



EXECUTIVE ORDER D-193-138
Relating to Exemptions under Sections 27156 and 38391
of the Vehicle Code

Car Sound Exhaust Systems, Inc. (d.b.a. Magnaflow)
"Series 5581000 and 5591000 Three-Way Catalytic Converters"

WHEREAS, Vehicle Code (VC) Sections 27156 and 38395 and Title 13, California Code of Regulations (13 CCR) Section 2222(h) authorize the California Air Resources Board (CARB) and its Executive Officer to exempt new aftermarket catalytic converters from the prohibitions in VC Sections 27156 and 38391.

WHEREAS, Car Sound Exhaust Systems, Inc. (Car Sound) of 1901 Corporate Center, Oceanside, California 92056 has applied to CARB for exemption from the prohibitions in VC Sections 27156 and 38391 to market its new aftermarket series 5581000 and 5591000 three-way catalytic converters (TWC) on select 2003 through 2019 model-year light-duty trucks (LDT2; 3,751-5,750 lbs. LVW) and medium-duty vehicles equipped with on-board diagnostic II (OBD II) systems as specified in Appendix D-193-138 and incorporated herein. Series 5581000 and 5591000 TWCs will be used on multiple catalytic converter applications and sold as universal or direct fit systems. Series 5581000 TWC is used in the front position, and series 5591000 TWC is used in the rear position.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code (HSC) Section 39515 and in the Chief of the Emissions Compliance, Automotive Regulations and Science Division by HSC Section 39516 and Executive Order G-14-012, CARB finds that the above aftermarket catalytic converters comply with VC Sections 27156 and 38395 and 13 CCR Section 2222(h). Emission performance of the catalytic converters was based on durability bench-aging by Lotus Engineering, Inc. and Umicore Automotive Catalysts USA using CARB-modified RAT-A bench-aging cycle for 100 hours as specified in Appendix A to the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007 (Converter Evaluation Procedures).

WHEREAS, previous emissions and OBD II compatibility tests conducted by Car Sound using vehicle weight classification and exhaust configuration similar to those listed in Appendix D-193-138 and certified to LEV II LEV and LEV II ULEV emission standards resulted in the issuance of Executive Orders D-193-128 and D-193-131, it was determined that the installation of series 5581000 and 5591000 TWCs on the vehicles listed in Appendix D-193-138 meets the requirements of California regulation for aftermarket catalytic converters.

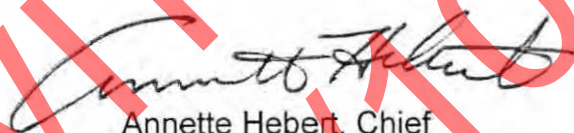
THEREFORE, IT IS HEREBY RESOLVED that Car Sound's series 5581000 and 5591000 TWCs are exempted from the prohibitions in VC Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-193-138 subject to the following conditions:

1. No changes are permitted to the catalytic converters as described in the application for exemption. Any changes to the catalytic converters or any of their components and other factors addressed in this Executive Order must be evaluated and approved by CARB prior to marketing in California.
2. Marketing of the catalytic converters using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converters for applications other than the ones shown in this Executive Order shall be prohibited unless prior approval is obtained from CARB. Exemption of these products shall not be construed as an exemption to sell, offer for sale, or advertise any components of the catalytic converters as individual devices.
3. Any oral or written references to this Executive Order or its content by Car Sound, its principals, agents, employees, distributors, dealers, or other representatives must include the disclaimer that the Executive Order or the exemption it provides is not an endorsement or approval of any emission reduction claims for the catalytic converters and is only a finding that the catalytic converters are exempt from the prohibitions in VC Sections 27156 and 38391.
4. Car Sound's installation instructions for the new catalytic converters must conform to requirements in Section (h) of the Converter Evaluation Procedures.
5. Installation of the catalytic converters shall not cause the relocation of any oxygen sensors. Oxygen sensors must be installed in the same location, position and orientation as prescribed in the original equipment manufacturer's configurations.
6. Upon installation, the catalytic converters must carry a manufacturer's warranty for five (5) years or 50,000 miles as prescribed in Section (f)(2) of the Converter Evaluation Procedures.
7. Car Sound and its vendors may not advertise the new aftermarket catalytic converters as "high flow" or "easy flow" catalytic converters or use any phrase that could make them appear to perform better than the original equipment manufacturer catalytic converters.
8. Any marketing arrangement of the new aftermarket catalytic converters by a third party, which involves the use of packaging identification different from the ones described in this Executive Order, must be approved by CARB prior to shipment.
9. Car Sound, its associates, vendors, other businesses and individuals associated with Car Sound may not sell or supply new aftermarket catalytic converter substrates to a third party to be assembled in a different facility and marketed under this Executive Order without approval from CARB.
10. Car Sound shall comply with the quality control procedures and reporting requirements in Section (f)(5) of the Converter Evaluation Procedures.

11. Quality control reports must be submitted on a quarterly basis and warranty information reports on a semi-annual basis.
12. Car Sound must provide a permanent label or stamp as specified under Section (f)(1) of the Converter Evaluation Procedures.
13. Car Sound's vehicle application catalog must conform to the requirements specified under Section (f)(4) of the Converter Evaluation Procedures.
14. Catalytic converters exempted under this Executive Order may not be installed on a vehicle unless the vehicle is beyond the coverage of the original equipment manufacturer catalytic converter warranty period.
15. Car Sound may not sell, offer for sale, or advertise catalytic converters for:
 - (1) 2015 model-year vehicles until July 1, 2019;
 - (2) 2016 model-year vehicles until July 1, 2020;
 - (3) 2017 model-year vehicles until July 1, 2021;
 - (4) 2018 model-year vehicles until July 1, 2022; and
 - (5) 2019 model-year vehicles until July 1, 2023.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a 30-day written notice of intention to revoke it, during which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within 30 days of receipt of the request, and the order may not be revoked until a determination is made, after the hearing, that grounds for revocation exist.

Executed at El Monte, California, this 4 day of October 2018.



Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1	2003	Acura	MDX	3.5	3HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2	2003	Acura	MDX	3.5	3HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
3	2003	Acura	MDX	3.5	3HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
4	2003	Acura	MDX	3.5	3HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
5	2003	Acura	MDX	3.5	3HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
6	2003	Acura	MDX	3.5	3HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
7	2004	Acura	MDX	3.5	4HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
8	2004	Acura	MDX	3.5	4HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
9	2004	Acura	MDX	3.5	4HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
10	2004	Acura	MDX	3.5	4HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
11	2004	Acura	MDX	3.5	4HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
12	2004	Acura	MDX	3.5	4HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
13	2005	Acura	MDX	3.5	5HNXT03.55B4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
14	2005	Acura	MDX	3.5	5HNXT03.55B4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
15	2005	Acura	MDX	3.5	5HNXT03.55B4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
16	2005	Acura	MDX	3.5	5HNXT03.55B4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
17	2005	Acura	MDX	3.5	5HNXT03.55B4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
18	2005	Acura	MDX	3.5	5HNXT03.55B4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
19	2006	Acura	MDX	3.5	6HNXT03.5RKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
20	2006	Acura	MDX	3.5	6HNXT03.5RKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
21	2006	Acura	MDX	3.5	6HNXT03.5RKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
22	2006	Acura	MDX	3.5	6HNXT03.5RKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
23	2006	Acura	MDX	3.5	6HNXT03.5RKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
24	2006	Acura	MDX	3.5	6HNXT03.5RKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
25	2007	Acura	MDX	3.7	7HNXT03.7XKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
26	2007	Acura	MDX	3.7	7HNXT03.7XKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
27	2007	Acura	MDX	3.7	7HNXT03.7XKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
28	2007	Acura	MDX	3.7	7HNXT03.7XKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
29	2007	Acura	MDX	3.7	7HNXT03.7XKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591413	ALL
30	2008	Acura	MDX	3.7	8HNXT03.7PKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
31	2008	Acura	MDX	3.7	8HNXT03.7PKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
32	2008	Acura	MDX	3.7	8HNXT03.7PKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
33	2008	Acura	MDX	3.7	8HNXT03.7PKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
34	2008	Acura	MDX	3.7	8HNXT03.7PKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591413	ALL
35	2008	Acura	RDX	2.3	8HNXT02.3DKR	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581519	ALL
36	2008	Acura	RDX	2.3	8HNXT02.3DKR	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
37	2008	Acura	RDX	2.3	8HNXT02.3DKR	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
38	2008	Acura	RDX	2.3	8HNXT02.3DKR	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591529	ALL
39	2009	Acura	MDX	3.7	9HNXT03.7H29	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
40	2009	Acura	MDX	3.7	9HNXT03.7H29	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
41	2009	Acura	MDX	3.7	9HNXT03.7H29	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
42	2009	Acura	MDX	3.7	9HNXT03.7H29	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
43	2009	Acura	MDX	3.7	9HNXT03.7H29	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591413	ALL
44	2009	Acura	RDX	2.3	9HNXT02.3R29	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581519	ALL
45	2009	Acura	RDX	2.3	9HNXT02.3R29	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
46	2009	Acura	RDX	2.3	9HNXT02.3R29	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
47	2009	Acura	RDX	2.3	9HNXT02.3R29	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591529	ALL
48	2010	Acura	MDX	3.7	AHNXT03.7W19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
49	2010	Acura	MDX	3.7	AHNXT03.7W19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
50	2010	Acura	MDX	3.7	AHNXT03.7W19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591309	ALL
51	2010	Acura	MDX	3.7	AHNXT03.7W19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591862	ALL
52	2010	Acura	RDX	2.3	AHNXT02.3Y19	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581519	ALL
53	2010	Acura	RDX	2.3	AHNXT02.3Y19	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
54	2010	Acura	RDX	2.3	AHNXT02.3Y19	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
55	2010	Acura	RDX	2.3	AHNXT02.3Y19	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591529	ALL
56	2011	Acura	MDX	3.7	BHNXT03.7M19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
57	2011	Acura	MDX	3.7	BHNXT03.7M19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
58	2011	Acura	MDX	3.7	BHNXT03.7M19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591309	ALL
59	2011	Acura	MDX	3.7	BHNXT03.7M19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591862	ALL
60	2011	Acura	RDX	2.3	BHNXT02.3X19	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581519	ALL
61	2011	Acura	RDX	2.3	BHNXT02.3X19	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
62	2011	Acura	RDX	2.3	BHNXT02.3X19	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
63	2011	Acura	RDX	2.3	BHNXT02.3X19	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591529	ALL
64	2012	Acura	MDX	3.7	CHNXT03.7R19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
65	2012	Acura	MDX	3.7	CHNXT03.7R19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
66	2012	Acura	MDX	3.7	CHNXT03.7R19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591309	ALL
67	2012	Acura	MDX	3.7	CHNXT03.7R19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591862	ALL
68	2012	Acura	RDX	2.3	CHNXT02.3Y19	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581519	ALL
69	2012	Acura	RDX	2.3	CHNXT02.3Y19	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
70	2012	Acura	RDX	2.3	CHNXT02.3Y19	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
71	2012	Acura	RDX	2.3	CHNXT02.3Y19	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591529	ALL
72	2013	Acura	MDX	3.7	DHNXT03.7R14	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
73	2013	Acura	MDX	3.7	DHNXT03.7R14	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
74	2013	Acura	MDX	3.7	DHNXT03.7R14	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591309	ALL
75	2013	Acura	MDX	3.7	DHNXT03.7R14	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591862	ALL
76	2013	Acura	RDX	3.5	DHNXT03.5H13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
77	2013	Acura	RDX	3.5	DHNXT03.5H13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
78	2013	Acura	RDX	3.5	DHNXT03.5H13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591006	ALL
79	2013	Acura	RDX	3.5	DHNXT03.5H13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
80	2013	Acura	RDX	3.5	DHNXT03.5H13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
81	2014	Acura	RDX	3.5	EHNXT03.5JT3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
82	2014	Acura	RDX	3.5	EHNXT03.5JT3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
83	2014	Acura	RDX	3.5	EHNXT03.5JT3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591006	ALL
84	2014	Acura	RDX	3.5	EHNXT03.5JT3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
85	2014	Acura	RDX	3.5	EHNXT03.5JT3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
86	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
87	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
88	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
89	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581586	ALL
90	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581943	ALL
91	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
92	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
93	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
94	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581585	ALL
95	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581947	ALL
96	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	5591957	ALL
97	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
98	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
99	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
100	2007	Audi	Q7	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
101	2007	Audi	Q7	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581211	ALL
102	2007	Audi	Q7	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581213	ALL
103	2007	Audi	Q7	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591214	ALL
104	2007	Audi	Q7	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
105	2007	Audi	Q7	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
106	2007	Audi	Q7	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591217	ALL
107	2007	Audi	Q7	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
108	2007	Audi	Q7	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
109	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
110	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
111	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
112	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581586	ALL
113	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581943	ALL
114	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
115	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
116	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
117	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581585	ALL
118	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581947	ALL
119	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	5591957	ALL
120	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
121	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
122	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
123	2008	Audi	Q7	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
124	2008	Audi	Q7	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581211	ALL
125	2008	Audi	Q7	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581213	ALL
126	2008	Audi	Q7	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591214	ALL
127	2008	Audi	Q7	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
128	2008	Audi	Q7	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
129	2008	Audi	Q7	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591217	ALL
130	2008	Audi	Q7	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
131	2008	Audi	Q7	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
132	2009	Audi	Q7	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
133	2009	Audi	Q7	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
134	2009	Audi	Q7	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
135	2009	Audi	Q7	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581586	ALL
136	2009	Audi	Q7	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
137	2009	Audi	Q7	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
138	2009	Audi	Q7	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
139	2009	Audi	Q7	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581585	ALL
140	2009	Audi	Q7	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	5591957	ALL
141	2009	Audi	Q7	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
142	2009	Audi	Q7	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
143	2009	Audi	Q7	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
144	2009	Audi	Q7	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
145	2009	Audi	Q7	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581211	ALL
146	2009	Audi	Q7	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581213	ALL
147	2009	Audi	Q7	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591214	ALL
148	2009	Audi	Q7	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
149	2009	Audi	Q7	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
150	2009	Audi	Q7	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591217	ALL
151	2009	Audi	Q7	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
152	2009	Audi	Q7	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
153	2010	Audi	Q7	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
154	2010	Audi	Q7	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
155	2010	Audi	Q7	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
156	2010	Audi	Q7	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581586	ALL
157	2010	Audi	Q7	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
158	2010	Audi	Q7	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
159	2010	Audi	Q7	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
160	2010	Audi	Q7	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581585	ALL
161	2010	Audi	Q7	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	5591957	ALL
162	2010	Audi	Q7	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
163	2010	Audi	Q7	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
164	2010	Audi	Q7	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
165	2010	Audi	Q7	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
166	2010	Audi	Q7	4.2	AADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581211	ALL
167	2010	Audi	Q7	4.2	AADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581213	ALL
168	2010	Audi	Q7	4.2	AADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591214	ALL
169	2010	Audi	Q7	4.2	AADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
170	2010	Audi	Q7	4.2	AADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
171	2010	Audi	Q7	4.2	AADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591217	ALL
172	2010	Audi	Q7	4.2	AADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
173	2010	Audi	Q7	4.2	AADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
174	2012	Audi	Q5	3.2	CADXT03.23UC	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581135	ALL
175	2012	Audi	Q5	3.2	CADXT03.23UC	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581136	ALL
176	2012	Audi	Q5	3.2	CADXT03.23UC	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
177	2012	Audi	Q5	3.2	CADXT03.23UC	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
178	2012	Audi	Q5	3.2	CADXT03.23UC	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
179	2012	Audi	Q5	3.2	CADXT03.23UC	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591396	ALL
180	2012	Audi	Q5	3.2	CADXT03.23UC	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
181	2012	Audi	Q5	3.2	CADXT03.23UC	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
182	2012	Audi	Q5	3.2	CADXT03.23UC	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
183	2012	Audi	Q5	3.2	CADXT03.23UC	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591398	ALL
184	2014	BMW	X1	3	EBMXJ03.0N55	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
185	2014	BMW	X1	3	EBMXJ03.0N55	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
186	2014	BMW	X1	3	EBMXJ03.0N55	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
187	2014	BMW	X1	3	EBMXJ03.0N55	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581256	ALL
188	2009	Buick	Enclave	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581445	ALL
189	2009	Buick	Enclave	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
190	2009	Buick	Enclave	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
191	2009	Buick	Enclave	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
192	2009	Buick	Enclave	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581446	ALL
193	2009	Buick	Enclave	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
194	2009	Buick	Enclave	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
195	2009	Buick	Enclave	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591579	ALL
196	2010	Buick	Enclave	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581445	ALL
197	2010	Buick	Enclave	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
198	2010	Buick	Enclave	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
199	2010	Buick	Enclave	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
200	2010	Buick	Enclave	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581446	ALL
201	2010	Buick	Enclave	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
202	2010	Buick	Enclave	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
203	2010	Buick	Enclave	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591579	ALL
204	2011	Buick	Enclave	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581445	ALL
205	2011	Buick	Enclave	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL

Appendix D-193-138
Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
206	2011	Buick	Enclave	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
207	2011	Buick	Enclave	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
208	2011	Buick	Enclave	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581446	ALL
209	2011	Buick	Enclave	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
210	2011	Buick	Enclave	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
211	2011	Buick	Enclave	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591579	ALL
212	2012	Buick	Enclave	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
213	2012	Buick	Enclave	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
214	2012	Buick	Enclave	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581613	ALL
215	2012	Buick	Enclave	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
216	2012	Buick	Enclave	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
217	2012	Buick	Enclave	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581614	ALL
218	2012	Buick	Enclave	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
219	2012	Buick	Enclave	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
220	2012	Buick	Enclave	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591615	ALL
221	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
222	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
223	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
224	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
225	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581613	ALL
226	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581613	ALL
227	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
228	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
229	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
230	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
231	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581614	ALL
232	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581614	ALL
233	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
234	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
235	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
236	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
237	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591615	ALL
238	2013	Buick	Enclave	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591615	ALL
239	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
240	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
241	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
242	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
243	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581613	ALL
244	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581613	ALL
245	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
246	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
247	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
248	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
249	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581614	ALL
250	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581614	ALL
251	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
252	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
253	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
254	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
255	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591615	ALL
256	2014	Buick	Enclave	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591615	ALL
257	2010	Cadillac	Escalade	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
258	2010	Cadillac	Escalade	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
259	2010	Cadillac	Escalade	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
260	2010	Cadillac	Escalade	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
261	2010	Cadillac	Escalade	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
262	2010	Cadillac	Escalade	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
263	2010	Cadillac	Escalade	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
264	2010	Cadillac	SRX	2.8	AGMXJ02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581303	ALL
265	2010	Cadillac	SRX	2.8	AGMXJ02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581374	ALL
266	2010	Cadillac	SRX	2.8	AGMXJ02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581375	ALL
267	2010	Cadillac	SRX	2.8	AGMXJ02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581376	ALL
268	2010	Cadillac	SRX	2.8	AGMXJ02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
269	2010	Cadillac	SRX	2.8	AGMXJ02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
270	2010	Cadillac	SRX	2.8	AGMXJ02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
271	2010	Cadillac	SRX	2.8	AGMXJ02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591723	ALL
272	2010	Cadillac	SRX	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581219	ALL
273	2010	Cadillac	SRX	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581220	ALL
274	2010	Cadillac	SRX	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591221	ALL
275	2010	Cadillac	SRX	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
276	2010	Cadillac	SRX	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
277	2010	Cadillac	SRX	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
278	2011	Cadillac	Escalade ESV	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
279	2011	Cadillac	Escalade ESV	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
280	2011	Cadillac	Escalade ESV	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
281	2011	Cadillac	Escalade ESV	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
282	2011	Cadillac	Escalade ESV	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
283	2011	Cadillac	Escalade ESV	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
284	2011	Cadillac	Escalade ESV	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
285	2011	Cadillac	Escalade ESV	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
286	2011	Cadillac	Escalade ESV	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
287	2011	Cadillac	Escalade ESV	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581618	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
288	2011	Cadillac	Escalade EXT	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
289	2011	Cadillac	Escalade EXT	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
290	2011	Cadillac	Escalade EXT	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
291	2011	Cadillac	Escalade EXT	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
292	2011	Cadillac	Escalade EXT	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
293	2011	Cadillac	Escalade EXT	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
294	2011	Cadillac	Escalade EXT	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
295	2011	Cadillac	Escalade	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
296	2011	Cadillac	Escalade	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
297	2011	Cadillac	Escalade	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
298	2011	Cadillac	Escalade	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
299	2011	Cadillac	Escalade	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
300	2011	Cadillac	Escalade	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
301	2011	Cadillac	Escalade	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
302	2011	Cadillac	Escalade	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
303	2011	Cadillac	Escalade	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
304	2011	Cadillac	Escalade	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
305	2011	Cadillac	Escalade	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
306	2011	Cadillac	Escalade	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
307	2011	Cadillac	Escalade	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
308	2011	Cadillac	Escalade	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
309	2011	Cadillac	SRX	2.8	BGMXT02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581303	ALL
310	2011	Cadillac	SRX	2.8	BGMXT02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581374	ALL
311	2011	Cadillac	SRX	2.8	BGMXT02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581375	ALL
312	2011	Cadillac	SRX	2.8	BGMXT02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581376	ALL
313	2011	Cadillac	SRX	2.8	BGMXT02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
314	2011	Cadillac	SRX	2.8	BGMXT02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
315	2011	Cadillac	SRX	2.8	BGMXT02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
316	2011	Cadillac	SRX	2.8	BGMXT02.8161	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591723	ALL
317	2011	Cadillac	SRX	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581219	ALL
318	2011	Cadillac	SRX	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581220	ALL
319	2011	Cadillac	SRX	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591221	ALL
320	2011	Cadillac	SRX	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
321	2011	Cadillac	SRX	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
322	2011	Cadillac	SRX	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
323	2012	Cadillac	Escalade ESV	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
324	2012	Cadillac	Escalade ESV	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
325	2012	Cadillac	Escalade ESV	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
326	2012	Cadillac	Escalade ESV	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
327	2012	Cadillac	Escalade ESV	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
328	2012	Cadillac	Escalade ESV	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
329	2012	Cadillac	Escalade ESV	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
330	2012	Cadillac	Escalade EXT	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
331	2012	Cadillac	Escalade EXT	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
332	2012	Cadillac	Escalade EXT	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
333	2012	Cadillac	Escalade EXT	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
334	2012	Cadillac	Escalade EXT	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
335	2012	Cadillac	Escalade EXT	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
336	2012	Cadillac	Escalade EXT	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
337	2012	Cadillac	Escalade	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
338	2012	Cadillac	Escalade	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
339	2012	Cadillac	Escalade	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
340	2012	Cadillac	Escalade	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
341	2012	Cadillac	Escalade	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
342	2012	Cadillac	Escalade	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
343	2012	Cadillac	Escalade	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
344	2012	Cadillac	Escalade	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
345	2012	Cadillac	Escalade	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
346	2012	Cadillac	Escalade	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
347	2012	Cadillac	Escalade	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
348	2012	Cadillac	Escalade	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
349	2012	Cadillac	Escalade	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
350	2012	Cadillac	Escalade	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
351	2012	Cadillac	SRX	3.6	CGMXJ03.6166	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581647	ALL
352	2012	Cadillac	SRX	3.6	CGMXJ03.6166	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581220	ALL
353	2012	Cadillac	SRX	3.6	CGMXJ03.6166	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	R	UNIVERSAL	5591305	ALL
354	2012	Cadillac	SRX	3.6	CGMXJ03.6166	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	R	UNIVERSAL	5591306	ALL
355	2012	Cadillac	SRX	3.6	CGMXJ03.6166	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	R	DIRECT FIT	5591719	ALL
356	2013	Cadillac	Escalade ESV	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
357	2013	Cadillac	Escalade ESV	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
358	2013	Cadillac	Escalade ESV	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
359	2013	Cadillac	Escalade ESV	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
360	2013	Cadillac	Escalade ESV	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
361	2013	Cadillac	Escalade ESV	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
362	2013	Cadillac	Escalade ESV	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
363	2013	Cadillac	Escalade EXT	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
364	2013	Cadillac	Escalade EXT	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
365	2013	Cadillac	Escalade EXT	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
366	2013	Cadillac	Escalade EXT	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
367	2013	Cadillac	Escalade EXT	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
368	2013	Cadillac	Escalade EXT	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
369	2013	Cadillac	Escalade EXT	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
370	2013	Cadillac	Escalade	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
371	2013	Cadillac	Escalade	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
372	2013	Cadillac	Escalade	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
373	2013	Cadillac	Escalade	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
374	2013	Cadillac	Escalade	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
375	2013	Cadillac	Escalade	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
376	2013	Cadillac	Escalade	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
377	2013	Cadillac	Escalade	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
378	2013	Cadillac	Escalade	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
379	2013	Cadillac	Escalade	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
380	2013	Cadillac	Escalade	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
381	2013	Cadillac	Escalade	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
382	2013	Cadillac	Escalade	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
383	2013	Cadillac	Escalade	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
384	2013	Cadillac	SRX	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581647	ALL
385	2013	Cadillac	SRX	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581220	ALL
386	2013	Cadillac	SRX	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	R	UNIVERSAL	5591305	ALL
387	2013	Cadillac	SRX	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	R	UNIVERSAL	5591306	ALL
388	2013	Cadillac	SRX	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	R	DIRECT FIT	5591719	ALL
389	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
390	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
391	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
392	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
393	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
394	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
395	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
396	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
397	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
398	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
399	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
400	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
401	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
402	2014	Cadillac	Escalade ESV	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
403	2014	Cadillac	Escalade	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
404	2014	Cadillac	Escalade	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
405	2014	Cadillac	Escalade	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
406	2014	Cadillac	Escalade	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
407	2014	Cadillac	Escalade	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
408	2014	Cadillac	Escalade	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
409	2014	Cadillac	Escalade	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
410	2014	Cadillac	Escalade	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
411	2014	Cadillac	Escalade	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
412	2014	Cadillac	Escalade	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
413	2014	Cadillac	Escalade	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
414	2014	Cadillac	Escalade	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
415	2014	Cadillac	Escalade	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
416	2014	Cadillac	Escalade	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
417	2014	Cadillac	SRX	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581647	ALL
418	2014	Cadillac	SRX	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581220	ALL
419	2014	Cadillac	SRX	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	R	UNIVERSAL	5591305	ALL
420	2014	Cadillac	SRX	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	R	UNIVERSAL	5591306	ALL
421	2014	Cadillac	SRX	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	R	DIRECT FIT	5591719	ALL
422	2007	Chevrolet	Colorado	3.7	7GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
423	2007	Chevrolet	Colorado	3.7	7GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
424	2007	Chevrolet	Colorado	3.7	7GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
425	2007	Chevrolet	Colorado	3.7	7GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
426	2008	Chevrolet	Colorado	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
427	2008	Chevrolet	Colorado	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
428	2008	Chevrolet	Colorado	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
429	2008	Chevrolet	Colorado	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
430	2008	Chevrolet	Trailblazer	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
431	2008	Chevrolet	Trailblazer	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
432	2008	Chevrolet	Trailblazer	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
433	2008	Chevrolet	Trailblazer	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
434	2008	Chevrolet	Trailblazer	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581222	ALL
435	2009	Chevrolet	Avalanche	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
436	2009	Chevrolet	Avalanche	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
437	2009	Chevrolet	Avalanche	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
438	2009	Chevrolet	Avalanche	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
439	2009	Chevrolet	Avalanche	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
440	2009	Chevrolet	Avalanche	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
441	2009	Chevrolet	Avalanche	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
442	2009	Chevrolet	Avalanche	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
443	2009	Chevrolet	Avalanche	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
444	2009	Chevrolet	Avalanche	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
445	2009	Chevrolet	Avalanche	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
446	2009	Chevrolet	Avalanche	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
447	2009	Chevrolet	Avalanche	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
448	2009	Chevrolet	Avalanche	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
449	2009	Chevrolet	Avalanche	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
450	2009	Chevrolet	Avalanche	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
451	2009	Chevrolet	Avalanche	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
452	2009	Chevrolet	Avalanche	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
453	2009	Chevrolet	Avalanche	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
454	2009	Chevrolet	Avalanche	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
455	2009	Chevrolet	Avalanche	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
456	2009	Chevrolet	Colorado	3.7	9GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
457	2009	Chevrolet	Colorado	3.7	9GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
458	2009	Chevrolet	Colorado	3.7	9GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
459	2009	Chevrolet	Colorado	3.7	9GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
460	2009	Chevrolet	Colorado	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
461	2009	Chevrolet	Colorado	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
462	2009	Chevrolet	Colorado	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
463	2009	Chevrolet	Colorado	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
464	2009	Chevrolet	Colorado	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
465	2009	Chevrolet	Colorado	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
466	2009	Chevrolet	Colorado	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
467	2009	Chevrolet	Colorado	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
468	2009	Chevrolet	Colorado	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581680	ALL
469	2009	Chevrolet	Colorado	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581681	ALL
470	2009	Chevrolet	Express 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
471	2009	Chevrolet	Express 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
472	2009	Chevrolet	Express 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
473	2009	Chevrolet	Express 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
474	2009	Chevrolet	Express 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
475	2009	Chevrolet	Express 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
476	2009	Chevrolet	Express 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
477	2009	Chevrolet	Express 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
478	2009	Chevrolet	Express 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
479	2009	Chevrolet	Express 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
480	2009	Chevrolet	Express 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
481	2009	Chevrolet	Express 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
482	2009	Chevrolet	Express 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
483	2009	Chevrolet	Express 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
484	2009	Chevrolet	Express 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
485	2009	Chevrolet	Express 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
486	2009	Chevrolet	Express 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
487	2009	Chevrolet	Express 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
488	2009	Chevrolet	Express 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
489	2009	Chevrolet	Express 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
490	2009	Chevrolet	Express 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
491	2009	Chevrolet	Express 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
492	2009	Chevrolet	Express 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
493	2009	Chevrolet	Express 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
494	2009	Chevrolet	Express 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
495	2009	Chevrolet	Express 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
496	2009	Chevrolet	Express 3500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
497	2009	Chevrolet	Express 3500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
498	2009	Chevrolet	Express 3500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
499	2009	Chevrolet	Express 3500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
500	2009	Chevrolet	Express 3500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
501	2009	Chevrolet	Silverado 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
502	2009	Chevrolet	Silverado 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
503	2009	Chevrolet	Silverado 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
504	2009	Chevrolet	Silverado 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
505	2009	Chevrolet	Silverado 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
506	2009	Chevrolet	Silverado 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
507	2009	Chevrolet	Silverado 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
508	2009	Chevrolet	Silverado 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
509	2009	Chevrolet	Silverado 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
510	2009	Chevrolet	Silverado 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
511	2009	Chevrolet	Silverado 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
512	2009	Chevrolet	Silverado 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
513	2009	Chevrolet	Silverado 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
514	2009	Chevrolet	Silverado 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
515	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
516	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
517	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
518	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
519	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
520	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
521	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
522	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
523	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
524	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
525	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
526	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
527	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
528	2009	Chevrolet	Silverado 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
529	2009	Chevrolet	Silverado 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
530	2009	Chevrolet	Silverado 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
531	2009	Chevrolet	Silverado 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
532	2009	Chevrolet	Silverado 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
533	2009	Chevrolet	Silverado 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
534	2009	Chevrolet	Silverado 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
535	2009	Chevrolet	Silverado 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
536	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
537	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
538	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
539	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
540	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
541	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
542	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
543	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
544	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
545	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
546	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
547	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
548	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
549	2009	Chevrolet	Suburban 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
550	2009	Chevrolet	Suburban 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
551	2009	Chevrolet	Suburban 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
552	2009	Chevrolet	Suburban 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
553	2009	Chevrolet	Suburban 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
554	2009	Chevrolet	Suburban 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
555	2009	Chevrolet	Suburban 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
556	2009	Chevrolet	Suburban 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
557	2009	Chevrolet	Suburban 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
558	2009	Chevrolet	Suburban 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
559	2009	Chevrolet	Suburban 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
560	2009	Chevrolet	Suburban 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
561	2009	Chevrolet	Suburban 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
562	2009	Chevrolet	Suburban 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581480	ALL
563	2009	Chevrolet	Tahoe	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
564	2009	Chevrolet	Tahoe	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
565	2009	Chevrolet	Tahoe	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
566	2009	Chevrolet	Tahoe	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
567	2009	Chevrolet	Tahoe	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
568	2009	Chevrolet	Tahoe	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
569	2009	Chevrolet	Tahoe	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
570	2009	Chevrolet	Tahoe	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
571	2009	Chevrolet	Tahoe	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
572	2009	Chevrolet	Tahoe	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
573	2009	Chevrolet	Tahoe	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
574	2009	Chevrolet	Tahoe	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
575	2009	Chevrolet	Tahoe	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
576	2009	Chevrolet	Tahoe	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
577	2009	Chevrolet	Tahoe	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
578	2009	Chevrolet	Tahoe	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
579	2009	Chevrolet	Tahoe	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
580	2009	Chevrolet	Tahoe	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
581	2009	Chevrolet	Tahoe	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
582	2009	Chevrolet	Tahoe	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
583	2009	Chevrolet	Tahoe	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
584	2009	Chevrolet	Trailblazer	4.2	9GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
585	2009	Chevrolet	Trailblazer	4.2	9GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
586	2009	Chevrolet	Trailblazer	4.2	9GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
587	2009	Chevrolet	Trailblazer	4.2	9GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
588	2009	Chevrolet	Trailblazer	4.2	9GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581222	ALL
589	2009	Chevrolet	Traverse	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581445	ALL
590	2009	Chevrolet	Traverse	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
591	2009	Chevrolet	Traverse	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
592	2009	Chevrolet	Traverse	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
593	2009	Chevrolet	Traverse	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581446	ALL
594	2009	Chevrolet	Traverse	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
595	2009	Chevrolet	Traverse	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
596	2009	Chevrolet	Traverse	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591579	ALL
597	2010	Chevrolet	Avalanche	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
598	2010	Chevrolet	Avalanche	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
599	2010	Chevrolet	Avalanche	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
600	2010	Chevrolet	Avalanche	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
601	2010	Chevrolet	Avalanche	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
602	2010	Chevrolet	Avalanche	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
603	2010	Chevrolet	Avalanche	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
604	2010	Chevrolet	Colorado	3.7	AGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
605	2010	Chevrolet	Colorado	3.7	AGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
606	2010	Chevrolet	Colorado	3.7	AGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
607	2010	Chevrolet	Colorado	3.7	AGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
608	2010	Chevrolet	Colorado	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
609	2010	Chevrolet	Colorado	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
610	2010	Chevrolet	Colorado	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
611	2010	Chevrolet	Colorado	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
612	2010	Chevrolet	Colorado	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
613	2010	Chevrolet	Colorado	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
614	2010	Chevrolet	Colorado	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
615	2010	Chevrolet	Colorado	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
616	2010	Chevrolet	Colorado	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581680	ALL
617	2010	Chevrolet	Colorado	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581681	ALL
618	2010	Chevrolet	Equinox	2.4	AGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
619	2010	Chevrolet	Equinox	2.4	AGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
620	2010	Chevrolet	Equinox	2.4	AGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
621	2010	Chevrolet	Equinox	2.4	AGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
622	2010	Chevrolet	Equinox	2.4	AGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
623	2010	Chevrolet	Equinox	2.4	AGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
624	2010	Chevrolet	Equinox	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581188	ALL
625	2010	Chevrolet	Equinox	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
626	2010	Chevrolet	Equinox	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
627	2010	Chevrolet	Equinox	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
628	2010	Chevrolet	Equinox	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
629	2010	Chevrolet	Equinox	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
630	2010	Chevrolet	Express 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
631	2010	Chevrolet	Express 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
632	2010	Chevrolet	Express 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
633	2010	Chevrolet	Express 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
634	2010	Chevrolet	Express 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
635	2010	Chevrolet	Express 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
636	2010	Chevrolet	Express 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
637	2010	Chevrolet	Express 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
638	2010	Chevrolet	Express 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
639	2010	Chevrolet	Express 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
640	2010	Chevrolet	Express 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
641	2010	Chevrolet	Express 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
642	2010	Chevrolet	Express 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
643	2010	Chevrolet	Express 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
644	2010	Chevrolet	Silverado 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
645	2010	Chevrolet	Silverado 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
646	2010	Chevrolet	Silverado 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
647	2010	Chevrolet	Silverado 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
648	2010	Chevrolet	Silverado 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
649	2010	Chevrolet	Silverado 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
650	2010	Chevrolet	Silverado 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
651	2010	Chevrolet	Silverado 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
652	2010	Chevrolet	Silverado 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
653	2010	Chevrolet	Silverado 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
654	2010	Chevrolet	Silverado 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
655	2010	Chevrolet	Silverado 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
656	2010	Chevrolet	Silverado 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
657	2010	Chevrolet	Silverado 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
658	2010	Chevrolet	Silverado 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
659	2010	Chevrolet	Silverado 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
660	2010	Chevrolet	Silverado 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
661	2010	Chevrolet	Silverado 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
662	2010	Chevrolet	Silverado 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
663	2010	Chevrolet	Silverado 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
664	2010	Chevrolet	Silverado 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
665	2010	Chevrolet	Silverado 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
666	2010	Chevrolet	Silverado 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
667	2010	Chevrolet	Silverado 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
668	2010	Chevrolet	Silverado 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
669	2010	Chevrolet	Silverado 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
670	2010	Chevrolet	Silverado 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
671	2010	Chevrolet	Silverado 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
672	2010	Chevrolet	Suburban 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
673	2010	Chevrolet	Suburban 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
674	2010	Chevrolet	Suburban 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
675	2010	Chevrolet	Suburban 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
676	2010	Chevrolet	Suburban 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
677	2010	Chevrolet	Suburban 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
678	2010	Chevrolet	Suburban 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
679	2010	Chevrolet	Suburban 2500	6	AGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
680	2010	Chevrolet	Suburban 2500	6	AGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
681	2010	Chevrolet	Suburban 2500	6	AGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
682	2010	Chevrolet	Suburban 2500	6	AGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
683	2010	Chevrolet	Suburban 2500	6	AGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
684	2010	Chevrolet	Suburban 2500	6	AGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581480	ALL
685	2010	Chevrolet	Tahoe	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
686	2010	Chevrolet	Tahoe	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
687	2010	Chevrolet	Tahoe	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
688	2010	Chevrolet	Tahoe	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
689	2010	Chevrolet	Tahoe	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
690	2010	Chevrolet	Tahoe	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
691	2010	Chevrolet	Tahoe	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
692	2010	Chevrolet	Tahoe	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
693	2010	Chevrolet	Tahoe	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
694	2010	Chevrolet	Tahoe	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
695	2010	Chevrolet	Tahoe	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
696	2010	Chevrolet	Tahoe	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
697	2010	Chevrolet	Tahoe	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD

Appendix D-193-138
Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
698	2010	Chevrolet	Tahoe	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
699	2010	Chevrolet	Traverse	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581445	ALL
700	2010	Chevrolet	Traverse	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
701	2010	Chevrolet	Traverse	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
702	2010	Chevrolet	Traverse	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
703	2010	Chevrolet	Traverse	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581446	ALL
704	2010	Chevrolet	Traverse	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
705	2010	Chevrolet	Traverse	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
706	2010	Chevrolet	Traverse	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591579	ALL
707	2011	Chevrolet	Avalanche	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
708	2011	Chevrolet	Avalanche	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
709	2011	Chevrolet	Avalanche	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
710	2011	Chevrolet	Avalanche	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
711	2011	Chevrolet	Avalanche	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
712	2011	Chevrolet	Avalanche	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
713	2011	Chevrolet	Avalanche	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
714	2011	Chevrolet	Colorado	3.7	BGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
715	2011	Chevrolet	Colorado	3.7	BGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
716	2011	Chevrolet	Colorado	3.7	BGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
717	2011	Chevrolet	Colorado	3.7	BGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
718	2011	Chevrolet	Colorado	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
719	2011	Chevrolet	Colorado	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
720	2011	Chevrolet	Colorado	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
721	2011	Chevrolet	Colorado	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
722	2011	Chevrolet	Colorado	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
723	2011	Chevrolet	Colorado	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
724	2011	Chevrolet	Colorado	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
725	2011	Chevrolet	Colorado	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
726	2011	Chevrolet	Colorado	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581680	ALL
727	2011	Chevrolet	Colorado	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581681	ALL
728	2011	Chevrolet	Equinox	2.4	BGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
729	2011	Chevrolet	Equinox	2.4	BGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
730	2011	Chevrolet	Equinox	2.4	BGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
731	2011	Chevrolet	Equinox	2.4	BGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
732	2011	Chevrolet	Equinox	2.4	BGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
733	2011	Chevrolet	Equinox	2.4	BGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
734	2011	Chevrolet	Equinox	3	BGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581188	ALL
735	2011	Chevrolet	Equinox	3	BGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581188	ALL
736	2011	Chevrolet	Equinox	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
737	2011	Chevrolet	Equinox	3	BGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
738	2011	Chevrolet	Equinox	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
739	2011	Chevrolet	Equinox	3	BGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
740	2011	Chevrolet	Equinox	3	BGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
741	2011	Chevrolet	Equinox	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
742	2011	Chevrolet	Equinox	3	BGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
743	2011	Chevrolet	Equinox	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
744	2011	Chevrolet	Equinox	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
745	2011	Chevrolet	Equinox	3	BGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
746	2011	Chevrolet	Express 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
747	2011	Chevrolet	Express 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
748	2011	Chevrolet	Express 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
749	2011	Chevrolet	Express 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
750	2011	Chevrolet	Express 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
751	2011	Chevrolet	Express 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
752	2011	Chevrolet	Express 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
753	2011	Chevrolet	Express 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
754	2011	Chevrolet	Express 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
755	2011	Chevrolet	Express 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
756	2011	Chevrolet	Express 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
757	2011	Chevrolet	Express 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
758	2011	Chevrolet	Express 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
759	2011	Chevrolet	Express 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
760	2011	Chevrolet	Silverado 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
761	2011	Chevrolet	Silverado 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
762	2011	Chevrolet	Silverado 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
763	2011	Chevrolet	Silverado 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
764	2011	Chevrolet	Silverado 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
765	2011	Chevrolet	Silverado 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
766	2011	Chevrolet	Silverado 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
767	2011	Chevrolet	Silverado 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
768	2011	Chevrolet	Silverado 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
769	2011	Chevrolet	Silverado 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
770	2011	Chevrolet	Silverado 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
771	2011	Chevrolet	Silverado 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
772	2011	Chevrolet	Silverado 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
773	2011	Chevrolet	Silverado 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
774	2011	Chevrolet	Silverado 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
775	2011	Chevrolet	Silverado 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
776	2011	Chevrolet	Silverado 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
777	2011	Chevrolet	Silverado 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
778	2011	Chevrolet	Silverado 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
779	2011	Chevrolet	Silverado 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
780	2011	Chevrolet	Silverado 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
781	2011	Chevrolet	Silverado 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
782	2011	Chevrolet	Silverado 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
783	2011	Chevrolet	Silverado 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
784	2011	Chevrolet	Silverado 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
785	2011	Chevrolet	Silverado 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
786	2011	Chevrolet	Silverado 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
787	2011	Chevrolet	Silverado 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
788	2011	Chevrolet	Silverado 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
789	2011	Chevrolet	Silverado 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
790	2011	Chevrolet	Silverado 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
791	2011	Chevrolet	Silverado 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
792	2011	Chevrolet	Silverado 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
793	2011	Chevrolet	Silverado 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
794	2011	Chevrolet	Silverado 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
795	2011	Chevrolet	Suburban 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
796	2011	Chevrolet	Suburban 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
797	2011	Chevrolet	Suburban 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
798	2011	Chevrolet	Suburban 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
799	2011	Chevrolet	Suburban 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
800	2011	Chevrolet	Suburban 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
801	2011	Chevrolet	Suburban 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
802	2011	Chevrolet	Suburban 2500	6	BGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
803	2011	Chevrolet	Suburban 2500	6	BGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
804	2011	Chevrolet	Suburban 2500	6	BGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
805	2011	Chevrolet	Suburban 2500	6	BGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
806	2011	Chevrolet	Suburban 2500	6	BGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
807	2011	Chevrolet	Suburban 2500	6	BGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581480	ALL
808	2011	Chevrolet	Tahoe	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
809	2011	Chevrolet	Tahoe	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
810	2011	Chevrolet	Tahoe	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
811	2011	Chevrolet	Tahoe	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
812	2011	Chevrolet	Tahoe	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
813	2011	Chevrolet	Tahoe	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
814	2011	Chevrolet	Tahoe	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
815	2011	Chevrolet	Tahoe	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
816	2011	Chevrolet	Tahoe	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
817	2011	Chevrolet	Tahoe	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
818	2011	Chevrolet	Tahoe	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
819	2011	Chevrolet	Tahoe	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
820	2011	Chevrolet	Tahoe	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
821	2011	Chevrolet	Tahoe	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
822	2011	Chevrolet	Traverse	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581445	ALL
823	2011	Chevrolet	Traverse	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
824	2011	Chevrolet	Traverse	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
825	2011	Chevrolet	Traverse	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
826	2011	Chevrolet	Traverse	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581446	ALL
827	2011	Chevrolet	Traverse	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
828	2011	Chevrolet	Traverse	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
829	2011	Chevrolet	Traverse	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591579	ALL
830	2012	Chevrolet	Avalanche	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
831	2012	Chevrolet	Avalanche	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
832	2012	Chevrolet	Avalanche	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
833	2012	Chevrolet	Avalanche	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
834	2012	Chevrolet	Avalanche	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
835	2012	Chevrolet	Avalanche	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
836	2012	Chevrolet	Avalanche	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
837	2012	Chevrolet	Captiva Sport	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581304	ALL
838	2012	Chevrolet	Captiva Sport	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
839	2012	Chevrolet	Captiva Sport	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
840	2012	Chevrolet	Captiva Sport	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581600	ALL
841	2012	Chevrolet	Captiva Sport	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
842	2012	Chevrolet	Captiva Sport	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
843	2012	Chevrolet	Captiva Sport	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
844	2012	Chevrolet	Captiva Sport	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591603	ALL
845	2012	Chevrolet	Captiva Sport	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581106	ALL
846	2012	Chevrolet	Captiva Sport	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
847	2012	Chevrolet	Captiva Sport	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
848	2012	Chevrolet	Captiva Sport	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
849	2012	Chevrolet	Captiva Sport	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
850	2012	Chevrolet	Captiva Sport	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
851	2012	Chevrolet	Captiva Sport	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
852	2012	Chevrolet	Captiva Sport	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581602	ALL
853	2012	Chevrolet	Captiva Sport	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
854	2012	Chevrolet	Captiva Sport	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
855	2012	Chevrolet	Captiva Sport	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
856	2012	Chevrolet	Captiva Sport	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591604	ALL
857	2012	Chevrolet	Colorado	3.7	CGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
858	2012	Chevrolet	Colorado	3.7	CGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
859	2012	Chevrolet	Colorado	3.7	CGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
860	2012	Chevrolet	Colorado	3.7	CGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
861	2012	Chevrolet	Colorado	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
862	2012	Chevrolet	Colorado	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
863	2012	Chevrolet	Colorado	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
864	2012	Chevrolet	Colorado	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
865	2012	Chevrolet	Colorado	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
866	2012	Chevrolet	Colorado	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
867	2012	Chevrolet	Colorado	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
868	2012	Chevrolet	Colorado	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
869	2012	Chevrolet	Colorado	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581680	ALL
870	2012	Chevrolet	Colorado	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581681	ALL
871	2012	Chevrolet	Equinox	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
872	2012	Chevrolet	Equinox	2.4	CGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
873	2012	Chevrolet	Equinox	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
874	2012	Chevrolet	Equinox	2.4	CGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
875	2012	Chevrolet	Equinox	2.4	CGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
876	2012	Chevrolet	Equinox	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
877	2012	Chevrolet	Equinox	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
878	2012	Chevrolet	Equinox	2.4	CGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
879	2012	Chevrolet	Equinox	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
880	2012	Chevrolet	Equinox	2.4	CGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
881	2012	Chevrolet	Equinox	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
882	2012	Chevrolet	Equinox	2.4	CGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
883	2012	Chevrolet	Equinox	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581881	ALL
884	2012	Chevrolet	Equinox	3	CGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581881	ALL
885	2012	Chevrolet	Equinox	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
886	2012	Chevrolet	Equinox	3	CGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
887	2012	Chevrolet	Equinox	3	CGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
888	2012	Chevrolet	Equinox	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
889	2012	Chevrolet	Equinox	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
890	2012	Chevrolet	Equinox	3	CGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
891	2012	Chevrolet	Equinox	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
892	2012	Chevrolet	Equinox	3	CGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
893	2012	Chevrolet	Equinox	3	CGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
894	2012	Chevrolet	Equinox	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
895	2012	Chevrolet	Express 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
896	2012	Chevrolet	Express 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
897	2012	Chevrolet	Express 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
898	2012	Chevrolet	Express 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
899	2012	Chevrolet	Express 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
900	2012	Chevrolet	Express 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
901	2012	Chevrolet	Express 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
902	2012	Chevrolet	Express 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
903	2012	Chevrolet	Express 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
904	2012	Chevrolet	Express 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
905	2012	Chevrolet	Express 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
906	2012	Chevrolet	Express 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
907	2012	Chevrolet	Express 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
908	2012	Chevrolet	Express 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
909	2012	Chevrolet	Express 2500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
910	2012	Chevrolet	Express 2500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
911	2012	Chevrolet	Express 2500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
912	2012	Chevrolet	Express 2500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
913	2012	Chevrolet	Express 2500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
914	2012	Chevrolet	Express 2500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
915	2012	Chevrolet	Express 2500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
916	2012	Chevrolet	Express 2500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
917	2012	Chevrolet	Express 3500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
918	2012	Chevrolet	Express 3500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
919	2012	Chevrolet	Express 3500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
920	2012	Chevrolet	Express 3500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
921	2012	Chevrolet	Express 3500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
922	2012	Chevrolet	Express 3500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
923	2012	Chevrolet	Express 3500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
924	2012	Chevrolet	Express 3500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
925	2012	Chevrolet	Silverado 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
926	2012	Chevrolet	Silverado 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
927	2012	Chevrolet	Silverado 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
928	2012	Chevrolet	Silverado 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
929	2012	Chevrolet	Silverado 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
930	2012	Chevrolet	Silverado 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
931	2012	Chevrolet	Silverado 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
932	2012	Chevrolet	Silverado 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
933	2012	Chevrolet	Silverado 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
934	2012	Chevrolet	Silverado 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
935	2012	Chevrolet	Silverado 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
936	2012	Chevrolet	Silverado 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
937	2012	Chevrolet	Silverado 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
938	2012	Chevrolet	Silverado 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
939	2012	Chevrolet	Silverado 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
940	2012	Chevrolet	Silverado 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
941	2012	Chevrolet	Silverado 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
942	2012	Chevrolet	Silverado 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
943	2012	Chevrolet	Silverado 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
944	2012	Chevrolet	Silverado 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
945	2012	Chevrolet	Silverado 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
946	2012	Chevrolet	Silverado 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
947	2012	Chevrolet	Silverado 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
948	2012	Chevrolet	Silverado 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
949	2012	Chevrolet	Silverado 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
950	2012	Chevrolet	Silverado 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
951	2012	Chevrolet	Silverado 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
952	2012	Chevrolet	Silverado 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
953	2012	Chevrolet	Silverado 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
954	2012	Chevrolet	Silverado 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
955	2012	Chevrolet	Silverado 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
956	2012	Chevrolet	Silverado 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
957	2012	Chevrolet	Silverado 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
958	2012	Chevrolet	Silverado 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
959	2012	Chevrolet	Silverado 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
960	2012	Chevrolet	Silverado 2500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
961	2012	Chevrolet	Silverado 2500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
962	2012	Chevrolet	Silverado 2500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
963	2012	Chevrolet	Silverado 2500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
964	2012	Chevrolet	Silverado 3500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
965	2012	Chevrolet	Silverado 3500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
966	2012	Chevrolet	Silverado 3500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
967	2012	Chevrolet	Silverado 3500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
968	2012	Chevrolet	Suburban 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
969	2012	Chevrolet	Suburban 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
970	2012	Chevrolet	Suburban 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
971	2012	Chevrolet	Suburban 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
972	2012	Chevrolet	Suburban 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
973	2012	Chevrolet	Suburban 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
974	2012	Chevrolet	Suburban 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
975	2012	Chevrolet	Suburban 2500	6	CGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
976	2012	Chevrolet	Suburban 2500	6	CGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
977	2012	Chevrolet	Suburban 2500	6	CGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
978	2012	Chevrolet	Suburban 2500	6	CGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
979	2012	Chevrolet	Suburban 2500	6	CGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
980	2012	Chevrolet	Suburban 2500	6	CGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581480	ALL
981	2012	Chevrolet	Tahoe	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
982	2012	Chevrolet	Tahoe	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
983	2012	Chevrolet	Tahoe	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
984	2012	Chevrolet	Tahoe	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
985	2012	Chevrolet	Tahoe	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
986	2012	Chevrolet	Tahoe	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
987	2012	Chevrolet	Tahoe	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
988	2012	Chevrolet	Tahoe	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
989	2012	Chevrolet	Tahoe	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
990	2012	Chevrolet	Tahoe	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
991	2012	Chevrolet	Tahoe	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
992	2012	Chevrolet	Tahoe	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
993	2012	Chevrolet	Tahoe	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
994	2012	Chevrolet	Tahoe	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
995	2012	Chevrolet	Traverse	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
996	2012	Chevrolet	Traverse	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
997	2012	Chevrolet	Traverse	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581613	ALL
998	2012	Chevrolet	Traverse	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
999	2012	Chevrolet	Traverse	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1000	2012	Chevrolet	Traverse	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581614	ALL
1001	2012	Chevrolet	Traverse	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1002	2012	Chevrolet	Traverse	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1003	2012	Chevrolet	Traverse	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591615	ALL
1004	2013	Chevrolet	Avalanche	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1005	2013	Chevrolet	Avalanche	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1006	2013	Chevrolet	Avalanche	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1007	2013	Chevrolet	Avalanche	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1008	2013	Chevrolet	Avalanche	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1009	2013	Chevrolet	Avalanche	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1010	2013	Chevrolet	Avalanche	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1011	2013	Chevrolet	Captiva Sport	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581304	ALL
1012	2013	Chevrolet	Captiva Sport	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
1013	2013	Chevrolet	Captiva Sport	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
1014	2013	Chevrolet	Captiva Sport	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581600	ALL
1015	2013	Chevrolet	Captiva Sport	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
1016	2013	Chevrolet	Captiva Sport	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
1017	2013	Chevrolet	Captiva Sport	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
1018	2013	Chevrolet	Captiva Sport	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591603	ALL
1019	2013	Chevrolet	Equinox	2.4	DGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
1020	2013	Chevrolet	Equinox	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
1021	2013	Chevrolet	Equinox	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
1022	2013	Chevrolet	Equinox	2.4	DGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
1023	2013	Chevrolet	Equinox	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
1024	2013	Chevrolet	Equinox	2.4	DGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
1025	2013	Chevrolet	Equinox	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1026	2013	Chevrolet	Equinox	2.4	DGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
1027	2013	Chevrolet	Equinox	2.4	DGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
1028	2013	Chevrolet	Equinox	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
1029	2013	Chevrolet	Equinox	2.4	DGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
1030	2013	Chevrolet	Equinox	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
1031	2013	Chevrolet	Equinox	3.6	DGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581881	ALL
1032	2013	Chevrolet	Equinox	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581881	ALL
1033	2013	Chevrolet	Equinox	3.6	DGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
1034	2013	Chevrolet	Equinox	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
1035	2013	Chevrolet	Equinox	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
1036	2013	Chevrolet	Equinox	3.6	DGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
1037	2013	Chevrolet	Equinox	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
1038	2013	Chevrolet	Equinox	3.6	DGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
1039	2013	Chevrolet	Equinox	3.6	DGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1040	2013	Chevrolet	Equinox	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1041	2013	Chevrolet	Equinox	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1042	2013	Chevrolet	Equinox	3.6	DGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1043	2013	Chevrolet	Express 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1044	2013	Chevrolet	Express 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1045	2013	Chevrolet	Express 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1046	2013	Chevrolet	Express 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1047	2013	Chevrolet	Express 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1048	2013	Chevrolet	Express 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1049	2013	Chevrolet	Express 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
1050	2013	Chevrolet	Express 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1051	2013	Chevrolet	Express 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1052	2013	Chevrolet	Express 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1053	2013	Chevrolet	Express 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1054	2013	Chevrolet	Express 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1055	2013	Chevrolet	Express 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1056	2013	Chevrolet	Express 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
1057	2013	Chevrolet	Express 2500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1058	2013	Chevrolet	Express 2500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
1059	2013	Chevrolet	Express 2500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1060	2013	Chevrolet	Express 2500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
1061	2013	Chevrolet	Express 2500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1062	2013	Chevrolet	Express 2500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
1063	2013	Chevrolet	Express 2500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1064	2013	Chevrolet	Express 2500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
1065	2013	Chevrolet	Express 3500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1066	2013	Chevrolet	Express 3500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1067	2013	Chevrolet	Express 3500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1068	2013	Chevrolet	Express 3500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
1069	2013	Chevrolet	Express 3500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1070	2013	Chevrolet	Express 3500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
1071	2013	Chevrolet	Express 3500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1072	2013	Chevrolet	Express 3500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
1073	2013	Chevrolet	Silverado 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1074	2013	Chevrolet	Silverado 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1075	2013	Chevrolet	Silverado 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1076	2013	Chevrolet	Silverado 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1077	2013	Chevrolet	Silverado 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1078	2013	Chevrolet	Silverado 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1079	2013	Chevrolet	Silverado 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1080	2013	Chevrolet	Silverado 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1081	2013	Chevrolet	Silverado 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1082	2013	Chevrolet	Silverado 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1083	2013	Chevrolet	Silverado 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1084	2013	Chevrolet	Silverado 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1085	2013	Chevrolet	Silverado 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1086	2013	Chevrolet	Silverado 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1087	2013	Chevrolet	Silverado 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1088	2013	Chevrolet	Silverado 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1089	2013	Chevrolet	Silverado 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1090	2013	Chevrolet	Silverado 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1091	2013	Chevrolet	Silverado 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1092	2013	Chevrolet	Silverado 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1093	2013	Chevrolet	Silverado 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1094	2013	Chevrolet	Silverado 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1095	2013	Chevrolet	Silverado 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1096	2013	Chevrolet	Silverado 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1097	2013	Chevrolet	Silverado 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1098	2013	Chevrolet	Silverado 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1099	2013	Chevrolet	Silverado 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1100	2013	Chevrolet	Silverado 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1101	2013	Chevrolet	Silverado 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1102	2013	Chevrolet	Silverado 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1103	2013	Chevrolet	Silverado 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1104	2013	Chevrolet	Silverado 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1105	2013	Chevrolet	Silverado 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1106	2013	Chevrolet	Silverado 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1107	2013	Chevrolet	Silverado 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1108	2013	Chevrolet	Silverado 2500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1109	2013	Chevrolet	Silverado 2500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
1110	2013	Chevrolet	Silverado 2500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1111	2013	Chevrolet	Silverado 2500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
1112	2013	Chevrolet	Silverado 3500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1113	2013	Chevrolet	Silverado 3500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
1114	2013	Chevrolet	Silverado 3500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1115	2013	Chevrolet	Silverado 3500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
1116	2013	Chevrolet	Suburban 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1117	2013	Chevrolet	Suburban 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1118	2013	Chevrolet	Suburban 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1119	2013	Chevrolet	Suburban 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1120	2013	Chevrolet	Suburban 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1121	2013	Chevrolet	Suburban 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1122	2013	Chevrolet	Suburban 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1123	2013	Chevrolet	Suburban 2500	6	DGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
1124	2013	Chevrolet	Suburban 2500	6	DGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
1125	2013	Chevrolet	Suburban 2500	6	DGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
1126	2013	Chevrolet	Suburban 2500	6	DGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
1127	2013	Chevrolet	Suburban 2500	6	DGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1128	2013	Chevrolet	Suburban 2500	6	DGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581480	ALL
1129	2013	Chevrolet	Tahoe	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1130	2013	Chevrolet	Tahoe	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1131	2013	Chevrolet	Tahoe	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1132	2013	Chevrolet	Tahoe	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1133	2013	Chevrolet	Tahoe	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1134	2013	Chevrolet	Tahoe	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1135	2013	Chevrolet	Tahoe	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1136	2013	Chevrolet	Tahoe	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1137	2013	Chevrolet	Tahoe	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1138	2013	Chevrolet	Tahoe	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1139	2013	Chevrolet	Tahoe	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1140	2013	Chevrolet	Tahoe	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1141	2013	Chevrolet	Tahoe	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1142	2013	Chevrolet	Tahoe	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1143	2013	Chevrolet	Traverse	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1144	2013	Chevrolet	Traverse	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1145	2013	Chevrolet	Traverse	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581613	ALL
1146	2013	Chevrolet	Traverse	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1147	2013	Chevrolet	Traverse	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1148	2013	Chevrolet	Traverse	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581614	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1149	2013	Chevrolet	Traverse	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1150	2013	Chevrolet	Traverse	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1151	2013	Chevrolet	Traverse	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591615	ALL
1152	2014	Chevrolet	Captiva Sport	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581304	ALL
1153	2014	Chevrolet	Captiva Sport	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
1154	2014	Chevrolet	Captiva Sport	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
1155	2014	Chevrolet	Captiva Sport	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581600	ALL
1156	2014	Chevrolet	Captiva Sport	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
1157	2014	Chevrolet	Captiva Sport	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
1158	2014	Chevrolet	Captiva Sport	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
1159	2014	Chevrolet	Captiva Sport	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591603	ALL
1160	2014	Chevrolet	Equinox	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
1161	2014	Chevrolet	Equinox	2.4	EGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
1162	2014	Chevrolet	Equinox	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
1163	2014	Chevrolet	Equinox	2.4	EGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
1164	2014	Chevrolet	Equinox	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
1165	2014	Chevrolet	Equinox	2.4	EGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
1166	2014	Chevrolet	Equinox	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
1167	2014	Chevrolet	Equinox	2.4	EGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
1168	2014	Chevrolet	Equinox	2.4	EGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
1169	2014	Chevrolet	Equinox	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
1170	2014	Chevrolet	Equinox	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
1171	2014	Chevrolet	Equinox	2.4	EGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
1172	2014	Chevrolet	Equinox	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581881	ALL
1173	2014	Chevrolet	Equinox	3.6	EGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581881	ALL
1174	2014	Chevrolet	Equinox	3.6	EGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
1175	2014	Chevrolet	Equinox	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
1176	2014	Chevrolet	Equinox	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
1177	2014	Chevrolet	Equinox	3.6	EGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
1178	2014	Chevrolet	Equinox	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
1179	2014	Chevrolet	Equinox	3.6	EGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
1180	2014	Chevrolet	Equinox	3.6	EGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1181	2014	Chevrolet	Equinox	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1182	2014	Chevrolet	Equinox	3.6	EGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1183	2014	Chevrolet	Equinox	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1184	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1185	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1186	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1187	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1188	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1189	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1190	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1191	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1192	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1193	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1194	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1195	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1196	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
1197	2014	Chevrolet	Express 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
1198	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1199	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1200	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1201	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1202	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1203	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1204	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1205	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1206	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1207	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1208	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1209	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1210	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
1211	2014	Chevrolet	Express 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
1212	2014	Chevrolet	Express 2500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1213	2014	Chevrolet	Express 2500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
1214	2014	Chevrolet	Express 2500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1215	2014	Chevrolet	Express 2500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
1216	2014	Chevrolet	Express 2500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1217	2014	Chevrolet	Express 2500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
1218	2014	Chevrolet	Express 2500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1219	2014	Chevrolet	Express 2500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
1220	2014	Chevrolet	Express 3500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1221	2014	Chevrolet	Express 3500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
1222	2014	Chevrolet	Express 3500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1223	2014	Chevrolet	Express 3500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
1224	2014	Chevrolet	Express 3500	6	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1225	2014	Chevrolet	Express 3500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1226	2014	Chevrolet	Express 3500	6	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
1227	2014	Chevrolet	Express 3500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
1228	2014	Chevrolet	Express 3500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1229	2014	Chevrolet	Express 3500	6	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1230	2014	Chevrolet	Express 3500	6	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1231	2014	Chevrolet	Express 3500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
1232	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
1233	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
1234	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1235	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1236	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1237	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1238	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
1239	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
1240	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1241	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1242	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1243	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1244	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1245	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1246	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1247	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1248	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581642	ALL
1249	2014	Chevrolet	Silverado 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581642	ALL
1250	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
1251	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
1252	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1253	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1254	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1255	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1256	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
1257	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
1258	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1259	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1260	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1261	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1262	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1263	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1264	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1265	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1266	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581642	ALL
1267	2014	Chevrolet	Silverado 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581642	ALL
1268	2014	Chevrolet	Silverado 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1269	2014	Chevrolet	Silverado 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1270	2014	Chevrolet	Silverado 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1271	2014	Chevrolet	Silverado 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1272	2014	Chevrolet	Silverado 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1273	2014	Chevrolet	Silverado 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1274	2014	Chevrolet	Silverado 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581619	ALL
1275	2014	Chevrolet	Silverado 2500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1276	2014	Chevrolet	Silverado 2500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
1277	2014	Chevrolet	Silverado 2500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1278	2014	Chevrolet	Silverado 2500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
1279	2014	Chevrolet	Silverado 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1280	2014	Chevrolet	Silverado 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV5	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
1281	2014	Chevrolet	Silverado 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV5	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
1282	2014	Chevrolet	Silverado 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
1283	2014	Chevrolet	Silverado 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV5	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1284	2014	Chevrolet	Silverado 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1285	2014	Chevrolet	Silverado 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV5	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
1286	2014	Chevrolet	Silverado 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
1287	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1288	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1289	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1290	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1291	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1292	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1293	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1294	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1295	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1296	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1297	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1298	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1299	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1300	2014	Chevrolet	Suburban 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1301	2014	Chevrolet	Tahoe	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1302	2014	Chevrolet	Tahoe	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1303	2014	Chevrolet	Tahoe	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1304	2014	Chevrolet	Tahoe	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1305	2014	Chevrolet	Tahoe	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1306	2014	Chevrolet	Tahoe	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1307	2014	Chevrolet	Tahoe	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1308	2014	Chevrolet	Tahoe	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1309	2014	Chevrolet	Tahoe	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1310	2014	Chevrolet	Tahoe	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1311	2014	Chevrolet	Tahoe	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1312	2014	Chevrolet	Tahoe	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1313	2014	Chevrolet	Tahoe	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1314	2014	Chevrolet	Tahoe	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1315	2014	Chevrolet	Traverse	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1316	2014	Chevrolet	Traverse	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1317	2014	Chevrolet	Traverse	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581613	ALL
1318	2014	Chevrolet	Traverse	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1319	2014	Chevrolet	Traverse	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1320	2014	Chevrolet	Traverse	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581614	ALL
1321	2014	Chevrolet	Traverse	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1322	2014	Chevrolet	Traverse	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1323	2014	Chevrolet	Traverse	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591615	ALL
1324	2004	Ford	Explorer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1325	2004	Ford	Explorer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1326	2004	Ford	Explorer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1327	2004	Ford	Explorer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1328	2004	Ford	Explorer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1329	2004	Ford	Explorer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1330	2004	Ford	Explorer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1331	2004	Ford	Explorer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1332	2004	Ford	Explorer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1333	2004	Ford	Explorer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1334	2004	Ford	Explorer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1335	2004	Ford	Explorer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1336	2004	Ford	Explorer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581108	ALL
1337	2004	Ford	Explorer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581108	ALL
1338	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581375	2WD
1339	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581375	4WD
1340	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581376	2WD
1341	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581376	4WD
1342	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581375	2WD
1343	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581375	4WD
1344	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581376	4WD
1345	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581376	2WD
1346	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591056	4WD
1347	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	2WD
1348	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	2WD
1349	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	2WD
1350	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	4WD
1351	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	2WD
1352	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	4WD
1353	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581238	4WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1354	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581705	2WD
1355	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581706	2WD
1356	2004	Ford	F-150	5.4	4FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581744	4WD
1357	2004	Ford	Ranger	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	F	DIRECT FIT	5581682	2WD
1358	2004	Ford	Ranger	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	2WD
1359	2004	Ford	Ranger	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1360	2004	Ford	Ranger	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1361	2004	Ford	Ranger	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	2WD
1362	2004	Ford	Ranger	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1363	2004	Ford	Ranger	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1364	2004	Ford	Ranger	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591121	ALL
1365	2004	Ford	Ranger	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1366	2005	Ford	E-350 Club Wagon	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1367	2005	Ford	E-350 Club Wagon	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1368	2005	Ford	E-350 Club Wagon	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1369	2005	Ford	E-350 Club Wagon	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1370	2005	Ford	E-350 Club Wagon	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1371	2005	Ford	E-350 Club Wagon	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1372	2005	Ford	E-350 Club Wagon	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1373	2005	Ford	E-350 Club Wagon	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1374	2005	Ford	E-350 Club Wagon	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581439	ALL
1375	2005	Ford	E-350 Super Duty	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1376	2005	Ford	E-350 Super Duty	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1377	2005	Ford	E-350 Super Duty	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1378	2005	Ford	E-350 Super Duty	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1379	2005	Ford	E-350 Super Duty	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1380	2005	Ford	E-350 Super Duty	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1381	2005	Ford	E-350 Super Duty	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1382	2005	Ford	E-350 Super Duty	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1383	2005	Ford	E-350 Super Duty	5.4	5FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581439	ALL
1384	2005	Ford	Explorer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1385	2005	Ford	Explorer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1386	2005	Ford	Explorer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1387	2005	Ford	Explorer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1388	2005	Ford	Explorer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1389	2005	Ford	Explorer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1390	2005	Ford	Explorer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581108	ALL
1391	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581375	2WD
1392	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581375	4WD
1393	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581376	4WD
1394	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581376	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1395	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581375	4WD
1396	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581375	2WD
1397	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581376	4WD
1398	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581376	2WD
1399	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591056	4WD
1400	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	2WD
1401	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	2WD
1402	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	2WD
1403	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	4WD
1404	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	2WD
1405	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	4WD
1406	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581238	4WD
1407	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581705	2WD
1408	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581706	2WD
1409	2005	Ford	F-150	5.4	5FMXT05.4R4P	LEV2 LEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581744	4WD
1410	2005	Ford	Ranger	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	F	DIRECT FIT	5581682	2WD
1411	2005	Ford	Ranger	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	2WD
1412	2005	Ford	Ranger	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1413	2005	Ford	Ranger	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1414	2005	Ford	Ranger	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	2WD
1415	2005	Ford	Ranger	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1416	2005	Ford	Ranger	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1417	2005	Ford	Ranger	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591121	ALL
1418	2005	Ford	Ranger	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1419	2006	Ford	E-250	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1420	2006	Ford	E-250	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1421	2006	Ford	E-250	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1422	2006	Ford	E-250	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1423	2006	Ford	E-250	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1424	2006	Ford	E-250	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1425	2006	Ford	E-250	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1426	2006	Ford	E-250	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1427	2006	Ford	E-250	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581439	ALL
1428	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1429	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1430	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1431	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1432	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1433	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1434	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1435	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1436	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1437	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1438	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1439	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1440	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1441	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1442	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1443	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1444	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4AM3	LEV2 LEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581439	ALL
1445	2006	Ford	E-350 Super Duty	5.4	6FMXT05.4ST2	LEV2 LEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581439	ALL
1446	2006	Ford	Ranger	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	F	DIRECT FIT	5581682	2WD
1447	2006	Ford	Ranger	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	2WD
1448	2006	Ford	Ranger	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1449	2006	Ford	Ranger	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1450	2006	Ford	Ranger	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	2WD
1451	2006	Ford	Ranger	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1452	2006	Ford	Ranger	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1453	2006	Ford	Ranger	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591121	ALL
1454	2006	Ford	Ranger	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1455	2007	Ford	E-150	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1456	2007	Ford	E-150	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1457	2007	Ford	E-150	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1458	2007	Ford	E-150	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1459	2007	Ford	E-150	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1460	2007	Ford	E-150	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1461	2007	Ford	E-150	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1462	2007	Ford	E-150	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1463	2007	Ford	E-150	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581640	ALL
1464	2007	Ford	E-150	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581311	ALL
1465	2007	Ford	E-150	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581310	ALL
1466	2007	Ford	E-150	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1467	2007	Ford	E-150	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1468	2007	Ford	E-150	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1469	2007	Ford	E-150	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1470	2007	Ford	E-150	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1471	2007	Ford	E-150	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1472	2007	Ford	E-150	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1473	2007	Ford	E-150	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1474	2007	Ford	E-150	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581439	ALL
1475	2007	Ford	E-250	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1476	2007	Ford	E-250	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1477	2007	Ford	E-250	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1478	2007	Ford	E-250	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1479	2007	Ford	E-250	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1480	2007	Ford	E-250	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1481	2007	Ford	E-250	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1482	2007	Ford	E-250	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1483	2007	Ford	E-250	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581640	ALL
1484	2007	Ford	E-250	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581311	ALL
1485	2007	Ford	E-250	4.6	7FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581310	ALL
1486	2007	Ford	E-250	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1487	2007	Ford	E-250	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1488	2007	Ford	E-250	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1489	2007	Ford	E-250	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1490	2007	Ford	E-250	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1491	2007	Ford	E-250	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1492	2007	Ford	E-250	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1493	2007	Ford	E-250	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1494	2007	Ford	E-250	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581439	ALL
1495	2007	Ford	E-350 Super Duty	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1496	2007	Ford	E-350 Super Duty	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1497	2007	Ford	E-350 Super Duty	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1498	2007	Ford	E-350 Super Duty	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1499	2007	Ford	E-350 Super Duty	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1500	2007	Ford	E-350 Super Duty	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1501	2007	Ford	E-350 Super Duty	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1502	2007	Ford	E-350 Super Duty	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1503	2007	Ford	E-350 Super Duty	5.4	7FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581439	ALL
1504	2007	Ford	E-350 Super Duty	6.8	7FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1505	2007	Ford	E-350 Super Duty	6.8	7FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1506	2007	Ford	E-350 Super Duty	6.8	7FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1507	2007	Ford	E-350 Super Duty	6.8	7FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1508	2007	Ford	E-350 Super Duty	6.8	7FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1509	2007	Ford	E-350 Super Duty	6.8	7FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1510	2007	Ford	E-350 Super Duty	6.8	7FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1511	2007	Ford	E-350 Super Duty	6.8	7FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1512	2007	Ford	E-350 Super Duty	6.8	7FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581439	ALL
1513	2008	Ford	E-150	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1514	2008	Ford	E-150	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1515	2008	Ford	E-150	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1516	2008	Ford	E-150	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1517	2008	Ford	E-150	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1518	2008	Ford	E-150	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1519	2008	Ford	E-150	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1520	2008	Ford	E-150	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1521	2008	Ford	E-150	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1522	2008	Ford	E-150	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1523	2008	Ford	E-150	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1524	2008	Ford	E-150	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1525	2008	Ford	E-150	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1526	2008	Ford	E-150	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1527	2008	Ford	E-150	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1528	2008	Ford	E-150	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1529	2008	Ford	E-150	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581640	ALL
1530	2008	Ford	E-150	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581640	ALL
1531	2008	Ford	E-150	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1532	2008	Ford	E-150	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1533	2008	Ford	E-150	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1534	2008	Ford	E-150	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1535	2008	Ford	E-150	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1536	2008	Ford	E-150	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1537	2008	Ford	E-150	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1538	2008	Ford	E-150	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1539	2008	Ford	E-150	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581439	ALL
1540	2008	Ford	E-250	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1541	2008	Ford	E-250	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1542	2008	Ford	E-250	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1543	2008	Ford	E-250	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1544	2008	Ford	E-250	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1545	2008	Ford	E-250	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1546	2008	Ford	E-250	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1547	2008	Ford	E-250	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1548	2008	Ford	E-250	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1549	2008	Ford	E-250	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1550	2008	Ford	E-250	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1551	2008	Ford	E-250	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1552	2008	Ford	E-250	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1553	2008	Ford	E-250	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1554	2008	Ford	E-250	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1555	2008	Ford	E-250	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1556	2008	Ford	E-250	4.6	8FMXT04.65HA	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581640	ALL
1557	2008	Ford	E-250	4.6	8FMXT04.65E9	LEV2 LEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581640	ALL
1558	2008	Ford	E-250	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1559	2008	Ford	E-250	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1560	2008	Ford	E-250	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1561	2008	Ford	E-250	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1562	2008	Ford	E-250	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1563	2008	Ford	E-250	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1564	2008	Ford	E-250	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1565	2008	Ford	E-250	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1566	2008	Ford	E-250	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581439	ALL
1567	2008	Ford	E-350 Super Duty	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1568	2008	Ford	E-350 Super Duty	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1569	2008	Ford	E-350 Super Duty	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1570	2008	Ford	E-350 Super Duty	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1571	2008	Ford	E-350 Super Duty	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1572	2008	Ford	E-350 Super Duty	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1573	2008	Ford	E-350 Super Duty	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1574	2008	Ford	E-350 Super Duty	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1575	2008	Ford	E-350 Super Duty	5.4	8FMXT05.45H2	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581439	ALL
1576	2008	Ford	E-350 Super Duty	6.8	8FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1577	2008	Ford	E-350 Super Duty	6.8	8FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1578	2008	Ford	E-350 Super Duty	6.8	8FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1579	2008	Ford	E-350 Super Duty	6.8	8FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1580	2008	Ford	E-350 Super Duty	6.8	8FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1581	2008	Ford	E-350 Super Duty	6.8	8FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1582	2008	Ford	E-350 Super Duty	6.8	8FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1583	2008	Ford	E-350 Super Duty	6.8	8FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1584	2008	Ford	E-350 Super Duty	6.8	8FMXT06.85HR	LEV2 LEV	MDV4	D	2TWC(2)	4	2	U	DIRECT FIT	5581439	ALL
1585	2013	Ford	Explorer	3.5	DFMXV03.5VEP	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581942	ALL
1586	2013	Ford	Explorer	3.5	DFMXV03.5VEP	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581957	ALL
1587	2013	Ford	Explorer	3.5	DFMXV03.5VEP	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591278	ALL
1588	2013	Ford	Explorer	3.5	DFMXV03.5VEP	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
1589	2013	Ford	Explorer	3.5	DFMXV03.5VEP	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1590	2013	Ford	Explorer	3.5	DFMXV03.5VEP	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1591	2014	Ford	Explorer	3.5	EFMXV03.5VEP	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581942	ALL
1592	2014	Ford	Explorer	3.5	EFMXV03.5VEP	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581957	ALL
1593	2014	Ford	Explorer	3.5	EFMXV03.5VEP	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591278	ALL
1594	2014	Ford	Explorer	3.5	EFMXV03.5VEP	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
1595	2014	Ford	Explorer	3.5	EFMXV03.5VEP	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1596	2014	Ford	Explorer	3.5	EFMXV03.5VEP	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1597	2007	GMC	Canyon	3.7	7GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
1598	2007	GMC	Canyon	3.7	7GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
1599	2007	GMC	Canyon	3.7	7GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1600	2007	GMC	Canyon	3.7	7GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
1601	2008	GMC	Canyon	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
1602	2008	GMC	Canyon	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
1603	2008	GMC	Canyon	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
1604	2008	GMC	Canyon	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
1605	2008	GMC	Envoy	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
1606	2008	GMC	Envoy	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
1607	2008	GMC	Envoy	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
1608	2008	GMC	Envoy	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
1609	2008	GMC	Envoy	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581222	ALL
1610	2009	GMC	Acadia	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581445	ALL
1611	2009	GMC	Acadia	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
1612	2009	GMC	Acadia	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1613	2009	GMC	Acadia	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1614	2009	GMC	Acadia	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581446	ALL
1615	2009	GMC	Acadia	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1616	2009	GMC	Acadia	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1617	2009	GMC	Acadia	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591579	ALL
1618	2009	GMC	Canyon	3.7	9GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
1619	2009	GMC	Canyon	3.7	9GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
1620	2009	GMC	Canyon	3.7	9GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
1621	2009	GMC	Canyon	3.7	9GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
1622	2009	GMC	Canyon	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1623	2009	GMC	Canyon	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1624	2009	GMC	Canyon	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1625	2009	GMC	Canyon	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1626	2009	GMC	Canyon	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1627	2009	GMC	Canyon	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1628	2009	GMC	Canyon	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1629	2009	GMC	Canyon	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1630	2009	GMC	Canyon	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581680	ALL
1631	2009	GMC	Canyon	5.3	9GMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581681	ALL
1632	2009	GMC	Envoy	4.2	9GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
1633	2009	GMC	Envoy	4.2	9GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
1634	2009	GMC	Envoy	4.2	9GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
1635	2009	GMC	Envoy	4.2	9GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
1636	2009	GMC	Envoy	4.2	9GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581222	ALL
1637	2009	GMC	Savana 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1638	2009	GMC	Savana 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1639	2009	GMC	Savana 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1640	2009	GMC	Savana 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1641	2009	GMC	Savana 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1642	2009	GMC	Savana 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1643	2009	GMC	Savana 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
1644	2009	GMC	Savana 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1645	2009	GMC	Savana 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1646	2009	GMC	Savana 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1647	2009	GMC	Savana 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1648	2009	GMC	Savana 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1649	2009	GMC	Savana 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1650	2009	GMC	Savana 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1651	2009	GMC	Savana 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1652	2009	GMC	Savana 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1653	2009	GMC	Savana 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1654	2009	GMC	Savana 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1655	2009	GMC	Savana 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1656	2009	GMC	Savana 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
1657	2009	GMC	Savana 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
1658	2009	GMC	Savana 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
1659	2009	GMC	Savana 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
1660	2009	GMC	Savana 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
1661	2009	GMC	Savana 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
1662	2009	GMC	Savana 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1663	2009	GMC	Savana 3500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
1664	2009	GMC	Savana 3500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
1665	2009	GMC	Savana 3500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
1666	2009	GMC	Savana 3500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
1667	2009	GMC	Savana 3500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1668	2009	GMC	Sierra 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1669	2009	GMC	Sierra 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1670	2009	GMC	Sierra 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1671	2009	GMC	Sierra 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1672	2009	GMC	Sierra 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1673	2009	GMC	Sierra 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1674	2009	GMC	Sierra 1500	4.3	9GMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1675	2009	GMC	Sierra 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1676	2009	GMC	Sierra 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1677	2009	GMC	Sierra 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1678	2009	GMC	Sierra 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1679	2009	GMC	Sierra 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1680	2009	GMC	Sierra 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1681	2009	GMC	Sierra 1500	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1682	2009	GMC	Sierra 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1683	2009	GMC	Sierra 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1684	2009	GMC	Sierra 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1685	2009	GMC	Sierra 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1686	2009	GMC	Sierra 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1687	2009	GMC	Sierra 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1688	2009	GMC	Sierra 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1689	2009	GMC	Sierra 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1690	2009	GMC	Sierra 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1691	2009	GMC	Sierra 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1692	2009	GMC	Sierra 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1693	2009	GMC	Sierra 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1694	2009	GMC	Sierra 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1695	2009	GMC	Sierra 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1696	2009	GMC	Sierra 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1697	2009	GMC	Sierra 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1698	2009	GMC	Sierra 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1699	2009	GMC	Sierra 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1700	2009	GMC	Sierra 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1701	2009	GMC	Sierra 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1702	2009	GMC	Sierra 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1703	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1704	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1705	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1706	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1707	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1708	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1709	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1710	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1711	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1712	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1713	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1714	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1715	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1716	2009	GMC	Yukon XL 1500	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1717	2009	GMC	Yukon XL 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1718	2009	GMC	Yukon XL 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1719	2009	GMC	Yukon XL 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1720	2009	GMC	Yukon XL 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1721	2009	GMC	Yukon XL 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1722	2009	GMC	Yukon XL 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1723	2009	GMC	Yukon XL 1500	6	9GMXT06.0382	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1724	2009	GMC	Yukon XL 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
1725	2009	GMC	Yukon XL 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
1726	2009	GMC	Yukon XL 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
1727	2009	GMC	Yukon XL 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
1728	2009	GMC	Yukon XL 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1729	2009	GMC	Yukon XL 2500	6	9GMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581480	ALL
1730	2009	GMC	Yukon	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1731	2009	GMC	Yukon	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1732	2009	GMC	Yukon	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1733	2009	GMC	Yukon	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1734	2009	GMC	Yukon	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1735	2009	GMC	Yukon	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1736	2009	GMC	Yukon	4.8	9GMXT05.3384	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1737	2009	GMC	Yukon	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1738	2009	GMC	Yukon	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1739	2009	GMC	Yukon	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1740	2009	GMC	Yukon	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1741	2009	GMC	Yukon	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1742	2009	GMC	Yukon	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1743	2009	GMC	Yukon	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1744	2009	GMC	Yukon	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1745	2009	GMC	Yukon	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1746	2009	GMC	Yukon	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1747	2009	GMC	Yukon	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1748	2009	GMC	Yukon	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1749	2009	GMC	Yukon	5.3	9GMXT05.3380	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1750	2009	GMC	Yukon	5.3	9GMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1751	2010	GMC	Acadia	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581445	ALL
1752	2010	GMC	Acadia	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
1753	2010	GMC	Acadia	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1754	2010	GMC	Acadia	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1755	2010	GMC	Acadia	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581446	ALL
1756	2010	GMC	Acadia	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1757	2010	GMC	Acadia	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1758	2010	GMC	Acadia	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591579	ALL
1759	2010	GMC	Canyon	3.7	AGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
1760	2010	GMC	Canyon	3.7	AGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
1761	2010	GMC	Canyon	3.7	AGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
1762	2010	GMC	Canyon	3.7	AGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
1763	2010	GMC	Canyon	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1764	2010	GMC	Canyon	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1765	2010	GMC	Canyon	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1766	2010	GMC	Canyon	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1767	2010	GMC	Canyon	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1768	2010	GMC	Canyon	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1769	2010	GMC	Canyon	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1770	2010	GMC	Canyon	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1771	2010	GMC	Canyon	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581680	ALL
1772	2010	GMC	Canyon	5.3	AGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581681	ALL
1773	2010	GMC	Savana 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1774	2010	GMC	Savana 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1775	2010	GMC	Savana 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1776	2010	GMC	Savana 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1777	2010	GMC	Savana 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1778	2010	GMC	Savana 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1779	2010	GMC	Savana 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
1780	2010	GMC	Savana 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1781	2010	GMC	Savana 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1782	2010	GMC	Savana 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1783	2010	GMC	Savana 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1784	2010	GMC	Savana 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1785	2010	GMC	Savana 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1786	2010	GMC	Savana 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
1787	2010	GMC	Sierra 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1788	2010	GMC	Sierra 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1789	2010	GMC	Sierra 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1790	2010	GMC	Sierra 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1791	2010	GMC	Sierra 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1792	2010	GMC	Sierra 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1793	2010	GMC	Sierra 1500	4.3	AGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1794	2010	GMC	Sierra 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1795	2010	GMC	Sierra 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1796	2010	GMC	Sierra 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1797	2010	GMC	Sierra 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1798	2010	GMC	Sierra 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1799	2010	GMC	Sierra 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1800	2010	GMC	Sierra 1500	4.8	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1801	2010	GMC	Sierra 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1802	2010	GMC	Sierra 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1803	2010	GMC	Sierra 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1804	2010	GMC	Sierra 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1805	2010	GMC	Sierra 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1806	2010	GMC	Sierra 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1807	2010	GMC	Sierra 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1808	2010	GMC	Sierra 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1809	2010	GMC	Sierra 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1810	2010	GMC	Sierra 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1811	2010	GMC	Sierra 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1812	2010	GMC	Sierra 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1813	2010	GMC	Sierra 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1814	2010	GMC	Sierra 1500	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1815	2010	GMC	Terrain	2.4	AGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
1816	2010	GMC	Terrain	2.4	AGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
1817	2010	GMC	Terrain	2.4	AGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
1818	2010	GMC	Terrain	2.4	AGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
1819	2010	GMC	Terrain	2.4	AGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
1820	2010	GMC	Terrain	2.4	AGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
1821	2010	GMC	Terrain	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581188	ALL
1822	2010	GMC	Terrain	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
1823	2010	GMC	Terrain	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
1824	2010	GMC	Terrain	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
1825	2010	GMC	Terrain	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1826	2010	GMC	Terrain	3	AGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1827	2010	GMC	Yukon XL 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1828	2010	GMC	Yukon XL 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1829	2010	GMC	Yukon XL 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1830	2010	GMC	Yukon XL 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1831	2010	GMC	Yukon XL 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1832	2010	GMC	Yukon XL 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1833	2010	GMC	Yukon XL 1500	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1834	2010	GMC	Yukon XL 2500	6	AGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
1835	2010	GMC	Yukon XL 2500	6	AGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
1836	2010	GMC	Yukon XL 2500	6	AGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
1837	2010	GMC	Yukon XL 2500	6	AGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
1838	2010	GMC	Yukon XL 2500	6	AGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1839	2010	GMC	Yukon XL 2500	6	AGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581480	ALL
1840	2010	GMC	Yukon	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1841	2010	GMC	Yukon	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1842	2010	GMC	Yukon	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1843	2010	GMC	Yukon	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1844	2010	GMC	Yukon	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1845	2010	GMC	Yukon	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1846	2010	GMC	Yukon	5.3	AGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1847	2010	GMC	Yukon	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1848	2010	GMC	Yukon	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1849	2010	GMC	Yukon	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1850	2010	GMC	Yukon	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1851	2010	GMC	Yukon	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1852	2010	GMC	Yukon	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1853	2010	GMC	Yukon	6	AGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1854	2011	GMC	Acadia	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581445	ALL
1855	2011	GMC	Acadia	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
1856	2011	GMC	Acadia	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1857	2011	GMC	Acadia	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1858	2011	GMC	Acadia	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581446	ALL
1859	2011	GMC	Acadia	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1860	2011	GMC	Acadia	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1861	2011	GMC	Acadia	3.6	BGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591579	ALL
1862	2011	GMC	Canyon	3.7	BGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
1863	2011	GMC	Canyon	3.7	BGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
1864	2011	GMC	Canyon	3.7	BGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
1865	2011	GMC	Canyon	3.7	BGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
1866	2011	GMC	Canyon	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1867	2011	GMC	Canyon	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1868	2011	GMC	Canyon	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
1869	2011	GMC	Canyon	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
1870	2011	GMC	Canyon	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
1871	2011	GMC	Canyon	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
1872	2011	GMC	Canyon	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
1873	2011	GMC	Canyon	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
1874	2011	GMC	Canyon	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581680	ALL
1875	2011	GMC	Canyon	5.3	BGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581681	ALL
1876	2011	GMC	Savana 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1877	2011	GMC	Savana 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1878	2011	GMC	Savana 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1879	2011	GMC	Savana 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1880	2011	GMC	Savana 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1881	2011	GMC	Savana 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1882	2011	GMC	Savana 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
1883	2011	GMC	Savana 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1884	2011	GMC	Savana 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1885	2011	GMC	Savana 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1886	2011	GMC	Savana 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1887	2011	GMC	Savana 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1888	2011	GMC	Savana 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1889	2011	GMC	Savana 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
1890	2011	GMC	Sierra 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1891	2011	GMC	Sierra 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1892	2011	GMC	Sierra 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1893	2011	GMC	Sierra 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1894	2011	GMC	Sierra 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1895	2011	GMC	Sierra 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1896	2011	GMC	Sierra 1500	4.3	BGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1897	2011	GMC	Sierra 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1898	2011	GMC	Sierra 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1899	2011	GMC	Sierra 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1900	2011	GMC	Sierra 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1901	2011	GMC	Sierra 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1902	2011	GMC	Sierra 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1903	2011	GMC	Sierra 1500	4.8	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1904	2011	GMC	Sierra 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1905	2011	GMC	Sierra 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1906	2011	GMC	Sierra 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1907	2011	GMC	Sierra 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1908	2011	GMC	Sierra 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1909	2011	GMC	Sierra 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1910	2011	GMC	Sierra 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1911	2011	GMC	Sierra 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1912	2011	GMC	Sierra 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1913	2011	GMC	Sierra 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1914	2011	GMC	Sierra 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1915	2011	GMC	Sierra 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1916	2011	GMC	Sierra 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1917	2011	GMC	Sierra 1500	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1918	2011	GMC	Sierra 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1919	2011	GMC	Sierra 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1920	2011	GMC	Sierra 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1921	2011	GMC	Sierra 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1922	2011	GMC	Sierra 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1923	2011	GMC	Sierra 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1924	2011	GMC	Sierra 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
1925	2011	GMC	Terrain	2.4	BGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
1926	2011	GMC	Terrain	2.4	BGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
1927	2011	GMC	Terrain	2.4	BGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL

Appendix D-193-138
Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1928	2011	GMC	Terrain	2.4	BGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
1929	2011	GMC	Terrain	2.4	BGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
1930	2011	GMC	Terrain	2.4	BGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
1931	2011	GMC	Terrain	3	BGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581188	ALL
1932	2011	GMC	Terrain	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581188	ALL
1933	2011	GMC	Terrain	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
1934	2011	GMC	Terrain	3	BGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
1935	2011	GMC	Terrain	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
1936	2011	GMC	Terrain	3	BGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
1937	2011	GMC	Terrain	3	BGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
1938	2011	GMC	Terrain	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
1939	2011	GMC	Terrain	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1940	2011	GMC	Terrain	3	BGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1941	2011	GMC	Terrain	3	BGMXJ03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1942	2011	GMC	Terrain	3	BGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1943	2011	GMC	Yukon XL 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1944	2011	GMC	Yukon XL 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1945	2011	GMC	Yukon XL 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1946	2011	GMC	Yukon XL 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1947	2011	GMC	Yukon XL 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1948	2011	GMC	Yukon XL 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1949	2011	GMC	Yukon XL 1500	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
1950	2011	GMC	Yukon XL 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1951	2011	GMC	Yukon XL 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1952	2011	GMC	Yukon XL 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1953	2011	GMC	Yukon XL 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1954	2011	GMC	Yukon XL 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1955	2011	GMC	Yukon XL 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1956	2011	GMC	Yukon XL 1500	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
1957	2011	GMC	Yukon XL 2500	6	BGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
1958	2011	GMC	Yukon XL 2500	6	BGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
1959	2011	GMC	Yukon XL 2500	6	BGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
1960	2011	GMC	Yukon XL 2500	6	BGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
1961	2011	GMC	Yukon XL 2500	6	BGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
1962	2011	GMC	Yukon XL 2500	6	BGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581480	ALL
1963	2011	GMC	Yukon	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1964	2011	GMC	Yukon	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1965	2011	GMC	Yukon	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1966	2011	GMC	Yukon	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1967	2011	GMC	Yukon	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1968	2011	GMC	Yukon	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1969	2011	GMC	Yukon	5.3	BGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1970	2011	GMC	Yukon	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
1971	2011	GMC	Yukon	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
1972	2011	GMC	Yukon	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
1973	2011	GMC	Yukon	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
1974	2011	GMC	Yukon	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
1975	2011	GMC	Yukon	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
1976	2011	GMC	Yukon	6	BGMXT06.0372	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
1977	2011	GMC	Yukon	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1978	2011	GMC	Yukon	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1979	2011	GMC	Yukon	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1980	2011	GMC	Yukon	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1981	2011	GMC	Yukon	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1982	2011	GMC	Yukon	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1983	2011	GMC	Yukon	6.2	BGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
1984	2012	GMC	Acadia	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
1985	2012	GMC	Acadia	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
1986	2012	GMC	Acadia	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581613	ALL
1987	2012	GMC	Acadia	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
1988	2012	GMC	Acadia	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
1989	2012	GMC	Acadia	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581614	ALL
1990	2012	GMC	Acadia	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
1991	2012	GMC	Acadia	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
1992	2012	GMC	Acadia	3.6	CGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591615	ALL
1993	2012	GMC	Canyon	3.7	CGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
1994	2012	GMC	Canyon	3.7	CGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
1995	2012	GMC	Canyon	3.7	CGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
1996	2012	GMC	Canyon	3.7	CGMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
1997	2012	GMC	Canyon	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
1998	2012	GMC	Canyon	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
1999	2012	GMC	Canyon	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
2000	2012	GMC	Canyon	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
2001	2012	GMC	Canyon	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
2002	2012	GMC	Canyon	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
2003	2012	GMC	Canyon	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
2004	2012	GMC	Canyon	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
2005	2012	GMC	Canyon	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581680	ALL
2006	2012	GMC	Canyon	5.3	CGMXT05.3377	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581681	ALL
2007	2012	GMC	Savana 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2008	2012	GMC	Savana 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2009	2012	GMC	Savana 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2010	2012	GMC	Savana 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2011	2012	GMC	Savana 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2012	2012	GMC	Savana 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2013	2012	GMC	Savana 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
2014	2012	GMC	Savana 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2015	2012	GMC	Savana 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2016	2012	GMC	Savana 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2017	2012	GMC	Savana 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2018	2012	GMC	Savana 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2019	2012	GMC	Savana 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2020	2012	GMC	Savana 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
2021	2012	GMC	Savana 2500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2022	2012	GMC	Savana 2500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2023	2012	GMC	Savana 2500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2024	2012	GMC	Savana 2500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
2025	2012	GMC	Savana 2500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2026	2012	GMC	Savana 2500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2027	2012	GMC	Savana 2500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2028	2012	GMC	Savana 2500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
2029	2012	GMC	Savana 3500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2030	2012	GMC	Savana 3500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2031	2012	GMC	Savana 3500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2032	2012	GMC	Savana 3500	4.8	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
2033	2012	GMC	Savana 3500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2034	2012	GMC	Savana 3500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2035	2012	GMC	Savana 3500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2036	2012	GMC	Savana 3500	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
2037	2012	GMC	Sierra 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2038	2012	GMC	Sierra 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2039	2012	GMC	Sierra 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2040	2012	GMC	Sierra 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2041	2012	GMC	Sierra 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2042	2012	GMC	Sierra 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2043	2012	GMC	Sierra 1500	4.3	CGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
2044	2012	GMC	Sierra 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2045	2012	GMC	Sierra 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2046	2012	GMC	Sierra 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2047	2012	GMC	Sierra 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2048	2012	GMC	Sierra 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2049	2012	GMC	Sierra 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2050	2012	GMC	Sierra 1500	4.8	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2051	2012	GMC	Sierra 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2052	2012	GMC	Sierra 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2053	2012	GMC	Sierra 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2054	2012	GMC	Sierra 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2055	2012	GMC	Sierra 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2056	2012	GMC	Sierra 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2057	2012	GMC	Sierra 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
2058	2012	GMC	Sierra 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2059	2012	GMC	Sierra 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2060	2012	GMC	Sierra 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2061	2012	GMC	Sierra 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2062	2012	GMC	Sierra 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2063	2012	GMC	Sierra 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2064	2012	GMC	Sierra 1500	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
2065	2012	GMC	Sierra 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2066	2012	GMC	Sierra 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2067	2012	GMC	Sierra 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2068	2012	GMC	Sierra 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2069	2012	GMC	Sierra 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2070	2012	GMC	Sierra 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2071	2012	GMC	Sierra 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
2072	2012	GMC	Sierra 2500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2073	2012	GMC	Sierra 2500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2074	2012	GMC	Sierra 2500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2075	2012	GMC	Sierra 2500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
2076	2012	GMC	Sierra 3500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2077	2012	GMC	Sierra 3500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2078	2012	GMC	Sierra 3500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2079	2012	GMC	Sierra 3500 HD	6	CGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
2080	2012	GMC	Terrain	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
2081	2012	GMC	Terrain	2.4	CGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
2082	2012	GMC	Terrain	2.4	CGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
2083	2012	GMC	Terrain	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
2084	2012	GMC	Terrain	2.4	CGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
2085	2012	GMC	Terrain	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
2086	2012	GMC	Terrain	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
2087	2012	GMC	Terrain	2.4	CGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
2088	2012	GMC	Terrain	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
2089	2012	GMC	Terrain	2.4	CGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
2090	2012	GMC	Terrain	2.4	CGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
2091	2012	GMC	Terrain	2.4	CGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2092	2012	GMC	Terrain	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581881	ALL
2093	2012	GMC	Terrain	3	CGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581881	ALL
2094	2012	GMC	Terrain	3	CGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
2095	2012	GMC	Terrain	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
2096	2012	GMC	Terrain	3	CGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
2097	2012	GMC	Terrain	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
2098	2012	GMC	Terrain	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
2099	2012	GMC	Terrain	3	CGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
2100	2012	GMC	Terrain	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2101	2012	GMC	Terrain	3	CGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2102	2012	GMC	Terrain	3	CGMXT03.0157	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2103	2012	GMC	Terrain	3	CGMXT03.0159	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2104	2012	GMC	Yukon XL 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2105	2012	GMC	Yukon XL 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2106	2012	GMC	Yukon XL 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2107	2012	GMC	Yukon XL 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2108	2012	GMC	Yukon XL 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2109	2012	GMC	Yukon XL 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2110	2012	GMC	Yukon XL 1500	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
2111	2012	GMC	Yukon XL 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2112	2012	GMC	Yukon XL 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2113	2012	GMC	Yukon XL 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2114	2012	GMC	Yukon XL 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2115	2012	GMC	Yukon XL 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2116	2012	GMC	Yukon XL 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2117	2012	GMC	Yukon XL 1500	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
2118	2012	GMC	Yukon XL 2500	6	CGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
2119	2012	GMC	Yukon XL 2500	6	CGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
2120	2012	GMC	Yukon XL 2500	6	CGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
2121	2012	GMC	Yukon XL 2500	6	CGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
2122	2012	GMC	Yukon XL 2500	6	CGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2123	2012	GMC	Yukon XL 2500	6	CGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581480	ALL
2124	2012	GMC	Yukon	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
2125	2012	GMC	Yukon	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
2126	2012	GMC	Yukon	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
2127	2012	GMC	Yukon	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
2128	2012	GMC	Yukon	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
2129	2012	GMC	Yukon	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
2130	2012	GMC	Yukon	5.3	CGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
2131	2012	GMC	Yukon	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
2132	2012	GMC	Yukon	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2133	2012	GMC	Yukon	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
2134	2012	GMC	Yukon	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
2135	2012	GMC	Yukon	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
2136	2012	GMC	Yukon	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
2137	2012	GMC	Yukon	6	CGMXT06.0372	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
2138	2012	GMC	Yukon	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2139	2012	GMC	Yukon	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2140	2012	GMC	Yukon	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2141	2012	GMC	Yukon	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2142	2012	GMC	Yukon	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2143	2012	GMC	Yukon	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2144	2012	GMC	Yukon	6.2	CGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
2145	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2146	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2147	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2148	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2149	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581613	ALL
2150	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581613	ALL
2151	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2152	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2153	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2154	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2155	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581614	ALL
2156	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581614	ALL
2157	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2158	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2159	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2160	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2161	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591615	ALL
2162	2013	GMC	Acadia	3.6	DGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591615	ALL
2163	2013	GMC	Savana 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2164	2013	GMC	Savana 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2165	2013	GMC	Savana 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2166	2013	GMC	Savana 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2167	2013	GMC	Savana 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2168	2013	GMC	Savana 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2169	2013	GMC	Savana 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
2170	2013	GMC	Savana 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2171	2013	GMC	Savana 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2172	2013	GMC	Savana 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2173	2013	GMC	Savana 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2174	2013	GMC	Savana 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2175	2013	GMC	Savana 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2176	2013	GMC	Savana 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
2177	2013	GMC	Savana 2500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2178	2013	GMC	Savana 2500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2179	2013	GMC	Savana 2500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2180	2013	GMC	Savana 2500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
2181	2013	GMC	Savana 2500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2182	2013	GMC	Savana 2500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2183	2013	GMC	Savana 2500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2184	2013	GMC	Savana 2500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
2185	2013	GMC	Savana 3500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2186	2013	GMC	Savana 3500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2187	2013	GMC	Savana 3500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2188	2013	GMC	Savana 3500	4.8	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
2189	2013	GMC	Savana 3500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2190	2013	GMC	Savana 3500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2191	2013	GMC	Savana 3500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2192	2013	GMC	Savana 3500	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
2193	2013	GMC	Sierra 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2194	2013	GMC	Sierra 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2195	2013	GMC	Sierra 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2196	2013	GMC	Sierra 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2197	2013	GMC	Sierra 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2198	2013	GMC	Sierra 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2199	2013	GMC	Sierra 1500	4.3	DGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
2200	2013	GMC	Sierra 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2201	2013	GMC	Sierra 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2202	2013	GMC	Sierra 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2203	2013	GMC	Sierra 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2204	2013	GMC	Sierra 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2205	2013	GMC	Sierra 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2206	2013	GMC	Sierra 1500	4.8	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
2207	2013	GMC	Sierra 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2208	2013	GMC	Sierra 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2209	2013	GMC	Sierra 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2210	2013	GMC	Sierra 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2211	2013	GMC	Sierra 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2212	2013	GMC	Sierra 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2213	2013	GMC	Sierra 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
2214	2013	GMC	Sierra 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2215	2013	GMC	Sierra 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2216	2013	GMC	Sierra 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2217	2013	GMC	Sierra 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2218	2013	GMC	Sierra 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2219	2013	GMC	Sierra 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2220	2013	GMC	Sierra 1500	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
2221	2013	GMC	Sierra 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2222	2013	GMC	Sierra 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2223	2013	GMC	Sierra 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2224	2013	GMC	Sierra 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2225	2013	GMC	Sierra 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2226	2013	GMC	Sierra 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2227	2013	GMC	Sierra 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
2228	2013	GMC	Sierra 2500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2229	2013	GMC	Sierra 2500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2230	2013	GMC	Sierra 2500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2231	2013	GMC	Sierra 2500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
2232	2013	GMC	Sierra 3500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2233	2013	GMC	Sierra 3500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2234	2013	GMC	Sierra 3500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2235	2013	GMC	Sierra 3500 HD	6	DGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
2236	2013	GMC	Terrain	2.4	DGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
2237	2013	GMC	Terrain	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
2238	2013	GMC	Terrain	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
2239	2013	GMC	Terrain	2.4	DGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
2240	2013	GMC	Terrain	2.4	DGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
2241	2013	GMC	Terrain	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
2242	2013	GMC	Terrain	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
2243	2013	GMC	Terrain	2.4	DGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
2244	2013	GMC	Terrain	2.4	DGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
2245	2013	GMC	Terrain	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
2246	2013	GMC	Terrain	2.4	DGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
2247	2013	GMC	Terrain	2.4	DGMXJ02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
2248	2013	GMC	Terrain	3.6	DGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581881	ALL
2249	2013	GMC	Terrain	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581881	ALL
2250	2013	GMC	Terrain	3.6	DGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
2251	2013	GMC	Terrain	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
2252	2013	GMC	Terrain	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
2253	2013	GMC	Terrain	3.6	DGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
2254	2013	GMC	Terrain	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
2255	2013	GMC	Terrain	3.6	DGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2256	2013	GMC	Terrain	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2257	2013	GMC	Terrain	3.6	DGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2258	2013	GMC	Terrain	3.6	DGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2259	2013	GMC	Terrain	3.6	DGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2260	2013	GMC	Yukon XL 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2261	2013	GMC	Yukon XL 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2262	2013	GMC	Yukon XL 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2263	2013	GMC	Yukon XL 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2264	2013	GMC	Yukon XL 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2265	2013	GMC	Yukon XL 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2266	2013	GMC	Yukon XL 1500	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
2267	2013	GMC	Yukon XL 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2268	2013	GMC	Yukon XL 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2269	2013	GMC	Yukon XL 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2270	2013	GMC	Yukon XL 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2271	2013	GMC	Yukon XL 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2272	2013	GMC	Yukon XL 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2273	2013	GMC	Yukon XL 1500	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
2274	2013	GMC	Yukon XL 2500	6	DGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
2275	2013	GMC	Yukon XL 2500	6	DGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
2276	2013	GMC	Yukon XL 2500	6	DGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
2277	2013	GMC	Yukon XL 2500	6	DGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
2278	2013	GMC	Yukon XL 2500	6	DGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2279	2013	GMC	Yukon XL 2500	6	DGMXT06.0395	LEV2 SULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581480	ALL
2280	2013	GMC	Yukon	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
2281	2013	GMC	Yukon	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
2282	2013	GMC	Yukon	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
2283	2013	GMC	Yukon	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
2284	2013	GMC	Yukon	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
2285	2013	GMC	Yukon	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
2286	2013	GMC	Yukon	5.3	DGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
2287	2013	GMC	Yukon	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
2288	2013	GMC	Yukon	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
2289	2013	GMC	Yukon	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
2290	2013	GMC	Yukon	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
2291	2013	GMC	Yukon	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
2292	2013	GMC	Yukon	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
2293	2013	GMC	Yukon	6	DGMXT06.0372	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
2294	2013	GMC	Yukon	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2295	2013	GMC	Yukon	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2296	2013	GMC	Yukon	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2297	2013	GMC	Yukon	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2298	2013	GMC	Yukon	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2299	2013	GMC	Yukon	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2300	2013	GMC	Yukon	6.2	DGMXT06.2374	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
2301	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2302	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2303	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2304	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2305	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581613	ALL
2306	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581613	ALL
2307	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2308	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2309	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2310	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2311	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581614	ALL
2312	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581614	ALL
2313	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2314	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2315	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2316	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2317	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591615	ALL
2318	2014	GMC	Acadia	3.6	EGMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591615	ALL
2319	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2320	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2321	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2322	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2323	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2324	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2325	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2326	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2327	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2328	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2329	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2330	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2331	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
2332	2014	GMC	Savana 1500	4.3	EGMXT04.3186	LEV2 LEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
2333	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2334	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2335	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2336	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2337	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2338	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2339	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2340	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2341	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2342	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2343	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2344	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2345	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
2346	2014	GMC	Savana 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581134	ALL
2347	2014	GMC	Savana 2500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2348	2014	GMC	Savana 2500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2349	2014	GMC	Savana 2500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2350	2014	GMC	Savana 2500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
2351	2014	GMC	Savana 2500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2352	2014	GMC	Savana 2500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2353	2014	GMC	Savana 2500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2354	2014	GMC	Savana 2500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
2355	2014	GMC	Savana 3500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2356	2014	GMC	Savana 3500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2357	2014	GMC	Savana 3500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2358	2014	GMC	Savana 3500	4.8	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
2359	2014	GMC	Savana 3500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2360	2014	GMC	Savana 3500	6	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2361	2014	GMC	Savana 3500	6	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2362	2014	GMC	Savana 3500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2363	2014	GMC	Savana 3500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2364	2014	GMC	Savana 3500	6	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2365	2014	GMC	Savana 3500	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
2366	2014	GMC	Savana 3500	6	EGMXT06.0394	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581113	ALL
2367	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
2368	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
2369	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2370	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2371	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2372	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2373	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
2374	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
2375	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2376	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2377	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2378	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2379	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2380	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2381	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2382	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2383	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581642	ALL
2384	2014	GMC	Sierra 1500	4.3	EGMXT04.3187	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581642	ALL
2385	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
2386	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
2387	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2388	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2389	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2390	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2391	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
2392	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
2393	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2394	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2395	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2396	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2397	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2398	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2399	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2400	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2401	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581642	ALL
2402	2014	GMC	Sierra 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581642	ALL
2403	2014	GMC	Sierra 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2404	2014	GMC	Sierra 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2405	2014	GMC	Sierra 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2406	2014	GMC	Sierra 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2407	2014	GMC	Sierra 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2408	2014	GMC	Sierra 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2409	2014	GMC	Sierra 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581619	ALL
2410	2014	GMC	Sierra 2500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2411	2014	GMC	Sierra 2500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2412	2014	GMC	Sierra 2500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2413	2014	GMC	Sierra 2500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
2414	2014	GMC	Sierra 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV5	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2415	2014	GMC	Sierra 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV5	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581309	ALL
2416	2014	GMC	Sierra 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2417	2014	GMC	Sierra 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV5	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581309	ALL
2418	2014	GMC	Sierra 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
2419	2014	GMC	Sierra 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV5	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2420	2014	GMC	Sierra 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV5	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
2421	2014	GMC	Sierra 3500 HD	6	EGMXT06.0396	LEV2 ULEV	MDV4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581812	ALL
2422	2014	GMC	Terrain	2.4	EGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
2423	2014	GMC	Terrain	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
2424	2014	GMC	Terrain	2.4	EGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
2425	2014	GMC	Terrain	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
2426	2014	GMC	Terrain	2.4	EGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
2427	2014	GMC	Terrain	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581941	ALL
2428	2014	GMC	Terrain	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
2429	2014	GMC	Terrain	2.4	EGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
2430	2014	GMC	Terrain	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
2431	2014	GMC	Terrain	2.4	EGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
2432	2014	GMC	Terrain	2.4	EGMXT02.4151	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
2433	2014	GMC	Terrain	2.4	EGMXJ02.4199	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591804	ALL
2434	2014	GMC	Terrain	3.6	EGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581881	ALL
2435	2014	GMC	Terrain	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581881	ALL
2436	2014	GMC	Terrain	3.6	EGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
2437	2014	GMC	Terrain	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581189	ALL
2438	2014	GMC	Terrain	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
2439	2014	GMC	Terrain	3.6	EGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591103	ALL
2440	2014	GMC	Terrain	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
2441	2014	GMC	Terrain	3.6	EGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
2442	2014	GMC	Terrain	3.6	EGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2443	2014	GMC	Terrain	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2444	2014	GMC	Terrain	3.6	EGMXJ03.6165	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2445	2014	GMC	Terrain	3.6	EGMXJ03.6166	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2446	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2447	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2448	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2449	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2450	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2451	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2452	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2453	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2454	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2455	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2456	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2457	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2458	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
2459	2014	GMC	Yukon XL 1500	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	ALL
2460	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2461	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2462	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2463	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2464	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2465	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2466	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2467	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2468	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2469	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2470	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2471	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2472	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
2473	2014	GMC	Yukon XL 1500	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
2474	2014	GMC	Yukon	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
2475	2014	GMC	Yukon	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
2476	2014	GMC	Yukon	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
2477	2014	GMC	Yukon	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
2478	2014	GMC	Yukon	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
2479	2014	GMC	Yukon	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
2480	2014	GMC	Yukon	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
2481	2014	GMC	Yukon	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
2482	2014	GMC	Yukon	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
2483	2014	GMC	Yukon	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	2WD
2484	2014	GMC	Yukon	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
2485	2014	GMC	Yukon	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	2WD
2486	2014	GMC	Yukon	5.3	EGMXT05.3382	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
2487	2014	GMC	Yukon	5.3	EGMXT05.3381	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581578	2WD
2488	2014	GMC	Yukon	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2489	2014	GMC	Yukon	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
2490	2014	GMC	Yukon	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2491	2014	GMC	Yukon	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
2492	2014	GMC	Yukon	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2493	2014	GMC	Yukon	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
2494	2014	GMC	Yukon	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2495	2014	GMC	Yukon	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
2496	2014	GMC	Yukon	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2497	2014	GMC	Yukon	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2498	2014	GMC	Yukon	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2499	2014	GMC	Yukon	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2500	2014	GMC	Yukon	6.2	EGMXT06.2373	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL
2501	2014	GMC	Yukon	6.2	EGMXT06.2374	LEV2 ULEV	LDT4	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581616	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2502	2005	Honda	Odyssey	3.5	5HNXT03.5AB4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2503	2005	Honda	Odyssey	3.5	5HNXT03.5AB4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2504	2005	Honda	Odyssey	3.5	5HNXT03.5AB4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2505	2005	Honda	Odyssey	3.5	5HNXT03.5AB4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2506	2005	Honda	Odyssey	3.5	5HNXT03.5AB4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2507	2005	Honda	Odyssey	3.5	5HNXT03.5AB4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2508	2005	Honda	Pilot	3.5	5HNXT03.55B4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2509	2005	Honda	Pilot	3.5	5HNXT03.55B4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2510	2005	Honda	Pilot	3.5	5HNXT03.55B4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2511	2005	Honda	Pilot	3.5	5HNXT03.55B4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2512	2005	Honda	Pilot	3.5	5HNXT03.55B4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2513	2005	Honda	Pilot	3.5	5HNXT03.55B4	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2514	2006	Honda	Odyssey	3.5	6HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2515	2006	Honda	Odyssey	3.5	6HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2516	2006	Honda	Odyssey	3.5	6HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2517	2006	Honda	Odyssey	3.5	6HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2518	2006	Honda	Odyssey	3.5	6HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2519	2006	Honda	Odyssey	3.5	6HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2520	2006	Honda	Pilot	3.5	6HNXT03.5RKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2521	2006	Honda	Pilot	3.5	6HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2522	2006	Honda	Pilot	3.5	6HNXT03.5RKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2523	2006	Honda	Pilot	3.5	6HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2524	2006	Honda	Pilot	3.5	6HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2525	2006	Honda	Pilot	3.5	6HNXT03.5RKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2526	2006	Honda	Pilot	3.5	6HNXT03.5RKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2527	2006	Honda	Pilot	3.5	6HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2528	2006	Honda	Pilot	3.5	6HNXT03.5RKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2529	2006	Honda	Pilot	3.5	6HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2530	2006	Honda	Pilot	3.5	6HNXT03.5RKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2531	2006	Honda	Pilot	3.5	6HNXT03.5TKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2532	2006	Honda	Ridgeline	3.5	6HNXT03.5AKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2533	2006	Honda	Ridgeline	3.5	6HNXT03.5AKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2534	2006	Honda	Ridgeline	3.5	6HNXT03.5AKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2535	2006	Honda	Ridgeline	3.5	6HNXT03.5AKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2536	2006	Honda	Ridgeline	3.5	6HNXT03.5AKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2537	2006	Honda	Ridgeline	3.5	6HNXT03.5AKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2538	2007	Honda	Odyssey	3.5	7HNXT03.5VKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2539	2007	Honda	Odyssey	3.5	7HNXT03.5VKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2540	2007	Honda	Odyssey	3.5	7HNXT03.5VKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2541	2007	Honda	Odyssey	3.5	7HNXT03.5VKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2542	2007	Honda	Odyssey	3.5	7HNXT03.5VKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2543	2007	Honda	Odyssey	3.5	7HNXT03.5VKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2544	2007	Honda	Pilot	3.5	7HNXT03.5WKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2545	2007	Honda	Pilot	3.5	7HNXT03.5VKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2546	2007	Honda	Pilot	3.5	7HNXT03.5WKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2547	2007	Honda	Pilot	3.5	7HNXT03.5VKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2548	2007	Honda	Pilot	3.5	7HNXT03.5WKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2549	2007	Honda	Pilot	3.5	7HNXT03.5VKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2550	2007	Honda	Pilot	3.5	7HNXT03.5WKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2551	2007	Honda	Pilot	3.5	7HNXT03.5VKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2552	2007	Honda	Pilot	3.5	7HNXT03.5VKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2553	2007	Honda	Pilot	3.5	7HNXT03.5WKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2554	2007	Honda	Pilot	3.5	7HNXT03.5VKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2555	2007	Honda	Pilot	3.5	7HNXT03.5WKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2556	2007	Honda	Ridgeline	3.5	7HNXT03.5TKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2557	2007	Honda	Ridgeline	3.5	7HNXT03.5TKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2558	2007	Honda	Ridgeline	3.5	7HNXT03.5TKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2559	2007	Honda	Ridgeline	3.5	7HNXT03.5TKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2560	2007	Honda	Ridgeline	3.5	7HNXT03.5TKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2561	2007	Honda	Ridgeline	3.5	7HNXT03.5TKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2562	2008	Honda	Odyssey	3.5	8HNXT03.54KR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2563	2008	Honda	Odyssey	3.5	8HNXT03.54KR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2564	2008	Honda	Odyssey	3.5	8HNXT03.54KR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2565	2008	Honda	Odyssey	3.5	8HNXT03.54KR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2566	2008	Honda	Odyssey	3.5	8HNXT03.54KR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2567	2008	Honda	Odyssey	3.5	8HNXT03.54KR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2568	2008	Honda	Odyssey	3.5	8HNXT03.54KR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2569	2008	Honda	Odyssey	3.5	8HNXT03.54KR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2570	2008	Honda	Pilot	3.5	8HNXT03.5NKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2571	2008	Honda	Pilot	3.5	8HNXT03.5NKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2572	2008	Honda	Pilot	3.5	8HNXT03.5NKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2573	2008	Honda	Pilot	3.5	8HNXT03.5NKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2574	2008	Honda	Pilot	3.5	8HNXT03.5NKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2575	2008	Honda	Pilot	3.5	8HNXT03.5NKR	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2576	2008	Honda	Ridgeline	3.5	8HNXT03.5MKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2577	2008	Honda	Ridgeline	3.5	8HNXT03.5MKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2578	2008	Honda	Ridgeline	3.5	8HNXT03.5MKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2579	2008	Honda	Ridgeline	3.5	8HNXT03.5MKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2580	2008	Honda	Ridgeline	3.5	8HNXT03.5MKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2581	2008	Honda	Ridgeline	3.5	8HNXT03.5MKR	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2582	2009	Honda	Odyssey	3.5	9HNXT03.5J29	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2583	2009	Honda	Odyssey	3.5	9HNXT03.5J29	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2584	2009	Honda	Odyssey	3.5	9HNXT03.5J29	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2585	2009	Honda	Odyssey	3.5	9HNXT03.5J29	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2586	2009	Honda	Odyssey	3.5	9HNXT03.5J29	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2587	2009	Honda	Odyssey	3.5	9HNXT03.5J29	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2588	2009	Honda	Odyssey	3.5	9HNXT03.5J29	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2589	2009	Honda	Odyssey	3.5	9HNXT03.5J29	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2590	2009	Honda	Pilot	3.5	9HNXT03.7H29	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2591	2009	Honda	Pilot	3.5	9HNXT03.7H29	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2592	2009	Honda	Pilot	3.5	9HNXT03.7H29	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2593	2009	Honda	Pilot	3.5	9HNXT03.7H29	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2594	2009	Honda	Pilot	3.5	9HNXT03.7H29	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2595	2009	Honda	Ridgeline	3.5	9HNXT03.5J79	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2596	2009	Honda	Ridgeline	3.5	9HNXT03.5J79	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2597	2009	Honda	Ridgeline	3.5	9HNXT03.5J79	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2598	2009	Honda	Ridgeline	3.5	9HNXT03.5J79	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2599	2009	Honda	Ridgeline	3.5	9HNXT03.5J79	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2600	2010	Honda	Odyssey	3.5	AHNXT03.5T19	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581740	ALL
2601	2010	Honda	Odyssey	3.5	AHNXT03.5T19	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2602	2010	Honda	Odyssey	3.5	AHNXT03.5T19	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581741	ALL
2603	2010	Honda	Odyssey	3.5	AHNXT03.5T19	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2604	2010	Honda	Odyssey	3.5	AHNXT03.5T19	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2605	2010	Honda	Odyssey	3.5	AHNXT03.5T19	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2606	2010	Honda	Odyssey	3.5	AHNXT03.5T19	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2607	2010	Honda	Odyssey	3.5	AHNXT03.5T19	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591683	ALL
2608	2010	Honda	Pilot	3.5	AHNXT03.7W19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2609	2010	Honda	Pilot	3.5	AHNXT03.7W19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2610	2010	Honda	Pilot	3.5	AHNXT03.7W19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2611	2010	Honda	Pilot	3.5	AHNXT03.7W19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2612	2010	Honda	Pilot	3.5	AHNXT03.7W19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2613	2010	Honda	Ridgeline	3.5	AHNXT03.5V69	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2614	2010	Honda	Ridgeline	3.5	AHNXT03.5V69	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2615	2010	Honda	Ridgeline	3.5	AHNXT03.5V69	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2616	2010	Honda	Ridgeline	3.5	AHNXT03.5V69	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2617	2010	Honda	Ridgeline	3.5	AHNXT03.5V69	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2618	2011	Honda	CR-V	2.4	BHNXT02.4VJ3	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581781	ALL
2619	2011	Honda	CR-V	2.4	BHNXT02.4VJ3	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591305	ALL
2620	2011	Honda	CR-V	2.4	BHNXT02.4VJ3	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591306	ALL
2621	2011	Honda	CR-V	2.4	BHNXT02.4VJ3	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5591783	ALL
2622	2011	Honda	Odyssey	3.5	BHNXT03.5F13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2623	2011	Honda	Odyssey	3.5	BHNXT03.5F13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2624	2011	Honda	Odyssey	3.5	BHNXT03.5F13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2625	2011	Honda	Odyssey	3.5	BHNXT03.5F13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2626	2011	Honda	Odyssey	3.5	BHNXT03.5F13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2627	2011	Honda	Pilot	3.5	BHNXT03.7M19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2628	2011	Honda	Pilot	3.5	BHNXT03.7M19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2629	2011	Honda	Pilot	3.5	BHNXT03.7M19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2630	2011	Honda	Pilot	3.5	BHNXT03.7M19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2631	2011	Honda	Pilot	3.5	BHNXT03.7M19	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2632	2011	Honda	Ridgeline	3.5	BHNXT03.5N69	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2633	2011	Honda	Ridgeline	3.5	BHNXT03.5N69	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2634	2011	Honda	Ridgeline	3.5	BHNXT03.5N69	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2635	2011	Honda	Ridgeline	3.5	BHNXT03.5N69	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2636	2011	Honda	Ridgeline	3.5	BHNXT03.5N69	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2637	2012	Honda	Odyssey	3.5	CHNXT03.5F13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2638	2012	Honda	Odyssey	3.5	CHNXT03.5F13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2639	2012	Honda	Odyssey	3.5	CHNXT03.5F13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2640	2012	Honda	Odyssey	3.5	CHNXT03.5F13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2641	2012	Honda	Odyssey	3.5	CHNXT03.5F13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2642	2012	Honda	Pilot	3.5	CHNXV03.7JB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2643	2012	Honda	Pilot	3.5	CHNXV03.7JB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2644	2012	Honda	Pilot	3.5	CHNXV03.7JB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2645	2012	Honda	Pilot	3.5	CHNXV03.7JB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2646	2012	Honda	Pilot	3.5	CHNXV03.7JB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2647	2012	Honda	Ridgeline	3.5	CHNXT03.5T64	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2648	2012	Honda	Ridgeline	3.5	CHNXT03.5T64	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2649	2012	Honda	Ridgeline	3.5	CHNXT03.5T64	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2650	2012	Honda	Ridgeline	3.5	CHNXT03.5T64	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2651	2012	Honda	Ridgeline	3.5	CHNXT03.5T64	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2652	2013	Honda	Odyssey	3.5	DHNXT03.5H13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2653	2013	Honda	Odyssey	3.5	DHNXT03.5H13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2654	2013	Honda	Odyssey	3.5	DHNXT03.5H13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2655	2013	Honda	Odyssey	3.5	DHNXT03.5H13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2656	2013	Honda	Odyssey	3.5	DHNXT03.5H13	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2657	2013	Honda	Pilot	3.5	DHNXV03.7KB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2658	2013	Honda	Pilot	3.5	DHNXV03.7KB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2659	2013	Honda	Pilot	3.5	DHNXV03.7KB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2660	2013	Honda	Pilot	3.5	DHNXV03.7KB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2661	2013	Honda	Pilot	3.5	DHNXV03.7KB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2662	2013	Honda	Ridgeline	3.5	DHNXT03.5L64	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2663	2013	Honda	Ridgeline	3.5	DHNXT03.5L64	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2664	2013	Honda	Ridgeline	3.5	DHNXT03.5L64	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2665	2013	Honda	Ridgeline	3.5	DHNXT03.5L64	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2666	2013	Honda	Ridgeline	3.5	DHNXT03.5L64	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2667	2014	Honda	Odyssey	3.5	EHNXT03.5JT3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2668	2014	Honda	Odyssey	3.5	EHNXT03.5JT3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2669	2014	Honda	Odyssey	3.5	EHNXT03.5JT3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2670	2014	Honda	Odyssey	3.5	EHNXT03.5JT3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2671	2014	Honda	Odyssey	3.5	EHNXT03.5JT3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2672	2014	Honda	Pilot	3.5	EHNXT03.7MB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2673	2014	Honda	Pilot	3.5	EHNXT03.7MB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2674	2014	Honda	Pilot	3.5	EHNXT03.7MB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2675	2014	Honda	Pilot	3.5	EHNXT03.7MB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2676	2014	Honda	Pilot	3.5	EHNXT03.7MB3	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2677	2014	Honda	Ridgeline	3.5	EHNXT03.5N44	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581893	ALL
2678	2014	Honda	Ridgeline	3.5	EHNXT03.5N44	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581898	ALL
2679	2014	Honda	Ridgeline	3.5	EHNXT03.5N44	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591184	ALL
2680	2014	Honda	Ridgeline	3.5	EHNXT03.5N44	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2681	2014	Honda	Ridgeline	3.5	EHNXT03.5N44	LEV2 ULEV	LDT3	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2682	2007	Hummer	H3	3.7	8GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
2683	2007	Hummer	H3	3.7	8GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
2684	2007	Hummer	H3	3.7	8GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
2685	2007	Hummer	H3	3.7	8GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
2686	2008	Hummer	H3	3.7	8GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
2687	2008	Hummer	H3	3.7	8GMXT03.7187	LEV2 LEV	LDT3	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
2688	2008	Hummer	H3	3.7	8GMXT03.7188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
2689	2008	Hummer	H3	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
2690	2008	Hummer	H3	3.7	8GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
2691	2008	Hummer	H3	3.7	8GMXT03.7188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
2692	2008	Hummer	H3	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
2693	2008	Hummer	H3	3.7	8GMXT03.7187	LEV2 LEV	LDT3	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
2694	2008	Hummer	H3	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
2695	2008	Hummer	H3	3.7	8GMXT03.7188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
2696	2008	Hummer	H3	3.7	8GMXT03.7187	LEV2 LEV	LDT3	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
2697	2008	Hummer	H3	3.7	8GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
2698	2008	Hummer	H3	3.7	8GMXT03.7187	LEV2 LEV	LDT3	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
2699	2008	Hummer	H3	3.7	8GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
2700	2008	Hummer	H3	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
2701	2008	Hummer	H3	3.7	8GMXT03.7188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
2702	2008	Hummer	H3	5.3	8GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
2703	2008	Hummer	H3	5.3	8GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
2704	2008	Hummer	H3	5.3	8GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
2705	2008	Hummer	H3	5.3	8GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
2706	2008	Hummer	H3	5.3	8GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2707	2008	Hummer	H3	5.3	8GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
2708	2008	Hummer	H3	5.3	8GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
2709	2008	Hummer	H3	5.3	8GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
2710	2008	Hummer	H3	5.3	8GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UL	DIRECT FIT	5581680	ALL
2711	2008	Hummer	H3	5.3	8GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UR	DIRECT FIT	5581681	ALL
2712	2009	Hummer	H3	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
2713	2009	Hummer	H3	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
2714	2009	Hummer	H3	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
2715	2009	Hummer	H3	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
2716	2009	Hummer	H3	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
2717	2009	Hummer	H3	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
2718	2009	Hummer	H3	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
2719	2009	Hummer	H3	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
2720	2009	Hummer	H3	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UL	DIRECT FIT	5581680	ALL
2721	2009	Hummer	H3	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UR	DIRECT FIT	5581681	ALL
2722	2009	Hummer	H3T	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
2723	2009	Hummer	H3T	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
2724	2009	Hummer	H3T	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
2725	2009	Hummer	H3T	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
2726	2009	Hummer	H3T	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
2727	2009	Hummer	H3T	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
2728	2009	Hummer	H3T	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
2729	2009	Hummer	H3T	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
2730	2009	Hummer	H3T	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UL	DIRECT FIT	5581680	ALL
2731	2009	Hummer	H3T	5.3	9GMXT05.3377	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UR	DIRECT FIT	5581681	ALL
2732	2010	Hummer	H3	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
2733	2010	Hummer	H3	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
2734	2010	Hummer	H3	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
2735	2010	Hummer	H3	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
2736	2010	Hummer	H3	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
2737	2010	Hummer	H3	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
2738	2010	Hummer	H3	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
2739	2010	Hummer	H3	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
2740	2010	Hummer	H3	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UL	DIRECT FIT	5581680	ALL
2741	2010	Hummer	H3	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UR	DIRECT FIT	5581681	ALL
2742	2010	Hummer	H3T	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
2743	2010	Hummer	H3T	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
2744	2010	Hummer	H3T	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
2745	2010	Hummer	H3T	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
2746	2010	Hummer	H3T	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
2747	2010	Hummer	H3T	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2748	2010	Hummer	H3T	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
2749	2010	Hummer	H3T	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
2750	2010	Hummer	H3T	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UL	DIRECT FIT	5581680	ALL
2751	2010	Hummer	H3T	5.3	AGMXT05.3389	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UR	DIRECT FIT	5581681	ALL
2752	2005	Hyundai	Santa Fe	3.5	5HYXT03.5MM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581253	ALL
2753	2005	Hyundai	Santa Fe	3.5	5HYXT03.5MM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581257	ALL
2754	2005	Hyundai	Santa Fe	3.5	5HYXT03.5MM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591248	ALL
2755	2005	Hyundai	Santa Fe	3.5	5HYXT03.5MM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2756	2005	Hyundai	Santa Fe	3.5	5HYXT03.5MM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2757	2006	Hyundai	Santa Fe	3.5	6HYXT03.5MM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581253	ALL
2758	2006	Hyundai	Santa Fe	3.5	6HYXT03.5MM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581257	ALL
2759	2006	Hyundai	Santa Fe	3.5	6HYXT03.5MM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591248	ALL
2760	2006	Hyundai	Santa Fe	3.5	6HYXT03.5MM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2761	2006	Hyundai	Santa Fe	3.5	6HYXT03.5MM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2762	2010	Hyundai	Santa Fe	2.4	AHYXT02.4CW5	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581045	ALL
2763	2011	Hyundai	Santa Fe	2.4	BHYXT02.4CW5	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581045	ALL
2764	2012	Hyundai	Santa Fe	2.4	CHYXT02.4CW5	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581045	ALL
2765	2004	Infiniti	FX35	3.5	4NSXT03.5G7A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581601	2WD
2766	2004	Infiniti	FX35	3.5	4NSXT03.5G7A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581098	2WD
2767	2005	Infiniti	FX35	3.5	5NSXT03.5G7A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581601	2WD
2768	2005	Infiniti	FX35	3.5	5NSXT03.5G7A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581098	2WD
2769	2006	Infiniti	FX35	3.5	6NSXT03.5G7A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581601	2WD
2770	2006	Infiniti	FX35	3.5	6NSXT03.5G7A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581098	2WD
2771	2006	Infiniti	FX45	4.5	6NSXT04.5G8A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581162	ALL
2772	2006	Infiniti	FX45	4.5	6NSXT04.5G8A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581161	ALL
2773	2007	Infiniti	FX35	3.5	7NSXT03.5G7A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581601	2WD
2774	2007	Infiniti	FX35	3.5	7NSXT03.5G7A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581098	2WD
2775	2007	Infiniti	FX45	4.5	7NSXT04.5G8A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581162	ALL
2776	2007	Infiniti	FX45	4.5	7NSXT04.5G8A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581161	ALL
2777	2008	Infiniti	FX35	3.5	8NSXT03.5G7A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581601	2WD
2778	2008	Infiniti	FX35	3.5	8NSXT03.5G7A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581098	2WD
2779	2008	Infiniti	FX45	4.5	8NSXT04.5G8A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581162	ALL
2780	2008	Infiniti	FX45	4.5	8NSXT04.5G8A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581161	ALL
2781	2009	Infiniti	FX35	3.5	9NSXT03.5GAA	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581143	ALL
2782	2009	Infiniti	FX35	3.5	9NSXT03.5GAA	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581144	ALL
2783	2010	Infiniti	FX35	3.5	ANSXT03.5GAA	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581143	ALL
2784	2010	Infiniti	FX35	3.5	ANSXT03.5GAA	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581144	ALL
2785	2011	Infiniti	FX35	3.5	BNSXT03.5GAA	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581143	ALL
2786	2011	Infiniti	FX35	3.5	BNSXT03.5GAA	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581144	ALL
2787	2012	Infiniti	FX35	3.5	CNSXT03.5GAA	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581143	ALL
2788	2012	Infiniti	FX35	3.5	CNSXT03.5GAA	LEV2 LEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581144	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2789	2013	Infiniti	FX37	3.7	DNSXT03.7GAA	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581143	ALL
2790	2013	Infiniti	FX37	3.7	DNSXT03.7GAA	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581144	ALL
2791	2013	Infiniti	JX35	3.5	DNSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
2792	2013	Infiniti	JX35	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
2793	2013	Infiniti	JX35	3.5	DNSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
2794	2013	Infiniti	JX35	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
2795	2013	Infiniti	JX35	3.5	DNSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
2796	2013	Infiniti	JX35	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
2797	2013	Infiniti	JX35	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2798	2013	Infiniti	JX35	3.5	DNSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2799	2013	Infiniti	JX35	3.5	DNSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2800	2013	Infiniti	JX35	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2801	2013	Infiniti	JX35	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591699	ALL
2802	2013	Infiniti	JX35	3.5	DNSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591699	ALL
2803	2014	Infiniti	QX60	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
2804	2014	Infiniti	QX60	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
2805	2014	Infiniti	QX60	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
2806	2014	Infiniti	QX60	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2807	2014	Infiniti	QX60	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2808	2014	Infiniti	QX60	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591699	ALL
2809	2014	Infiniti	QX70	3.7	ENSXT03.7GAA	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5581143	ALL
2810	2014	Infiniti	QX70	3.7	ENSXT03.7GAA	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5581144	ALL
2811	2007	Isuzu	i-370	3.7	7GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
2812	2007	Isuzu	i-370	3.7	7GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
2813	2007	Isuzu	i-370	3.7	7GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
2814	2007	Isuzu	i-370	3.7	7GMXT03.7187	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
2815	2008	Isuzu	Ascender	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
2816	2008	Isuzu	Ascender	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
2817	2008	Isuzu	Ascender	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
2818	2008	Isuzu	Ascender	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
2819	2008	Isuzu	Ascender	4.2	8GMXT04.2186	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581222	ALL
2820	2008	Isuzu	i-370	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581353	ALL
2821	2008	Isuzu	i-370	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
2822	2008	Isuzu	i-370	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
2823	2008	Isuzu	i-370	3.7	8GMXT03.7188	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591966	ALL
2824	2005	Kia	Sedona	3.5	5KMXT03.5GM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581160	ALL
2825	2005	Kia	Sedona	3.5	5KMXT03.5GM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581316	ALL
2826	2005	Kia	Sedona	3.5	5KMXT03.5GM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
2827	2005	Kia	Sedona	3.5	5KMXT03.5GM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2828	2005	Kia	Sedona	3.5	5KMXT03.5GM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2829	2005	Kia	Sedona	3.5	5KMXT03.5GM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591544	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2830	2005	Kia	Sorento	3.5	5KMXT03.5CM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581457	ALL
2831	2005	Kia	Sorento	3.5	5KMXT03.5CM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581457	ALL
2832	2005	Kia	Sorento	3.5	5KMXT03.5CM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2833	2005	Kia	Sorento	3.5	5KMXT03.5CM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2834	2005	Kia	Sorento	3.5	5KMXT03.5CM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591924	ALL
2835	2006	Kia	Sorento	3.5	6KMXT03.5CM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581457	ALL
2836	2006	Kia	Sorento	3.5	6KMXT03.5CM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581457	ALL
2837	2006	Kia	Sorento	3.5	6KMXT03.5CM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
2838	2006	Kia	Sorento	3.5	6KMXT03.5CM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
2839	2006	Kia	Sorento	3.5	6KMXT03.5CM5	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591924	ALL
2840	2011	Kia	Sorento	2.4	BKMXT02.4CW5	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581045	ALL
2841	2012	Kia	Sorento	2.4	CKMXT02.4CW5	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581045	ALL
2842	2013	Kia	Sorento	2.4	DKMXT02.44LE	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581045	ALL
2843	2004	Lexus	RX330	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581833	ALL
2844	2004	Lexus	RX330	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581837	ALL
2845	2004	Lexus	RX330	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2846	2004	Lexus	RX330	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2847	2004	Lexus	RX330	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2848	2004	Lexus	RX330	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
2849	2005	Lexus	GX470	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
2850	2005	Lexus	GX470	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
2851	2005	Lexus	GX470	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
2852	2005	Lexus	GX470	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
2853	2005	Lexus	GX470	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
2854	2005	Lexus	GX470	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
2855	2005	Lexus	GX470	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
2856	2005	Lexus	GX470	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
2857	2005	Lexus	RX330	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581833	ALL
2858	2005	Lexus	RX330	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581837	ALL
2859	2005	Lexus	RX330	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2860	2005	Lexus	RX330	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2861	2005	Lexus	RX330	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2862	2005	Lexus	RX330	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
2863	2006	Lexus	GX470	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
2864	2006	Lexus	GX470	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
2865	2006	Lexus	GX470	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
2866	2006	Lexus	GX470	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
2867	2006	Lexus	GX470	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
2868	2006	Lexus	GX470	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
2869	2006	Lexus	GX470	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
2870	2006	Lexus	GX470	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2871	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581304	ALL
2872	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
2873	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
2874	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5591056	ALL
2875	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581304	ALL
2876	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
2877	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
2878	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5591056	ALL
2879	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL
2880	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
2881	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
2882	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
2883	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
2884	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
2885	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581036	ALL
2886	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581422	ALL
2887	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581422	ALL
2888	2006	Lexus	LX470	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581631	ALL
2889	2006	Lexus	RX330	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581833	ALL
2890	2006	Lexus	RX330	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581837	ALL
2891	2006	Lexus	RX330	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2892	2006	Lexus	RX330	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2893	2006	Lexus	RX330	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2894	2006	Lexus	RX330	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
2895	2007	Lexus	GX470	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
2896	2007	Lexus	GX470	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
2897	2007	Lexus	GX470	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
2898	2007	Lexus	GX470	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
2899	2007	Lexus	GX470	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
2900	2007	Lexus	GX470	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
2901	2007	Lexus	GX470	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
2902	2007	Lexus	GX470	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
2903	2007	Lexus	LX470	4.7	7TYXT04.7AKV	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5591056	ALL
2904	2007	Lexus	LX470	4.7	7TYXT04.7AKV	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5591056	ALL
2905	2007	Lexus	LX470	4.7	7TYXT04.7AKV	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581036	ALL
2906	2007	Lexus	LX470	4.7	7TYXT04.7AKV	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581631	ALL
2907	2007	Lexus	RX350	3.5	7TYXT03.5BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581250	ALL
2908	2007	Lexus	RX350	3.5	7TYXT03.5BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581832	ALL
2909	2007	Lexus	RX350	3.5	7TYXT03.5BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	UNIVERSAL	5591304	ALL
2910	2007	Lexus	RX350	3.5	7TYXT03.5BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	UNIVERSAL	5591305	ALL
2911	2007	Lexus	RX350	3.5	7TYXT03.5BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2912	2007	Lexus	RX350	3.5	7TYXT03.5BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5591907	ALL
2913	2008	Lexus	GX470	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
2914	2008	Lexus	GX470	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
2915	2008	Lexus	GX470	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
2916	2008	Lexus	GX470	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
2917	2008	Lexus	GX470	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
2918	2008	Lexus	GX470	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
2919	2008	Lexus	GX470	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
2920	2008	Lexus	GX470	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
2921	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
2922	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
2923	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
2924	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
2925	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
2926	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
2927	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL
2928	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
2929	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
2930	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
2931	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
2932	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
2933	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581208	ALL
2934	2008	Lexus	LX570	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581209	ALL
2935	2008	Lexus	RX350	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
2936	2008	Lexus	RX350	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581832	ALL
2937	2008	Lexus	RX350	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2938	2008	Lexus	RX350	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2939	2008	Lexus	RX350	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2940	2008	Lexus	RX350	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
2941	2009	Lexus	GX470	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
2942	2009	Lexus	GX470	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
2943	2009	Lexus	GX470	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
2944	2009	Lexus	GX470	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
2945	2009	Lexus	GX470	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
2946	2009	Lexus	GX470	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
2947	2009	Lexus	GX470	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
2948	2009	Lexus	GX470	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
2949	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
2950	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
2951	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
2952	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2953	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
2954	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
2955	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL
2956	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
2957	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
2958	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
2959	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
2960	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
2961	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581208	ALL
2962	2009	Lexus	LX570	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581209	ALL
2963	2009	Lexus	RX350	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
2964	2009	Lexus	RX350	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581832	ALL
2965	2009	Lexus	RX350	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
2966	2009	Lexus	RX350	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2967	2009	Lexus	RX350	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2968	2009	Lexus	RX350	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
2969	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
2970	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
2971	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
2972	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
2973	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
2974	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
2975	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL
2976	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
2977	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
2978	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
2979	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
2980	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
2981	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581208	ALL
2982	2010	Lexus	LX570	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581209	ALL
2983	2010	Lexus	RX350	3.5	ATYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
2984	2010	Lexus	RX350	3.5	ATYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581554	AWD
2985	2010	Lexus	RX350	3.5	ATYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591095	ALL
2986	2010	Lexus	RX350	3.5	ATYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
2987	2010	Lexus	RX350	3.5	ATYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
2988	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
2989	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
2990	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
2991	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
2992	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
2993	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2994	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL
2995	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
2996	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
2997	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
2998	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
2999	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
3000	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581208	ALL
3001	2011	Lexus	LX570	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581209	ALL
3002	2011	Lexus	RX350	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
3003	2011	Lexus	RX350	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581554	AWD
3004	2011	Lexus	RX350	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591095	ALL
3005	2011	Lexus	RX350	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
3006	2011	Lexus	RX350	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
3007	2012	Lexus	RX350	3.5	CTYXT03.5BER	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
3008	2012	Lexus	RX350	3.5	CTYXT03.5BER	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581545	ALL
3009	2012	Lexus	RX350	3.5	CTYXT03.5BER	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591095	ALL
3010	2012	Lexus	RX350	3.5	CTYXT03.5BER	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591097	ALL
3011	2012	Lexus	RX350	3.5	CTYXT03.5BER	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
3012	2012	Lexus	RX350	3.5	CTYXT03.5BER	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
3013	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581374	ALL
3014	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581375	ALL
3015	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581376	ALL
3016	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581374	ALL
3017	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581375	ALL
3018	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581376	ALL
3019	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3020	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3021	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3022	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3023	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3024	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3025	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581632	ALL
3026	2013	Lexus	LX570	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581633	ALL
3027	2013	Lexus	RX350	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
3028	2013	Lexus	RX350	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581545	ALL
3029	2013	Lexus	RX350	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5591095	ALL
3030	2013	Lexus	RX350	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5591097	ALL
3031	2013	Lexus	RX350	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
3032	2013	Lexus	RX350	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
3033	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581374	ALL
3034	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581375	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3035	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581376	ALL
3036	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581374	ALL
3037	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581375	ALL
3038	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581376	ALL
3039	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3040	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3041	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3042	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3043	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3044	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3045	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581632	ALL
3046	2014	Lexus	LX570	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581633	ALL
3047	2014	Lexus	RX350	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
3048	2014	Lexus	RX350	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581545	ALL
3049	2014	Lexus	RX350	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5591095	ALL
3050	2014	Lexus	RX350	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5591097	ALL
3051	2014	Lexus	RX350	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
3052	2014	Lexus	RX350	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
3053	2004	Mazda	B4000	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	F	DIRECT FIT	5581682	2WD
3054	2004	Mazda	B4000	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	2WD
3055	2004	Mazda	B4000	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	2WD
3056	2004	Mazda	B4000	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	2WD
3057	2004	Mazda	B4000	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	2WD
3058	2004	Mazda	B4000	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	2WD
3059	2004	Mazda	B4000	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	2WD
3060	2004	Mazda	B4000	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591121	ALL
3061	2004	Mazda	B4000	4	4FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
3062	2005	Mazda	B4000	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	F	DIRECT FIT	5581682	ALL
3063	2005	Mazda	B4000	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
3064	2005	Mazda	B4000	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
3065	2005	Mazda	B4000	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
3066	2005	Mazda	B4000	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
3067	2005	Mazda	B4000	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
3068	2005	Mazda	B4000	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
3069	2005	Mazda	B4000	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591121	ALL
3070	2005	Mazda	B4000	4	5FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
3071	2006	Mazda	B4000	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	F	DIRECT FIT	5581682	ALL
3072	2006	Mazda	B4000	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
3073	2006	Mazda	B4000	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
3074	2006	Mazda	B4000	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
3075	2006	Mazda	B4000	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3076	2006	Mazda	B4000	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
3077	2006	Mazda	B4000	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
3078	2006	Mazda	B4000	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591121	ALL
3079	2006	Mazda	B4000	4	6FMXT04.02E2	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591309	ALL
3080	2007	Mazda	CX-7	2.3	7TKXT02.35DB	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581042	ALL
3081	2007	Mazda	CX-7	2.3	7TKXT02.35DB	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581374	ALL
3082	2007	Mazda	CX-7	2.3	7TKXT02.35DB	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581375	ALL
3083	2007	Mazda	CX-7	2.3	7TKXT02.35DB	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581376	ALL
3084	2007	Mazda	CX-7	2.3	7TKXT02.35DB	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591043	ALL
3085	2007	Mazda	CX-7	2.3	7TKXT02.35DB	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
3086	2007	Mazda	CX-7	2.3	7TKXT02.35DB	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
3087	2007	Mazda	CX-7	2.3	7TKXT02.35DB	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
3088	2008	Mazda	CX-7	2.3	8TKXT02.35DA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581042	ALL
3089	2008	Mazda	CX-7	2.3	8TKXT02.35DA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581374	ALL
3090	2008	Mazda	CX-7	2.3	8TKXT02.35DA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581375	ALL
3091	2008	Mazda	CX-7	2.3	8TKXT02.35DA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581376	ALL
3092	2008	Mazda	CX-7	2.3	8TKXT02.35DA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591043	ALL
3093	2008	Mazda	CX-7	2.3	8TKXT02.35DA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
3094	2008	Mazda	CX-7	2.3	8TKXT02.35DA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
3095	2008	Mazda	CX-7	2.3	8TKXT02.35DA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
3096	2009	Mazda	CX-7	2.3	9TKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581042	ALL
3097	2009	Mazda	CX-7	2.3	9TKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
3098	2009	Mazda	CX-7	2.3	9TKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
3099	2009	Mazda	CX-7	2.3	9TKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581312	ALL
3100	2009	Mazda	CX-7	2.3	9TKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581374	ALL
3101	2009	Mazda	CX-7	2.3	9TKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581375	ALL
3102	2009	Mazda	CX-7	2.3	9TKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581376	ALL
3103	2009	Mazda	CX-7	2.3	9TKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591043	ALL
3104	2009	Mazda	CX-7	2.3	9TKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
3105	2009	Mazda	CX-7	2.3	9TKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
3106	2009	Mazda	CX-7	2.3	9TKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
3107	2010	Mazda	CX-7	2.3	ATKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
3108	2010	Mazda	CX-7	2.3	ATKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
3109	2010	Mazda	CX-7	2.3	ATKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581312	ALL
3110	2010	Mazda	CX-7	2.3	ATKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
3111	2010	Mazda	CX-7	2.3	ATKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
3112	2010	Mazda	CX-7	2.3	ATKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
3113	2010	Mazda	CX-7	2.3	ATKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591420	ALL
3114	2010	Mazda	CX-7	2.5	ATKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581223	ALL
3115	2010	Mazda	CX-7	2.5	ATKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581304	ALL
3116	2010	Mazda	CX-7	2.5	ATKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3117	2010	Mazda	CX-7	2.5	ATKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
3118	2010	Mazda	CX-7	2.5	ATKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591223	ALL
3119	2010	Mazda	CX-7	2.5	ATKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
3120	2010	Mazda	CX-7	2.5	ATKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
3121	2010	Mazda	CX-7	2.5	ATKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
3122	2011	Mazda	CX-7	2.3	BTXKT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
3123	2011	Mazda	CX-7	2.3	BTXKT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
3124	2011	Mazda	CX-7	2.3	BTXKT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581312	ALL
3125	2011	Mazda	CX-7	2.3	BTXKT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
3126	2011	Mazda	CX-7	2.3	BTXKT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
3127	2011	Mazda	CX-7	2.3	BTXKT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
3128	2011	Mazda	CX-7	2.3	BTXKT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591420	ALL
3129	2011	Mazda	CX-7	2.5	BTXKT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581223	ALL
3130	2011	Mazda	CX-7	2.5	BTXKT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581304	ALL
3131	2011	Mazda	CX-7	2.5	BTXKT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
3132	2011	Mazda	CX-7	2.5	BTXKT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
3133	2011	Mazda	CX-7	2.5	BTXKT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591223	ALL
3134	2011	Mazda	CX-7	2.5	BTXKT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
3135	2011	Mazda	CX-7	2.5	BTXKT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
3136	2011	Mazda	CX-7	2.5	BTXKT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
3137	2012	Mazda	CX-7	2.3	CTKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
3138	2012	Mazda	CX-7	2.3	CTKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
3139	2012	Mazda	CX-7	2.3	CTKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581312	ALL
3140	2012	Mazda	CX-7	2.3	CTKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
3141	2012	Mazda	CX-7	2.3	CTKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
3142	2012	Mazda	CX-7	2.3	CTKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
3143	2012	Mazda	CX-7	2.3	CTKXT02.35AA	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591420	ALL
3144	2012	Mazda	CX-7	2.5	CTKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581223	ALL
3145	2012	Mazda	CX-7	2.5	CTKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581304	ALL
3146	2012	Mazda	CX-7	2.5	CTKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
3147	2012	Mazda	CX-7	2.5	CTKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
3148	2012	Mazda	CX-7	2.5	CTKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591223	ALL
3149	2012	Mazda	CX-7	2.5	CTKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
3150	2012	Mazda	CX-7	2.5	CTKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
3151	2012	Mazda	CX-7	2.5	CTKXT02.55BA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
3152	2007	Mercedes-Benz	G500	5	7MBXT05.0L2B	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
3153	2007	Mercedes-Benz	G500	5	7MBXT05.0L2B	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
3154	2007	Mercedes-Benz	G500	5	7MBXT05.0L2B	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
3155	2007	Mercedes-Benz	G500	5	7MBXT05.0L2B	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
3156	2007	Mercedes-Benz	G500	5	7MBXT05.0L2B	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
3157	2007	Mercedes-Benz	G500	5	7MBXT05.0L2B	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3158	2007	Mercedes-Benz	G500	5	7MBXT05.0L2B	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
3159	2007	Mercedes-Benz	G500	5	7MBXT05.0L2B	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
3160	2007	Mercedes-Benz	G500	5	7MBXT05.0L2B	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581318	ALL
3161	2007	Mercedes-Benz	G500	5	7MBXT05.0L2B	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581319	ALL
3162	2004	Mercury	Mountaineer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
3163	2004	Mercury	Mountaineer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
3164	2004	Mercury	Mountaineer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
3165	2004	Mercury	Mountaineer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
3166	2004	Mercury	Mountaineer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
3167	2004	Mercury	Mountaineer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
3168	2004	Mercury	Mountaineer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
3169	2004	Mercury	Mountaineer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
3170	2004	Mercury	Mountaineer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3171	2004	Mercury	Mountaineer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3172	2004	Mercury	Mountaineer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3173	2004	Mercury	Mountaineer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3174	2004	Mercury	Mountaineer	4.6	4FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581108	ALL
3175	2004	Mercury	Mountaineer	4.6	4FMXT04.62E6	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581108	ALL
3176	2005	Mercury	Mountaineer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
3177	2005	Mercury	Mountaineer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
3178	2005	Mercury	Mountaineer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
3179	2005	Mercury	Mountaineer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
3180	2005	Mercury	Mountaineer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3181	2005	Mercury	Mountaineer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3182	2005	Mercury	Mountaineer	4.6	5FMXT04.62E7	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5581108	ALL
3183	2004	Nissan	Murano	3.5	4NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581275	ALL
3184	2004	Nissan	Murano	3.5	4NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581276	ALL
3185	2004	Nissan	Murano	3.5	4NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591213	ALL
3186	2004	Nissan	Murano	3.5	4NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3187	2004	Nissan	Murano	3.5	4NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3188	2004	Nissan	Quest	3.5	4NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581275	ALL
3189	2004	Nissan	Quest	3.5	4NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581296	ALL
3190	2004	Nissan	Quest	3.5	4NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581322	ALL
3191	2004	Nissan	Quest	3.5	4NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3192	2004	Nissan	Quest	3.5	4NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3193	2004	Nissan	Quest	3.5	4NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591710	ALL
3194	2005	Nissan	Frontier	2.5	5NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581596	ALL
3195	2005	Nissan	Frontier	2.5	5NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
3196	2005	Nissan	Frontier	2.5	5NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3197	2005	Nissan	Frontier	2.5	5NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3198	2005	Nissan	Frontier	2.5	5NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591602	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3199	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3200	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3201	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3202	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3203	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3204	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3205	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3206	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3207	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3208	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3209	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3210	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3211	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3212	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3213	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3214	2005	Nissan	Frontier	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3215	2005	Nissan	Murano	3.5	5NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581275	ALL
3216	2005	Nissan	Murano	3.5	5NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581276	ALL
3217	2005	Nissan	Murano	3.5	5NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591213	ALL
3218	2005	Nissan	Murano	3.5	5NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3219	2005	Nissan	Murano	3.5	5NSXT03.5G7A	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3220	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3221	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3222	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3223	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3224	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3225	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3226	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3227	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3228	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3229	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3230	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3231	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3232	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3233	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3234	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3235	2005	Nissan	Pathfinder	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3236	2005	Nissan	Quest	3.5	5NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581275	ALL
3237	2005	Nissan	Quest	3.5	5NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581296	ALL
3238	2005	Nissan	Quest	3.5	5NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581322	ALL
3239	2005	Nissan	Quest	3.5	5NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3240	2005	Nissan	Quest	3.5	5NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3241	2005	Nissan	Quest	3.5	5NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591710	ALL
3242	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3243	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3244	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3245	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3246	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3247	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3248	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3249	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3250	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3251	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3252	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3253	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3254	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3255	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3256	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3257	2005	Nissan	Xterra	4	5NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3258	2006	Nissan	Frontier	2.5	6NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581596	ALL
3259	2006	Nissan	Frontier	2.5	6NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
3260	2006	Nissan	Frontier	2.5	6NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3261	2006	Nissan	Frontier	2.5	6NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3262	2006	Nissan	Frontier	2.5	6NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591602	ALL
3263	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3264	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3265	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3266	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3267	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3268	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3269	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3270	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3271	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3272	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3273	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3274	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3275	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3276	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3277	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3278	2006	Nissan	Frontier	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3279	2006	Nissan	Murano	3.5	6NSXT03.5G7C	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581275	ALL
3280	2006	Nissan	Murano	3.5	6NSXT03.5G7C	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581276	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3281	2006	Nissan	Murano	3.5	6NSXT03.5G7C	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591213	ALL
3282	2006	Nissan	Murano	3.5	6NSXT03.5G7C	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3283	2006	Nissan	Murano	3.5	6NSXT03.5G7C	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3284	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3285	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3286	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3287	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3288	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3289	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3290	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3291	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3292	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3293	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3294	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3295	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3296	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3297	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3298	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3299	2006	Nissan	Pathfinder	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3300	2006	Nissan	Quest	3.5	6NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581275	ALL
3301	2006	Nissan	Quest	3.5	6NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581296	ALL
3302	2006	Nissan	Quest	3.5	6NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581322	ALL
3303	2006	Nissan	Quest	3.5	6NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3304	2006	Nissan	Quest	3.5	6NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3305	2006	Nissan	Quest	3.5	6NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591710	ALL
3306	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3307	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3308	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3309	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3310	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3311	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3312	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3313	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3314	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3315	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3316	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3317	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3318	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3319	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3320	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3321	2006	Nissan	Xterra	4	6NSXT04.0G6A	LEV2 LEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3322	2007	Nissan	Frontier	2.5	7NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581596	ALL
3323	2007	Nissan	Frontier	2.5	7NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
3324	2007	Nissan	Frontier	2.5	7NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3325	2007	Nissan	Frontier	2.5	7NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3326	2007	Nissan	Frontier	2.5	7NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591602	ALL
3327	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3328	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3329	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3330	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3331	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3332	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3333	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3334	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3335	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3336	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3337	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3338	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3339	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3340	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3341	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3342	2007	Nissan	Frontier	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3343	2007	Nissan	Murano	3.5	7NSXT03.5G7B	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581275	ALL
3344	2007	Nissan	Murano	3.5	7NSXT03.5G7D	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581275	ALL
3345	2007	Nissan	Murano	3.5	7NSXT03.5G7D	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581276	ALL
3346	2007	Nissan	Murano	3.5	7NSXT03.5G7B	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581276	ALL
3347	2007	Nissan	Murano	3.5	7NSXT03.5G7D	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591213	ALL
3348	2007	Nissan	Murano	3.5	7NSXT03.5G7B	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591213	ALL
3349	2007	Nissan	Murano	3.5	7NSXT03.5G7D	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3350	2007	Nissan	Murano	3.5	7NSXT03.5G7B	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3351	2007	Nissan	Murano	3.5	7NSXT03.5G7B	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3352	2007	Nissan	Murano	3.5	7NSXT03.5G7D	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3353	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3354	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3355	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3356	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3357	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3358	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3359	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3360	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3361	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3362	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3363	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3364	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3365	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3366	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3367	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3368	2007	Nissan	Pathfinder	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3369	2007	Nissan	Quest	3.5	7NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581296	ALL
3370	2007	Nissan	Quest	3.5	7NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581322	ALL
3371	2007	Nissan	Quest	3.5	7NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3372	2007	Nissan	Quest	3.5	7NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3373	2007	Nissan	Quest	3.5	7NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591710	ALL
3374	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3375	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3376	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3377	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3378	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3379	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3380	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3381	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3382	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3383	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3384	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3385	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3386	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3387	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3388	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3389	2007	Nissan	Xterra	4	7NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3390	2008	Nissan	Frontier	2.5	8NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581596	ALL
3391	2008	Nissan	Frontier	2.5	8NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
3392	2008	Nissan	Frontier	2.5	8NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3393	2008	Nissan	Frontier	2.5	8NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3394	2008	Nissan	Frontier	2.5	8NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591602	ALL
3395	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3396	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3397	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3398	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3399	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3400	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3401	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3402	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3403	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3404	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3405	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3406	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3407	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3408	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3409	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3410	2008	Nissan	Frontier	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3411	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3412	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3413	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3414	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3415	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3416	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3417	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3418	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3419	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3420	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3421	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3422	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3423	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3424	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3425	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3426	2008	Nissan	Pathfinder	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3427	2008	Nissan	Quest	3.5	8NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581296	ALL
3428	2008	Nissan	Quest	3.5	8NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581322	ALL
3429	2008	Nissan	Quest	3.5	8NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3430	2008	Nissan	Quest	3.5	8NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3431	2008	Nissan	Quest	3.5	8NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591710	ALL
3432	2008	Nissan	Rogue	2.5	8NSXT02.5G5B	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581295	ALL
3433	2008	Nissan	Rogue	2.5	8NSXT02.5G5B	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3434	2008	Nissan	Rogue	2.5	8NSXT02.5G5B	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3435	2008	Nissan	Rogue	2.5	8NSXT02.5G5B	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591317	ALL
3436	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3437	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3438	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3439	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3440	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3441	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3442	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3443	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3444	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3445	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3446	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3447	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3448	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3449	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3450	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3451	2008	Nissan	Xterra	4	8NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3452	2009	Nissan	Frontier	2.5	9NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581596	ALL
3453	2009	Nissan	Frontier	2.5	9NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
3454	2009	Nissan	Frontier	2.5	9NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3455	2009	Nissan	Frontier	2.5	9NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3456	2009	Nissan	Frontier	2.5	9NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591602	ALL
3457	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3458	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3459	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3460	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3461	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3462	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3463	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3464	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3465	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3466	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3467	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3468	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3469	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3470	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3471	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3472	2009	Nissan	Frontier	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3473	2009	Nissan	Murano	3.5	9NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
3474	2009	Nissan	Murano	3.5	9NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
3475	2009	Nissan	Murano	3.5	9NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
3476	2009	Nissan	Murano	3.5	9NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
3477	2009	Nissan	Murano	3.5	9NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3478	2009	Nissan	Murano	3.5	9NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3479	2009	Nissan	Murano	3.5	9NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3480	2009	Nissan	Murano	3.5	9NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3481	2009	Nissan	Murano	3.5	9NSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591852	ALL
3482	2009	Nissan	Murano	3.5	9NSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591852	ALL
3483	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3484	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3485	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3486	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3487	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3488	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3489	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3490	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3491	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3492	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3493	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3494	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3495	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3496	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3497	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3498	2009	Nissan	Pathfinder	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3499	2009	Nissan	Quest	3.5	9NSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581296	ALL
3500	2009	Nissan	Quest	3.5	9NSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581322	ALL
3501	2009	Nissan	Quest	3.5	9NSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3502	2009	Nissan	Quest	3.5	9NSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3503	2009	Nissan	Quest	3.5	9NSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591710	ALL
3504	2009	Nissan	Rogue	2.5	9NSXJ02.5G5A	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581295	ALL
3505	2009	Nissan	Rogue	2.5	9NSXJ02.5G5A	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3506	2009	Nissan	Rogue	2.5	9NSXJ02.5G5A	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3507	2009	Nissan	Rogue	2.5	9NSXJ02.5G5A	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591317	ALL
3508	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3509	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3510	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3511	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3512	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3513	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3514	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3515	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3516	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3517	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3518	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3519	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3520	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3521	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3522	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3523	2009	Nissan	Xterra	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3524	2010	Nissan	Frontier	2.5	ANSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581596	ALL
3525	2010	Nissan	Frontier	2.5	ANSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
3526	2010	Nissan	Frontier	2.5	ANSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3527	2010	Nissan	Frontier	2.5	ANSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3528	2010	Nissan	Frontier	2.5	ANSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591602	ALL
3529	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3530	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3531	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3532	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3533	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3534	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3535	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3536	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3537	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3538	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3539	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3540	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3541	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3542	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3543	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3544	2010	Nissan	Frontier	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3545	2010	Nissan	Murano	3.5	ANSXJ03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
3546	2010	Nissan	Murano	3.5	ANSXJ03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
3547	2010	Nissan	Murano	3.5	ANSXJ03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3548	2010	Nissan	Murano	3.5	ANSXJ03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3549	2010	Nissan	Murano	3.5	ANSXJ03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591852	ALL
3550	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3551	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3552	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3553	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3554	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3555	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3556	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3557	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3558	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3559	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3560	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3561	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3562	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3563	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3564	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3565	2010	Nissan	Pathfinder	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3566	2010	Nissan	Rogue	2.5	ANSXJ02.5G5A	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581295	ALL
3567	2010	Nissan	Rogue	2.5	ANSXJ02.5G5A	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3568	2010	Nissan	Rogue	2.5	ANSXJ02.5G5A	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3569	2010	Nissan	Rogue	2.5	ANSXJ02.5G5A	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591317	ALL
3570	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3571	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3572	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3573	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3574	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3575	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3576	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3577	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3578	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3579	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3580	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3581	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3582	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3583	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3584	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3585	2010	Nissan	Xterra	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3586	2011	Nissan	Frontier	2.5	BNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581596	ALL
3587	2011	Nissan	Frontier	2.5	BNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
3588	2011	Nissan	Frontier	2.5	BNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3589	2011	Nissan	Frontier	2.5	BNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3590	2011	Nissan	Frontier	2.5	BNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591602	ALL
3591	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3592	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3593	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3594	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3595	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3596	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3597	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3598	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3599	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3600	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3601	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3602	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3603	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3604	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3605	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3606	2011	Nissan	Frontier	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3607	2011	Nissan	Murano	3.5	BNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
3608	2011	Nissan	Murano	3.5	BNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3609	2011	Nissan	Murano	3.5	BNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3610	2011	Nissan	Murano	3.5	BNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3611	2011	Nissan	Murano	3.5	BNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591852	ALL
3612	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3613	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3614	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3615	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3616	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3617	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3618	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3619	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3620	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3621	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3622	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3623	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3624	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3625	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3626	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3627	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3628	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3629	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3630	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3631	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3632	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3633	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3634	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3635	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3636	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3637	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3638	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3639	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3640	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3641	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3642	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3643	2011	Nissan	Pathfinder	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3644	2011	Nissan	Quest	3.5	BNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
3645	2011	Nissan	Quest	3.5	BNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
3646	2011	Nissan	Quest	3.5	BNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
3647	2011	Nissan	Quest	3.5	BNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3648	2011	Nissan	Quest	3.5	BNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3649	2011	Nissan	Quest	3.5	BNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591702	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3650	2011	Nissan	Rogue	2.5	BNSXJ02.5G5A	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581295	ALL
3651	2011	Nissan	Rogue	2.5	BNSXJ02.5G5A	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3652	2011	Nissan	Rogue	2.5	BNSXJ02.5G5A	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3653	2011	Nissan	Rogue	2.5	BNSXJ02.5G5A	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591317	ALL
3654	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3655	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3656	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3657	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3658	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3659	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3660	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3661	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3662	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3663	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3664	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3665	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591716	ALL
3666	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3667	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3668	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3669	2011	Nissan	Xterra	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591717	ALL
3670	2012	Nissan	Frontier	2.5	CNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581596	ALL
3671	2012	Nissan	Frontier	2.5	CNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
3672	2012	Nissan	Frontier	2.5	CNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3673	2012	Nissan	Frontier	2.5	CNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3674	2012	Nissan	Frontier	2.5	CNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591602	ALL
3675	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3676	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3677	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3678	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3679	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3680	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3681	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3682	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3683	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3684	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3685	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3686	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3687	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3688	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3689	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3690	2012	Nissan	Frontier	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3691	2012	Nissan	Murano	3.5	CNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
3692	2012	Nissan	Murano	3.5	CNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
3693	2012	Nissan	Murano	3.5	CNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3694	2012	Nissan	Murano	3.5	CNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3695	2012	Nissan	Murano	3.5	CNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591852	ALL
3696	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3697	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3698	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3699	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3700	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3701	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3702	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3703	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3704	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3705	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3706	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3707	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3708	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3709	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3710	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3711	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3712	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3713	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3714	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3715	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3716	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3717	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3718	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3719	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3720	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3721	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3722	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591688	ALL
3723	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591688	ALL
3724	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3725	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3726	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3727	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3728	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3729	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3730	2012	Nissan	NV1500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591688	ALL
3731	2012	Nissan	NV1500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591688	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3732	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3733	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3734	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3735	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3736	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3737	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3738	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3739	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3740	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3741	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3742	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3743	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3744	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3745	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3746	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3747	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3748	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3749	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3750	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3751	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3752	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3753	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3754	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3755	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3756	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3757	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3758	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591688	ALL
3759	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591688	ALL
3760	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3761	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3762	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3763	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3764	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3765	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3766	2012	Nissan	NV2500	4	CNSXD04.0Y6A	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591688	ALL
3767	2012	Nissan	NV2500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591688	ALL
3768	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3769	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3770	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3771	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3772	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3773	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3774	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3775	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3776	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3777	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3778	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3779	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3780	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3781	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591688	ALL
3782	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3783	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3784	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3785	2012	Nissan	NV3500	4	CNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591688	ALL
3786	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3787	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3788	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3789	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3790	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3791	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3792	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3793	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3794	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3795	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3796	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3797	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3798	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3799	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3800	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3801	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3802	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3803	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3804	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3805	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3806	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3807	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3808	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3809	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3810	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3811	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3812	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3813	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3814	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3815	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3816	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3817	2012	Nissan	Pathfinder	4	CNSXT04.0G6A	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3818	2012	Nissan	Quest	3.5	CNSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
3819	2012	Nissan	Quest	3.5	CNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
3820	2012	Nissan	Quest	3.5	CNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
3821	2012	Nissan	Quest	3.5	CNSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
3822	2012	Nissan	Quest	3.5	CNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
3823	2012	Nissan	Quest	3.5	CNSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
3824	2012	Nissan	Quest	3.5	CNSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3825	2012	Nissan	Quest	3.5	CNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3826	2012	Nissan	Quest	3.5	CNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3827	2012	Nissan	Quest	3.5	CNSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3828	2012	Nissan	Quest	3.5	CNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591702	ALL
3829	2012	Nissan	Quest	3.5	CNSXT03.5G7C	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591702	ALL
3830	2012	Nissan	Rogue	2.5	CNSXT02.575A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581295	ALL
3831	2012	Nissan	Rogue	2.5	CNSXJ02.5G5B	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581295	ALL
3832	2012	Nissan	Rogue	2.5	CNSXT02.575A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3833	2012	Nissan	Rogue	2.5	CNSXJ02.5G5B	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3834	2012	Nissan	Rogue	2.5	CNSXT02.575A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3835	2012	Nissan	Rogue	2.5	CNSXJ02.5G5B	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3836	2012	Nissan	Rogue	2.5	CNSXT02.575A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591317	ALL
3837	2012	Nissan	Rogue	2.5	CNSXJ02.5G5B	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591317	ALL
3838	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3839	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3840	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3841	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3842	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3843	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3844	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3845	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3846	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3847	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3848	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3849	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3850	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3851	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3852	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3853	2012	Nissan	Xterra	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3854	2013	Nissan	Frontier	2.5	DNSXT02.5G5A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	U	DIRECT FIT	5581596	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3855	2013	Nissan	Frontier	2.5	DNSXT02.5G5A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	U	UNIVERSAL	5591304	ALL
3856	2013	Nissan	Frontier	2.5	DNSXT02.5G5A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	U	UNIVERSAL	5591305	ALL
3857	2013	Nissan	Frontier	2.5	DNSXT02.5G5A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	U	UNIVERSAL	5591306	ALL
3858	2013	Nissan	Frontier	2.5	DNSXT02.5G5A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	U	DIRECT FIT	5591602	ALL
3859	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3860	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3861	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3862	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3863	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3864	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3865	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3866	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3867	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3868	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3869	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3870	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3871	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3872	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3873	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3874	2013	Nissan	Frontier	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3875	2013	Nissan	Murano	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
3876	2013	Nissan	Murano	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
3877	2013	Nissan	Murano	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3878	2013	Nissan	Murano	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3879	2013	Nissan	Murano	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591852	ALL
3880	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3881	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3882	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3883	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3884	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3885	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3886	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3887	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3888	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3889	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3890	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3891	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591688	ALL
3892	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3893	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3894	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3895	2013	Nissan	NV1500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591688	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3896	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3897	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3898	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3899	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3900	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3901	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3902	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3903	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3904	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3905	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3906	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3907	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591688	ALL
3908	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3909	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3910	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3911	2013	Nissan	NV2500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591688	ALL
3912	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3913	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3914	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3915	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3916	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3917	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3918	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3919	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3920	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3921	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3922	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3923	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591688	ALL
3924	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3925	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3926	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3927	2013	Nissan	NV3500	4	DNSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591688	ALL
3928	2013	Nissan	Pathfinder	3.5	DNSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
3929	2013	Nissan	Pathfinder	3.5	DNSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
3930	2013	Nissan	Pathfinder	3.5	DNSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
3931	2013	Nissan	Pathfinder	3.5	DNSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3932	2013	Nissan	Pathfinder	3.5	DNSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3933	2013	Nissan	Pathfinder	3.5	DNSXT03.5G7B	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591699	ALL
3934	2013	Nissan	Quest	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
3935	2013	Nissan	Quest	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
3936	2013	Nissan	Quest	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3937	2013	Nissan	Quest	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3938	2013	Nissan	Quest	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3939	2013	Nissan	Quest	3.5	DNSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591702	ALL
3940	2013	Nissan	Rogue	2.5	DNSXT02.575A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581295	ALL
3941	2013	Nissan	Rogue	2.5	DNSXJ02.5G5B	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581295	ALL
3942	2013	Nissan	Rogue	2.5	DNSXJ02.5G5B	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3943	2013	Nissan	Rogue	2.5	DNSXT02.575A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3944	2013	Nissan	Rogue	2.5	DNSXT02.575A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3945	2013	Nissan	Rogue	2.5	DNSXJ02.5G5B	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3946	2013	Nissan	Rogue	2.5	DNSXJ02.5G5B	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591317	ALL
3947	2013	Nissan	Rogue	2.5	DNSXT02.575A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591317	ALL
3948	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3949	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3950	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3951	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3952	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3953	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3954	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3955	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3956	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3957	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3958	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3959	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3960	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3961	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3962	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3963	2013	Nissan	Xterra	4	DNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3964	2014	Nissan	Frontier	2.5	ENSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581596	ALL
3965	2014	Nissan	Frontier	2.5	ENSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
3966	2014	Nissan	Frontier	2.5	ENSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
3967	2014	Nissan	Frontier	2.5	ENSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
3968	2014	Nissan	Frontier	2.5	ENSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591602	ALL
3969	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3970	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3971	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3972	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
3973	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3974	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3975	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3976	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
3977	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
3978	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
3979	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
3980	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
3981	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
3982	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
3983	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
3984	2014	Nissan	Frontier	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
3985	2014	Nissan	Murano	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
3986	2014	Nissan	Murano	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
3987	2014	Nissan	Murano	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
3988	2014	Nissan	Murano	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
3989	2014	Nissan	Murano	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591852	ALL
3990	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
3991	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
3992	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
3993	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
3994	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
3995	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
3996	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
3997	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
3998	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
3999	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
4000	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
4001	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591688	ALL
4002	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
4003	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
4004	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
4005	2014	Nissan	NV1500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591688	ALL
4006	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
4007	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
4008	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
4009	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
4010	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
4011	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
4012	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
4013	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
4014	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
4015	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
4016	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
4017	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591688	ALL
4018	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4019	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
4020	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
4021	2014	Nissan	NV2500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591688	ALL
4022	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
4023	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
4024	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
4025	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581664	ALL
4026	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
4027	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
4028	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
4029	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581667	ALL
4030	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
4031	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
4032	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
4033	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591688	ALL
4034	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
4035	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
4036	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
4037	2014	Nissan	NV3500	4	ENSXD04.0Y6B	LEV2 ULEV	MDV4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591688	ALL
4038	2014	Nissan	Pathfinder	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
4039	2014	Nissan	Pathfinder	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
4040	2014	Nissan	Pathfinder	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
4041	2014	Nissan	Pathfinder	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
4042	2014	Nissan	Pathfinder	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
4043	2014	Nissan	Pathfinder	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591699	ALL
4044	2014	Nissan	Quest	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581842	ALL
4045	2014	Nissan	Quest	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581846	ALL
4046	2014	Nissan	Quest	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591304	ALL
4047	2014	Nissan	Quest	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
4048	2014	Nissan	Quest	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
4049	2014	Nissan	Quest	3.5	ENSXT03.5G7A	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591702	ALL
4050	2014	Nissan	Rogue Select	2.5	ENSXT02.5G5C	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581295	ALL
4051	2014	Nissan	Rogue Select	2.5	ENSXT02.5G5C	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
4052	2014	Nissan	Rogue Select	2.5	ENSXT02.5G5C	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
4053	2014	Nissan	Rogue Select	2.5	ENSXT02.5G5C	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591317	ALL
4054	2014	Nissan	Rogue	2.5	ENSXT02.5G5D	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581295	ALL
4055	2014	Nissan	Rogue	2.5	ENSXT02.5G5B	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581295	ALL
4056	2014	Nissan	Rogue	2.5	ENSXT02.5G5D	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
4057	2014	Nissan	Rogue	2.5	ENSXT02.5G5B	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
4058	2014	Nissan	Rogue	2.5	ENSXT02.5G5B	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
4059	2014	Nissan	Rogue	2.5	ENSXT02.5G5D	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4060	2014	Nissan	Rogue	2.5	ENSXT02.5G5B	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591708	ALL
4061	2014	Nissan	Rogue	2.5	ENSXT02.5G5D	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591708	ALL
4062	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
4063	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
4064	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
4065	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
4066	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
4067	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
4068	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
4069	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
4070	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
4071	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
4072	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
4073	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
4074	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
4075	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
4076	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
4077	2014	Nissan	Xterra	4	ENSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
4078	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581182	ALL
4079	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581304	ALL
4080	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
4081	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
4082	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581192	ALL
4083	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581304	ALL
4084	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
4085	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
4086	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	5591212	ALL
4087	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL
4088	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4089	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4090	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
4091	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4092	2008	Porsche	Cayenne	3.6	8PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4093	2008	Porsche	Cayenne	4.8	8PRXT04.8SED	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581196	ALL
4094	2008	Porsche	Cayenne	4.8	8PRXT04.8TED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581196	ALL
4095	2008	Porsche	Cayenne	4.8	8PRXT04.8TED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581197	ALL
4096	2008	Porsche	Cayenne	4.8	8PRXT04.8SED	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581197	ALL
4097	2008	Porsche	Cayenne	4.8	8PRXT04.8TED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5591198	ALL
4098	2008	Porsche	Cayenne	4.8	8PRXT04.8SED	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5591198	ALL
4099	2008	Porsche	Cayenne	4.8	8PRXT04.8SED	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL
4100	2008	Porsche	Cayenne	4.8	8PRXT04.8TED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4101	2008	Porsche	Cayenne	4.8	8PRXT04.8TED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4102	2008	Porsche	Cayenne	4.8	8PRXT04.8SED	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4103	2008	Porsche	Cayenne	4.8	8PRXT04.8SED	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4104	2008	Porsche	Cayenne	4.8	8PRXT04.8TED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4105	2008	Porsche	Cayenne	4.8	8PRXT04.8TED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5591199	ALL
4106	2008	Porsche	Cayenne	4.8	8PRXT04.8SED	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5591199	ALL
4107	2008	Porsche	Cayenne	4.8	8PRXT04.8TED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
4108	2008	Porsche	Cayenne	4.8	8PRXT04.8SED	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
4109	2008	Porsche	Cayenne	4.8	8PRXT04.8TED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4110	2008	Porsche	Cayenne	4.8	8PRXT04.8SED	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4111	2008	Porsche	Cayenne	4.8	8PRXT04.8TED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4112	2008	Porsche	Cayenne	4.8	8PRXT04.8SED	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4113	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581182	ALL
4114	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581304	ALL
4115	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
4116	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
4117	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581192	ALL
4118	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581304	ALL
4119	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
4120	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
4121	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	5591212	ALL
4122	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL
4123	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4124	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4125	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
4126	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4127	2009	Porsche	Cayenne	3.6	9PRXT03.66ED	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4128	2009	Porsche	Cayenne	4.8	9PRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581196	ALL
4129	2009	Porsche	Cayenne	4.8	9PRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581196	ALL
4130	2009	Porsche	Cayenne	4.8	9PRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581197	ALL
4131	2009	Porsche	Cayenne	4.8	9PRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581197	ALL
4132	2009	Porsche	Cayenne	4.8	9PRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591198	ALL
4133	2009	Porsche	Cayenne	4.8	9PRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591198	ALL
4134	2009	Porsche	Cayenne	4.8	9PRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
4135	2009	Porsche	Cayenne	4.8	9PRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
4136	2009	Porsche	Cayenne	4.8	9PRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
4137	2009	Porsche	Cayenne	4.8	9PRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
4138	2009	Porsche	Cayenne	4.8	9PRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
4139	2009	Porsche	Cayenne	4.8	9PRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
4140	2009	Porsche	Cayenne	4.8	9PRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591199	ALL
4141	2009	Porsche	Cayenne	4.8	9PRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591199	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4142	2009	Porsche	Cayenne	4.8	9PRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
4143	2009	Porsche	Cayenne	4.8	9PRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
4144	2009	Porsche	Cayenne	4.8	9PRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
4145	2009	Porsche	Cayenne	4.8	9PRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
4146	2009	Porsche	Cayenne	4.8	9PRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
4147	2009	Porsche	Cayenne	4.8	9PRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
4148	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581182	ALL
4149	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
4150	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
4151	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
4152	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581192	ALL
4153	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
4154	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
4155	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
4156	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	R	DIRECT FIT	5591212	ALL
4157	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
4158	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
4159	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
4160	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
4161	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
4162	2010	Porsche	Cayenne	3.6	APRXT03.66ED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
4163	2010	Porsche	Cayenne	4.8	APRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581196	ALL
4164	2010	Porsche	Cayenne	4.8	APRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581196	ALL
4165	2010	Porsche	Cayenne	4.8	APRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581197	ALL
4166	2010	Porsche	Cayenne	4.8	APRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581197	ALL
4167	2010	Porsche	Cayenne	4.8	APRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591198	ALL
4168	2010	Porsche	Cayenne	4.8	APRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591198	ALL
4169	2010	Porsche	Cayenne	4.8	APRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
4170	2010	Porsche	Cayenne	4.8	APRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
4171	2010	Porsche	Cayenne	4.8	APRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
4172	2010	Porsche	Cayenne	4.8	APRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
4173	2010	Porsche	Cayenne	4.8	APRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
4174	2010	Porsche	Cayenne	4.8	APRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
4175	2010	Porsche	Cayenne	4.8	APRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591199	ALL
4176	2010	Porsche	Cayenne	4.8	APRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591199	ALL
4177	2010	Porsche	Cayenne	4.8	APRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
4178	2010	Porsche	Cayenne	4.8	APRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
4179	2010	Porsche	Cayenne	4.8	APRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
4180	2010	Porsche	Cayenne	4.8	APRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
4181	2010	Porsche	Cayenne	4.8	APRXT04.8SED	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
4182	2010	Porsche	Cayenne	4.8	APRXT04.8TED	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4183	2008	Saab	9-7x	4.2	8GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581304	ALL
4184	2008	Saab	9-7x	4.2	8GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
4185	2008	Saab	9-7x	4.2	8GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
4186	2008	Saab	9-7x	4.2	8GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
4187	2008	Saab	9-7x	4.2	8GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
4188	2008	Saab	9-7x	4.2	8GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
4189	2008	Saab	9-7x	4.2	8GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581195	ALL
4190	2009	Saab	9-7x	4.2	9GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581304	ALL
4191	2009	Saab	9-7x	4.2	9GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
4192	2009	Saab	9-7x	4.2	9GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
4193	2009	Saab	9-7x	4.2	9GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
4194	2009	Saab	9-7x	4.2	9GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
4195	2009	Saab	9-7x	4.2	9GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
4196	2009	Saab	9-7x	4.2	9GMXT04.2188	LEV2 ULEV	LDT3	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581195	ALL
4197	2007	Saturn	Vue	2.4	7GMXT02.4130	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581304	ALL
4198	2007	Saturn	Vue	2.4	7GMXT02.4130	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
4199	2007	Saturn	Vue	2.4	7GMXT02.4130	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
4200	2007	Saturn	Vue	2.4	7GMXT02.4130	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
4201	2007	Saturn	Vue	2.4	7GMXT02.4130	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
4202	2007	Saturn	Vue	2.4	7GMXT02.4130	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
4203	2007	Saturn	Vue	2.4	7GMXT02.4130	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581722	ALL
4204	2008	Saturn	Vue	2.4	8GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581304	ALL
4205	2008	Saturn	Vue	2.4	8GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581304	ALL
4206	2008	Saturn	Vue	2.4	8GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
4207	2008	Saturn	Vue	2.4	8GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
4208	2008	Saturn	Vue	2.4	8GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
4209	2008	Saturn	Vue	2.4	8GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
4210	2008	Saturn	Vue	2.4	8GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
4211	2008	Saturn	Vue	2.4	8GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
4212	2008	Saturn	Vue	2.4	8GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
4213	2008	Saturn	Vue	2.4	8GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
4214	2008	Saturn	Vue	2.4	8GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
4215	2008	Saturn	Vue	2.4	8GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
4216	2008	Saturn	Vue	2.4	8GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581722	ALL
4217	2008	Saturn	Vue	2.4	8GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581722	ALL
4218	2009	Saturn	Outlook	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581445	ALL
4219	2009	Saturn	Outlook	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
4220	2009	Saturn	Outlook	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
4221	2009	Saturn	Outlook	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
4222	2009	Saturn	Outlook	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581446	ALL
4223	2009	Saturn	Outlook	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4224	2009	Saturn	Outlook	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
4225	2009	Saturn	Outlook	3.6	9GMXT03.6151	LEV2 ULEV	LDT3	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591579	ALL
4226	2009	Saturn	Vue	2.4	9GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581304	ALL
4227	2009	Saturn	Vue	2.4	9GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581304	ALL
4228	2009	Saturn	Vue	2.4	9GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
4229	2009	Saturn	Vue	2.4	9GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
4230	2009	Saturn	Vue	2.4	9GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
4231	2009	Saturn	Vue	2.4	9GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
4232	2009	Saturn	Vue	2.4	9GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
4233	2009	Saturn	Vue	2.4	9GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
4234	2009	Saturn	Vue	2.4	9GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
4235	2009	Saturn	Vue	2.4	9GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
4236	2009	Saturn	Vue	2.4	9GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
4237	2009	Saturn	Vue	2.4	9GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
4238	2009	Saturn	Vue	2.4	9GMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581722	ALL
4239	2009	Saturn	Vue	2.4	9GMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581722	ALL
4240	2010	Saturn	Outlook	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581445	ALL
4241	2010	Saturn	Outlook	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
4242	2010	Saturn	Outlook	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
4243	2010	Saturn	Outlook	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
4244	2010	Saturn	Outlook	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581446	ALL
4245	2010	Saturn	Outlook	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
4246	2010	Saturn	Outlook	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
4247	2010	Saturn	Outlook	3.6	AGMXJ03.6151	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	R	DIRECT FIT	5591579	ALL
4248	2010	Saturn	Vue	2.4	AGMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581304	ALL
4249	2010	Saturn	Vue	2.4	AGMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581304	ALL
4250	2010	Saturn	Vue	2.4	AGMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
4251	2010	Saturn	Vue	2.4	AGMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
4252	2010	Saturn	Vue	2.4	AGMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
4253	2010	Saturn	Vue	2.4	AGMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
4254	2010	Saturn	Vue	2.4	AGMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
4255	2010	Saturn	Vue	2.4	AGMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
4256	2010	Saturn	Vue	2.4	AGMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
4257	2010	Saturn	Vue	2.4	AGMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
4258	2010	Saturn	Vue	2.4	AGMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
4259	2010	Saturn	Vue	2.4	AGMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
4260	2010	Saturn	Vue	2.4	AGMXT02.4135	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581722	ALL
4261	2010	Saturn	Vue	2.4	AGMXT02.4124	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581722	ALL
4262	2004	Subaru	Baja	2.5	4FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581374	ALL
4263	2004	Subaru	Baja	2.5	4FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581375	ALL
4264	2004	Subaru	Baja	2.5	4FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581376	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4265	2004	Subaru	Baja	2.5	4FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
4266	2004	Subaru	Baja	2.5	4FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
4267	2004	Subaru	Baja	2.5	4FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
4268	2004	Subaru	Baja	2.5	4FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581395	ALL
4269	2005	Subaru	Outback	2.5	5FJXX02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
4270	2005	Subaru	Outback	2.5	5FJXX02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
4271	2005	Subaru	Outback	2.5	5FJXX02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
4272	2005	Subaru	Outback	2.5	5FJXX02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
4273	2005	Subaru	Outback	2.5	5FJXX02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581622	ALL
4274	2006	Subaru	B9 Tribeca	3	6FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4275	2006	Subaru	B9 Tribeca	3	6FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4276	2006	Subaru	B9 Tribeca	3	6FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4277	2006	Subaru	B9 Tribeca	3	6FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581334	ALL
4278	2006	Subaru	B9 Tribeca	3	6FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581304	ALL
4279	2006	Subaru	B9 Tribeca	3	6FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581305	ALL
4280	2006	Subaru	B9 Tribeca	3	6FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581306	ALL
4281	2006	Subaru	B9 Tribeca	3	6FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581333	ALL
4282	2006	Subaru	Baja	2.5	6FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581374	ALL
4283	2006	Subaru	Baja	2.5	6FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581375	ALL
4284	2006	Subaru	Baja	2.5	6FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581376	ALL
4285	2006	Subaru	Baja	2.5	6FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
4286	2006	Subaru	Baja	2.5	6FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
4287	2006	Subaru	Baja	2.5	6FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
4288	2006	Subaru	Baja	2.5	6FJXT02.5MJS	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581395	ALL
4289	2006	Subaru	Outback	3	6FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4290	2006	Subaru	Outback	3	6FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4291	2006	Subaru	Outback	3	6FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4292	2006	Subaru	Outback	3	6FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581334	ALL
4293	2006	Subaru	Outback	3	6FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581304	ALL
4294	2006	Subaru	Outback	3	6FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581305	ALL
4295	2006	Subaru	Outback	3	6FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581306	ALL
4296	2006	Subaru	Outback	3	6FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581333	ALL
4297	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4298	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4299	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4300	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4301	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4302	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4303	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581334	ALL
4304	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581334	ALL
4305	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581304	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4306	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581304	ALL
4307	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581305	ALL
4308	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581305	ALL
4309	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581306	ALL
4310	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581306	ALL
4311	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSB	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581333	ALL
4312	2007	Subaru	B9 Tribeca	3	7FJXT03.0TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581333	ALL
4313	2007	Subaru	Outback	3	7FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4314	2007	Subaru	Outback	3	7FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4315	2007	Subaru	Outback	3	7FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4316	2007	Subaru	Outback	3	7FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581334	ALL
4317	2007	Subaru	Outback	3	7FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581304	ALL
4318	2007	Subaru	Outback	3	7FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581305	ALL
4319	2007	Subaru	Outback	3	7FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581306	ALL
4320	2007	Subaru	Outback	3	7FJXT03.0TLW	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581333	ALL
4321	2008	Subaru	Outback	2.5	8FJXB02.5PYH	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581416	ALL
4322	2008	Subaru	Outback	2.5	8FJXB02.5PYH	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591076	MANUAL
4323	2008	Subaru	Outback	2.5	8FJXB02.5PYH	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591159	MANUAL
4324	2008	Subaru	Outback	3	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4325	2008	Subaru	Outback	3	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4326	2008	Subaru	Outback	3	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4327	2008	Subaru	Outback	3	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581334	ALL
4328	2008	Subaru	Outback	3	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581304	ALL
4329	2008	Subaru	Outback	3	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581305	ALL
4330	2008	Subaru	Outback	3	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581306	ALL
4331	2008	Subaru	Outback	3	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581333	ALL
4332	2008	Subaru	Tribeca	3.6	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4333	2008	Subaru	Tribeca	3.6	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4334	2008	Subaru	Tribeca	3.6	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4335	2008	Subaru	Tribeca	3.6	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581334	ALL
4336	2008	Subaru	Tribeca	3.6	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581304	ALL
4337	2008	Subaru	Tribeca	3.6	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581305	ALL
4338	2008	Subaru	Tribeca	3.6	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581306	ALL
4339	2008	Subaru	Tribeca	3.6	8FJXB03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581333	ALL
4340	2009	Subaru	Forester	2.5	9FJXJ02.5PYH	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581375	ALL
4341	2009	Subaru	Forester	2.5	9FJXJ02.5PYH	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581376	ALL
4342	2009	Subaru	Forester	2.5	9FJXJ02.5PYH	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581620	ALL
4343	2009	Subaru	Forester	2.5	9FJXJ02.5PYH	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591076	ALL
4344	2009	Subaru	Forester	2.5	9FJXJ02.5PYH	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591159	ALL
4345	2009	Subaru	Outback	2.5	9FJXJ02.5PYH	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581416	ALL
4346	2009	Subaru	Outback	2.5	9FJXJ02.5PYH	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591076	MANUAL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4347	2009	Subaru	Outback	2.5	9FJXJ02.5PYH	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591159	MANUAL
4348	2009	Subaru	Outback	3	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4349	2009	Subaru	Outback	3	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4350	2009	Subaru	Outback	3	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4351	2009	Subaru	Outback	3	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581334	ALL
4352	2009	Subaru	Outback	3	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581304	ALL
4353	2009	Subaru	Outback	3	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581305	ALL
4354	2009	Subaru	Outback	3	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581306	ALL
4355	2009	Subaru	Outback	3	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581333	ALL
4356	2009	Subaru	Tribeca	3.6	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4357	2009	Subaru	Tribeca	3.6	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4358	2009	Subaru	Tribeca	3.6	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4359	2009	Subaru	Tribeca	3.6	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581334	ALL
4360	2009	Subaru	Tribeca	3.6	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581304	ALL
4361	2009	Subaru	Tribeca	3.6	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581305	ALL
4362	2009	Subaru	Tribeca	3.6	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	UNIVERSAL	5581306	ALL
4363	2009	Subaru	Tribeca	3.6	9FJXJ03.6TSF	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581333	ALL
4364	2010	Subaru	Forester	2.5	AFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581375	ALL
4365	2010	Subaru	Forester	2.5	AFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581376	ALL
4366	2010	Subaru	Forester	2.5	AFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581620	ALL
4367	2010	Subaru	Forester	2.5	AFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591076	ALL
4368	2010	Subaru	Forester	2.5	AFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591159	ALL
4369	2010	Subaru	Outback	3.6	AFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4370	2010	Subaru	Outback	3.6	AFJXJ03.6TGK	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4371	2010	Subaru	Outback	3.6	AFJXJ03.6TGK	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4372	2010	Subaru	Outback	3.6	AFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4373	2010	Subaru	Outback	3.6	AFJXJ03.6TGK	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4374	2010	Subaru	Outback	3.6	AFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4375	2010	Subaru	Outback	3.6	AFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
4376	2010	Subaru	Outback	3.6	AFJXJ03.6TGK	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
4377	2010	Subaru	Outback	3.6	AFJXJ03.6TGK	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
4378	2010	Subaru	Outback	3.6	AFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
4379	2010	Subaru	Outback	3.6	AFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
4380	2010	Subaru	Outback	3.6	AFJXJ03.6TGK	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
4381	2010	Subaru	Outback	3.6	AFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581628	ALL
4382	2010	Subaru	Outback	3.6	AFJXJ03.6TGK	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581628	ALL
4383	2010	Subaru	Outback	3.6	AFJXJ03.6TGK	LEV2 LEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581926	ALL
4384	2010	Subaru	Outback	3.6	AFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581926	ALL
4385	2011	Subaru	Forester	2.5	BFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581375	ALL
4386	2011	Subaru	Forester	2.5	BFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581376	ALL
4387	2011	Subaru	Forester	2.5	BFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581620	ALL

Appendix D-193-138
Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4388	2011	Subaru	Forester	2.5	BFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591076	ALL
4389	2011	Subaru	Forester	2.5	BFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591159	ALL
4390	2011	Subaru	Outback	3.6	BFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4391	2011	Subaru	Outback	3.6	BFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4392	2011	Subaru	Outback	3.6	BFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4393	2011	Subaru	Outback	3.6	BFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
4394	2011	Subaru	Outback	3.6	BFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
4395	2011	Subaru	Outback	3.6	BFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
4396	2011	Subaru	Outback	3.6	BFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581628	ALL
4397	2011	Subaru	Outback	3.6	BFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581926	ALL
4398	2012	Subaru	Forester	2.5	CFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581375	ALL
4399	2012	Subaru	Forester	2.5	CFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581376	ALL
4400	2012	Subaru	Forester	2.5	CFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581620	ALL
4401	2012	Subaru	Forester	2.5	CFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591076	ALL
4402	2012	Subaru	Forester	2.5	CFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591159	ALL
4403	2012	Subaru	Outback	3.6	CFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4404	2012	Subaru	Outback	3.6	CFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4405	2012	Subaru	Outback	3.6	CFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4406	2012	Subaru	Outback	3.6	CFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
4407	2012	Subaru	Outback	3.6	CFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
4408	2012	Subaru	Outback	3.6	CFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
4409	2012	Subaru	Outback	3.6	CFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581628	ALL
4410	2012	Subaru	Outback	3.6	CFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581926	ALL
4411	2013	Subaru	Forester	2.5	DFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581375	ALL
4412	2013	Subaru	Forester	2.5	DFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581376	ALL
4413	2013	Subaru	Forester	2.5	DFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	5581620	ALL
4414	2013	Subaru	Forester	2.5	DFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591076	ALL
4415	2013	Subaru	Forester	2.5	DFJXJ02.5PHL	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	DIRECT FIT	5591159	ALL
4416	2013	Subaru	Outback	3.6	DFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4417	2013	Subaru	Outback	3.6	DFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4418	2013	Subaru	Outback	3.6	DFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4419	2013	Subaru	Outback	3.6	DFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
4420	2013	Subaru	Outback	3.6	DFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
4421	2013	Subaru	Outback	3.6	DFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
4422	2013	Subaru	Outback	3.6	DFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581628	ALL
4423	2013	Subaru	Outback	3.6	DFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581926	ALL
4424	2014	Subaru	Forester	2	EFJXJ02.0FPT	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581304	ALL
4425	2014	Subaru	Forester	2	EFJXJ02.0FPT	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581305	ALL
4426	2014	Subaru	Forester	2	EFJXJ02.0FPT	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581306	ALL
4427	2014	Subaru	Forester	2	EFJXJ02.0FPT	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591304	ALL
4428	2014	Subaru	Forester	2	EFJXJ02.0FPT	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4429	2014	Subaru	Forester	2	EFJXJ02.0FPT	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
4430	2014	Subaru	Forester	2	EFJXJ02.0FPT	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581621	ALL
4431	2014	Subaru	Outback	3.6	EFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581304	ALL
4432	2014	Subaru	Outback	3.6	EFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581305	ALL
4433	2014	Subaru	Outback	3.6	EFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5581306	ALL
4434	2014	Subaru	Outback	3.6	EFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581304	ALL
4435	2014	Subaru	Outback	3.6	EFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581305	ALL
4436	2014	Subaru	Outback	3.6	EFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5581306	ALL
4437	2014	Subaru	Outback	3.6	EFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	UL	DIRECT FIT	5581628	ALL
4438	2014	Subaru	Outback	3.6	EFJXJ03.6WFJ	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	UR	DIRECT FIT	5581926	ALL
4439	2009	Suzuki	Equator	2.5	9NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581596	ALL
4440	2009	Suzuki	Equator	2.5	9NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
4441	2009	Suzuki	Equator	2.5	9NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
4442	2009	Suzuki	Equator	2.5	9NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
4443	2009	Suzuki	Equator	2.5	9NSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591602	ALL
4444	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
4445	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
4446	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
4447	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
4448	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
4449	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
4450	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
4451	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
4452	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
4453	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
4454	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
4455	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
4456	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
4457	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
4458	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
4459	2009	Suzuki	Equator	4	9NSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
4460	2010	Suzuki	Equator	2.5	ANSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581596	ALL
4461	2010	Suzuki	Equator	2.5	ANSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
4462	2010	Suzuki	Equator	2.5	ANSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
4463	2010	Suzuki	Equator	2.5	ANSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
4464	2010	Suzuki	Equator	2.5	ANSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591602	ALL
4465	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
4466	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
4467	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
4468	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
4469	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4470	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
4471	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
4472	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
4473	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
4474	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
4475	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
4476	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
4477	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
4478	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
4479	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
4480	2010	Suzuki	Equator	4	ANSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
4481	2011	Suzuki	Equator	2.5	BNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581596	ALL
4482	2011	Suzuki	Equator	2.5	BNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
4483	2011	Suzuki	Equator	2.5	BNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
4484	2011	Suzuki	Equator	2.5	BNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
4485	2011	Suzuki	Equator	2.5	BNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591602	ALL
4486	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
4487	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
4488	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
4489	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL
4490	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
4491	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
4492	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
4493	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
4494	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
4495	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
4496	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
4497	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
4498	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
4499	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
4500	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
4501	2011	Suzuki	Equator	4	BNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
4502	2012	Suzuki	Equator	2.5	CNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581596	ALL
4503	2012	Suzuki	Equator	2.5	CNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
4504	2012	Suzuki	Equator	2.5	CNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
4505	2012	Suzuki	Equator	2.5	CNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
4506	2012	Suzuki	Equator	2.5	CNSXT02.5G5A	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591602	ALL
4507	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581304	ALL
4508	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
4509	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
4510	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581665	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4511	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581304	ALL
4512	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
4513	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
4514	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581668	ALL
4515	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
4516	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
4517	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
4518	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RL	DIRECT FIT	5591669	ALL
4519	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
4520	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
4521	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
4522	2012	Suzuki	Equator	4	CNSXT04.0G6A	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	RR	DIRECT FIT	5591670	ALL
4523	2004	Toyota	Highlander	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581833	ALL
4524	2004	Toyota	Highlander	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581837	ALL
4525	2004	Toyota	Highlander	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
4526	2004	Toyota	Highlander	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
4527	2004	Toyota	Highlander	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
4528	2004	Toyota	Highlander	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
4529	2004	Toyota	Sienna	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	5581833	ALL
4530	2004	Toyota	Sienna	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5581834	FWD
4531	2004	Toyota	Sienna	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5581837	AWD
4532	2004	Toyota	Sienna	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591030	AWD
4533	2004	Toyota	Sienna	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591099	FWD
4534	2004	Toyota	Sienna	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	FWD
4535	2004	Toyota	Sienna	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	AWD
4536	2004	Toyota	Sienna	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	AWD
4537	2004	Toyota	Sienna	3.3	4TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	FWD
4538	2005	Toyota	4Runner	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4539	2005	Toyota	4Runner	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4540	2005	Toyota	4Runner	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591210	ALL
4541	2005	Toyota	4Runner	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4542	2005	Toyota	4Runner	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4543	2005	Toyota	4Runner	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
4544	2005	Toyota	4Runner	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
4545	2005	Toyota	4Runner	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
4546	2005	Toyota	4Runner	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4547	2005	Toyota	4Runner	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4548	2005	Toyota	4Runner	4.7	5TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
4549	2005	Toyota	4Runner	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
4550	2005	Toyota	4Runner	4.7	5TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
4551	2005	Toyota	4Runner	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4552	2005	Toyota	4Runner	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4553	2005	Toyota	4Runner	4.7	5TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4554	2005	Toyota	4Runner	4.7	5TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4555	2005	Toyota	4Runner	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4556	2005	Toyota	4Runner	4.7	5TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
4557	2005	Toyota	4Runner	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
4558	2005	Toyota	4Runner	4.7	5TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4559	2005	Toyota	4Runner	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4560	2005	Toyota	4Runner	4.7	5TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4561	2005	Toyota	4Runner	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4562	2005	Toyota	4Runner	4.7	5TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
4563	2005	Toyota	4Runner	4.7	5TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
4564	2005	Toyota	Highlander	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581833	ALL
4565	2005	Toyota	Highlander	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581837	ALL
4566	2005	Toyota	Highlander	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
4567	2005	Toyota	Highlander	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
4568	2005	Toyota	Highlander	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
4569	2005	Toyota	Highlander	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
4570	2005	Toyota	Sienna	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	5581833	ALL
4571	2005	Toyota	Sienna	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5581834	FWD
4572	2005	Toyota	Sienna	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5581837	AWD
4573	2005	Toyota	Sienna	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591030	AWD
4574	2005	Toyota	Sienna	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591099	FWD
4575	2005	Toyota	Sienna	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	AWD
4576	2005	Toyota	Sienna	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	FWD
4577	2005	Toyota	Sienna	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	FWD
4578	2005	Toyota	Sienna	3.3	5TYXT03.3PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	AWD
4579	2005	Toyota	Tacoma	2.7	5TYXT02.7NHM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581236	ALL
4580	2005	Toyota	Tacoma	2.7	5TYXT02.7NHM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
4581	2005	Toyota	Tacoma	2.7	5TYXT02.7NHM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
4582	2005	Toyota	Tacoma	2.7	5TYXT02.7NHM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581703	ALL
4583	2005	Toyota	Tacoma	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4584	2005	Toyota	Tacoma	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4585	2005	Toyota	Tacoma	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	2WD
4586	2005	Toyota	Tacoma	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	2WD
4587	2005	Toyota	Tacoma	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	4WD
4588	2005	Toyota	Tacoma	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	2WD
4589	2005	Toyota	Tacoma	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	4WD
4590	2005	Toyota	Tacoma	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591562	4WD
4591	2005	Toyota	Tacoma	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591701	2WD
4592	2005	Toyota	Tacoma	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4593	2005	Toyota	Tacoma	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4594	2005	Toyota	Tacoma	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4595	2005	Toyota	Tacoma	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591661	ALL
4596	2005	Toyota	Tundra	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4597	2005	Toyota	Tundra	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4598	2005	Toyota	Tundra	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4599	2005	Toyota	Tundra	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
4600	2005	Toyota	Tundra	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591572	ALL
4601	2005	Toyota	Tundra	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4602	2005	Toyota	Tundra	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4603	2005	Toyota	Tundra	4	5TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591573	ALL
4604	2006	Toyota	4Runner	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4605	2006	Toyota	4Runner	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4606	2006	Toyota	4Runner	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591210	ALL
4607	2006	Toyota	4Runner	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4608	2006	Toyota	4Runner	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4609	2006	Toyota	4Runner	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
4610	2006	Toyota	4Runner	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
4611	2006	Toyota	4Runner	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
4612	2006	Toyota	4Runner	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4613	2006	Toyota	4Runner	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4614	2006	Toyota	4Runner	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
4615	2006	Toyota	4Runner	4.7	6TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
4616	2006	Toyota	4Runner	4.7	6TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
4617	2006	Toyota	4Runner	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
4618	2006	Toyota	4Runner	4.7	6TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4619	2006	Toyota	4Runner	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4620	2006	Toyota	4Runner	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4621	2006	Toyota	4Runner	4.7	6TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4622	2006	Toyota	4Runner	4.7	6TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
4623	2006	Toyota	4Runner	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
4624	2006	Toyota	4Runner	4.7	6TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4625	2006	Toyota	4Runner	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4626	2006	Toyota	4Runner	4.7	6TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4627	2006	Toyota	4Runner	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4628	2006	Toyota	4Runner	4.7	6TYXT04.7PKX	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
4629	2006	Toyota	4Runner	4.7	6TYXT04.7PEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
4630	2006	Toyota	Highlander	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581833	ALL
4631	2006	Toyota	Highlander	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581837	ALL
4632	2006	Toyota	Highlander	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
4633	2006	Toyota	Highlander	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4634	2006	Toyota	Highlander	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
4635	2006	Toyota	Highlander	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
4636	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581304	ALL
4637	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
4638	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
4639	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5591056	ALL
4640	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581304	ALL
4641	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
4642	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
4643	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5591056	ALL
4644	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL
4645	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4646	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4647	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
4648	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4649	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4650	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581036	ALL
4651	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581422	ALL
4652	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581422	ALL
4653	2006	Toyota	Land Cruiser	4.7	6TYXT04.7NKY	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581631	ALL
4654	2006	Toyota	RAV4	3.5	6TYXT03.5PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
4655	2006	Toyota	RAV4	3.5	6TYXT03.5PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581820	ALL
4656	2006	Toyota	RAV4	3.5	6TYXT03.5PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
4657	2006	Toyota	RAV4	3.5	6TYXT03.5PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
4658	2006	Toyota	RAV4	3.5	6TYXT03.5PEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591749	ALL
4659	2006	Toyota	Sienna	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	5581833	ALL
4660	2006	Toyota	Sienna	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5581834	FWD
4661	2006	Toyota	Sienna	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5581837	AWD
4662	2006	Toyota	Sienna	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591030	AWD
4663	2006	Toyota	Sienna	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591099	FWD
4664	2006	Toyota	Sienna	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	AWD
4665	2006	Toyota	Sienna	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	FWD
4666	2006	Toyota	Sienna	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	AWD
4667	2006	Toyota	Sienna	3.3	6TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	FWD
4668	2006	Toyota	Tacoma	2.7	6TYXT02.7NHM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581236	ALL
4669	2006	Toyota	Tacoma	2.7	6TYXT02.7NHM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
4670	2006	Toyota	Tacoma	2.7	6TYXT02.7NHM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
4671	2006	Toyota	Tacoma	2.7	6TYXT02.7NHM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581703	ALL
4672	2006	Toyota	Tacoma	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4673	2006	Toyota	Tacoma	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4674	2006	Toyota	Tacoma	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	2WD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4675	2006	Toyota	Tacoma	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	2WD
4676	2006	Toyota	Tacoma	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	4WD
4677	2006	Toyota	Tacoma	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	4WD
4678	2006	Toyota	Tacoma	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	2WD
4679	2006	Toyota	Tacoma	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591562	4WD
4680	2006	Toyota	Tacoma	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591701	2WD
4681	2006	Toyota	Tacoma	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
4682	2006	Toyota	Tacoma	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4683	2006	Toyota	Tacoma	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4684	2006	Toyota	Tacoma	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591661	ALL
4685	2006	Toyota	Tundra	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4686	2006	Toyota	Tundra	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4687	2006	Toyota	Tundra	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4688	2006	Toyota	Tundra	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
4689	2006	Toyota	Tundra	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591572	ALL
4690	2006	Toyota	Tundra	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4691	2006	Toyota	Tundra	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4692	2006	Toyota	Tundra	4	6TYXT04.0NEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591573	ALL
4693	2007	Toyota	4Runner	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4694	2007	Toyota	4Runner	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4695	2007	Toyota	4Runner	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591210	ALL
4696	2007	Toyota	4Runner	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4697	2007	Toyota	4Runner	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4698	2007	Toyota	4Runner	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
4699	2007	Toyota	4Runner	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
4700	2007	Toyota	4Runner	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
4701	2007	Toyota	4Runner	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4702	2007	Toyota	4Runner	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4703	2007	Toyota	4Runner	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
4704	2007	Toyota	4Runner	4.7	7TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
4705	2007	Toyota	4Runner	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
4706	2007	Toyota	4Runner	4.7	7TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
4707	2007	Toyota	4Runner	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4708	2007	Toyota	4Runner	4.7	7TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4709	2007	Toyota	4Runner	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4710	2007	Toyota	4Runner	4.7	7TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4711	2007	Toyota	4Runner	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
4712	2007	Toyota	4Runner	4.7	7TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
4713	2007	Toyota	4Runner	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4714	2007	Toyota	4Runner	4.7	7TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4715	2007	Toyota	4Runner	4.7	7TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4716	2007	Toyota	4Runner	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4717	2007	Toyota	4Runner	4.7	7TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
4718	2007	Toyota	4Runner	4.7	7TYXT04.7BKY	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
4719	2007	Toyota	FJ Cruiser	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4720	2007	Toyota	FJ Cruiser	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4721	2007	Toyota	FJ Cruiser	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591210	ALL
4722	2007	Toyota	FJ Cruiser	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4723	2007	Toyota	FJ Cruiser	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4724	2007	Toyota	FJ Cruiser	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
4725	2007	Toyota	FJ Cruiser	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
4726	2007	Toyota	FJ Cruiser	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
4727	2007	Toyota	FJ Cruiser	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4728	2007	Toyota	FJ Cruiser	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4729	2007	Toyota	Highlander	2.4	7TYXT02.4AHN	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581859	ALL
4730	2007	Toyota	Highlander	2.4	7TYXT02.4AHN	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
4731	2007	Toyota	Highlander	2.4	7TYXT02.4AHN	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
4732	2007	Toyota	Highlander	2.4	7TYXT02.4AHN	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
4733	2007	Toyota	Highlander	2.4	7TYXT02.4AHN	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591408	ALL
4734	2007	Toyota	Highlander	3.3	7TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581833	ALL
4735	2007	Toyota	Highlander	3.3	7TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581837	ALL
4736	2007	Toyota	Highlander	3.3	7TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
4737	2007	Toyota	Highlander	3.3	7TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
4738	2007	Toyota	Highlander	3.3	7TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
4739	2007	Toyota	Highlander	3.3	7TYXT03.3BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
4740	2007	Toyota	Land Cruiser	4.7	7TYXT04.7AKV	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5591056	ALL
4741	2007	Toyota	Land Cruiser	4.7	7TYXT04.7AKV	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5591056	ALL
4742	2007	Toyota	Land Cruiser	4.7	7TYXT04.7AKV	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581036	ALL
4743	2007	Toyota	Land Cruiser	4.7	7TYXT04.7AKV	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581631	ALL
4744	2007	Toyota	RAV4	3.5	7TYXT03.5BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581250	ALL
4745	2007	Toyota	RAV4	3.5	7TYXT03.5BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581820	ALL
4746	2007	Toyota	RAV4	3.5	7TYXT03.5BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	UNIVERSAL	5591305	ALL
4747	2007	Toyota	RAV4	3.5	7TYXT03.5BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	UNIVERSAL	5591306	ALL
4748	2007	Toyota	RAV4	3.5	7TYXT03.5BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5591749	ALL
4749	2007	Toyota	Sienna	3.5	7TYXT03.5BEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581250	AWD
4750	2007	Toyota	Sienna	3.5	7TYXT03.5BEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581858	FWD
4751	2007	Toyota	Sienna	3.5	7TYXT03.5BEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581822	FWD
4752	2007	Toyota	Sienna	3.5	7TYXT03.5BEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581832	AWD
4753	2007	Toyota	Sienna	3.5	7TYXT03.5BEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	UNIVERSAL	5591304	AWD
4754	2007	Toyota	Sienna	3.5	7TYXT03.5BEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	UNIVERSAL	5591305	FWD
4755	2007	Toyota	Sienna	3.5	7TYXT03.5BEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	UNIVERSAL	5591305	AWD
4756	2007	Toyota	Sienna	3.5	7TYXT03.5BEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	UNIVERSAL	5591306	FWD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4757	2007	Toyota	Sienna	3.5	7TYXT03.5BEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	UNIVERSAL	5591306	AWD
4758	2007	Toyota	Sienna	3.5	7TYXT03.5BEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5591547	AWD
4759	2007	Toyota	Sienna	3.5	7TYXT03.5BEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5591550	FWD
4760	2007	Toyota	Tacoma	2.7	7TYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581236	ALL
4761	2007	Toyota	Tacoma	2.7	7TYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
4762	2007	Toyota	Tacoma	2.7	7TYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
4763	2007	Toyota	Tacoma	2.7	7TYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581703	ALL
4764	2007	Toyota	Tacoma	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4765	2007	Toyota	Tacoma	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4766	2007	Toyota	Tacoma	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	2WD
4767	2007	Toyota	Tacoma	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	4WD
4768	2007	Toyota	Tacoma	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	2WD
4769	2007	Toyota	Tacoma	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	4WD
4770	2007	Toyota	Tacoma	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	2WD
4771	2007	Toyota	Tacoma	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591562	4WD
4772	2007	Toyota	Tacoma	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591701	2WD
4773	2007	Toyota	Tacoma	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
4774	2007	Toyota	Tacoma	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4775	2007	Toyota	Tacoma	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4776	2007	Toyota	Tacoma	4	7TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591661	ALL
4777	2007	Toyota	Tundra	4	7TYXT04.0AEV	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
4778	2007	Toyota	Tundra	4	7TYXT04.0AEV	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
4779	2007	Toyota	Tundra	4	7TYXT04.0AEV	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
4780	2007	Toyota	Tundra	4	7TYXT04.0AEV	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
4781	2007	Toyota	Tundra	4	7TYXT04.0AEV	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4782	2007	Toyota	Tundra	4	7TYXT04.0AEV	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4783	2007	Toyota	Tundra	4	7TYXT04.0AEV	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4784	2007	Toyota	Tundra	4	7TYXT04.0AEV	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4785	2007	Toyota	Tundra	4	7TYXT04.0AEV	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581570	ALL
4786	2007	Toyota	Tundra	4	7TYXT04.0AEV	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581625	ALL
4787	2007	Toyota	Tundra	4	7TYXT04.0AEV	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581626	ALL
4788	2007	Toyota	Tundra	4.7	7TYXT04.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
4789	2007	Toyota	Tundra	4.7	7TYXT04.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
4790	2007	Toyota	Tundra	4.7	7TYXT04.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
4791	2007	Toyota	Tundra	4.7	7TYXT04.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
4792	2007	Toyota	Tundra	4.7	7TYXT04.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4793	2007	Toyota	Tundra	4.7	7TYXT04.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4794	2007	Toyota	Tundra	4.7	7TYXT04.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4795	2007	Toyota	Tundra	4.7	7TYXT04.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4796	2007	Toyota	Tundra	4.7	7TYXT04.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581571	ALL
4797	2007	Toyota	Tundra	4.7	7TYXT04.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581625	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4798	2007	Toyota	Tundra	4.7	7TYXT04.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581626	ALL
4799	2007	Toyota	Tundra	5.7	7TYXT05.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
4800	2007	Toyota	Tundra	5.7	7TYXT05.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
4801	2007	Toyota	Tundra	5.7	7TYXT05.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
4802	2007	Toyota	Tundra	5.7	7TYXT05.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
4803	2007	Toyota	Tundra	5.7	7TYXT05.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4804	2007	Toyota	Tundra	5.7	7TYXT05.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4805	2007	Toyota	Tundra	5.7	7TYXT05.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4806	2007	Toyota	Tundra	5.7	7TYXT05.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4807	2007	Toyota	Tundra	5.7	7TYXT05.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581629	ALL
4808	2007	Toyota	Tundra	5.7	7TYXT05.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581935	ALL
4809	2007	Toyota	Tundra	5.7	7TYXT05.7BEV	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
4810	2008	Toyota	4Runner	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4811	2008	Toyota	4Runner	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4812	2008	Toyota	4Runner	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591210	ALL
4813	2008	Toyota	4Runner	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4814	2008	Toyota	4Runner	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4815	2008	Toyota	4Runner	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
4816	2008	Toyota	4Runner	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
4817	2008	Toyota	4Runner	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
4818	2008	Toyota	4Runner	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4819	2008	Toyota	4Runner	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4820	2008	Toyota	4Runner	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
4821	2008	Toyota	4Runner	4.7	8TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
4822	2008	Toyota	4Runner	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
4823	2008	Toyota	4Runner	4.7	8TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
4824	2008	Toyota	4Runner	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4825	2008	Toyota	4Runner	4.7	8TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4826	2008	Toyota	4Runner	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4827	2008	Toyota	4Runner	4.7	8TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4828	2008	Toyota	4Runner	4.7	8TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
4829	2008	Toyota	4Runner	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
4830	2008	Toyota	4Runner	4.7	8TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4831	2008	Toyota	4Runner	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4832	2008	Toyota	4Runner	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4833	2008	Toyota	4Runner	4.7	8TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4834	2008	Toyota	4Runner	4.7	8TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
4835	2008	Toyota	4Runner	4.7	8TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
4836	2008	Toyota	FJ Cruiser	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4837	2008	Toyota	FJ Cruiser	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4838	2008	Toyota	FJ Cruiser	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591210	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4839	2008	Toyota	FJ Cruiser	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4840	2008	Toyota	FJ Cruiser	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4841	2008	Toyota	FJ Cruiser	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
4842	2008	Toyota	FJ Cruiser	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
4843	2008	Toyota	FJ Cruiser	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
4844	2008	Toyota	FJ Cruiser	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4845	2008	Toyota	FJ Cruiser	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4846	2008	Toyota	Highlander	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581858	ALL
4847	2008	Toyota	Highlander	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581581	ALL
4848	2008	Toyota	Highlander	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
4849	2008	Toyota	Highlander	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
4850	2008	Toyota	Highlander	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
4851	2008	Toyota	Highlander	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
4852	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
4853	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
4854	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
4855	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
4856	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
4857	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
4858	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL
4859	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4860	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4861	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
4862	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4863	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4864	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581208	ALL
4865	2008	Toyota	Land Cruiser	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581209	ALL
4866	2008	Toyota	RAV4	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
4867	2008	Toyota	RAV4	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581820	ALL
4868	2008	Toyota	RAV4	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
4869	2008	Toyota	RAV4	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
4870	2008	Toyota	RAV4	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591749	ALL
4871	2008	Toyota	Sequoia	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
4872	2008	Toyota	Sequoia	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
4873	2008	Toyota	Sequoia	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
4874	2008	Toyota	Sequoia	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
4875	2008	Toyota	Sequoia	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4876	2008	Toyota	Sequoia	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4877	2008	Toyota	Sequoia	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4878	2008	Toyota	Sequoia	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4879	2008	Toyota	Sequoia	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581625	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4880	2008	Toyota	Sequoia	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581626	ALL
4881	2008	Toyota	Sequoia	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
4882	2008	Toyota	Sequoia	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
4883	2008	Toyota	Sequoia	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
4884	2008	Toyota	Sequoia	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
4885	2008	Toyota	Sequoia	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4886	2008	Toyota	Sequoia	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4887	2008	Toyota	Sequoia	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4888	2008	Toyota	Sequoia	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4889	2008	Toyota	Sequoia	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581559	ALL
4890	2008	Toyota	Sequoia	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
4891	2008	Toyota	Sienna	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	AWD
4892	2008	Toyota	Sienna	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581858	FWD
4893	2008	Toyota	Sienna	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581822	FWD
4894	2008	Toyota	Sienna	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581832	AWD
4895	2008	Toyota	Sienna	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	AWD
4896	2008	Toyota	Sienna	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	FWD
4897	2008	Toyota	Sienna	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	AWD
4898	2008	Toyota	Sienna	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	AWD
4899	2008	Toyota	Sienna	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	FWD
4900	2008	Toyota	Sienna	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591547	AWD
4901	2008	Toyota	Sienna	3.5	8TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591550	FWD
4902	2008	Toyota	Tacoma	2.7	8TYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581236	ALL
4903	2008	Toyota	Tacoma	2.7	8TYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
4904	2008	Toyota	Tacoma	2.7	8TYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
4905	2008	Toyota	Tacoma	2.7	8TYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581703	ALL
4906	2008	Toyota	Tacoma	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4907	2008	Toyota	Tacoma	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4908	2008	Toyota	Tacoma	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	2WD
4909	2008	Toyota	Tacoma	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	2WD
4910	2008	Toyota	Tacoma	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	4WD
4911	2008	Toyota	Tacoma	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	4WD
4912	2008	Toyota	Tacoma	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	2WD
4913	2008	Toyota	Tacoma	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591562	4WD
4914	2008	Toyota	Tacoma	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591701	2WD
4915	2008	Toyota	Tacoma	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
4916	2008	Toyota	Tacoma	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4917	2008	Toyota	Tacoma	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4918	2008	Toyota	Tacoma	4	8TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591661	ALL
4919	2008	Toyota	Tundra	4	8TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
4920	2008	Toyota	Tundra	4	8TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4921	2008	Toyota	Tundra	4	8TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
4922	2008	Toyota	Tundra	4	8TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
4923	2008	Toyota	Tundra	4	8TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4924	2008	Toyota	Tundra	4	8TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4925	2008	Toyota	Tundra	4	8TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4926	2008	Toyota	Tundra	4	8TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4927	2008	Toyota	Tundra	4	8TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581570	ALL
4928	2008	Toyota	Tundra	4	8TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581625	ALL
4929	2008	Toyota	Tundra	4	8TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581626	ALL
4930	2008	Toyota	Tundra	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
4931	2008	Toyota	Tundra	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
4932	2008	Toyota	Tundra	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
4933	2008	Toyota	Tundra	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
4934	2008	Toyota	Tundra	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4935	2008	Toyota	Tundra	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4936	2008	Toyota	Tundra	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4937	2008	Toyota	Tundra	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4938	2008	Toyota	Tundra	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581571	ALL
4939	2008	Toyota	Tundra	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581625	ALL
4940	2008	Toyota	Tundra	4.7	8TYXT04.7BGX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581626	ALL
4941	2008	Toyota	Tundra	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
4942	2008	Toyota	Tundra	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
4943	2008	Toyota	Tundra	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
4944	2008	Toyota	Tundra	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
4945	2008	Toyota	Tundra	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
4946	2008	Toyota	Tundra	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
4947	2008	Toyota	Tundra	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
4948	2008	Toyota	Tundra	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
4949	2008	Toyota	Tundra	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581629	ALL
4950	2008	Toyota	Tundra	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581935	ALL
4951	2008	Toyota	Tundra	5.7	8TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
4952	2009	Toyota	4Runner	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4953	2009	Toyota	4Runner	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4954	2009	Toyota	4Runner	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591210	ALL
4955	2009	Toyota	4Runner	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4956	2009	Toyota	4Runner	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4957	2009	Toyota	4Runner	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
4958	2009	Toyota	4Runner	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
4959	2009	Toyota	4Runner	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
4960	2009	Toyota	4Runner	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4961	2009	Toyota	4Runner	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
4962	2009	Toyota	4Runner	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
4963	2009	Toyota	4Runner	4.7	9TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581323	ALL
4964	2009	Toyota	4Runner	4.7	9TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
4965	2009	Toyota	4Runner	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581217	ALL
4966	2009	Toyota	4Runner	4.7	9TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4967	2009	Toyota	4Runner	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4968	2009	Toyota	4Runner	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4969	2009	Toyota	4Runner	4.7	9TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4970	2009	Toyota	4Runner	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
4971	2009	Toyota	4Runner	4.7	9TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591697	ALL
4972	2009	Toyota	4Runner	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4973	2009	Toyota	4Runner	4.7	9TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4974	2009	Toyota	4Runner	4.7	9TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4975	2009	Toyota	4Runner	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4976	2009	Toyota	4Runner	4.7	9TYXT04.7BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
4977	2009	Toyota	4Runner	4.7	9TYXT04.7BES	LEV2 ULEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591698	ALL
4978	2009	Toyota	FJ Cruiser	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
4979	2009	Toyota	FJ Cruiser	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
4980	2009	Toyota	FJ Cruiser	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591210	ALL
4981	2009	Toyota	FJ Cruiser	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
4982	2009	Toyota	FJ Cruiser	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
4983	2009	Toyota	FJ Cruiser	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
4984	2009	Toyota	FJ Cruiser	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
4985	2009	Toyota	FJ Cruiser	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
4986	2009	Toyota	FJ Cruiser	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
4987	2009	Toyota	FJ Cruiser	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
4988	2009	Toyota	Highlander	2.7	9TYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	DIRECT FIT	5581206	ALL
4989	2009	Toyota	Highlander	2.7	9TYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	UNIVERSAL	5581304	ALL
4990	2009	Toyota	Highlander	2.7	9TYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	UNIVERSAL	5581305	ALL
4991	2009	Toyota	Highlander	2.7	9TYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	UNIVERSAL	5581306	ALL
4992	2009	Toyota	Highlander	2.7	9TYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FR	DIRECT FIT	5591207	ALL
4993	2009	Toyota	Highlander	2.7	9TYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FR	UNIVERSAL	5591305	ALL
4994	2009	Toyota	Highlander	2.7	9TYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FR	UNIVERSAL	5591306	ALL
4995	2009	Toyota	Highlander	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581858	ALL
4996	2009	Toyota	Highlander	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581581	ALL
4997	2009	Toyota	Highlander	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
4998	2009	Toyota	Highlander	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
4999	2009	Toyota	Highlander	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
5000	2009	Toyota	Highlander	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
5001	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
5002	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5003	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
5004	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
5005	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
5006	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
5007	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL
5008	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5009	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5010	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
5011	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5012	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5013	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581208	ALL
5014	2009	Toyota	Land Cruiser	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581209	ALL
5015	2009	Toyota	RAV4	2.5	9TYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581327	ALL
5016	2009	Toyota	RAV4	2.5	9TYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591304	ALL
5017	2009	Toyota	RAV4	2.5	9TYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591305	ALL
5018	2009	Toyota	RAV4	2.5	9TYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591306	ALL
5019	2009	Toyota	RAV4	2.5	9TYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5591944	ALL
5020	2009	Toyota	RAV4	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
5021	2009	Toyota	RAV4	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581820	ALL
5022	2009	Toyota	RAV4	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
5023	2009	Toyota	RAV4	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
5024	2009	Toyota	RAV4	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591749	ALL
5025	2009	Toyota	Sequoia	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5026	2009	Toyota	Sequoia	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5027	2009	Toyota	Sequoia	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5028	2009	Toyota	Sequoia	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5029	2009	Toyota	Sequoia	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5030	2009	Toyota	Sequoia	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5031	2009	Toyota	Sequoia	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5032	2009	Toyota	Sequoia	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5033	2009	Toyota	Sequoia	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581625	ALL
5034	2009	Toyota	Sequoia	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581626	ALL
5035	2009	Toyota	Sequoia	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5036	2009	Toyota	Sequoia	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5037	2009	Toyota	Sequoia	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5038	2009	Toyota	Sequoia	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5039	2009	Toyota	Sequoia	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5040	2009	Toyota	Sequoia	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5041	2009	Toyota	Sequoia	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5042	2009	Toyota	Sequoia	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5043	2009	Toyota	Sequoia	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581559	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5044	2009	Toyota	Sequoia	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5045	2009	Toyota	Sienna	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	AWD
5046	2009	Toyota	Sienna	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581858	FWD
5047	2009	Toyota	Sienna	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581822	FWD
5048	2009	Toyota	Sienna	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581832	AWD
5049	2009	Toyota	Sienna	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	AWD
5050	2009	Toyota	Sienna	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	FWD
5051	2009	Toyota	Sienna	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	AWD
5052	2009	Toyota	Sienna	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	FWD
5053	2009	Toyota	Sienna	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	AWD
5054	2009	Toyota	Sienna	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591547	AWD
5055	2009	Toyota	Sienna	3.5	9TYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591550	FWD
5056	2009	Toyota	Tacoma	2.7	9TYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581236	ALL
5057	2009	Toyota	Tacoma	2.7	9TYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
5058	2009	Toyota	Tacoma	2.7	9TYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
5059	2009	Toyota	Tacoma	2.7	9TYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581703	ALL
5060	2009	Toyota	Tacoma	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
5061	2009	Toyota	Tacoma	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
5062	2009	Toyota	Tacoma	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	2WD
5063	2009	Toyota	Tacoma	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	4WD
5064	2009	Toyota	Tacoma	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	2WD
5065	2009	Toyota	Tacoma	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	4WD
5066	2009	Toyota	Tacoma	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	2WD
5067	2009	Toyota	Tacoma	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591562	4WD
5068	2009	Toyota	Tacoma	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591701	2WD
5069	2009	Toyota	Tacoma	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
5070	2009	Toyota	Tacoma	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
5071	2009	Toyota	Tacoma	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
5072	2009	Toyota	Tacoma	4	9TYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591661	ALL
5073	2009	Toyota	Tundra	4	9TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5074	2009	Toyota	Tundra	4	9TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5075	2009	Toyota	Tundra	4	9TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5076	2009	Toyota	Tundra	4	9TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5077	2009	Toyota	Tundra	4	9TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5078	2009	Toyota	Tundra	4	9TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5079	2009	Toyota	Tundra	4	9TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5080	2009	Toyota	Tundra	4	9TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5081	2009	Toyota	Tundra	4	9TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581570	ALL
5082	2009	Toyota	Tundra	4	9TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581625	ALL
5083	2009	Toyota	Tundra	4	9TYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581626	ALL
5084	2009	Toyota	Tundra	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5085	2009	Toyota	Tundra	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5086	2009	Toyota	Tundra	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5087	2009	Toyota	Tundra	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5088	2009	Toyota	Tundra	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5089	2009	Toyota	Tundra	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5090	2009	Toyota	Tundra	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5091	2009	Toyota	Tundra	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5092	2009	Toyota	Tundra	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581571	ALL
5093	2009	Toyota	Tundra	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581625	ALL
5094	2009	Toyota	Tundra	4.7	9TYXT04.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581626	ALL
5095	2009	Toyota	Tundra	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5096	2009	Toyota	Tundra	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5097	2009	Toyota	Tundra	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5098	2009	Toyota	Tundra	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5099	2009	Toyota	Tundra	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5100	2009	Toyota	Tundra	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5101	2009	Toyota	Tundra	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5102	2009	Toyota	Tundra	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5103	2009	Toyota	Tundra	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581629	ALL
5104	2009	Toyota	Tundra	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581935	ALL
5105	2009	Toyota	Tundra	5.7	9TYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5106	2010	Toyota	4Runner	4	ATYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581198	ALL
5107	2010	Toyota	4Runner	4	ATYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581228	ALL
5108	2010	Toyota	4Runner	4	ATYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591231	ALL
5109	2010	Toyota	4Runner	4	ATYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
5110	2010	Toyota	4Runner	4	ATYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
5111	2010	Toyota	4Runner	4	ATYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
5112	2010	Toyota	4Runner	4	ATYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
5113	2010	Toyota	4Runner	4	ATYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
5114	2010	Toyota	4Runner	4	ATYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
5115	2010	Toyota	4Runner	4	ATYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
5116	2010	Toyota	FJ Cruiser	4	ATYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581198	ALL
5117	2010	Toyota	FJ Cruiser	4	ATYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581228	ALL
5118	2010	Toyota	FJ Cruiser	4	ATYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591231	ALL
5119	2010	Toyota	FJ Cruiser	4	ATYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
5120	2010	Toyota	FJ Cruiser	4	ATYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
5121	2010	Toyota	FJ Cruiser	4	ATYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
5122	2010	Toyota	FJ Cruiser	4	ATYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
5123	2010	Toyota	FJ Cruiser	4	ATYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
5124	2010	Toyota	FJ Cruiser	4	ATYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
5125	2010	Toyota	FJ Cruiser	4	ATYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5126	2010	Toyota	Highlander	2.7	ATYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	DIRECT FIT	5581206	ALL
5127	2010	Toyota	Highlander	2.7	ATYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	UNIVERSAL	5581304	ALL
5128	2010	Toyota	Highlander	2.7	ATYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	UNIVERSAL	5581305	ALL
5129	2010	Toyota	Highlander	2.7	ATYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	UNIVERSAL	5581306	ALL
5130	2010	Toyota	Highlander	2.7	ATYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FR	DIRECT FIT	5591207	ALL
5131	2010	Toyota	Highlander	2.7	ATYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FR	UNIVERSAL	5591305	ALL
5132	2010	Toyota	Highlander	2.7	ATYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FR	UNIVERSAL	5591306	ALL
5133	2010	Toyota	Highlander	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581858	ALL
5134	2010	Toyota	Highlander	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581581	ALL
5135	2010	Toyota	Highlander	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
5136	2010	Toyota	Highlander	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
5137	2010	Toyota	Highlander	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
5138	2010	Toyota	Highlander	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
5139	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
5140	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
5141	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
5142	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
5143	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
5144	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
5145	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL
5146	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5147	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5148	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
5149	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5150	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5151	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581208	ALL
5152	2010	Toyota	Land Cruiser	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581209	ALL
5153	2010	Toyota	RAV4	2.5	ATYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581327	ALL
5154	2010	Toyota	RAV4	2.5	ATYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591304	ALL
5155	2010	Toyota	RAV4	2.5	ATYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591305	ALL
5156	2010	Toyota	RAV4	2.5	ATYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591306	ALL
5157	2010	Toyota	RAV4	2.5	ATYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5591944	ALL
5158	2010	Toyota	RAV4	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
5159	2010	Toyota	RAV4	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581820	ALL
5160	2010	Toyota	RAV4	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
5161	2010	Toyota	RAV4	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
5162	2010	Toyota	RAV4	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591749	ALL
5163	2010	Toyota	Sequoia	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5164	2010	Toyota	Sequoia	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5165	2010	Toyota	Sequoia	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5166	2010	Toyota	Sequoia	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5167	2010	Toyota	Sequoia	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5168	2010	Toyota	Sequoia	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5169	2010	Toyota	Sequoia	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5170	2010	Toyota	Sequoia	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5171	2010	Toyota	Sequoia	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581559	ALL
5172	2010	Toyota	Sequoia	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5173	2010	Toyota	Sequoia	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5174	2010	Toyota	Sequoia	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5175	2010	Toyota	Sequoia	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5176	2010	Toyota	Sequoia	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5177	2010	Toyota	Sequoia	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5178	2010	Toyota	Sequoia	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5179	2010	Toyota	Sequoia	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5180	2010	Toyota	Sequoia	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5181	2010	Toyota	Sequoia	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581559	ALL
5182	2010	Toyota	Sequoia	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5183	2010	Toyota	Sienna	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	AWD
5184	2010	Toyota	Sienna	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581858	FWD
5185	2010	Toyota	Sienna	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581822	FWD
5186	2010	Toyota	Sienna	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581832	AWD
5187	2010	Toyota	Sienna	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	AWD
5188	2010	Toyota	Sienna	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	AWD
5189	2010	Toyota	Sienna	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	FWD
5190	2010	Toyota	Sienna	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	FWD
5191	2010	Toyota	Sienna	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	AWD
5192	2010	Toyota	Sienna	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591547	AWD
5193	2010	Toyota	Sienna	3.5	ATYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591550	FWD
5194	2010	Toyota	Tacoma	2.7	ATYXT02.7AEM	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581236	ALL
5195	2010	Toyota	Tacoma	2.7	ATYXT02.7AEM	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
5196	2010	Toyota	Tacoma	2.7	ATYXT02.7AEM	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
5197	2010	Toyota	Tacoma	2.7	ATYXT02.7AEM	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581703	ALL
5198	2010	Toyota	Tacoma	4	ATYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
5199	2010	Toyota	Tacoma	4	ATYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
5200	2010	Toyota	Tacoma	4	ATYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	2WD
5201	2010	Toyota	Tacoma	4	ATYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	4WD
5202	2010	Toyota	Tacoma	4	ATYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	2WD
5203	2010	Toyota	Tacoma	4	ATYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	4WD
5204	2010	Toyota	Tacoma	4	ATYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	2WD
5205	2010	Toyota	Tacoma	4	ATYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591562	4WD
5206	2010	Toyota	Tacoma	4	ATYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591701	2WD
5207	2010	Toyota	Tacoma	4	ATYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5208	2010	Toyota	Tacoma	4	ATYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
5209	2010	Toyota	Tacoma	4	ATYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
5210	2010	Toyota	Tacoma	4	ATYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591661	ALL
5211	2010	Toyota	Tundra	4	ATYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5212	2010	Toyota	Tundra	4	ATYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5213	2010	Toyota	Tundra	4	ATYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5214	2010	Toyota	Tundra	4	ATYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5215	2010	Toyota	Tundra	4	ATYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5216	2010	Toyota	Tundra	4	ATYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5217	2010	Toyota	Tundra	4	ATYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5218	2010	Toyota	Tundra	4	ATYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5219	2010	Toyota	Tundra	4	ATYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581570	ALL
5220	2010	Toyota	Tundra	4	ATYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581625	ALL
5221	2010	Toyota	Tundra	4	ATYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581626	ALL
5222	2010	Toyota	Tundra	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5223	2010	Toyota	Tundra	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5224	2010	Toyota	Tundra	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5225	2010	Toyota	Tundra	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5226	2010	Toyota	Tundra	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5227	2010	Toyota	Tundra	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5228	2010	Toyota	Tundra	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5229	2010	Toyota	Tundra	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5230	2010	Toyota	Tundra	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581935	ALL
5231	2010	Toyota	Tundra	4.6	ATYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5232	2010	Toyota	Tundra	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5233	2010	Toyota	Tundra	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5234	2010	Toyota	Tundra	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5235	2010	Toyota	Tundra	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5236	2010	Toyota	Tundra	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5237	2010	Toyota	Tundra	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5238	2010	Toyota	Tundra	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5239	2010	Toyota	Tundra	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5240	2010	Toyota	Tundra	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581629	ALL
5241	2010	Toyota	Tundra	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581935	ALL
5242	2010	Toyota	Tundra	5.7	ATYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5243	2011	Toyota	4Runner	4	BTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581198	ALL
5244	2011	Toyota	4Runner	4	BTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581228	ALL
5245	2011	Toyota	4Runner	4	BTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591231	ALL
5246	2011	Toyota	4Runner	4	BTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
5247	2011	Toyota	4Runner	4	BTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
5248	2011	Toyota	4Runner	4	BTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5249	2011	Toyota	4Runner	4	BTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
5250	2011	Toyota	4Runner	4	BTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
5251	2011	Toyota	4Runner	4	BTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
5252	2011	Toyota	4Runner	4	BTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
5253	2011	Toyota	FJ Cruiser	4	BTYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581198	ALL
5254	2011	Toyota	FJ Cruiser	4	BTYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581228	ALL
5255	2011	Toyota	FJ Cruiser	4	BTYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591231	ALL
5256	2011	Toyota	FJ Cruiser	4	BTYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
5257	2011	Toyota	FJ Cruiser	4	BTYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
5258	2011	Toyota	FJ Cruiser	4	BTYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
5259	2011	Toyota	FJ Cruiser	4	BTYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
5260	2011	Toyota	FJ Cruiser	4	BTYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
5261	2011	Toyota	FJ Cruiser	4	BTYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
5262	2011	Toyota	FJ Cruiser	4	BTYXT04.0AEN	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
5263	2011	Toyota	Highlander	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	DIRECT FIT	5581206	ALL
5264	2011	Toyota	Highlander	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	UNIVERSAL	5581304	ALL
5265	2011	Toyota	Highlander	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	UNIVERSAL	5581305	ALL
5266	2011	Toyota	Highlander	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	UNIVERSAL	5581306	ALL
5267	2011	Toyota	Highlander	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FR	DIRECT FIT	5591207	ALL
5268	2011	Toyota	Highlander	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FR	UNIVERSAL	5591305	ALL
5269	2011	Toyota	Highlander	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FR	UNIVERSAL	5591306	ALL
5270	2011	Toyota	Highlander	3.5	BTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581858	ALL
5271	2011	Toyota	Highlander	3.5	BTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581581	ALL
5272	2011	Toyota	Highlander	3.5	BTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
5273	2011	Toyota	Highlander	3.5	BTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
5274	2011	Toyota	Highlander	3.5	BTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
5275	2011	Toyota	Highlander	3.5	BTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
5276	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
5277	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
5278	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
5279	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
5280	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
5281	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
5282	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591304	ALL
5283	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5284	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5285	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591304	ALL
5286	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5287	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5288	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581208	ALL
5289	2011	Toyota	Land Cruiser	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581209	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5290	2011	Toyota	RAV4	2.5	BTYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581327	ALL
5291	2011	Toyota	RAV4	2.5	BTYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591304	ALL
5292	2011	Toyota	RAV4	2.5	BTYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591305	ALL
5293	2011	Toyota	RAV4	2.5	BTYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591306	ALL
5294	2011	Toyota	RAV4	2.5	BTYXT02.5BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5591944	ALL
5295	2011	Toyota	RAV4	3.5	BTYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
5296	2011	Toyota	RAV4	3.5	BTYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581820	ALL
5297	2011	Toyota	RAV4	3.5	BTYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
5298	2011	Toyota	RAV4	3.5	BTYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
5299	2011	Toyota	RAV4	3.5	BTYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591749	ALL
5300	2011	Toyota	Sequoia	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5301	2011	Toyota	Sequoia	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5302	2011	Toyota	Sequoia	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5303	2011	Toyota	Sequoia	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5304	2011	Toyota	Sequoia	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5305	2011	Toyota	Sequoia	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5306	2011	Toyota	Sequoia	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5307	2011	Toyota	Sequoia	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5308	2011	Toyota	Sequoia	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581559	ALL
5309	2011	Toyota	Sequoia	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5310	2011	Toyota	Sequoia	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5311	2011	Toyota	Sequoia	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5312	2011	Toyota	Sequoia	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5313	2011	Toyota	Sequoia	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5314	2011	Toyota	Sequoia	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5315	2011	Toyota	Sequoia	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5316	2011	Toyota	Sequoia	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5317	2011	Toyota	Sequoia	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5318	2011	Toyota	Sequoia	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581559	ALL
5319	2011	Toyota	Sequoia	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5320	2011	Toyota	Sienna	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581304	ALL
5321	2011	Toyota	Sienna	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
5322	2011	Toyota	Sienna	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
5323	2011	Toyota	Sienna	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581551	ALL
5324	2011	Toyota	Sienna	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
5325	2011	Toyota	Sienna	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
5326	2011	Toyota	Sienna	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
5327	2011	Toyota	Sienna	2.7	BTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591552	ALL
5328	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
5329	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581858	ALL
5330	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581545	AWD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5331	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581548	FWD
5332	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581554	AWD
5333	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581556	FWD
5334	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	AWD
5335	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
5336	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	FWD
5337	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	AWD
5338	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	FWD
5339	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
5340	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591546	ALL
5341	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591555	AWD
5342	2011	Toyota	Sienna	3.5	BTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591557	FWD
5343	2011	Toyota	Tacoma	2.7	BTYXT02.7AEM	LEV2 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581236	ALL
5344	2011	Toyota	Tacoma	2.7	BTYXT02.7AEM	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
5345	2011	Toyota	Tacoma	2.7	BTYXT02.7AEM	LEV2 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
5346	2011	Toyota	Tacoma	2.7	BTYXT02.7AEM	LEV2 LEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581703	ALL
5347	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581341	ALL
5348	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581564	ALL
5349	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581342	ALL
5350	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581565	ALL
5351	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	2WD
5352	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	2WD
5353	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	4WD
5354	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	2WD
5355	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	4WD
5356	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591562	4WD
5357	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591563	4WD
5358	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591701	2WD
5359	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
5360	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
5361	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
5362	2011	Toyota	Tacoma	4	BTYXT04.0AEM	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591661	ALL
5363	2011	Toyota	Tundra	4	BTYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5364	2011	Toyota	Tundra	4	BTYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5365	2011	Toyota	Tundra	4	BTYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5366	2011	Toyota	Tundra	4	BTYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5367	2011	Toyota	Tundra	4	BTYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5368	2011	Toyota	Tundra	4	BTYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5369	2011	Toyota	Tundra	4	BTYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5370	2011	Toyota	Tundra	4	BTYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5371	2011	Toyota	Tundra	4	BTYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581625	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5372	2011	Toyota	Tundra	4	BTYXT04.0AET	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581626	ALL
5373	2011	Toyota	Tundra	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5374	2011	Toyota	Tundra	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5375	2011	Toyota	Tundra	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5376	2011	Toyota	Tundra	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5377	2011	Toyota	Tundra	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5378	2011	Toyota	Tundra	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5379	2011	Toyota	Tundra	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5380	2011	Toyota	Tundra	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5381	2011	Toyota	Tundra	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581935	ALL
5382	2011	Toyota	Tundra	4.6	BTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5383	2011	Toyota	Tundra	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5384	2011	Toyota	Tundra	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5385	2011	Toyota	Tundra	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5386	2011	Toyota	Tundra	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5387	2011	Toyota	Tundra	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5388	2011	Toyota	Tundra	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5389	2011	Toyota	Tundra	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5390	2011	Toyota	Tundra	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5391	2011	Toyota	Tundra	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581629	ALL
5392	2011	Toyota	Tundra	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581935	ALL
5393	2011	Toyota	Tundra	5.7	BTYXT05.7BEX	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5394	2012	Toyota	4Runner	4	CTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581198	ALL
5395	2012	Toyota	4Runner	4	CTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581228	ALL
5396	2012	Toyota	4Runner	4	CTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591231	ALL
5397	2012	Toyota	4Runner	4	CTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
5398	2012	Toyota	4Runner	4	CTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
5399	2012	Toyota	4Runner	4	CTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
5400	2012	Toyota	4Runner	4	CTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
5401	2012	Toyota	4Runner	4	CTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
5402	2012	Toyota	4Runner	4	CTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
5403	2012	Toyota	4Runner	4	CTYXT04.0AES	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
5404	2012	Toyota	FJ Cruiser	4	CTYXT04.0AEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581198	ALL
5405	2012	Toyota	FJ Cruiser	4	CTYXT04.0AEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581228	ALL
5406	2012	Toyota	FJ Cruiser	4	CTYXT04.0AEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591231	ALL
5407	2012	Toyota	FJ Cruiser	4	CTYXT04.0AEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
5408	2012	Toyota	FJ Cruiser	4	CTYXT04.0AEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
5409	2012	Toyota	FJ Cruiser	4	CTYXT04.0AEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
5410	2012	Toyota	FJ Cruiser	4	CTYXT04.0AEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591211	ALL
5411	2012	Toyota	FJ Cruiser	4	CTYXT04.0AEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
5412	2012	Toyota	FJ Cruiser	4	CTYXT04.0AEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5413	2012	Toyota	FJ Cruiser	4	CTYXT04.0AEN	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
5414	2012	Toyota	Highlander	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	DIRECT FIT	5581206	ALL
5415	2012	Toyota	Highlander	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	UNIVERSAL	5581304	ALL
5416	2012	Toyota	Highlander	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	UNIVERSAL	5581305	ALL
5417	2012	Toyota	Highlander	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FL	UNIVERSAL	5581306	ALL
5418	2012	Toyota	Highlander	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FR	DIRECT FIT	5591207	ALL
5419	2012	Toyota	Highlander	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FR	UNIVERSAL	5591305	ALL
5420	2012	Toyota	Highlander	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	FR	UNIVERSAL	5591306	ALL
5421	2012	Toyota	Highlander	3.5	CTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581858	ALL
5422	2012	Toyota	Highlander	3.5	CTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581581	ALL
5423	2012	Toyota	Highlander	3.5	CTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
5424	2012	Toyota	Highlander	3.5	CTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
5425	2012	Toyota	Highlander	3.5	CTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
5426	2012	Toyota	Highlander	3.5	CTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
5427	2012	Toyota	RAV4	2.5	CTYXT02.5BEH	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581327	ALL
5428	2012	Toyota	RAV4	2.5	CTYXT02.5BEH	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591304	ALL
5429	2012	Toyota	RAV4	2.5	CTYXT02.5BEH	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591305	ALL
5430	2012	Toyota	RAV4	2.5	CTYXT02.5BEH	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	UNIVERSAL	5591306	ALL
5431	2012	Toyota	RAV4	2.5	CTYXT02.5BEH	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5591944	ALL
5432	2012	Toyota	RAV4	3.5	CTYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
5433	2012	Toyota	RAV4	3.5	CTYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581820	ALL
5434	2012	Toyota	RAV4	3.5	CTYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
5435	2012	Toyota	RAV4	3.5	CTYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
5436	2012	Toyota	RAV4	3.5	CTYXT03.5BEM	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591749	ALL
5437	2012	Toyota	Sequoia	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5438	2012	Toyota	Sequoia	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5439	2012	Toyota	Sequoia	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5440	2012	Toyota	Sequoia	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5441	2012	Toyota	Sequoia	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5442	2012	Toyota	Sequoia	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5443	2012	Toyota	Sequoia	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5444	2012	Toyota	Sequoia	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5445	2012	Toyota	Sequoia	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581559	ALL
5446	2012	Toyota	Sequoia	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5447	2012	Toyota	Sequoia	5.7	CTYXT05.7BEY	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5448	2012	Toyota	Sequoia	5.7	CTYXT05.7BEY	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5449	2012	Toyota	Sequoia	5.7	CTYXT05.7BEY	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5450	2012	Toyota	Sequoia	5.7	CTYXT05.7BEY	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5451	2012	Toyota	Sequoia	5.7	CTYXT05.7BEY	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5452	2012	Toyota	Sequoia	5.7	CTYXT05.7BEY	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5453	2012	Toyota	Sequoia	5.7	CTYXT05.7BEY	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5454	2012	Toyota	Sequoia	5.7	CTYXT05.7BEY	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5455	2012	Toyota	Sequoia	5.7	CTYXT05.7BEY	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581559	ALL
5456	2012	Toyota	Sequoia	5.7	CTYXT05.7BEY	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5457	2012	Toyota	Sienna	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581304	ALL
5458	2012	Toyota	Sienna	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581305	ALL
5459	2012	Toyota	Sienna	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581306	ALL
5460	2012	Toyota	Sienna	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5581551	ALL
5461	2012	Toyota	Sienna	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
5462	2012	Toyota	Sienna	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
5463	2012	Toyota	Sienna	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
5464	2012	Toyota	Sienna	2.7	CTYXT02.7BEM	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5591552	ALL
5465	2012	Toyota	Sienna	3.5	CTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
5466	2012	Toyota	Sienna	3.5	CTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581545	AWD
5467	2012	Toyota	Sienna	3.5	CTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	5581548	FWD
5468	2012	Toyota	Sienna	3.5	CTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	FWD
5469	2012	Toyota	Sienna	3.5	CTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591305	AWD
5470	2012	Toyota	Sienna	3.5	CTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	AWD
5471	2012	Toyota	Sienna	3.5	CTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	5591306	FWD
5472	2012	Toyota	Sienna	3.5	CTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591546	AWD
5473	2012	Toyota	Sienna	3.5	CTYXT03.5BEN	LEV2 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	5591549	FWD
5474	2012	Toyota	Tacoma	2.7	CTYXT02.7AEN	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581236	ALL
5475	2012	Toyota	Tacoma	2.7	CTYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5581236	ALL
5476	2012	Toyota	Tacoma	2.7	CTYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
5477	2012	Toyota	Tacoma	2.7	CTYXT02.7AEN	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
5478	2012	Toyota	Tacoma	2.7	CTYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
5479	2012	Toyota	Tacoma	2.7	CTYXT02.7AEN	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
5480	2012	Toyota	Tacoma	2.7	CTYXT02.7AEM	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581703	ALL
5481	2012	Toyota	Tacoma	2.7	CTYXT02.7AEN	LEV2 LEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581703	ALL
5482	2012	Toyota	Tacoma	4	CTYXT04.0BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581564	ALL
5483	2012	Toyota	Tacoma	4	CTYXT04.0BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581565	ALL
5484	2012	Toyota	Tacoma	4	CTYXT04.0BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591304	ALL
5485	2012	Toyota	Tacoma	4	CTYXT04.0BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591305	ALL
5486	2012	Toyota	Tacoma	4	CTYXT04.0BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	5591306	ALL
5487	2012	Toyota	Tacoma	4	CTYXT04.0BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5591701	ALL
5488	2012	Toyota	Tacoma	4	CTYXT04.0BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591304	ALL
5489	2012	Toyota	Tacoma	4	CTYXT04.0BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591305	ALL
5490	2012	Toyota	Tacoma	4	CTYXT04.0BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	5591306	ALL
5491	2012	Toyota	Tacoma	4	CTYXT04.0BEM	LEV2 ULEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5591661	ALL
5492	2012	Toyota	Tundra	4	CTYXT04.0AET	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5493	2012	Toyota	Tundra	4	CTYXT04.0AET	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5494	2012	Toyota	Tundra	4	CTYXT04.0AET	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5495	2012	Toyota	Tundra	4	CTYXT04.0AET	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5496	2012	Toyota	Tundra	4	CTYXT04.0AET	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5497	2012	Toyota	Tundra	4	CTYXT04.0AET	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5498	2012	Toyota	Tundra	4	CTYXT04.0AET	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5499	2012	Toyota	Tundra	4	CTYXT04.0AET	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5500	2012	Toyota	Tundra	4	CTYXT04.0AET	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581625	ALL
5501	2012	Toyota	Tundra	4	CTYXT04.0AET	LEV2 LEV	LDT2	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581626	ALL
5502	2012	Toyota	Tundra	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5503	2012	Toyota	Tundra	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5504	2012	Toyota	Tundra	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5505	2012	Toyota	Tundra	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5506	2012	Toyota	Tundra	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5507	2012	Toyota	Tundra	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5508	2012	Toyota	Tundra	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5509	2012	Toyota	Tundra	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5510	2012	Toyota	Tundra	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581935	ALL
5511	2012	Toyota	Tundra	4.6	CTYXT04.6BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5512	2012	Toyota	Tundra	5.7	CTYXT05.7BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581305	ALL
5513	2012	Toyota	Tundra	5.7	CTYXT05.7BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581306	ALL
5514	2012	Toyota	Tundra	5.7	CTYXT05.7BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581305	ALL
5515	2012	Toyota	Tundra	5.7	CTYXT05.7BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581306	ALL
5516	2012	Toyota	Tundra	5.7	CTYXT05.7BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5517	2012	Toyota	Tundra	5.7	CTYXT05.7BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5518	2012	Toyota	Tundra	5.7	CTYXT05.7BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5519	2012	Toyota	Tundra	5.7	CTYXT05.7BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5520	2012	Toyota	Tundra	5.7	CTYXT05.7BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581629	ALL
5521	2012	Toyota	Tundra	5.7	CTYXT05.7BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5581935	ALL
5522	2012	Toyota	Tundra	5.7	CTYXT05.7BEW	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5581630	ALL
5523	2013	Toyota	4Runner	4	DTYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	DIRECT FIT	5581430	ALL
5524	2013	Toyota	4Runner	4	DTYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	DIRECT FIT	5581431	ALL
5525	2013	Toyota	4Runner	4	DTYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UL	DIRECT FIT	5591231	ALL
5526	2013	Toyota	4Runner	4	DTYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UL	UNIVERSAL	5591304	ALL
5527	2013	Toyota	4Runner	4	DTYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UL	UNIVERSAL	5591305	ALL
5528	2013	Toyota	4Runner	4	DTYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UL	UNIVERSAL	5591306	ALL
5529	2013	Toyota	4Runner	4	DTYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UR	DIRECT FIT	5591211	ALL
5530	2013	Toyota	4Runner	4	DTYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UR	UNIVERSAL	5591304	ALL
5531	2013	Toyota	4Runner	4	DTYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UR	UNIVERSAL	5591305	ALL
5532	2013	Toyota	4Runner	4	DTYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UR	UNIVERSAL	5591306	ALL
5533	2013	Toyota	FJ Cruiser	4	DTYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581430	ALL
5534	2013	Toyota	FJ Cruiser	4	DTYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581431	ALL
5535	2013	Toyota	FJ Cruiser	4	DTYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5591231	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5536	2013	Toyota	FJ Cruiser	4	DTYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	UNIVERSAL	5591304	ALL
5537	2013	Toyota	FJ Cruiser	4	DTYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	UNIVERSAL	5591305	ALL
5538	2013	Toyota	FJ Cruiser	4	DTYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	UNIVERSAL	5591306	ALL
5539	2013	Toyota	FJ Cruiser	4	DTYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5591211	ALL
5540	2013	Toyota	FJ Cruiser	4	DTYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	UNIVERSAL	5591304	ALL
5541	2013	Toyota	FJ Cruiser	4	DTYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	UNIVERSAL	5591305	ALL
5542	2013	Toyota	FJ Cruiser	4	DTYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	UNIVERSAL	5591306	ALL
5543	2013	Toyota	Highlander	2.7	DTYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FL	DIRECT FIT	5581206	ALL
5544	2013	Toyota	Highlander	2.7	DTYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FL	UNIVERSAL	5581304	ALL
5545	2013	Toyota	Highlander	2.7	DTYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FL	UNIVERSAL	5581305	ALL
5546	2013	Toyota	Highlander	2.7	DTYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FL	UNIVERSAL	5581306	ALL
5547	2013	Toyota	Highlander	2.7	DTYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FR	DIRECT FIT	5591207	ALL
5548	2013	Toyota	Highlander	2.7	DTYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FR	UNIVERSAL	5591305	ALL
5549	2013	Toyota	Highlander	2.7	DTYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FR	UNIVERSAL	5591306	ALL
5550	2013	Toyota	Highlander	3.5	DTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581858	ALL
5551	2013	Toyota	Highlander	3.5	DTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581581	ALL
5552	2013	Toyota	Highlander	3.5	DTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591304	ALL
5553	2013	Toyota	Highlander	3.5	DTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
5554	2013	Toyota	Highlander	3.5	DTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
5555	2013	Toyota	Highlander	3.5	DTYXT03.5BEP	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5591907	ALL
5556	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581374	ALL
5557	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581375	ALL
5558	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581376	ALL
5559	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581374	ALL
5560	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581375	ALL
5561	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581376	ALL
5562	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
5563	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
5564	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
5565	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
5566	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
5567	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
5568	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581632	ALL
5569	2013	Toyota	Land Cruiser	5.7	DTYXT05.7BEX	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581633	ALL
5570	2013	Toyota	RAV4	2.5	DTYXT02.5BEH	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581542	ALL
5571	2013	Toyota	RAV4	2.5	DTYXT02.5BEH	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
5572	2013	Toyota	RAV4	2.5	DTYXT02.5BEH	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
5573	2013	Toyota	RAV4	2.5	DTYXT02.5BEH	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
5574	2013	Toyota	RAV4	2.5	DTYXT02.5BEH	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591541	ALL
5575	2013	Toyota	RAV4	2.5	DTYXT02.5BEH	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591543	ALL
5576	2013	Toyota	Sequoia	5.7	DTYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5577	2013	Toyota	Sequoia	5.7	DTYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
5578	2013	Toyota	Sequoia	5.7	DTYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
5579	2013	Toyota	Sequoia	5.7	DTYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
5580	2013	Toyota	Sequoia	5.7	DTYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
5581	2013	Toyota	Sequoia	5.7	DTYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
5582	2013	Toyota	Sequoia	5.7	DTYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
5583	2013	Toyota	Sequoia	5.7	DTYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
5584	2013	Toyota	Sequoia	5.7	DTYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581559	ALL
5585	2013	Toyota	Sequoia	5.7	DTYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581630	ALL
5586	2013	Toyota	Sienna	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
5587	2013	Toyota	Sienna	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581545	AWD
5588	2013	Toyota	Sienna	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581548	FWD
5589	2013	Toyota	Sienna	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591305	FWD
5590	2013	Toyota	Sienna	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591305	AWD
5591	2013	Toyota	Sienna	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591306	FWD
5592	2013	Toyota	Sienna	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591306	AWD
5593	2013	Toyota	Sienna	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5591546	AWD
5594	2013	Toyota	Sienna	3.5	DTYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5591549	FWD
5595	2013	Toyota	Tacoma	2.7	DTYXT02.7BER	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581236	ALL
5596	2013	Toyota	Tacoma	2.7	DTYXT02.7BER	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
5597	2013	Toyota	Tacoma	2.7	DTYXT02.7BER	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
5598	2013	Toyota	Tacoma	2.7	DTYXT02.7BER	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581703	ALL
5599	2013	Toyota	Tacoma	4	DTYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581564	ALL
5600	2013	Toyota	Tacoma	4	DTYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581565	ALL
5601	2013	Toyota	Tacoma	4	DTYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	UNIVERSAL	5591304	ALL
5602	2013	Toyota	Tacoma	4	DTYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	UNIVERSAL	5591305	ALL
5603	2013	Toyota	Tacoma	4	DTYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	UNIVERSAL	5591306	ALL
5604	2013	Toyota	Tacoma	4	DTYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5591701	ALL
5605	2013	Toyota	Tacoma	4	DTYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	UNIVERSAL	5591304	ALL
5606	2013	Toyota	Tacoma	4	DTYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	UNIVERSAL	5591305	ALL
5607	2013	Toyota	Tacoma	4	DTYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	UNIVERSAL	5591306	ALL
5608	2013	Toyota	Tacoma	4	DTYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5591661	ALL
5609	2013	Toyota	Tundra	4	DTYXT04.0AET	LEV2 LEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
5610	2013	Toyota	Tundra	4	DTYXT04.0AET	LEV2 LEV	LDT3	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
5611	2013	Toyota	Tundra	4	DTYXT04.0AET	LEV2 LEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
5612	2013	Toyota	Tundra	4	DTYXT04.0AET	LEV2 LEV	LDT3	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
5613	2013	Toyota	Tundra	4	DTYXT04.0AET	LEV2 LEV	LDT3	D	2TWC(2)	4	2	UR	DIRECT FIT	5581626	ALL
5614	2013	Toyota	Tundra	4.6	DTYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
5615	2013	Toyota	Tundra	4.6	DTYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
5616	2013	Toyota	Tundra	4.6	DTYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
5617	2013	Toyota	Tundra	4.6	DTYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5618	2013	Toyota	Tundra	4.6	DTYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
5619	2013	Toyota	Tundra	4.6	DTYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
5620	2013	Toyota	Tundra	4.6	DTYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
5621	2013	Toyota	Tundra	4.6	DTYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
5622	2013	Toyota	Tundra	4.6	DTYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581935	ALL
5623	2013	Toyota	Tundra	4.6	DTYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581630	ALL
5624	2013	Toyota	Tundra	5.7	DTYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
5625	2013	Toyota	Tundra	5.7	DTYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
5626	2013	Toyota	Tundra	5.7	DTYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
5627	2013	Toyota	Tundra	5.7	DTYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
5628	2013	Toyota	Tundra	5.7	DTYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
5629	2013	Toyota	Tundra	5.7	DTYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
5630	2013	Toyota	Tundra	5.7	DTYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
5631	2013	Toyota	Tundra	5.7	DTYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
5632	2013	Toyota	Tundra	5.7	DTYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581629	ALL
5633	2013	Toyota	Tundra	5.7	DTYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581935	ALL
5634	2013	Toyota	Tundra	5.7	DTYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581630	ALL
5635	2014	Toyota	4Runner	4	ETYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FL	DIRECT FIT	5581430	ALL
5636	2014	Toyota	4Runner	4	ETYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	FR	DIRECT FIT	5581431	ALL
5637	2014	Toyota	4Runner	4	ETYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UL	DIRECT FIT	5591231	ALL
5638	2014	Toyota	4Runner	4	ETYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UL	UNIVERSAL	5591304	ALL
5639	2014	Toyota	4Runner	4	ETYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UL	UNIVERSAL	5591305	ALL
5640	2014	Toyota	4Runner	4	ETYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UL	UNIVERSAL	5591306	ALL
5641	2014	Toyota	4Runner	4	ETYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UR	DIRECT FIT	5591211	ALL
5642	2014	Toyota	4Runner	4	ETYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UR	UNIVERSAL	5591304	ALL
5643	2014	Toyota	4Runner	4	ETYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UR	UNIVERSAL	5591305	ALL
5644	2014	Toyota	4Runner	4	ETYXT04.0BES	LEV2 ULEV	LDT3	D	2TWC(2)	4	2	UR	UNIVERSAL	5591306	ALL
5645	2014	Toyota	FJ Cruiser	4	ETYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581430	ALL
5646	2014	Toyota	FJ Cruiser	4	ETYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581431	ALL
5647	2014	Toyota	FJ Cruiser	4	ETYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5591231	ALL
5648	2014	Toyota	FJ Cruiser	4	ETYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	UNIVERSAL	5591304	ALL
5649	2014	Toyota	FJ Cruiser	4	ETYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	UNIVERSAL	5591305	ALL
5650	2014	Toyota	FJ Cruiser	4	ETYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	UNIVERSAL	5591306	ALL
5651	2014	Toyota	FJ Cruiser	4	ETYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5591211	ALL
5652	2014	Toyota	FJ Cruiser	4	ETYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	UNIVERSAL	5591304	ALL
5653	2014	Toyota	FJ Cruiser	4	ETYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	UNIVERSAL	5591305	ALL
5654	2014	Toyota	FJ Cruiser	4	ETYXT04.0BEN	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	UNIVERSAL	5591306	ALL
5655	2014	Toyota	Highlander	2.7	ETYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FL	UNIVERSAL	5581304	ALL
5656	2014	Toyota	Highlander	2.7	ETYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FL	UNIVERSAL	5581305	ALL
5657	2014	Toyota	Highlander	2.7	ETYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FL	UNIVERSAL	5581306	ALL
5658	2014	Toyota	Highlander	2.7	ETYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FL	DIRECT FIT	5581532	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5659	2014	Toyota	Highlander	2.7	ETYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FR	UNIVERSAL	5591304	ALL
5660	2014	Toyota	Highlander	2.7	ETYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FR	UNIVERSAL	5591305	ALL
5661	2014	Toyota	Highlander	2.7	ETYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FR	UNIVERSAL	5591306	ALL
5662	2014	Toyota	Highlander	2.7	ETYXT02.7BEN	LEV2 ULEV	LDT2	S	TWC(2)	2	1	FR	DIRECT FIT	5591533	ALL
5663	2014	Toyota	Highlander	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
5664	2014	Toyota	Highlander	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581545	ALL
5665	2014	Toyota	Highlander	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591305	ALL
5666	2014	Toyota	Highlander	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591306	ALL
5667	2014	Toyota	Highlander	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5591534	ALL
5668	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581374	ALL
5669	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581375	ALL
5670	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581376	ALL
5671	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581374	ALL
5672	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581375	ALL
5673	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581376	ALL
5674	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591304	ALL
5675	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
5676	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
5677	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591304	ALL
5678	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
5679	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
5680	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581632	ALL
5681	2014	Toyota	Land Cruiser	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581633	ALL
5682	2014	Toyota	RAV4	2.5	ETYXJ02.5BEL	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581542	ALL
5683	2014	Toyota	RAV4	2.5	ETYXJ02.5BEL	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591304	ALL
5684	2014	Toyota	RAV4	2.5	ETYXJ02.5BEL	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591305	ALL
5685	2014	Toyota	RAV4	2.5	ETYXJ02.5BEL	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	UNIVERSAL	5591306	ALL
5686	2014	Toyota	RAV4	2.5	ETYXJ02.5BEL	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591541	ALL
5687	2014	Toyota	RAV4	2.5	ETYXJ02.5BEL	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5591543	ALL
5688	2014	Toyota	Sequoia	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
5689	2014	Toyota	Sequoia	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
5690	2014	Toyota	Sequoia	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
5691	2014	Toyota	Sequoia	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
5692	2014	Toyota	Sequoia	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
5693	2014	Toyota	Sequoia	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
5694	2014	Toyota	Sequoia	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
5695	2014	Toyota	Sequoia	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
5696	2014	Toyota	Sequoia	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581559	ALL
5697	2014	Toyota	Sequoia	5.7	ETYXT05.7BEY	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581630	ALL
5698	2014	Toyota	Sienna	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5581250	ALL
5699	2014	Toyota	Sienna	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581545	AWD

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5700	2014	Toyota	Sienna	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5581548	FWD
5701	2014	Toyota	Sienna	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591305	AWD
5702	2014	Toyota	Sienna	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591305	FWD
5703	2014	Toyota	Sienna	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591306	FWD
5704	2014	Toyota	Sienna	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	UNIVERSAL	5591306	AWD
5705	2014	Toyota	Sienna	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5591546	AWD
5706	2014	Toyota	Sienna	3.5	ETYXT03.5BER	LEV2 ULEV	LDT2	DS	2TWC,TWC	3	2	U	DIRECT FIT	5591549	FWD
5707	2014	Toyota	Tacoma	2.7	ETYXT02.7BER	LEV2 ULEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	5581236	ALL
5708	2014	Toyota	Tacoma	2.7	ETYXT02.7BER	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591305	ALL
5709	2014	Toyota	Tacoma	2.7	ETYXT02.7BER	LEV2 ULEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	5591306	ALL
5710	2014	Toyota	Tacoma	2.7	ETYXT02.7BER	LEV2 ULEV	LDT2	S	TWC(2)	2	1	U	DIRECT FIT	5581703	ALL
5711	2014	Toyota	Tacoma	4	ETYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	5581564	ALL
5712	2014	Toyota	Tacoma	4	ETYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	5581565	ALL
5713	2014	Toyota	Tacoma	4	ETYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	UNIVERSAL	5591304	ALL
5714	2014	Toyota	Tacoma	4	ETYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	UNIVERSAL	5591305	ALL
5715	2014	Toyota	Tacoma	4	ETYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	UNIVERSAL	5591306	ALL
5716	2014	Toyota	Tacoma	4	ETYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UL	DIRECT FIT	5591701	ALL
5717	2014	Toyota	Tacoma	4	ETYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	UNIVERSAL	5591304	ALL
5718	2014	Toyota	Tacoma	4	ETYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	UNIVERSAL	5591305	ALL
5719	2014	Toyota	Tacoma	4	ETYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	UNIVERSAL	5591306	ALL
5720	2014	Toyota	Tacoma	4	ETYXT04.0BEM	LEV2 ULEV	LDT2	D	2TWC(2)	4	2	UR	DIRECT FIT	5591661	ALL
5721	2014	Toyota	Tundra	4.6	ETYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
5722	2014	Toyota	Tundra	4.6	ETYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
5723	2014	Toyota	Tundra	4.6	ETYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
5724	2014	Toyota	Tundra	4.6	ETYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
5725	2014	Toyota	Tundra	4.6	ETYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
5726	2014	Toyota	Tundra	4.6	ETYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
5727	2014	Toyota	Tundra	4.6	ETYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
5728	2014	Toyota	Tundra	4.6	ETYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
5729	2014	Toyota	Tundra	4.6	ETYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581935	ALL
5730	2014	Toyota	Tundra	4.6	ETYXT04.6BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581630	ALL
5731	2014	Toyota	Tundra	5.7	ETYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581305	ALL
5732	2014	Toyota	Tundra	5.7	ETYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	UNIVERSAL	5581306	ALL
5733	2014	Toyota	Tundra	5.7	ETYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581305	ALL
5734	2014	Toyota	Tundra	5.7	ETYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	UNIVERSAL	5581306	ALL
5735	2014	Toyota	Tundra	5.7	ETYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
5736	2014	Toyota	Tundra	5.7	ETYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
5737	2014	Toyota	Tundra	5.7	ETYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
5738	2014	Toyota	Tundra	5.7	ETYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
5739	2014	Toyota	Tundra	5.7	ETYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UL	DIRECT FIT	5581935	ALL
5740	2014	Toyota	Tundra	5.7	ETYXT05.7BEW	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	UR	DIRECT FIT	5581630	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5741	2004	Volkswagen	Touareg	3.2	4VWXT03.2225	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	5581499	ALL
5742	2004	Volkswagen	Touareg	3.2	4VWXT03.2225	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
5743	2004	Volkswagen	Touareg	3.2	4VWXT03.2225	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
5744	2004	Volkswagen	Touareg	3.2	4VWXT03.2225	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
5745	2004	Volkswagen	Touareg	3.2	4VWXT03.2225	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
5746	2004	Volkswagen	Touareg	3.2	4VWXT03.2225	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
5747	2004	Volkswagen	Touareg	3.2	4VWXT03.2225	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
5748	2004	Volkswagen	Touareg	3.2	4VWXT03.2225	LEV2 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591979	ALL
5749	2005	Volkswagen	Touareg	3.2	5VWXT03.2225	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	5581499	ALL
5750	2005	Volkswagen	Touareg	3.2	5VWXT03.2225	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
5751	2005	Volkswagen	Touareg	3.2	5VWXT03.2225	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
5752	2005	Volkswagen	Touareg	3.2	5VWXT03.2225	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
5753	2005	Volkswagen	Touareg	3.2	5VWXT03.2225	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
5754	2005	Volkswagen	Touareg	3.2	5VWXT03.2225	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
5755	2005	Volkswagen	Touareg	3.2	5VWXT03.2225	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
5756	2005	Volkswagen	Touareg	3.2	5VWXT03.2225	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591979	ALL
5757	2006	Volkswagen	Touareg	3.2	6VWXT03.2275	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	5581499	ALL
5758	2006	Volkswagen	Touareg	3.2	6VWXT03.2275	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	UNIVERSAL	5581375	ALL
5759	2006	Volkswagen	Touareg	3.2	6VWXT03.2275	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	FL	UNIVERSAL	5581376	ALL
5760	2006	Volkswagen	Touareg	3.2	6VWXT03.2275	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	UNIVERSAL	5581375	ALL
5761	2006	Volkswagen	Touareg	3.2	6VWXT03.2275	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	FR	UNIVERSAL	5581376	ALL
5762	2006	Volkswagen	Touareg	3.2	6VWXT03.2275	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591305	ALL
5763	2006	Volkswagen	Touareg	3.2	6VWXT03.2275	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5591306	ALL
5764	2006	Volkswagen	Touareg	3.2	6VWXT03.2275	LEV2 LEV	LDT3	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	5591979	ALL
5765	2007	Volkswagen	Touareg	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
5766	2007	Volkswagen	Touareg	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
5767	2007	Volkswagen	Touareg	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
5768	2007	Volkswagen	Touareg	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581943	ALL
5769	2007	Volkswagen	Touareg	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
5770	2007	Volkswagen	Touareg	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
5771	2007	Volkswagen	Touareg	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
5772	2007	Volkswagen	Touareg	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581947	ALL
5773	2007	Volkswagen	Touareg	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	5591957	ALL
5774	2007	Volkswagen	Touareg	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5775	2007	Volkswagen	Touareg	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5776	2007	Volkswagen	Touareg	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5777	2007	Volkswagen	Touareg	3.6	7VWXT03.6276	LEV2 LEV	LDT3	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5778	2007	Volkswagen	Touareg	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581211	ALL
5779	2007	Volkswagen	Touareg	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581213	ALL
5780	2007	Volkswagen	Touareg	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591214	ALL
5781	2007	Volkswagen	Touareg	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5782	2007	Volkswagen	Touareg	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
5783	2007	Volkswagen	Touareg	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591217	ALL
5784	2007	Volkswagen	Touareg	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
5785	2007	Volkswagen	Touareg	4.2	7ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
5786	2008	Volkswagen	Touareg	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
5787	2008	Volkswagen	Touareg	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
5788	2008	Volkswagen	Touareg	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
5789	2008	Volkswagen	Touareg	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581586	ALL
5790	2008	Volkswagen	Touareg	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
5791	2008	Volkswagen	Touareg	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
5792	2008	Volkswagen	Touareg	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
5793	2008	Volkswagen	Touareg	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581585	ALL
5794	2008	Volkswagen	Touareg	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	5591957	ALL
5795	2008	Volkswagen	Touareg	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5796	2008	Volkswagen	Touareg	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5797	2008	Volkswagen	Touareg	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5798	2008	Volkswagen	Touareg	3.6	8VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5799	2008	Volkswagen	Touareg	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581211	ALL
5800	2008	Volkswagen	Touareg	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581213	ALL
5801	2008	Volkswagen	Touareg	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591214	ALL
5802	2008	Volkswagen	Touareg	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
5803	2008	Volkswagen	Touareg	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
5804	2008	Volkswagen	Touareg	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591217	ALL
5805	2008	Volkswagen	Touareg	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
5806	2008	Volkswagen	Touareg	4.2	8ADXT04.2358	LEV2 LEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
5807	2009	Volkswagen	Touareg	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
5808	2009	Volkswagen	Touareg	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
5809	2009	Volkswagen	Touareg	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
5810	2009	Volkswagen	Touareg	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581586	ALL
5811	2009	Volkswagen	Touareg	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
5812	2009	Volkswagen	Touareg	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
5813	2009	Volkswagen	Touareg	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
5814	2009	Volkswagen	Touareg	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581585	ALL
5815	2009	Volkswagen	Touareg	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	5591957	ALL
5816	2009	Volkswagen	Touareg	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5817	2009	Volkswagen	Touareg	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5818	2009	Volkswagen	Touareg	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5819	2009	Volkswagen	Touareg	3.6	9VWXT03.6276	LEV2 LEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5820	2009	Volkswagen	Touareg	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FL	DIRECT FIT	5581211	ALL
5821	2009	Volkswagen	Touareg	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	FR	DIRECT FIT	5581213	ALL
5822	2009	Volkswagen	Touareg	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	DIRECT FIT	5591214	ALL

Appendix D-193-138

Car Sound Exhaust Systems, Inc. 5581000 / 5591000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
5823	2009	Volkswagen	Touareg	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591305	ALL
5824	2009	Volkswagen	Touareg	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RL	UNIVERSAL	5591306	ALL
5825	2009	Volkswagen	Touareg	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	DIRECT FIT	5591217	ALL
5826	2009	Volkswagen	Touareg	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591305	ALL
5827	2009	Volkswagen	Touareg	4.2	9ADXT04.23UD	LEV2 ULEV	LDT4	D	2TWC(2)	4	2	RR	UNIVERSAL	5591306	ALL
5828	2010	Volkswagen	Touareg	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581374	ALL
5829	2010	Volkswagen	Touareg	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581375	ALL
5830	2010	Volkswagen	Touareg	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5581376	ALL
5831	2010	Volkswagen	Touareg	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5581586	ALL
5832	2010	Volkswagen	Touareg	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581374	ALL
5833	2010	Volkswagen	Touareg	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581375	ALL
5834	2010	Volkswagen	Touareg	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5581376	ALL
5835	2010	Volkswagen	Touareg	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5581585	ALL
5836	2010	Volkswagen	Touareg	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	5591957	ALL
5837	2010	Volkswagen	Touareg	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591305	ALL
5838	2010	Volkswagen	Touareg	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5591306	ALL
5839	2010	Volkswagen	Touareg	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591305	ALL
5840	2010	Volkswagen	Touareg	3.6	AVWXT03.6U76	LEV2 ULEV	LDT4	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5591306	ALL
5841	2014	Volkswagen	Tiguan	2	EVWXJ02.03UA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591304	ALL
5842	2014	Volkswagen	Tiguan	2	EVWXJ02.03UA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591305	ALL
5843	2014	Volkswagen	Tiguan	2	EVWXJ02.03UA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5591306	ALL
5844	2014	Volkswagen	Tiguan	2	EVWXJ02.03UA	LEV2 ULEV	LDT2	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5581408	ALL