



EXECUTIVE ORDER D-193-136
Relating to Exemptions under Sections 27156 and 38391
of the Vehicle Code

Car Sound Exhaust Systems, Inc. (d.b.a. Magnaflow)
"Series 4451000 Three-Way Catalytic Converter"

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

WHEREAS, Car Sound Exhaust Systems, Inc. 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 4451000 three-way catalytic converter (TWC) on select 1995 through 2006 model-year light-duty trucks [3,751-5,750 lbs. LVW] (LDT2) and medium-duty vehicles equipped with on-board diagnostic II (OBD II) systems as specified in Appendix D-193-136 and incorporated herein. Series 4451000 TWC will be used on a single or dual exhaust configuration applications. Series 4451000 TWC will be sold as a universal or a direct fit part.

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 converter complies with the VC Sections 27156 and 38395 and Title 13, CCR Section 2222(h). Emission performance of the catalytic converter was based on durability bench aging by Southwest Research Institute 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, emissions and OBD II compatibility tests conducted by Car Sound Exhaust Systems, Inc. using a 1999 model-year 5.9 liter Dodge Durango (LEV I LEV MDV2, XCRXA0360H32), a 1999 4.0 liter Ford Explorer (LEV I LEV LDT2, XFMXT04.02GF), and a 2003 model-year 4.2 liter Chevrolet Trailblazer (LEV I LEV LDT2, 3GMXT04.2185) with series 4451000 TWC showed that the vehicles met the applicable emission standards and that series 4451000 TWC did not falsely cause the malfunction indicator light to illuminate. Federal test procedure emission standards and test results in grams per mile are shown below:

	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>
MDV2 120K LEV standards	0.230	6.4	0.6
1999 Durango test 1	0.198	6.2	0.28
1999 Durango test 2	0.201	5.9	0.26

	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>
LDT2 100K LEV standards	0.130	5.5	0.5
1999 Explorer test 1	0.124	1.1	0.08
1999 Explorer test 2	0.120	1.1	0.07
	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>
LDT2 100K LEV standards	0.130	5.5	0.5
2003 Trailblazer test 1	0.111	1.6	0.29
2003 Trailblazer test 2	0.118	2.0	0.30

WHEREAS, Car Sound Exhaust Systems, Inc. conducted proper malfunction indicator light illumination demonstration with series 4451000 TWC on the same 1999 Durango, 1999 Explorer, and the 2003 Trailblazer and demonstrated compliance with the requirements in Section (e)(5)(B) of the Converter Evaluation Procedures.

THEREFORE, IT IS HEREBY RESOLVED that Car Sound Exhaust Systems, Inc.'s series 4451000 TWC is exempted from the prohibitions in VC Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-193-136 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 Exhaust Systems, Inc., 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 Exhaust Systems, Inc.'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 Exhaust Systems, Inc. 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 Exhaust Systems, Inc., its associates, vendors, other businesses and individuals associated with Car Sound Exhaust Systems, Inc. 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 Exhaust Systems, Inc. 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 Exhaust Systems, Inc. must provide a permanent label or stamp as specified under Section (f)(1) of the Converter Evaluation Procedures.
13. Car Sound Exhaust Systems, Inc.'s vehicle application catalog must conform to the requirements specified under Section (f)(4) of the Converter Evaluation Procedures.

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 20th day of April 2018.



Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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	1996	Acura	SLX	3.2	TSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2	1996	Acura	SLX	3.2	TSZ3.22JGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
3	1996	Acura	SLX	3.2	TSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4	1996	Acura	SLX	3.2	TSZ3.22JGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5	1997	Acura	SLX	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
6	1997	Acura	SLX	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
7	1997	Acura	SLX	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
8	1997	Acura	SLX	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
9	1997	Acura	SLX	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
10	1997	Acura	SLX	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
11	1997	Acura	SLX	3.2	VSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
12	1997	Acura	SLX	3.2	VSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
13	1998	Acura	SLX	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
14	1998	Acura	SLX	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
15	1998	Acura	SLX	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
16	1998	Acura	SLX	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
17	1998	Acura	SLX	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
18	1998	Acura	SLX	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
19	1999	Acura	SLX	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
20	1999	Acura	SLX	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
21	1999	Acura	SLX	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
22	1999	Acura	SLX	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
23	1999	Acura	SLX	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
24	1999	Acura	SLX	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
25	2000	BMW	X5	4.4	YBMXT04.4E53	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
26	2000	BMW	X5	4.4	YBMXT04.453M	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
27	2000	BMW	X5	4.4	YBMXT04.4E53	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
28	2000	BMW	X5	4.4	YBMXT04.453M	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
29	2000	BMW	X5	4.4	YBMXT04.4E53	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
30	2000	BMW	X5	4.4	YBMXT04.453M	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
31	2000	BMW	X5	4.4	YBMXT04.453M	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
32	2000	BMW	X5	4.4	YBMXT04.4E53	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
33	2001	BMW	X5	4.4	1BMXT04.4E53	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
34	2001	BMW	X5	4.4	1BMXT04.4E53	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	2WD
35	2001	BMW	X5	4.4	1BMXT04.4E53	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
36	2001	BMW	X5	4.4	1BMXT04.4E53	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
37	2002	BMW	X5	4.4	2BMXT04.6XHP	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
38	2002	BMW	X5	4.4	2BMXT04.4E53	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
39	2002	BMW	X5	4.4	2BMXT04.4E53	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
40	2002	BMW	X5	4.4	2BMXT04.6XHP	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
41	2002	BMW	X5	4.4	2BMXT04.6XHP	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
42	2002	BMW	X5	4.4	2BMXT04.4E53	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
43	2002	BMW	X5	4.4	2BMXT04.4E53	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
44	2002	BMW	X5	4.4	2BMXT04.6XHP	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
45	2002	BMW	X5	4.6	2BMXT04.6XHP	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
46	2002	BMW	X5	4.6	2BMXT04.6XHP	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
47	2002	BMW	X5	4.6	2BMXT04.6XHP	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
48	2002	BMW	X5	4.6	2BMXT04.6XHP	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
49	2003	BMW	X5	4.4	3BMXT04.4E53	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
50	2003	BMW	X5	4.4	3BMXT04.4E53	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
51	2003	BMW	X5	4.4	3BMXT04.4E53	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
52	2003	BMW	X5	4.4	3BMXT04.4E53	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
53	2003	BMW	X5	4.6	3BMXT04.6XHP	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
54	2003	BMW	X5	4.6	3BMXT04.6XHP	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
55	2003	BMW	X5	4.6	3BMXT04.6XHP	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
56	2003	BMW	X5	4.6	3BMXT04.6XHP	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
57	2004	BMW	X3	2.5	4BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
58	2004	BMW	X3	2.5	4BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
59	2004	BMW	X3	2.5	4BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
60	2004	BMW	X3	2.5	4BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
61	2004	BMW	X3	3	4BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
62	2004	BMW	X3	3	4BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
63	2004	BMW	X3	3	4BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
64	2004	BMW	X3	3	4BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
65	2004	BMW	X5	4.4	4BMXT04.4N62	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
66	2004	BMW	X5	4.4	4BMXT04.4N62	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
67	2004	BMW	X5	4.4	4BMXT04.4N62	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
68	2004	BMW	X5	4.4	4BMXT04.4N62	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
69	2004	BMW	X5	4.8	4BMXT04.4N62	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
70	2004	BMW	X5	4.8	4BMXT04.4N62	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
71	2004	BMW	X5	4.8	4BMXT04.4N62	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
72	2004	BMW	X5	4.8	4BMXT04.4N62	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
73	2005	BMW	X3	2.5	5BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451334	2WD
74	2005	BMW	X3	2.5	5BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
75	2005	BMW	X3	2.5	5BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
76	2005	BMW	X3	2.5	5BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
77	2005	BMW	X3	3	5BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
78	2005	BMW	X3	3	5BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
79	2005	BMW	X3	3	5BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
80	2005	BMW	X3	3	5BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
81	2005	BMW	X5	4.4	5BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
82	2005	BMW	X5	4.4	5BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
83	2005	BMW	X5	4.4	5BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
84	2005	BMW	X5	4.4	5BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
85	2005	BMW	X5	4.8	5BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
86	2005	BMW	X5	4.8	5BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
87	2005	BMW	X5	4.8	5BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
88	2005	BMW	X5	4.8	5BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
89	2006	BMW	X3	3	6BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
90	2006	BMW	X3	3	6BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
91	2006	BMW	X3	3	6BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
92	2006	BMW	X3	3	6BMXT03.0E83	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
93	2006	BMW	X5	4.4	6BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
94	2006	BMW	X5	4.4	6BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
95	2006	BMW	X5	4.4	6BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
96	2006	BMW	X5	4.4	6BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
97	2006	BMW	X5	4.8	6BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
98	2006	BMW	X5	4.8	6BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
99	2006	BMW	X5	4.8	6BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
100	2006	BMW	X5	4.8	6BMXT04.8N62	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
101	2003	Buick	Rendezvous	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451208	ALL
102	2003	Buick	Rendezvous	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
103	2003	Buick	Rendezvous	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
104	2004	Buick	Rainier	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451172	ALL
105	2004	Buick	Rainier	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
106	2004	Buick	Rainier	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
107	2004	Buick	Rainier	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
108	2004	Buick	Rainier	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
109	1999	Cadillac	Escalade	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
110	1999	Cadillac	Escalade	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
111	1999	Cadillac	Escalade	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
112	1999	Cadillac	Escalade	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
113	1999	Cadillac	Escalade	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
114	1999	Cadillac	Escalade	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
115	1999	Cadillac	Escalade	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
116	1999	Cadillac	Escalade	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
117	1999	Cadillac	Escalade	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
118	1999	Cadillac	Escalade	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
119	1999	Cadillac	Escalade	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
120	1999	Cadillac	Escalade	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
121	1999	Cadillac	Escalade	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
122	1999	Cadillac	Escalade	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
123	1999	Cadillac	Escalade	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
124	2000	Cadillac	Escalade	5.7	YGMXT05.7189	TIER1	MDV3	S	2TWC	2	2	U	DIRECT FIT	4451420	ALL
125	2000	Cadillac	Escalade	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
126	2000	Cadillac	Escalade	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
127	2000	Cadillac	Escalade	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
128	2000	Cadillac	Escalade	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
129	2000	Cadillac	Escalade	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
130	2000	Cadillac	Escalade	5.7	YGMXT05.7189	TIER1	MDV3	S	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
131	2000	Cadillac	Escalade	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
132	2000	Cadillac	Escalade	5.7	YGMXT05.7189	TIER1	MDV3	S	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
133	2000	Cadillac	Escalade	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
134	2000	Cadillac	Escalade	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
135	2000	Cadillac	Escalade	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
136	2000	Cadillac	Escalade	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	MANUAL
137	2000	Cadillac	Escalade	5.7	YGMXT05.7189	TIER1	MDV3	S	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
138	2000	Cadillac	Escalade	5.7	YGMXT05.7189	TIER1	MDV3	S	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
139	2002	Cadillac	Escalade EXT	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
140	2002	Cadillac	Escalade EXT	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
141	2002	Cadillac	Escalade EXT	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451418	ALL
142	2002	Cadillac	Escalade EXT	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
143	2002	Cadillac	Escalade EXT	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
144	2002	Cadillac	Escalade EXT	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451421	ALL
145	2002	Cadillac	Escalade	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
146	2002	Cadillac	Escalade	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
147	2002	Cadillac	Escalade	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451418	ALL
148	2002	Cadillac	Escalade	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
149	2002	Cadillac	Escalade	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
150	2002	Cadillac	Escalade	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451421	ALL
151	2003	Cadillac	Escalade ESV	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UL	UNIVERSAL	4451305	ALL
152	2003	Cadillac	Escalade ESV	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UL	UNIVERSAL	4451306	ALL
153	2003	Cadillac	Escalade ESV	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UL	DIRECT FIT	4451418	ALL
154	2003	Cadillac	Escalade ESV	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UR	UNIVERSAL	4451305	ALL
155	2003	Cadillac	Escalade ESV	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UR	UNIVERSAL	4451306	ALL
156	2003	Cadillac	Escalade ESV	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UR	DIRECT FIT	4451421	ALL
157	2003	Cadillac	Escalade EXT	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UL	UNIVERSAL	4451305	ALL
158	2003	Cadillac	Escalade EXT	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UL	UNIVERSAL	4451306	ALL
159	2003	Cadillac	Escalade EXT	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UL	DIRECT FIT	4451418	ALL
160	2003	Cadillac	Escalade EXT	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UR	UNIVERSAL	4451305	ALL
161	2003	Cadillac	Escalade EXT	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UR	UNIVERSAL	4451306	ALL
162	2003	Cadillac	Escalade EXT	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UR	DIRECT FIT	4451421	ALL
163	2003	Cadillac	Escalade	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
164	2003	Cadillac	Escalade	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
165	2003	Cadillac	Escalade	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UL	DIRECT FIT	4451418	ALL
166	2003	Cadillac	Escalade	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
167	2003	Cadillac	Escalade	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
168	2003	Cadillac	Escalade	6	3GMXT06.0187	LEV1 LEV	MDV3	S	2TWC	1	1	UR	DIRECT FIT	4451421	ALL
169	1995	Chevrolet	Blazer	4.3	S3G4.329GFGJ	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
170	1995	Chevrolet	Blazer	4.3	S3G4.329GFGJ	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
171	1995	Chevrolet	S10	4.3	S3G4.329GFGJ	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
172	1995	Chevrolet	S10	4.3	S3G4.329GFGJ	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
173	1996	Chevrolet	Astro	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
174	1996	Chevrolet	Astro	4.3	TGM4.32PGKEL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
175	1996	Chevrolet	Astro	4.3	TGM4.32PGKEL	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
176	1996	Chevrolet	Astro	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
177	1996	Chevrolet	Blazer	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
178	1996	Chevrolet	Blazer	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
179	1996	Chevrolet	Blazer	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451455	ALL
180	1996	Chevrolet	C1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
181	1996	Chevrolet	C1500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
182	1996	Chevrolet	C1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
183	1996	Chevrolet	C1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
184	1996	Chevrolet	C1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
185	1996	Chevrolet	C1500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
186	1996	Chevrolet	C1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
187	1996	Chevrolet	C1500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
188	1996	Chevrolet	C1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
189	1996	Chevrolet	C1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
190	1996	Chevrolet	C1500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
191	1996	Chevrolet	C1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
192	1996	Chevrolet	C1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
193	1996	Chevrolet	C1500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
194	1996	Chevrolet	C1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
195	1996	Chevrolet	C1500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
196	1996	Chevrolet	C1500	4.3	TGM4.38PGBEK	TIER1	MDV2	D	TWC	1	1	U	UNIVERSAL	4451309	ALL
197	1996	Chevrolet	C1500	4.3	TGM4.38PGBEK	TIER1	MDV2	D	TWC	1	1	U	DIRECT FIT	4451457	ALL
198	1996	Chevrolet	C1500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
199	1996	Chevrolet	C1500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
200	1996	Chevrolet	C1500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
201	1996	Chevrolet	C1500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
202	1996	Chevrolet	C1500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
203	1996	Chevrolet	C1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
204	1996	Chevrolet	C1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
205	1996	Chevrolet	C1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
206	1996	Chevrolet	C1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
207	1996	Chevrolet	C1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
208	1996	Chevrolet	C1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
209	1996	Chevrolet	C1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
210	1996	Chevrolet	C1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
211	1996	Chevrolet	C1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
212	1996	Chevrolet	C1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
213	1996	Chevrolet	C1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
214	1996	Chevrolet	C1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
215	1996	Chevrolet	C1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
216	1996	Chevrolet	C1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
217	1996	Chevrolet	C1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
218	1996	Chevrolet	C2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
219	1996	Chevrolet	C2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
220	1996	Chevrolet	C2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
221	1996	Chevrolet	C2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
222	1996	Chevrolet	C2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
223	1996	Chevrolet	C2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
224	1996	Chevrolet	C2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
225	1996	Chevrolet	C2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
226	1996	Chevrolet	C2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
227	1996	Chevrolet	C2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
228	1996	Chevrolet	C2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
229	1996	Chevrolet	C2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
230	1996	Chevrolet	C2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
231	1996	Chevrolet	C2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
232	1996	Chevrolet	C2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
233	1996	Chevrolet	C2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
234	1996	Chevrolet	C2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
235	1996	Chevrolet	C2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	2WD
236	1996	Chevrolet	C2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
237	1996	Chevrolet	C2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
238	1996	Chevrolet	C2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
239	1996	Chevrolet	C2500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
240	1996	Chevrolet	C2500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
241	1996	Chevrolet	C2500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
242	1996	Chevrolet	C2500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
243	1996	Chevrolet	C2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
244	1996	Chevrolet	C2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
245	1996	Chevrolet	C2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
246	1996	Chevrolet	C2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
247	1996	Chevrolet	C2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
248	1996	Chevrolet	C2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
249	1996	Chevrolet	C2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
250	1996	Chevrolet	C2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
251	1996	Chevrolet	C2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
252	1996	Chevrolet	C2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
253	1996	Chevrolet	C2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
254	1996	Chevrolet	C2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
255	1996	Chevrolet	C2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
256	1996	Chevrolet	C2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
257	1996	Chevrolet	C2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
258	1996	Chevrolet	C2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
259	1996	Chevrolet	C2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
260	1996	Chevrolet	C2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
261	1996	Chevrolet	C2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
262	1996	Chevrolet	C2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
263	1996	Chevrolet	C2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
264	1996	Chevrolet	C3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
265	1996	Chevrolet	C3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
266	1996	Chevrolet	C3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
267	1996	Chevrolet	C3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
268	1996	Chevrolet	C3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
269	1996	Chevrolet	C3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
270	1996	Chevrolet	C3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
271	1996	Chevrolet	C3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
272	1996	Chevrolet	C3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
273	1996	Chevrolet	C3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
274	1996	Chevrolet	C3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
275	1996	Chevrolet	C3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
276	1996	Chevrolet	C3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
277	1996	Chevrolet	C3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
278	1996	Chevrolet	C3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
279	1996	Chevrolet	C3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
280	1996	Chevrolet	C3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
281	1996	Chevrolet	C3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
282	1996	Chevrolet	C3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
283	1996	Chevrolet	C3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
284	1996	Chevrolet	Express 1500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
285	1996	Chevrolet	Express 1500	4.3	TGM4.38PGBEK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
286	1996	Chevrolet	Express 1500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
287	1996	Chevrolet	Express 1500	4.3	TGM4.38PGBEK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
288	1996	Chevrolet	Express 1500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
289	1996	Chevrolet	Express 1500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
290	1996	Chevrolet	Express 1500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
291	1996	Chevrolet	Express 1500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
292	1996	Chevrolet	Express 1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
293	1996	Chevrolet	Express 1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
294	1996	Chevrolet	Express 1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
295	1996	Chevrolet	Express 1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
296	1996	Chevrolet	Express 1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
297	1996	Chevrolet	Express 1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
298	1996	Chevrolet	Express 1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
299	1996	Chevrolet	Express 1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
300	1996	Chevrolet	Express 1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
301	1996	Chevrolet	Express 1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
302	1996	Chevrolet	Express 1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
303	1996	Chevrolet	Express 1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
304	1996	Chevrolet	Express 1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
305	1996	Chevrolet	Express 1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
306	1996	Chevrolet	Express 1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
307	1996	Chevrolet	Express 1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
308	1996	Chevrolet	Express 1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
309	1996	Chevrolet	Express 1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
310	1996	Chevrolet	Express 2500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
311	1996	Chevrolet	Express 2500	4.3	TGM4.38PGBEK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
312	1996	Chevrolet	Express 2500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
313	1996	Chevrolet	Express 2500	4.3	TGM4.38PGBEK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
314	1996	Chevrolet	Express 2500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
315	1996	Chevrolet	Express 2500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
316	1996	Chevrolet	Express 2500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
317	1996	Chevrolet	Express 2500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
318	1996	Chevrolet	Express 2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
319	1996	Chevrolet	Express 2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
320	1996	Chevrolet	Express 2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
321	1996	Chevrolet	Express 2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
322	1996	Chevrolet	Express 2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
323	1996	Chevrolet	Express 2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
324	1996	Chevrolet	Express 2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
325	1996	Chevrolet	Express 2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
326	1996	Chevrolet	Express 2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
327	1996	Chevrolet	Express 2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
328	1996	Chevrolet	Express 2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
329	1996	Chevrolet	Express 2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
330	1996	Chevrolet	Express 2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
331	1996	Chevrolet	Express 2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
332	1996	Chevrolet	Express 2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
333	1996	Chevrolet	Express 2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
334	1996	Chevrolet	Express 2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
335	1996	Chevrolet	Express 2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
336	1996	Chevrolet	Express 3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
337	1996	Chevrolet	Express 3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
338	1996	Chevrolet	Express 3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
339	1996	Chevrolet	Express 3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
340	1996	Chevrolet	Express 3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
341	1996	Chevrolet	Express 3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
342	1996	Chevrolet	Express 3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
343	1996	Chevrolet	Express 3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
344	1996	Chevrolet	Express 3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
345	1996	Chevrolet	Express 3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
346	1996	Chevrolet	Express 3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
347	1996	Chevrolet	Express 3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
348	1996	Chevrolet	Express 3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
349	1996	Chevrolet	Express 3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451416	ALL
350	1996	Chevrolet	Express 3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
351	1996	Chevrolet	Express 3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451417	ALL
352	1996	Chevrolet	G30	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
353	1996	Chevrolet	G30	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
354	1996	Chevrolet	G30	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
355	1996	Chevrolet	G30	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
356	1996	Chevrolet	G30	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
357	1996	Chevrolet	G30	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
358	1996	Chevrolet	G30	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
359	1996	Chevrolet	G30	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
360	1996	Chevrolet	G30	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
361	1996	Chevrolet	G30	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451416	ALL
362	1996	Chevrolet	G30	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
363	1996	Chevrolet	G30	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451417	ALL
364	1996	Chevrolet	K1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
365	1996	Chevrolet	K1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
366	1996	Chevrolet	K1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
367	1996	Chevrolet	K1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
368	1996	Chevrolet	K1500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
369	1996	Chevrolet	K1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
370	1996	Chevrolet	K1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
371	1996	Chevrolet	K1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
372	1996	Chevrolet	K1500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
373	1996	Chevrolet	K1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
374	1996	Chevrolet	K1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
375	1996	Chevrolet	K1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
376	1996	Chevrolet	K1500	4.3	TGM4.38PGBEK	TIER1	MDV2	D	TWC	1	1	U	UNIVERSAL	4451309	ALL
377	1996	Chevrolet	K1500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
378	1996	Chevrolet	K1500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
379	1996	Chevrolet	K1500	4.3	TGM4.38PGBEK	TIER1	MDV2	D	TWC	1	1	U	DIRECT FIT	4451457	ALL
380	1996	Chevrolet	K1500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	2WD
381	1996	Chevrolet	K1500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
382	1996	Chevrolet	K1500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	4WD
383	1996	Chevrolet	K1500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	4WD
384	1996	Chevrolet	K1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
385	1996	Chevrolet	K1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
386	1996	Chevrolet	K1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
387	1996	Chevrolet	K1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
388	1996	Chevrolet	K1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
389	1996	Chevrolet	K1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
390	1996	Chevrolet	K1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
391	1996	Chevrolet	K1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
392	1996	Chevrolet	K1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
393	1996	Chevrolet	K1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	4WD
394	1996	Chevrolet	K1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
395	1996	Chevrolet	K1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
396	1996	Chevrolet	K1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	4WD

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
397	1996	Chevrolet	K1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
398	1996	Chevrolet	K1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
399	1996	Chevrolet	K2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
400	1996	Chevrolet	K2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
401	1996	Chevrolet	K2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
402	1996	Chevrolet	K2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	4WD
403	1996	Chevrolet	K2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
404	1996	Chevrolet	K2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	4WD
405	1996	Chevrolet	K2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
406	1996	Chevrolet	K2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
407	1996	Chevrolet	K2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
408	1996	Chevrolet	K2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
409	1996	Chevrolet	K2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
410	1996	Chevrolet	K2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	4WD
411	1996	Chevrolet	K2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
412	1996	Chevrolet	K2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
413	1996	Chevrolet	K2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
414	1996	Chevrolet	K2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
415	1996	Chevrolet	K2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
416	1996	Chevrolet	K2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	2WD
417	1996	Chevrolet	K2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	4WD
418	1996	Chevrolet	K2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
419	1996	Chevrolet	K2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
420	1996	Chevrolet	K2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
421	1996	Chevrolet	K2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
422	1996	Chevrolet	K2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
423	1996	Chevrolet	K2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
424	1996	Chevrolet	K2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
425	1996	Chevrolet	K2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
426	1996	Chevrolet	K2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
427	1996	Chevrolet	K2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
428	1996	Chevrolet	K2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
429	1996	Chevrolet	K2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
430	1996	Chevrolet	K2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
431	1996	Chevrolet	K2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
432	1996	Chevrolet	K2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
433	1996	Chevrolet	K2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
434	1996	Chevrolet	K2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
435	1996	Chevrolet	K2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
436	1996	Chevrolet	K2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
437	1996	Chevrolet	K2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
438	1996	Chevrolet	K2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
439	1996	Chevrolet	K3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	4WD
440	1996	Chevrolet	K3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	4WD

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
441	1996	Chevrolet	K3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
442	1996	Chevrolet	K3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
443	1996	Chevrolet	K3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
444	1996	Chevrolet	K3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
445	1996	Chevrolet	K3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
446	1996	Chevrolet	K3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	4WD
447	1996	Chevrolet	K3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
448	1996	Chevrolet	K3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
449	1996	Chevrolet	K3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
450	1996	Chevrolet	K3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
451	1996	Chevrolet	K3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
452	1996	Chevrolet	K3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
453	1996	Chevrolet	K3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
454	1996	Chevrolet	K3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
455	1996	Chevrolet	K3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
456	1996	Chevrolet	K3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
457	1996	Chevrolet	K3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
458	1996	Chevrolet	K3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
459	1996	Chevrolet	Lumina APV	3.4	TGM3.428GFKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
460	1996	Chevrolet	Lumina APV	3.4	TGM3.428GFKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
461	1996	Chevrolet	S10	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
462	1996	Chevrolet	S10	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
463	1996	Chevrolet	S10	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
464	1996	Chevrolet	S10	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
465	1996	Chevrolet	S10	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451484	ALL
466	1996	Chevrolet	S10	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451484	2WD
467	1996	Chevrolet	S10	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451497	4WD
468	1996	Chevrolet	Tahoe	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
469	1996	Chevrolet	Tahoe	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
470	1996	Chevrolet	Tahoe	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
471	1996	Chevrolet	Tahoe	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
472	1996	Chevrolet	Tahoe	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
473	1996	Chevrolet	Tahoe	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
474	1996	Chevrolet	Tahoe	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
475	1996	Chevrolet	Tahoe	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
476	1996	Chevrolet	Tahoe	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
477	1996	Chevrolet	Tahoe	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
478	1997	Chevrolet	Astro	4.3	VGM4.3HPG3EK	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
479	1997	Chevrolet	Astro	4.3	VGM4.32PG2EK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
480	1997	Chevrolet	Astro	4.3	VGM4.3HPG3EK	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
481	1997	Chevrolet	Astro	4.3	VGM4.32PG2EK	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
482	1997	Chevrolet	Blazer	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
483	1997	Chevrolet	Blazer	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
484	1997	Chevrolet	Blazer	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451455	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
485	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
486	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
487	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
488	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
489	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
490	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
491	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
492	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
493	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
494	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
495	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
496	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
497	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
498	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
499	1997	Chevrolet	C1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
500	1997	Chevrolet	C1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	D	TWC	1	1	U	UNIVERSAL	4451309	ALL
501	1997	Chevrolet	C1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	D	TWC	1	1	U	DIRECT FIT	4451457	ALL
502	1997	Chevrolet	C1500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
503	1997	Chevrolet	C1500	5	VGM5.0HPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
504	1997	Chevrolet	C1500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
505	1997	Chevrolet	C1500	5	VGM5.0HPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
506	1997	Chevrolet	C1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
507	1997	Chevrolet	C1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
508	1997	Chevrolet	C1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
509	1997	Chevrolet	C1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
510	1997	Chevrolet	C1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
511	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
512	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
513	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
514	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
515	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
516	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
517	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
518	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
519	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
520	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
521	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
522	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
523	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
524	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
525	1997	Chevrolet	C2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
526	1997	Chevrolet	C2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
527	1997	Chevrolet	C2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
528	1997	Chevrolet	C2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
529	1997	Chevrolet	C2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
530	1997	Chevrolet	C2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
531	1997	Chevrolet	C2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
532	1997	Chevrolet	C2500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
533	1997	Chevrolet	C2500	5	VGM5.0HPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
534	1997	Chevrolet	C2500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
535	1997	Chevrolet	C2500	5	VGM5.0HPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
536	1997	Chevrolet	C2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
537	1997	Chevrolet	C2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
538	1997	Chevrolet	C2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
539	1997	Chevrolet	C2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
540	1997	Chevrolet	C2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
541	1997	Chevrolet	C2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
542	1997	Chevrolet	C2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
543	1997	Chevrolet	C2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
544	1997	Chevrolet	C2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
545	1997	Chevrolet	C2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
546	1997	Chevrolet	C2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
547	1997	Chevrolet	C2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
548	1997	Chevrolet	C2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
549	1997	Chevrolet	C2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
550	1997	Chevrolet	C2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
551	1997	Chevrolet	C2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
552	1997	Chevrolet	C2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
553	1997	Chevrolet	C2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
554	1997	Chevrolet	C2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
555	1997	Chevrolet	C2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
556	1997	Chevrolet	C2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
557	1997	Chevrolet	C3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
558	1997	Chevrolet	C3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	2WD
559	1997	Chevrolet	C3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
560	1997	Chevrolet	C3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
561	1997	Chevrolet	C3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
562	1997	Chevrolet	C3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
563	1997	Chevrolet	C3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
564	1997	Chevrolet	C3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
565	1997	Chevrolet	C3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
566	1997	Chevrolet	C3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
567	1997	Chevrolet	C3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
568	1997	Chevrolet	C3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
569	1997	Chevrolet	C3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
570	1997	Chevrolet	C3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
571	1997	Chevrolet	C3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
572	1997	Chevrolet	C3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
573	1997	Chevrolet	C3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
574	1997	Chevrolet	Express 1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
575	1997	Chevrolet	Express 1500	4.3	VGM4.3JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
576	1997	Chevrolet	Express 1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
577	1997	Chevrolet	Express 1500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
578	1997	Chevrolet	Express 1500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
579	1997	Chevrolet	Express 1500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
580	1997	Chevrolet	Express 1500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
581	1997	Chevrolet	Express 1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
582	1997	Chevrolet	Express 1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
583	1997	Chevrolet	Express 1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
584	1997	Chevrolet	Express 1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
585	1997	Chevrolet	Express 1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
586	1997	Chevrolet	Express 1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
587	1997	Chevrolet	Express 1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
588	1997	Chevrolet	Express 1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
589	1997	Chevrolet	Express 1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
590	1997	Chevrolet	Express 1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
591	1997	Chevrolet	Express 1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
592	1997	Chevrolet	Express 1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
593	1997	Chevrolet	Express 2500	4.3	VGM4.3JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
594	1997	Chevrolet	Express 2500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
595	1997	Chevrolet	Express 2500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	2WD
596	1997	Chevrolet	Express 2500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	2WD
597	1997	Chevrolet	Express 2500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	2WD
598	1997	Chevrolet	Express 2500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
599	1997	Chevrolet	Express 2500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
600	1997	Chevrolet	Express 2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
601	1997	Chevrolet	Express 2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
602	1997	Chevrolet	Express 2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
603	1997	Chevrolet	Express 2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
604	1997	Chevrolet	Express 2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
605	1997	Chevrolet	Express 2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	2WD
606	1997	Chevrolet	Express 2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
607	1997	Chevrolet	Express 2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
608	1997	Chevrolet	Express 2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
609	1997	Chevrolet	Express 2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
610	1997	Chevrolet	Express 2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
611	1997	Chevrolet	Express 2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
612	1997	Chevrolet	Express 3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
613	1997	Chevrolet	Express 3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
614	1997	Chevrolet	Express 3500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
615	1997	Chevrolet	Express 3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
616	1997	Chevrolet	Express 3500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
617	1997	Chevrolet	Express 3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
618	1997	Chevrolet	Express 3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
619	1997	Chevrolet	Express 3500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
620	1997	Chevrolet	Express 3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
621	1997	Chevrolet	Express 3500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
622	1997	Chevrolet	Express 3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
623	1997	Chevrolet	Express 3500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
624	1997	Chevrolet	Express 3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
625	1997	Chevrolet	Express 3500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
626	1997	Chevrolet	Express 3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
627	1997	Chevrolet	Express 3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451416	ALL
628	1997	Chevrolet	Express 3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
629	1997	Chevrolet	Express 3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451417	ALL
630	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
631	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
632	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
633	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
634	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
635	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
636	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
637	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
638	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
639	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
640	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
641	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
642	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
643	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
644	1997	Chevrolet	K1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
645	1997	Chevrolet	K1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	D	TWC	1	1	U	UNIVERSAL	4451309	ALL
646	1997	Chevrolet	K1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	D	TWC	1	1	U	DIRECT FIT	4451457	ALL
647	1997	Chevrolet	K1500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
648	1997	Chevrolet	K1500	5	VGM5.0HPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
649	1997	Chevrolet	K1500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	4WD
650	1997	Chevrolet	K1500	5	VGM5.0HPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	4WD
651	1997	Chevrolet	K1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
652	1997	Chevrolet	K1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
653	1997	Chevrolet	K1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
654	1997	Chevrolet	K1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
655	1997	Chevrolet	K1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
656	1997	Chevrolet	K1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
657	1997	Chevrolet	K1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
658	1997	Chevrolet	K1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
659	1997	Chevrolet	K1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
660	1997	Chevrolet	K1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
661	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
662	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
663	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
664	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
665	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
666	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
667	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
668	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
669	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
670	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
671	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
672	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
673	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
674	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
675	1997	Chevrolet	K2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
676	1997	Chevrolet	K2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
677	1997	Chevrolet	K2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
678	1997	Chevrolet	K2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
679	1997	Chevrolet	K2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
680	1997	Chevrolet	K2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
681	1997	Chevrolet	K2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
682	1997	Chevrolet	K2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
683	1997	Chevrolet	K2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
684	1997	Chevrolet	K2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
685	1997	Chevrolet	K2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
686	1997	Chevrolet	K2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
687	1997	Chevrolet	K2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
688	1997	Chevrolet	K2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
689	1997	Chevrolet	K2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
690	1997	Chevrolet	K2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
691	1997	Chevrolet	K2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
692	1997	Chevrolet	K2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
693	1997	Chevrolet	K2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
694	1997	Chevrolet	K2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
695	1997	Chevrolet	K2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
696	1997	Chevrolet	K2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
697	1997	Chevrolet	K2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
698	1997	Chevrolet	K3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
699	1997	Chevrolet	K3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
700	1997	Chevrolet	K3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
701	1997	Chevrolet	K3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
702	1997	Chevrolet	K3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
703	1997	Chevrolet	K3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
704	1997	Chevrolet	K3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
705	1997	Chevrolet	K3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
706	1997	Chevrolet	K3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
707	1997	Chevrolet	K3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
708	1997	Chevrolet	K3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
709	1997	Chevrolet	K3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
710	1997	Chevrolet	K3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
711	1997	Chevrolet	K3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
712	1997	Chevrolet	K3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
713	1997	Chevrolet	K3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
714	1997	Chevrolet	K3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
715	1997	Chevrolet	P30	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
716	1997	Chevrolet	P30	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
717	1997	Chevrolet	S10	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
718	1997	Chevrolet	S10	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
719	1997	Chevrolet	S10	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451484	2WD
720	1997	Chevrolet	S10	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451497	4WD
721	1997	Chevrolet	Tahoe	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
722	1997	Chevrolet	Tahoe	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
723	1997	Chevrolet	Tahoe	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
724	1997	Chevrolet	Tahoe	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
725	1997	Chevrolet	Tahoe	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
726	1997	Chevrolet	Tahoe	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
727	1997	Chevrolet	Tahoe	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
728	1997	Chevrolet	Tahoe	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
729	1997	Chevrolet	Tahoe	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
730	1997	Chevrolet	Tahoe	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
731	1997	Chevrolet	Tahoe	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
732	1997	Chevrolet	Tahoe	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
733	1997	Chevrolet	Tahoe	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
734	1997	Chevrolet	Tahoe	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
735	1997	Chevrolet	Tahoe	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
736	1997	Chevrolet	Venture	3.4	VGM3.428G2EK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
737	1997	Chevrolet	Venture	3.4	VGM3.428G2EK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
738	1998	Chevrolet	Astro	4.3	WGMXT04.3187	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
739	1998	Chevrolet	Astro	4.3	WGMXA04.3188	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
740	1998	Chevrolet	Astro	4.3	WGMXT04.3187	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
741	1998	Chevrolet	Astro	4.3	WGMXA04.3188	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
742	1998	Chevrolet	Blazer	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
743	1998	Chevrolet	Blazer	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
744	1998	Chevrolet	Blazer	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451455	ALL
745	1998	Chevrolet	C1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
746	1998	Chevrolet	C1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
747	1998	Chevrolet	C1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
748	1998	Chevrolet	C1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
749	1998	Chevrolet	C1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
750	1998	Chevrolet	C1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
751	1998	Chevrolet	C1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
752	1998	Chevrolet	C1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
753	1998	Chevrolet	C1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
754	1998	Chevrolet	C1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
755	1998	Chevrolet	C1500	4.3	WGMXA04.3190	TIER1	MDV2	D	TWC	1	1	U	UNIVERSAL	4451309	ALL
756	1998	Chevrolet	C1500	4.3	WGMXA04.3190	TIER1	MDV2	D	TWC	1	1	U	DIRECT FIT	4451457	ALL
757	1998	Chevrolet	C1500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
758	1998	Chevrolet	C1500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
759	1998	Chevrolet	C1500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
760	1998	Chevrolet	C1500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
761	1998	Chevrolet	C1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
762	1998	Chevrolet	C1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
763	1998	Chevrolet	C1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
764	1998	Chevrolet	C1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
765	1998	Chevrolet	C1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
766	1998	Chevrolet	C1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
767	1998	Chevrolet	C1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
768	1998	Chevrolet	C1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
769	1998	Chevrolet	C1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
770	1998	Chevrolet	C1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
771	1998	Chevrolet	C1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
772	1998	Chevrolet	C1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
773	1998	Chevrolet	C1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
774	1998	Chevrolet	C1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
775	1998	Chevrolet	C1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
776	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
777	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
778	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
779	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
780	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
781	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
782	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
783	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
784	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
785	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
786	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
787	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
788	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
789	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
790	1998	Chevrolet	C2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
791	1998	Chevrolet	C2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
792	1998	Chevrolet	C2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
793	1998	Chevrolet	C2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
794	1998	Chevrolet	C2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
795	1998	Chevrolet	C2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
796	1998	Chevrolet	C2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
797	1998	Chevrolet	C2500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
798	1998	Chevrolet	C2500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
799	1998	Chevrolet	C2500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
800	1998	Chevrolet	C2500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
801	1998	Chevrolet	C2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
802	1998	Chevrolet	C2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
803	1998	Chevrolet	C2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
804	1998	Chevrolet	C2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
805	1998	Chevrolet	C2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
806	1998	Chevrolet	C2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
807	1998	Chevrolet	C2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
808	1998	Chevrolet	C2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
809	1998	Chevrolet	C2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
810	1998	Chevrolet	C2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
811	1998	Chevrolet	C2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
812	1998	Chevrolet	C2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
813	1998	Chevrolet	C2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
814	1998	Chevrolet	C2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
815	1998	Chevrolet	C2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
816	1998	Chevrolet	C2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
817	1998	Chevrolet	C2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
818	1998	Chevrolet	C2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
819	1998	Chevrolet	C2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
820	1998	Chevrolet	C2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
821	1998	Chevrolet	C2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
822	1998	Chevrolet	C3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
823	1998	Chevrolet	C3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
824	1998	Chevrolet	C3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
825	1998	Chevrolet	C3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
826	1998	Chevrolet	C3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
827	1998	Chevrolet	C3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
828	1998	Chevrolet	C3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
829	1998	Chevrolet	C3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
830	1998	Chevrolet	C3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
831	1998	Chevrolet	C3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
832	1998	Chevrolet	C3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
833	1998	Chevrolet	C3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
834	1998	Chevrolet	C3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
835	1998	Chevrolet	C3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
836	1998	Chevrolet	C3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
837	1998	Chevrolet	C3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
838	1998	Chevrolet	C3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
839	1998	Chevrolet	C3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
840	1998	Chevrolet	C3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
841	1998	Chevrolet	C3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
842	1998	Chevrolet	C3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
843	1998	Chevrolet	C3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
844	1998	Chevrolet	C3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
845	1998	Chevrolet	Express 1500	4.3	WGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
846	1998	Chevrolet	Express 1500	4.3	WGMXA04.3190	TIER1	MDV2	D	TWC	1	2	U	UNIVERSAL	4451337	ALL
847	1998	Chevrolet	Express 1500	4.3	WGMXA04.3190	TIER1	MDV2	D	TWC	1	2	U	DIRECT FIT	4451414	ALL
848	1998	Chevrolet	Express 1500	4.3	WGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
849	1998	Chevrolet	Express 1500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
850	1998	Chevrolet	Express 1500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
851	1998	Chevrolet	Express 1500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
852	1998	Chevrolet	Express 1500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
853	1998	Chevrolet	Express 1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
854	1998	Chevrolet	Express 1500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
855	1998	Chevrolet	Express 1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
856	1998	Chevrolet	Express 1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
857	1998	Chevrolet	Express 1500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
858	1998	Chevrolet	Express 1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
859	1998	Chevrolet	Express 1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
860	1998	Chevrolet	Express 1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
861	1998	Chevrolet	Express 1500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
862	1998	Chevrolet	Express 1500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
863	1998	Chevrolet	Express 1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
864	1998	Chevrolet	Express 1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
865	1998	Chevrolet	Express 1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
866	1998	Chevrolet	Express 1500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
867	1998	Chevrolet	Express 1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
868	1998	Chevrolet	Express 1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
869	1998	Chevrolet	Express 1500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
870	1998	Chevrolet	Express 1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
871	1998	Chevrolet	Express 2500	4.3	WGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
872	1998	Chevrolet	Express 2500	4.3	WGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
873	1998	Chevrolet	Express 2500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
874	1998	Chevrolet	Express 2500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
875	1998	Chevrolet	Express 2500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
876	1998	Chevrolet	Express 2500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
877	1998	Chevrolet	Express 2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
878	1998	Chevrolet	Express 2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
879	1998	Chevrolet	Express 2500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
880	1998	Chevrolet	Express 2500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
881	1998	Chevrolet	Express 2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
882	1998	Chevrolet	Express 2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
883	1998	Chevrolet	Express 2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
884	1998	Chevrolet	Express 2500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
885	1998	Chevrolet	Express 2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
886	1998	Chevrolet	Express 2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
887	1998	Chevrolet	Express 2500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
888	1998	Chevrolet	Express 2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
889	1998	Chevrolet	Express 2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
890	1998	Chevrolet	Express 2500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
891	1998	Chevrolet	Express 2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
892	1998	Chevrolet	Express 2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
893	1998	Chevrolet	Express 2500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
894	1998	Chevrolet	Express 2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
895	1998	Chevrolet	Express 3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
896	1998	Chevrolet	Express 3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
897	1998	Chevrolet	Express 3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
898	1998	Chevrolet	Express 3500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
899	1998	Chevrolet	Express 3500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
900	1998	Chevrolet	Express 3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
901	1998	Chevrolet	Express 3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
902	1998	Chevrolet	Express 3500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
903	1998	Chevrolet	Express 3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
904	1998	Chevrolet	Express 3500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
905	1998	Chevrolet	Express 3500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
906	1998	Chevrolet	Express 3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
907	1998	Chevrolet	Express 3500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
908	1998	Chevrolet	Express 3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
909	1998	Chevrolet	Express 3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
910	1998	Chevrolet	Express 3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451416	ALL
911	1998	Chevrolet	Express 3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
912	1998	Chevrolet	Express 3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451417	ALL
913	1998	Chevrolet	K1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
914	1998	Chevrolet	K1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
915	1998	Chevrolet	K1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
916	1998	Chevrolet	K1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
917	1998	Chevrolet	K1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
918	1998	Chevrolet	K1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
919	1998	Chevrolet	K1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
920	1998	Chevrolet	K1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
921	1998	Chevrolet	K1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
922	1998	Chevrolet	K1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
923	1998	Chevrolet	K1500	4.3	WGMXA04.3190	TIER1	MDV2	D	TWC	1	1	U	UNIVERSAL	4451309	ALL
924	1998	Chevrolet	K1500	4.3	WGMXA04.3190	TIER1	MDV2	D	TWC	1	1	U	DIRECT FIT	4451457	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
925	1998	Chevrolet	K1500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	2WD
926	1998	Chevrolet	K1500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
927	1998	Chevrolet	K1500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
928	1998	Chevrolet	K1500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
929	1998	Chevrolet	K1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
930	1998	Chevrolet	K1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
931	1998	Chevrolet	K1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
932	1998	Chevrolet	K1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	4WD
933	1998	Chevrolet	K1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	4WD
934	1998	Chevrolet	K1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
935	1998	Chevrolet	K1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
936	1998	Chevrolet	K1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
937	1998	Chevrolet	K1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
938	1998	Chevrolet	K1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
939	1998	Chevrolet	K1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	4WD
940	1998	Chevrolet	K1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	4WD
941	1998	Chevrolet	K1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
942	1998	Chevrolet	K1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
943	1998	Chevrolet	K1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
944	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
945	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
946	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
947	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
948	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
949	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
950	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
951	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
952	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
953	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
954	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
955	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
956	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
957	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
958	1998	Chevrolet	K2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
959	1998	Chevrolet	K2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
960	1998	Chevrolet	K2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
961	1998	Chevrolet	K2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
962	1998	Chevrolet	K2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
963	1998	Chevrolet	K2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
964	1998	Chevrolet	K2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
965	1998	Chevrolet	K2500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
966	1998	Chevrolet	K2500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
967	1998	Chevrolet	K2500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
968	1998	Chevrolet	K2500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
969	1998	Chevrolet	K2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
970	1998	Chevrolet	K2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
971	1998	Chevrolet	K2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
972	1998	Chevrolet	K2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
973	1998	Chevrolet	K2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
974	1998	Chevrolet	K2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
975	1998	Chevrolet	K2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
976	1998	Chevrolet	K2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
977	1998	Chevrolet	K2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
978	1998	Chevrolet	K2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
979	1998	Chevrolet	K2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
980	1998	Chevrolet	K2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
981	1998	Chevrolet	K2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
982	1998	Chevrolet	K2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
983	1998	Chevrolet	K2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
984	1998	Chevrolet	K2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
985	1998	Chevrolet	K2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
986	1998	Chevrolet	K2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
987	1998	Chevrolet	K2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
988	1998	Chevrolet	K2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
989	1998	Chevrolet	K2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
990	1998	Chevrolet	K3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
991	1998	Chevrolet	K3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
992	1998	Chevrolet	K3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
993	1998	Chevrolet	K3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
994	1998	Chevrolet	K3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
995	1998	Chevrolet	K3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
996	1998	Chevrolet	K3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
997	1998	Chevrolet	K3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
998	1998	Chevrolet	K3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
999	1998	Chevrolet	K3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
1000	1998	Chevrolet	K3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1001	1998	Chevrolet	K3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
1002	1998	Chevrolet	K3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1003	1998	Chevrolet	K3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1004	1998	Chevrolet	K3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1005	1998	Chevrolet	K3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1006	1998	Chevrolet	K3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1007	1998	Chevrolet	K3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1008	1998	Chevrolet	K3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1009	1998	Chevrolet	K3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	2WD
1010	1998	Chevrolet	K3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1011	1998	Chevrolet	K3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
1012	1998	Chevrolet	K3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1013	1998	Chevrolet	P30	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1014	1998	Chevrolet	P30	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	2WD
1015	1998	Chevrolet	S10	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1016	1998	Chevrolet	S10	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1017	1998	Chevrolet	S10	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451468	2WD
1018	1998	Chevrolet	S10	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451497	4WD
1019	1998	Chevrolet	Tahoe	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1020	1998	Chevrolet	Tahoe	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1021	1998	Chevrolet	Tahoe	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1022	1998	Chevrolet	Tahoe	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1023	1998	Chevrolet	Tahoe	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1024	1998	Chevrolet	Tahoe	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
1025	1998	Chevrolet	Tahoe	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1026	1998	Chevrolet	Tahoe	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1027	1998	Chevrolet	Tahoe	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
1028	1998	Chevrolet	Tahoe	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1029	1998	Chevrolet	Venture	3.4	WGMXT03.4142	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1030	1998	Chevrolet	Venture	3.4	WGMXT03.4142	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1031	1999	Chevrolet	Astro	4.3	XGMXT04.3187	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1032	1999	Chevrolet	Astro	4.3	XGMXA04.3188	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1033	1999	Chevrolet	Astro	4.3	XGMXT04.3187	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
1034	1999	Chevrolet	Astro	4.3	XGMXA04.3188	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451410	2WD
1035	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
1036	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
1037	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1038	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1039	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1040	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1041	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1042	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1043	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1044	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1045	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1046	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1047	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1048	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1049	1999	Chevrolet	C1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1050	1999	Chevrolet	C1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	2WD
1051	1999	Chevrolet	C1500	5	XGMXA05.0184	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	2WD
1052	1999	Chevrolet	C1500	5	XGMXA05.0184	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
1053	1999	Chevrolet	C1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
1054	1999	Chevrolet	C1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
1055	1999	Chevrolet	C1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
1056	1999	Chevrolet	C1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1057	1999	Chevrolet	C1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
1058	1999	Chevrolet	C1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1059	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
1060	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1061	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1062	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1063	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1064	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
1065	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1066	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1067	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1068	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1069	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1070	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1071	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1072	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1073	1999	Chevrolet	C2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1074	1999	Chevrolet	C2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1075	1999	Chevrolet	C2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1076	1999	Chevrolet	C2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
1077	1999	Chevrolet	C2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1078	1999	Chevrolet	C2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1079	1999	Chevrolet	C2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
1080	1999	Chevrolet	C2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1081	1999	Chevrolet	C2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1082	1999	Chevrolet	C2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1083	1999	Chevrolet	C2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
1084	1999	Chevrolet	C2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1085	1999	Chevrolet	C2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1086	1999	Chevrolet	C2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
1087	1999	Chevrolet	C2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
1088	1999	Chevrolet	C2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1089	1999	Chevrolet	C2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1090	1999	Chevrolet	C2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1091	1999	Chevrolet	C2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1092	1999	Chevrolet	C2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
1093	1999	Chevrolet	C2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1094	1999	Chevrolet	C2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1095	1999	Chevrolet	C2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
1096	1999	Chevrolet	C3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1097	1999	Chevrolet	C3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1098	1999	Chevrolet	C3500	5.7	XGMXA05.7187	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1099	1999	Chevrolet	C3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1100	1999	Chevrolet	C3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1101	1999	Chevrolet	C3500	5.7	XGMXA05.7187	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1102	1999	Chevrolet	C3500	5.7	XGMXA05.7187	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1103	1999	Chevrolet	C3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1104	1999	Chevrolet	C3500	5.7	XGMXA05.7187	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1105	1999	Chevrolet	C3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1106	1999	Chevrolet	C3500	5.7	XGMXA05.7187	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1107	1999	Chevrolet	C3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1108	1999	Chevrolet	C3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1109	1999	Chevrolet	C3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1110	1999	Chevrolet	C3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
1111	1999	Chevrolet	C3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1112	1999	Chevrolet	C3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1113	1999	Chevrolet	C3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
1114	1999	Chevrolet	Express 1500	4.3	XGMXA04.3190	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1115	1999	Chevrolet	Express 1500	4.3	XGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1116	1999	Chevrolet	Express 1500	4.3	XGMXA04.3190	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
1117	1999	Chevrolet	Express 1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1118	1999	Chevrolet	Express 1500	5	XGMXA05.0184	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
1119	1999	Chevrolet	Express 1500	5	XGMXA05.0184	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
1120	1999	Chevrolet	Express 1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
1121	1999	Chevrolet	Express 1500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1122	1999	Chevrolet	Express 1500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1123	1999	Chevrolet	Express 1500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1124	1999	Chevrolet	Express 1500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1125	1999	Chevrolet	Express 1500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1126	1999	Chevrolet	Express 1500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1127	1999	Chevrolet	Express 1500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	2WD
1128	1999	Chevrolet	Express 1500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
1129	1999	Chevrolet	Express 1500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1130	1999	Chevrolet	Express 1500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1131	1999	Chevrolet	Express 1500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1132	1999	Chevrolet	Express 1500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1133	1999	Chevrolet	Express 1500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1134	1999	Chevrolet	Express 1500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1135	1999	Chevrolet	Express 1500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
1136	1999	Chevrolet	Express 1500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
1137	1999	Chevrolet	Express 2500	4.3	XGMXA04.3190	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1138	1999	Chevrolet	Express 2500	4.3	XGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1139	1999	Chevrolet	Express 2500	4.3	XGMXA04.3190	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
1140	1999	Chevrolet	Express 2500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1141	1999	Chevrolet	Express 2500	5	XGMXA05.0184	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
1142	1999	Chevrolet	Express 2500	5	XGMXA05.0184	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
1143	1999	Chevrolet	Express 2500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
1144	1999	Chevrolet	Express 2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1145	1999	Chevrolet	Express 2500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1146	1999	Chevrolet	Express 2500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1147	1999	Chevrolet	Express 2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1148	1999	Chevrolet	Express 2500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1149	1999	Chevrolet	Express 2500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1150	1999	Chevrolet	Express 2500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
1151	1999	Chevrolet	Express 2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
1152	1999	Chevrolet	Express 2500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
1153	1999	Chevrolet	Express 2500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1154	1999	Chevrolet	Express 2500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1155	1999	Chevrolet	Express 2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1156	1999	Chevrolet	Express 2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1157	1999	Chevrolet	Express 2500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1158	1999	Chevrolet	Express 2500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1159	1999	Chevrolet	Express 2500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
1160	1999	Chevrolet	Express 2500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
1161	1999	Chevrolet	Express 2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
1162	1999	Chevrolet	Express 3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1163	1999	Chevrolet	Express 3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1164	1999	Chevrolet	Express 3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1165	1999	Chevrolet	Express 3500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1166	1999	Chevrolet	Express 3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1167	1999	Chevrolet	Express 3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1168	1999	Chevrolet	Express 3500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1169	1999	Chevrolet	Express 3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1170	1999	Chevrolet	Express 3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
1171	1999	Chevrolet	Express 3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
1172	1999	Chevrolet	Express 3500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
1173	1999	Chevrolet	Express 3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1174	1999	Chevrolet	Express 3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1175	1999	Chevrolet	Express 3500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1176	1999	Chevrolet	Express 3500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1177	1999	Chevrolet	Express 3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1178	1999	Chevrolet	Express 3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1179	1999	Chevrolet	Express 3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
1180	1999	Chevrolet	Express 3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
1181	1999	Chevrolet	Express 3500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
1182	1999	Chevrolet	Express 3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
1183	1999	Chevrolet	Express 3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451416	ALL
1184	1999	Chevrolet	Express 3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
1185	1999	Chevrolet	Express 3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451417	ALL
1186	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1187	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1188	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1189	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1190	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1191	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1192	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1193	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1194	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1195	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1196	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1197	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1198	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1199	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1200	1999	Chevrolet	K1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1201	1999	Chevrolet	K1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1202	1999	Chevrolet	K1500	5	XGMXA05.0184	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1203	1999	Chevrolet	K1500	5	XGMXA05.0184	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
1204	1999	Chevrolet	K1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
1205	1999	Chevrolet	K1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1206	1999	Chevrolet	K1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1207	1999	Chevrolet	K1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1208	1999	Chevrolet	K1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1209	1999	Chevrolet	K1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1210	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
1211	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
1212	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1213	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1214	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
1215	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1216	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1217	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1218	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1219	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1220	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1221	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1222	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1223	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1224	1999	Chevrolet	K2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1225	1999	Chevrolet	K2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1226	1999	Chevrolet	K2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1227	1999	Chevrolet	K2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
1228	1999	Chevrolet	K2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1229	1999	Chevrolet	K2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1230	1999	Chevrolet	K2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
1231	1999	Chevrolet	K2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1232	1999	Chevrolet	K2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1233	1999	Chevrolet	K2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1234	1999	Chevrolet	K2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1235	1999	Chevrolet	K2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1236	1999	Chevrolet	K2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1237	1999	Chevrolet	K2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1238	1999	Chevrolet	K2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1239	1999	Chevrolet	K2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1240	1999	Chevrolet	K2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1241	1999	Chevrolet	K2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1242	1999	Chevrolet	K2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1243	1999	Chevrolet	K2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
1244	1999	Chevrolet	K2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1245	1999	Chevrolet	K2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1246	1999	Chevrolet	K2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
1247	1999	Chevrolet	K3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1248	1999	Chevrolet	K3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1249	1999	Chevrolet	K3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1250	1999	Chevrolet	K3500	5.7	XGMXA05.7187	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1251	1999	Chevrolet	K3500	5.7	XGMXA05.7187	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1252	1999	Chevrolet	K3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1253	1999	Chevrolet	K3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1254	1999	Chevrolet	K3500	5.7	XGMXA05.7187	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1255	1999	Chevrolet	K3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1256	1999	Chevrolet	K3500	5.7	XGMXA05.7187	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1257	1999	Chevrolet	K3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1258	1999	Chevrolet	K3500	5.7	XGMXA05.7187	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1259	1999	Chevrolet	K3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1260	1999	Chevrolet	K3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1261	1999	Chevrolet	K3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
1262	1999	Chevrolet	K3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1263	1999	Chevrolet	K3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1264	1999	Chevrolet	K3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
1265	1999	Chevrolet	P30	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1266	1999	Chevrolet	P30	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1267	1999	Chevrolet	Silverado 1500	4.3	XGMXA04.3195	TIER1	MDV2	D	2TWC	1	2	U	DIRECT FIT	4451419	ALL
1268	1999	Chevrolet	Silverado 1500	4.3	XGMXA04.3194	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1269	1999	Chevrolet	Silverado 1500	4.3	XGMXA04.3195	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1270	1999	Chevrolet	Silverado 1500	4.3	XGMXA04.3194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1271	1999	Chevrolet	Silverado 1500	4.3	XGMXA04.3194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1272	1999	Chevrolet	Silverado 1500	4.3	XGMXA04.3195	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1273	1999	Chevrolet	Silverado 1500	4.3	XGMXA04.3195	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1274	1999	Chevrolet	Silverado 1500	4.3	XGMXA04.3194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1275	1999	Chevrolet	Silverado 1500	4.3	XGMXA04.3194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1276	1999	Chevrolet	Silverado 1500	4.3	XGMXA04.3195	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1277	1999	Chevrolet	Silverado 1500	4.8	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1278	1999	Chevrolet	Silverado 1500	4.8	XGMXA04.8184	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1279	1999	Chevrolet	Silverado 1500	4.8	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1280	1999	Chevrolet	Silverado 1500	4.8	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1281	1999	Chevrolet	Silverado 1500	4.8	XGMXA04.8184	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1282	1999	Chevrolet	Silverado 1500	4.8	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1283	1999	Chevrolet	Silverado 1500	4.8	XGMXA04.8184	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1284	1999	Chevrolet	Silverado 1500	4.8	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1285	1999	Chevrolet	Silverado 1500	4.8	XGMXA04.8184	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1286	1999	Chevrolet	Silverado 1500	4.8	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1287	1999	Chevrolet	Silverado 1500	4.8	XGMXA04.8184	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1288	1999	Chevrolet	Silverado 1500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1289	1999	Chevrolet	Silverado 1500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1290	1999	Chevrolet	Silverado 1500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1291	1999	Chevrolet	Silverado 1500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1292	1999	Chevrolet	Silverado 1500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1293	1999	Chevrolet	Silverado 1500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1294	1999	Chevrolet	Silverado 1500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1295	1999	Chevrolet	Silverado 1500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1296	1999	Chevrolet	Silverado 1500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1297	1999	Chevrolet	Silverado 1500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1298	1999	Chevrolet	Silverado 2500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1299	1999	Chevrolet	Silverado 2500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1300	1999	Chevrolet	Silverado 2500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1301	1999	Chevrolet	Silverado 2500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1302	1999	Chevrolet	Silverado 2500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1303	1999	Chevrolet	Silverado 2500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1304	1999	Chevrolet	Silverado 2500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1305	1999	Chevrolet	Silverado 2500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1306	1999	Chevrolet	Silverado 2500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1307	1999	Chevrolet	Silverado 2500	6	XGMXA06.0182	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1308	1999	Chevrolet	Silverado 2500	6	XGMXA05.3185	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1309	1999	Chevrolet	Silverado 2500	6	XGMXA05.3185	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1310	1999	Chevrolet	Silverado 2500	6	XGMXA06.0182	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1311	1999	Chevrolet	Silverado 2500	6	XGMXA06.0182	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1312	1999	Chevrolet	Silverado 2500	6	XGMXA05.3185	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1313	1999	Chevrolet	Silverado 2500	6	XGMXA05.3185	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1314	1999	Chevrolet	Silverado 2500	6	XGMXA06.0182	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1315	1999	Chevrolet	Tahoe	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
1316	1999	Chevrolet	Tahoe	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
1317	1999	Chevrolet	Tahoe	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1318	1999	Chevrolet	Tahoe	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1319	1999	Chevrolet	Tahoe	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1320	1999	Chevrolet	Tahoe	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1321	1999	Chevrolet	Tahoe	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1322	1999	Chevrolet	Tahoe	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1323	1999	Chevrolet	Tahoe	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1324	1999	Chevrolet	Tahoe	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1325	1999	Chevrolet	Tahoe	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1326	1999	Chevrolet	Tahoe	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1327	1999	Chevrolet	Tahoe	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1328	1999	Chevrolet	Tahoe	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1329	1999	Chevrolet	Tahoe	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1330	1999	Chevrolet	Tahoe	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1331	1999	Chevrolet	Tahoe	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1332	1999	Chevrolet	Tahoe	5.7	XGMXA05.7186	TIER1	MDV3	S	TWC	2	1	U	DIRECT FIT	4451420	ALL
1333	1999	Chevrolet	Venture	3.4	XGMXT03.4142	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1334	1999	Chevrolet	Venture	3.4	XGMXT03.4142	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1335	2000	Chevrolet	C2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1336	2000	Chevrolet	C2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1337	2000	Chevrolet	C2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1338	2000	Chevrolet	C2500	5.7	YGMXH05.7582	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1339	2000	Chevrolet	C2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1340	2000	Chevrolet	C2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1341	2000	Chevrolet	C2500	5.7	YGMXH05.7582	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1342	2000	Chevrolet	C2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1343	2000	Chevrolet	C2500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
1344	2000	Chevrolet	C2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1345	2000	Chevrolet	C2500	5.7	YGMXH05.7582	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1346	2000	Chevrolet	C2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1347	2000	Chevrolet	C2500	5.7	YGMXH05.7582	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1348	2000	Chevrolet	C2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1349	2000	Chevrolet	C2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1350	2000	Chevrolet	C2500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
1351	2000	Chevrolet	C2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1352	2000	Chevrolet	C2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1353	2000	Chevrolet	C2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
1354	2000	Chevrolet	C2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1355	2000	Chevrolet	C2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1356	2000	Chevrolet	C2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
1357	2000	Chevrolet	C3500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1358	2000	Chevrolet	C3500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1359	2000	Chevrolet	C3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1360	2000	Chevrolet	C3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1361	2000	Chevrolet	C3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1362	2000	Chevrolet	C3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1363	2000	Chevrolet	C3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1364	2000	Chevrolet	C3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1365	2000	Chevrolet	C3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1366	2000	Chevrolet	C3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1367	2000	Chevrolet	C3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1368	2000	Chevrolet	C3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1369	2000	Chevrolet	C3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1370	2000	Chevrolet	C3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
1371	2000	Chevrolet	C3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1372	2000	Chevrolet	C3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1373	2000	Chevrolet	C3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
1374	2000	Chevrolet	Express 1500	5	YGMXT05.7189	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
1375	2000	Chevrolet	Express 1500	5	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	2WD
1376	2000	Chevrolet	Express 1500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1377	2000	Chevrolet	Express 1500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1378	2000	Chevrolet	Express 1500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
1379	2000	Chevrolet	Express 1500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1380	2000	Chevrolet	Express 1500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1381	2000	Chevrolet	Express 1500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
1382	2000	Chevrolet	Express 1500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1383	2000	Chevrolet	Express 1500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1384	2000	Chevrolet	Express 1500	5.7	YGMXT05.7189	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1385	2000	Chevrolet	Express 1500	5.7	YGMXT05.7189	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1386	2000	Chevrolet	Express 2500	5	YGMXT05.7189	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
1387	2000	Chevrolet	Express 2500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1388	2000	Chevrolet	Express 2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1389	2000	Chevrolet	Express 2500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1390	2000	Chevrolet	Express 2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1391	2000	Chevrolet	Express 2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
1392	2000	Chevrolet	Express 2500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
1393	2000	Chevrolet	Express 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UL	UNIVERSAL	4451305	ALL
1394	2000	Chevrolet	Express 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UL	UNIVERSAL	4451306	ALL
1395	2000	Chevrolet	Express 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UL	DIRECT FIT	4451415	ALL
1396	2000	Chevrolet	Express 2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1397	2000	Chevrolet	Express 2500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1398	2000	Chevrolet	Express 2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1399	2000	Chevrolet	Express 2500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1400	2000	Chevrolet	Express 2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
1401	2000	Chevrolet	Express 2500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
1402	2000	Chevrolet	Express 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UR	UNIVERSAL	4451305	ALL
1403	2000	Chevrolet	Express 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UR	UNIVERSAL	4451306	ALL
1404	2000	Chevrolet	Express 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UR	DIRECT FIT	4451413	ALL
1405	2000	Chevrolet	Express 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1406	2000	Chevrolet	Express 2500	5.7	YGMXT05.7189	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1407	2000	Chevrolet	Express 2500	5.7	YGMXT05.7189	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1408	2000	Chevrolet	Express 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1409	2000	Chevrolet	Express 3500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1410	2000	Chevrolet	Express 3500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1411	2000	Chevrolet	Express 3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1412	2000	Chevrolet	Express 3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1413	2000	Chevrolet	Express 3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
1414	2000	Chevrolet	Express 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UL	UNIVERSAL	4451305	ALL
1415	2000	Chevrolet	Express 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UL	UNIVERSAL	4451306	ALL
1416	2000	Chevrolet	Express 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UL	DIRECT FIT	4451415	ALL
1417	2000	Chevrolet	Express 3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1418	2000	Chevrolet	Express 3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1419	2000	Chevrolet	Express 3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
1420	2000	Chevrolet	Express 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UR	UNIVERSAL	4451305	ALL
1421	2000	Chevrolet	Express 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UR	UNIVERSAL	4451306	ALL
1422	2000	Chevrolet	Express 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UR	DIRECT FIT	4451413	ALL
1423	2000	Chevrolet	Express 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1424	2000	Chevrolet	Express 3500	5.7	YGMXT05.7189	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1425	2000	Chevrolet	Express 3500	5.7	YGMXT05.7189	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1426	2000	Chevrolet	Express 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1427	2000	Chevrolet	Express 3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
1428	2000	Chevrolet	Express 3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451416	ALL
1429	2000	Chevrolet	Express 3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
1430	2000	Chevrolet	Express 3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451417	ALL
1431	2000	Chevrolet	K2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1432	2000	Chevrolet	K2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1433	2000	Chevrolet	K2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1434	2000	Chevrolet	K2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1435	2000	Chevrolet	K2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1436	2000	Chevrolet	K2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1437	2000	Chevrolet	K2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1438	2000	Chevrolet	K2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1439	2000	Chevrolet	K2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1440	2000	Chevrolet	K2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1441	2000	Chevrolet	K2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1442	2000	Chevrolet	K2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1443	2000	Chevrolet	K2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
1444	2000	Chevrolet	K2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1445	2000	Chevrolet	K2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1446	2000	Chevrolet	K2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
1447	2000	Chevrolet	K3500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1448	2000	Chevrolet	K3500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1449	2000	Chevrolet	K3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1450	2000	Chevrolet	K3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1451	2000	Chevrolet	K3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1452	2000	Chevrolet	K3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
1453	2000	Chevrolet	K3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1454	2000	Chevrolet	K3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1455	2000	Chevrolet	K3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1456	2000	Chevrolet	K3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1457	2000	Chevrolet	K3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1458	2000	Chevrolet	K3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1459	2000	Chevrolet	K3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1460	2000	Chevrolet	K3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
1461	2000	Chevrolet	K3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1462	2000	Chevrolet	K3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1463	2000	Chevrolet	K3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
1464	2000	Chevrolet	Silverado 1500	4.3	YGMXT04.3184	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1465	2000	Chevrolet	Silverado 1500	4.3	YGMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1466	2000	Chevrolet	Silverado 1500	4.3	YGMXT04.3184	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1467	2000	Chevrolet	Silverado 1500	4.3	YGMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1468	2000	Chevrolet	Silverado 1500	4.3	YGMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1469	2000	Chevrolet	Silverado 1500	4.3	YGMXT04.3184	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1470	2000	Chevrolet	Silverado 1500	4.3	YGMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1471	2000	Chevrolet	Silverado 1500	4.3	YGMXT04.3184	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1472	2000	Chevrolet	Silverado 1500	4.3	YGMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1473	2000	Chevrolet	Silverado 1500	4.3	YGMXT04.3184	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1474	2000	Chevrolet	Silverado 1500	4.8	YGMXT05.3181	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1475	2000	Chevrolet	Silverado 1500	4.8	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1476	2000	Chevrolet	Silverado 1500	4.8	YGMXT05.3181	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1477	2000	Chevrolet	Silverado 1500	4.8	YGMXT05.3181	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1478	2000	Chevrolet	Silverado 1500	4.8	YGMXT05.3181	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1479	2000	Chevrolet	Silverado 1500	4.8	YGMXT05.3181	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1480	2000	Chevrolet	Silverado 1500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1481	2000	Chevrolet	Silverado 1500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1482	2000	Chevrolet	Silverado 1500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1483	2000	Chevrolet	Silverado 1500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1484	2000	Chevrolet	Silverado 1500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1485	2000	Chevrolet	Silverado 1500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1486	2000	Chevrolet	Silverado 1500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1487	2000	Chevrolet	Silverado 1500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1488	2000	Chevrolet	Silverado 1500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1489	2000	Chevrolet	Silverado 1500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1490	2000	Chevrolet	Silverado 2500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1491	2000	Chevrolet	Silverado 2500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1492	2000	Chevrolet	Silverado 2500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1493	2000	Chevrolet	Silverado 2500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1494	2000	Chevrolet	Silverado 2500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1495	2000	Chevrolet	Silverado 2500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1496	2000	Chevrolet	Silverado 2500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1497	2000	Chevrolet	Silverado 2500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1498	2000	Chevrolet	Silverado 2500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1499	2000	Chevrolet	Silverado 2500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1500	2000	Chevrolet	Silverado 2500	6	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1501	2000	Chevrolet	Silverado 2500	6	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1502	2000	Chevrolet	Silverado 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
1503	2000	Chevrolet	Silverado 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451647	ALL
1504	2000	Chevrolet	Silverado 2500	6	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1505	2000	Chevrolet	Silverado 2500	6	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1506	2000	Chevrolet	Silverado 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
1507	2000	Chevrolet	Silverado 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451648	ALL
1508	2000	Chevrolet	Suburban 1500	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1509	2000	Chevrolet	Suburban 1500	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1510	2000	Chevrolet	Suburban 1500	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1511	2000	Chevrolet	Suburban 1500	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1512	2000	Chevrolet	Suburban 1500	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1513	2000	Chevrolet	Suburban 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1514	2000	Chevrolet	Suburban 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1515	2000	Chevrolet	Suburban 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1516	2000	Chevrolet	Suburban 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1517	2000	Chevrolet	Tahoe	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1518	2000	Chevrolet	Tahoe	5.3	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1519	2000	Chevrolet	Tahoe	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1520	2000	Chevrolet	Tahoe	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1521	2000	Chevrolet	Tahoe	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1522	2000	Chevrolet	Tahoe	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1523	2000	Chevrolet	Tahoe	5.7	YGMXT05.7189	TIER1	MDV3	S	2TWC	2	2	U	UNIVERSAL	4451305	ALL
1524	2000	Chevrolet	Tahoe	5.7	YGMXT05.7189	TIER1	MDV3	S	2TWC	2	2	U	UNIVERSAL	4451306	ALL
1525	2000	Chevrolet	Tahoe	5.7	YGMXT05.7189	TIER1	MDV3	S	2TWC	2	2	U	DIRECT FIT	4451420	ALL
1526	2000	Chevrolet	Tahoe	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1527	2000	Chevrolet	Tahoe	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
1528	2000	Chevrolet	Tahoe	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
1529	2000	Chevrolet	Tahoe	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1530	2000	Chevrolet	Tahoe	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
1531	2000	Chevrolet	Tahoe	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1532	2000	Chevrolet	Tahoe	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
1533	2000	Chevrolet	Tahoe	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1534	2000	Chevrolet	Tahoe	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451420	ALL
1535	2000	Chevrolet	Venture	3.4	YGMXT03.4142	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451216	ALL
1536	2000	Chevrolet	Venture	3.4	YGMXT03.4142	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1537	2000	Chevrolet	Venture	3.4	YGMXT03.4142	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1538	2001	Chevrolet	Express 1500	4.3	1GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1539	2001	Chevrolet	Express 1500	4.3	1GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
1540	2001	Chevrolet	Express 1500	5	1GMXT05.0182	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
1541	2001	Chevrolet	Express 1500	5	1GMXT05.0182	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1542	2001	Chevrolet	Express 1500	5	1GMXT05.0181	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1543	2001	Chevrolet	Express 1500	5	1GMXT05.0181	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
1544	2001	Chevrolet	Express 1500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1545	2001	Chevrolet	Express 1500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1546	2001	Chevrolet	Express 1500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1547	2001	Chevrolet	Express 1500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1548	2001	Chevrolet	Express 2500	4.3	1GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1549	2001	Chevrolet	Express 2500	4.3	1GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
1550	2001	Chevrolet	Express 2500	5	1GMXT05.0182	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1551	2001	Chevrolet	Express 2500	5	1GMXT05.0182	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1552	2001	Chevrolet	Express 2500	5	1GMXT05.0181	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1553	2001	Chevrolet	Express 2500	5	1GMXT05.0181	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
1554	2001	Chevrolet	Express 2500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1555	2001	Chevrolet	Express 2500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1556	2001	Chevrolet	Express 2500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1557	2001	Chevrolet	Express 2500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1558	2001	Chevrolet	Express 3500	5.7	1GMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1559	2001	Chevrolet	Express 3500	5.7	1GMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1560	2001	Chevrolet	Express 3500	8.1	1GMXA08.1202	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1561	2001	Chevrolet	Express 3500	8.1	1GMXA08.1202	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1562	2001	Chevrolet	Express 3500	8.1	1GMXA08.1202	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1563	2001	Chevrolet	Express 3500	8.1	1GMXA08.1202	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1564	2001	Chevrolet	Silverado 1500	4.3	1GMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1565	2001	Chevrolet	Silverado 1500	4.3	1GMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1566	2001	Chevrolet	Silverado 1500	4.3	1GMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1567	2001	Chevrolet	Silverado 1500	4.3	1GMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1568	2001	Chevrolet	Silverado 1500	4.3	1GMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1569	2001	Chevrolet	Silverado 1500	4.8	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1570	2001	Chevrolet	Silverado 1500	4.8	1GMXA05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1571	2001	Chevrolet	Silverado 1500	4.8	1GMXA05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1572	2001	Chevrolet	Silverado 1500	4.8	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1573	2001	Chevrolet	Silverado 1500	4.8	1GMXA05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1574	2001	Chevrolet	Silverado 1500	4.8	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1575	2001	Chevrolet	Silverado 1500	4.8	1GMXA05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1576	2001	Chevrolet	Silverado 1500	4.8	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1577	2001	Chevrolet	Silverado 1500	4.8	1GMXA05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1578	2001	Chevrolet	Silverado 1500	4.8	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1579	2001	Chevrolet	Silverado 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1580	2001	Chevrolet	Silverado 1500	5.3	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1581	2001	Chevrolet	Silverado 1500	5.3	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1582	2001	Chevrolet	Silverado 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1583	2001	Chevrolet	Silverado 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1584	2001	Chevrolet	Silverado 1500	5.3	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
1585	2001	Chevrolet	Silverado 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1586	2001	Chevrolet	Silverado 1500	5.3	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1587	2001	Chevrolet	Silverado 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1588	2001	Chevrolet	Silverado 1500	5.3	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1589	2001	Chevrolet	Silverado 3500	6	1GMXH06.0583	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1590	2001	Chevrolet	Silverado 3500	6	1GMXH06.0583	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1591	2001	Chevrolet	Suburban 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1592	2001	Chevrolet	Suburban 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1593	2001	Chevrolet	Suburban 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1594	2001	Chevrolet	Suburban 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1595	2001	Chevrolet	Suburban 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1596	2001	Chevrolet	Tahoe	4.8	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1597	2001	Chevrolet	Tahoe	4.8	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1598	2001	Chevrolet	Tahoe	4.8	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1599	2001	Chevrolet	Tahoe	4.8	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1600	2001	Chevrolet	Tahoe	4.8	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1601	2001	Chevrolet	Tahoe	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1602	2001	Chevrolet	Tahoe	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1603	2001	Chevrolet	Tahoe	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1604	2001	Chevrolet	Tahoe	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1605	2001	Chevrolet	Tahoe	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1606	2002	Chevrolet	Express 1500	4.3	2GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1607	2002	Chevrolet	Express 1500	5	2GMXT05.0182	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1608	2002	Chevrolet	Express 1500	5	2GMXT05.0181	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1609	2002	Chevrolet	Express 1500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1610	2002	Chevrolet	Express 1500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1611	2002	Chevrolet	Express 1500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1612	2002	Chevrolet	Express 1500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1613	2002	Chevrolet	Express 2500	4.3	2GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1614	2002	Chevrolet	Express 2500	5	2GMXT05.0182	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1615	2002	Chevrolet	Express 2500	5	2GMXT05.0181	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1616	2002	Chevrolet	Express 2500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1617	2002	Chevrolet	Express 2500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1618	2002	Chevrolet	Express 2500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1619	2002	Chevrolet	Express 2500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1620	2002	Chevrolet	Express 3500	5.7	2GMXH05.7582	LEV1 LEV	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1621	2002	Chevrolet	Express 3500	5.7	2GMXH05.7582	LEV1 LEV	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1622	2002	Chevrolet	Silverado 3500	6	2GMXH06.0583	LEV1 LEV	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1623	2002	Chevrolet	Silverado 3500	6	2GMXH06.0583	LEV1 LEV	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1624	2002	Chevrolet	Trailblazer	4.2	2GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451217	ALL
1625	2002	Chevrolet	Trailblazer	4.2	2GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1626	2002	Chevrolet	Trailblazer	4.2	2GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1627	2002	Chevrolet	Trailblazer	4.2	2GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1628	2002	Chevrolet	Trailblazer	4.2	2GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	2WD

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1629	2003	Chevrolet	Express 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451211	ALL
1630	2003	Chevrolet	Express 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1631	2003	Chevrolet	Express 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451211	ALL
1632	2003	Chevrolet	Express 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451211	ALL
1633	2003	Chevrolet	Express 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1634	2003	Chevrolet	Express 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1635	2003	Chevrolet	Express 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1636	2003	Chevrolet	Express 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1637	2003	Chevrolet	Express 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1638	2003	Chevrolet	Express 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1639	2003	Chevrolet	Express 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1640	2003	Chevrolet	Express 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1641	2003	Chevrolet	Express 2500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451211	ALL
1642	2003	Chevrolet	Express 2500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
1643	2003	Chevrolet	Express 2500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451211	ALL
1644	2003	Chevrolet	Express 2500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451211	ALL
1645	2003	Chevrolet	Express 2500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1646	2003	Chevrolet	Express 2500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1647	2003	Chevrolet	Express 2500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1648	2003	Chevrolet	Express 2500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1649	2003	Chevrolet	Express 2500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1650	2003	Chevrolet	Express 2500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1651	2003	Chevrolet	Express 2500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1652	2003	Chevrolet	Express 2500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1653	2003	Chevrolet	Express 3500	6	3GMXH06.0583	LEV1 LEV	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1654	2003	Chevrolet	Express 3500	6	3GMXH06.0583	LEV1 LEV	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1655	2003	Chevrolet	Silverado 1500 HD	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1656	2003	Chevrolet	Silverado 1500 HD	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1657	2003	Chevrolet	Silverado 1500 HD	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1658	2003	Chevrolet	Silverado 1500 HD	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1659	2003	Chevrolet	Silverado 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	2TWC	2	2	U	UNIVERSAL	4451305	ALL
1660	2003	Chevrolet	Silverado 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	2TWC	2	2	U	UNIVERSAL	4451306	ALL
1661	2003	Chevrolet	Silverado 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1662	2003	Chevrolet	Silverado 1500	4.8	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1663	2003	Chevrolet	Silverado 1500	4.8	3GMXT05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1664	2003	Chevrolet	Silverado 1500	4.8	3GMXT05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1665	2003	Chevrolet	Silverado 1500	4.8	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1666	2003	Chevrolet	Silverado 1500	4.8	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1667	2003	Chevrolet	Silverado 1500	4.8	3GMXT05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1668	2003	Chevrolet	Silverado 1500	4.8	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1669	2003	Chevrolet	Silverado 1500	4.8	3GMXT05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1670	2003	Chevrolet	Silverado 1500	4.8	3GMXT05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1671	2003	Chevrolet	Silverado 1500	4.8	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1672	2003	Chevrolet	Silverado 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1673	2003	Chevrolet	Silverado 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1674	2003	Chevrolet	Silverado 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1675	2003	Chevrolet	Silverado 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1676	2003	Chevrolet	Silverado 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
1677	2003	Chevrolet	Silverado 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1678	2003	Chevrolet	Silverado 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1679	2003	Chevrolet	Silverado 1500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	4WD
1680	2003	Chevrolet	Silverado 1500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
1681	2003	Chevrolet	Silverado 1500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
1682	2003	Chevrolet	Silverado 1500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1683	2003	Chevrolet	Silverado 3500	6	3GMXH06.0583	LEV1 LEV	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1684	2003	Chevrolet	Silverado 3500	6	3GMXH06.0583	LEV1 LEV	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1685	2003	Chevrolet	SSR	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451640	4WD
1686	2003	Chevrolet	SSR	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	4WD
1687	2003	Chevrolet	SSR	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1688	2003	Chevrolet	SSR	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1689	2003	Chevrolet	SSR	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1690	2003	Chevrolet	Tahoe	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1691	2003	Chevrolet	Tahoe	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1692	2003	Chevrolet	Tahoe	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
1693	2003	Chevrolet	Tahoe	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
1694	2003	Chevrolet	Tahoe	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
1695	2003	Chevrolet	Trailblazer EXT	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1696	2003	Chevrolet	Trailblazer EXT	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1697	2003	Chevrolet	Trailblazer EXT	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1698	2003	Chevrolet	Trailblazer EXT	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1699	2003	Chevrolet	Trailblazer	4.2	3GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451217	ALL
1700	2003	Chevrolet	Trailblazer	4.2	3GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	2WD
1701	2003	Chevrolet	Trailblazer	4.2	3GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	4WD
1702	2003	Chevrolet	Trailblazer	4.2	3GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1703	2003	Chevrolet	Trailblazer	4.2	3GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	2WD
1704	2003	Chevrolet	Venture	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451208	ALL
1705	2003	Chevrolet	Venture	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1706	2003	Chevrolet	Venture	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1707	2004	Chevrolet	Express 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1708	2004	Chevrolet	Express 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1709	2004	Chevrolet	Express 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1710	2004	Chevrolet	Express 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1711	2004	Chevrolet	Express 1500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451305	ALL
1712	2004	Chevrolet	Express 1500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451306	ALL
1713	2004	Chevrolet	Express 2500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1714	2004	Chevrolet	Express 2500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1715	2004	Chevrolet	Express 2500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1716	2004	Chevrolet	Express 2500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
1717	2004	Chevrolet	Express 2500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451305	ALL
1718	2004	Chevrolet	Express 2500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451306	ALL
1719	2004	Chevrolet	Silverado 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1720	2004	Chevrolet	Silverado 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1721	2004	Chevrolet	Silverado 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1722	2004	Chevrolet	Silverado 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1723	2004	Chevrolet	Silverado 1500	4.8	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451305	ALL
1724	2004	Chevrolet	Silverado 1500	4.8	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451306	ALL
1725	2004	Chevrolet	Silverado 1500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451305	ALL
1726	2004	Chevrolet	Silverado 1500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451306	ALL
1727	2004	Chevrolet	Silverado 1500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1728	2004	Chevrolet	Silverado 1500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1729	2004	Chevrolet	Silverado 1500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RL	UNIVERSAL	4451309	ALL
1730	2004	Chevrolet	Silverado 1500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RR	UNIVERSAL	4451309	ALL
1731	2004	Chevrolet	Silverado 1500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451270	ALL
1732	2004	Chevrolet	Silverado 1500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451283	ALL
1733	2004	Chevrolet	Silverado 2500 HD	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1734	2004	Chevrolet	Silverado 2500 HD	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1735	2004	Chevrolet	Silverado 2500 HD	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RL	UNIVERSAL	4451309	ALL
1736	2004	Chevrolet	Silverado 2500 HD	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RR	UNIVERSAL	4451309	ALL
1737	2004	Chevrolet	Silverado 2500 HD	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451642	ALL
1738	2004	Chevrolet	Silverado 2500 HD	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451281	ALL
1739	2004	Chevrolet	Silverado 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1740	2004	Chevrolet	Silverado 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1741	2004	Chevrolet	Silverado 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RL	UNIVERSAL	4451309	ALL
1742	2004	Chevrolet	Silverado 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RR	UNIVERSAL	4451309	ALL
1743	2004	Chevrolet	Silverado 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451270	ALL
1744	2004	Chevrolet	Silverado 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451283	ALL
1745	2004	Chevrolet	Silverado 3500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	F	UNIVERSAL	4451309	ALL
1746	2004	Chevrolet	Silverado 3500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	R	UNIVERSAL	4451309	ALL
1747	2004	Chevrolet	SSR	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451305	ALL
1748	2004	Chevrolet	SSR	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451306	ALL
1749	2004	Chevrolet	Suburban 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
1750	2004	Chevrolet	Suburban 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
1751	2004	Chevrolet	Suburban 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RL	UNIVERSAL	4451309	ALL
1752	2004	Chevrolet	Suburban 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RR	UNIVERSAL	4451309	ALL
1753	2004	Chevrolet	Suburban 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451642	ALL
1754	2004	Chevrolet	Suburban 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451283	ALL
1755	2004	Chevrolet	Trailblazer EXT	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451172	ALL
1756	2004	Chevrolet	Trailblazer EXT	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451305	ALL
1757	2004	Chevrolet	Trailblazer EXT	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451306	ALL
1758	2005	Chevrolet	Express 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1759	2005	Chevrolet	Express 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1760	2005	Chevrolet	Express 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1761	2005	Chevrolet	Express 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1762	2005	Chevrolet	Express 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1763	2005	Chevrolet	Express 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1764	2005	Chevrolet	Express 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1765	2005	Chevrolet	Express 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1766	2005	Chevrolet	Express 1500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
1767	2005	Chevrolet	Express 1500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1768	2005	Chevrolet	Express 1500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1769	2005	Chevrolet	Express 2500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1770	2005	Chevrolet	Express 2500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1771	2005	Chevrolet	Express 2500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1772	2005	Chevrolet	Express 2500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1773	2005	Chevrolet	Express 2500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451211	ALL
1774	2005	Chevrolet	Express 2500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1775	2005	Chevrolet	Express 2500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1776	2005	Chevrolet	Express 2500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1777	2005	Chevrolet	Express 2500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1778	2005	Chevrolet	Silverado 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1779	2005	Chevrolet	Silverado 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1780	2005	Chevrolet	Silverado 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1781	2005	Chevrolet	Silverado 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1782	2005	Chevrolet	Silverado 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1783	2005	Chevrolet	Silverado 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1784	2005	Chevrolet	Silverado 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1785	2005	Chevrolet	Silverado 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1786	2005	Chevrolet	Silverado 1500	5.3	5GMXT05.3177	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1787	2005	Chevrolet	Silverado 1500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1788	2005	Chevrolet	Silverado 1500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1789	2005	Chevrolet	Silverado 1500	5.3	5GMXT05.3177	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1790	2006	Chevrolet	Avalanche 2500	8.1	6GMXT08.1201	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
1791	2006	Chevrolet	Avalanche 2500	8.1	6GMXT08.1201	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
1792	2006	Chevrolet	Express 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451211	ALL
1793	2006	Chevrolet	Express 1500	4.3	6GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1794	2006	Chevrolet	Express 1500	4.3	6GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1795	2006	Chevrolet	Express 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
1796	2006	Chevrolet	Express 1500	4.3	6GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1797	2006	Chevrolet	Express 1500	4.3	6GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1798	2006	Chevrolet	Express 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
1799	2006	Chevrolet	Silverado 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1800	2006	Chevrolet	Silverado 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1801	2006	Chevrolet	Silverado 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1802	2006	Chevrolet	Silverado 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1803	2006	Chevrolet	Suburban 1500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1804	2006	Chevrolet	Suburban 1500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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	2006	Chevrolet	Suburban 1500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1806	2006	Chevrolet	Suburban 1500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1807	2006	Chevrolet	Suburban 2500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
1808	2006	Chevrolet	Suburban 2500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
1809	2006	Chevrolet	Suburban 2500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
1810	2006	Chevrolet	Suburban 2500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
1811	2006	Chevrolet	Suburban 2500	8.1	6GMXT08.1201	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
1812	2006	Chevrolet	Suburban 2500	8.1	6GMXT08.1201	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
1813	1996	Chrysler	Town & Country	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1814	1996	Chrysler	Town & Country	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1815	1996	Chrysler	Town & Country	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1816	1996	Chrysler	Town & Country	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1817	1996	Chrysler	Town & Country	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1818	1996	Chrysler	Town & Country	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1819	1996	Chrysler	Town & Country	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1820	1996	Chrysler	Town & Country	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1821	1996	Chrysler	Town & Country	3.8	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1822	1996	Chrysler	Town & Country	3.8	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1823	1996	Chrysler	Town & Country	3.8	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1824	1996	Chrysler	Town & Country	3.8	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1825	1997	Chrysler	Town & Country	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1826	1997	Chrysler	Town & Country	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1827	1997	Chrysler	Town & Country	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
1828	1997	Chrysler	Town & Country	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1829	1997	Chrysler	Town & Country	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1830	1997	Chrysler	Town & Country	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1831	1997	Chrysler	Town & Country	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1832	1997	Chrysler	Town & Country	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1833	1997	Chrysler	Town & Country	3.8	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1834	1997	Chrysler	Town & Country	3.8	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1835	1997	Chrysler	Town & Country	3.8	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1836	1997	Chrysler	Town & Country	3.8	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1837	1998	Chrysler	Town & Country	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1838	1998	Chrysler	Town & Country	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1839	1998	Chrysler	Town & Country	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1840	1998	Chrysler	Town & Country	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1841	1998	Chrysler	Town & Country	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1842	1998	Chrysler	Town & Country	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1843	1998	Chrysler	Town & Country	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1844	1998	Chrysler	Town & Country	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1845	1998	Chrysler	Town & Country	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1846	1998	Chrysler	Town & Country	3.8	WCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1847	1998	Chrysler	Town & Country	3.8	WCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1848	1998	Chrysler	Town & Country	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
1849	1998	Chrysler	Town & Country	3.8	WCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1850	1998	Chrysler	Town & Country	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1851	1998	Chrysler	Town & Country	3.8	WCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1852	1998	Chrysler	Town & Country	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1853	1999	Chrysler	Town & Country	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1854	1999	Chrysler	Town & Country	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1855	1999	Chrysler	Town & Country	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1856	1999	Chrysler	Town & Country	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1857	1999	Chrysler	Town & Country	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1858	1999	Chrysler	Town & Country	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1859	1999	Chrysler	Town & Country	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1860	1999	Chrysler	Town & Country	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1861	1999	Chrysler	Town & Country	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1862	1999	Chrysler	Town & Country	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1863	1999	Chrysler	Town & Country	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1864	1999	Chrysler	Town & Country	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1865	1999	Chrysler	Town & Country	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1866	1999	Chrysler	Town & Country	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1867	1999	Chrysler	Town & Country	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1868	1999	Chrysler	Town & Country	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1869	1999	Chrysler	Town & Country	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1870	1999	Chrysler	Town & Country	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1871	1999	Chrysler	Town & Country	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1872	1999	Chrysler	Town & Country	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1873	1999	Chrysler	Town & Country	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1874	1999	Chrysler	Town & Country	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1875	1999	Chrysler	Town & Country	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1876	1999	Chrysler	Town & Country	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1877	2000	Chrysler	Town & Country	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1878	2000	Chrysler	Town & Country	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1879	2000	Chrysler	Town & Country	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1880	2000	Chrysler	Town & Country	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1881	2000	Chrysler	Town & Country	3.8	YCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1882	2000	Chrysler	Town & Country	3.8	YCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1883	2000	Chrysler	Town & Country	3.8	YCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1884	2000	Chrysler	Town & Country	3.8	YCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1885	2000	Chrysler	Town & Country	3.8	YCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1886	2000	Chrysler	Town & Country	3.8	YCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1887	2000	Chrysler	Town & Country	3.8	YCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1888	2000	Chrysler	Town & Country	3.8	YCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1889	2001	Chrysler	Town & Country	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1890	2001	Chrysler	Town & Country	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1891	2001	Chrysler	Town & Country	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1892	2001	Chrysler	Town & Country	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
1893	2001	Chrysler	Town & Country	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1894	2001	Chrysler	Town & Country	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1895	2001	Chrysler	Town & Country	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1896	2001	Chrysler	Town & Country	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1897	2001	Chrysler	Town & Country	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1898	2001	Chrysler	Town & Country	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1899	2001	Chrysler	Town & Country	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1900	2001	Chrysler	Town & Country	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1901	2001	Chrysler	Town & Country	3.8	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
1902	2001	Chrysler	Town & Country	3.8	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
1903	2001	Chrysler	Town & Country	3.8	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1904	2001	Chrysler	Town & Country	3.8	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1905	2001	Chrysler	Voyager	2.4	1CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451201	ALL
1906	2001	Chrysler	Voyager	2.4	1CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1907	2001	Chrysler	Voyager	2.4	1CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1908	2001	Chrysler	Voyager	2.4	1CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1909	2001	Chrysler	Voyager	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1910	2001	Chrysler	Voyager	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1911	2001	Chrysler	Voyager	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1912	2001	Chrysler	Voyager	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
1913	2001	Chrysler	Voyager	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
1914	2001	Chrysler	Voyager	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
1915	2001	Chrysler	Voyager	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1916	2001	Chrysler	Voyager	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1917	2001	Chrysler	Voyager	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1918	2001	Chrysler	Voyager	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1919	2001	Chrysler	Voyager	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1920	2001	Chrysler	Voyager	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1921	2002	Chrysler	Town & Country	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1922	2002	Chrysler	Town & Country	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1923	2002	Chrysler	Town & Country	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1924	2002	Chrysler	Town & Country	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1925	2002	Chrysler	Town & Country	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1926	2002	Chrysler	Town & Country	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1927	2002	Chrysler	Town & Country	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1928	2002	Chrysler	Town & Country	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1929	2002	Chrysler	Town & Country	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1930	2002	Chrysler	Town & Country	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1931	2002	Chrysler	Town & Country	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1932	2002	Chrysler	Town & Country	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1933	2002	Chrysler	Town & Country	3.8	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1934	2002	Chrysler	Town & Country	3.8	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1935	2002	Chrysler	Town & Country	3.8	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1936	2002	Chrysler	Town & Country	3.8	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
1937	2002	Chrysler	Town & Country	3.8	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1938	2002	Chrysler	Town & Country	3.8	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1939	2002	Chrysler	Town & Country	3.8	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1940	2002	Chrysler	Voyager	2.4	2CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451201	ALL
1941	2002	Chrysler	Voyager	2.4	2CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1942	2002	Chrysler	Voyager	2.4	2CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1943	2002	Chrysler	Voyager	2.4	2CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1944	2002	Chrysler	Voyager	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1945	2002	Chrysler	Voyager	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1946	2002	Chrysler	Voyager	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1947	2002	Chrysler	Voyager	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1948	2002	Chrysler	Voyager	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1949	2002	Chrysler	Voyager	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1950	2002	Chrysler	Voyager	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1951	2002	Chrysler	Voyager	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1952	2002	Chrysler	Voyager	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1953	2002	Chrysler	Voyager	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1954	2002	Chrysler	Voyager	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1955	2002	Chrysler	Voyager	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1956	2003	Chrysler	Town & Country	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1957	2003	Chrysler	Town & Country	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1958	2003	Chrysler	Town & Country	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1959	2003	Chrysler	Town & Country	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1960	2003	Chrysler	Town & Country	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1961	2003	Chrysler	Town & Country	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1962	2003	Chrysler	Town & Country	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1963	2003	Chrysler	Town & Country	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1964	2003	Chrysler	Town & Country	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1965	2003	Chrysler	Town & Country	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1966	2003	Chrysler	Town & Country	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1967	2003	Chrysler	Town & Country	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1968	2003	Chrysler	Town & Country	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1969	2003	Chrysler	Town & Country	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1970	2003	Chrysler	Town & Country	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1971	2003	Chrysler	Town & Country	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1972	2003	Chrysler	Town & Country	3.8	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1973	2003	Chrysler	Town & Country	3.8	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1974	2003	Chrysler	Town & Country	3.8	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1975	2003	Chrysler	Town & Country	3.8	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1976	2003	Chrysler	Town & Country	3.8	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1977	2003	Chrysler	Town & Country	3.8	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1978	2003	Chrysler	Voyager	2.4	3CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451201	ALL
1979	2003	Chrysler	Voyager	2.4	3CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1980	2003	Chrysler	Voyager	2.4	3CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
1981	2003	Chrysler	Voyager	2.4	3CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1982	2003	Chrysler	Voyager	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1983	2003	Chrysler	Voyager	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1984	2003	Chrysler	Voyager	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1985	2003	Chrysler	Voyager	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
1986	2003	Chrysler	Voyager	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1987	2003	Chrysler	Voyager	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1988	2003	Chrysler	Voyager	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1989	2003	Chrysler	Voyager	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
1990	2003	Chrysler	Voyager	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1991	2003	Chrysler	Voyager	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1992	2003	Chrysler	Voyager	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1993	2003	Chrysler	Voyager	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
1994	2003	Chrysler	Voyager	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1995	2003	Chrysler	Voyager	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1996	2003	Chrysler	Voyager	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1997	2003	Chrysler	Voyager	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
1998	1996	Dodge	B1500	3.9	TCR23928G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
1999	1996	Dodge	B1500	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2000	1996	Dodge	B1500	3.9	TCR23928G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2001	1996	Dodge	B1500	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2002	1996	Dodge	B1500	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2003	1996	Dodge	B1500	5.2	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2004	1996	Dodge	B1500	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2005	1996	Dodge	B1500	5.2	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2006	1996	Dodge	B1500	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2007	1996	Dodge	B1500	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2008	1996	Dodge	B2500	3.9	TCR23928G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2009	1996	Dodge	B2500	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2010	1996	Dodge	B2500	3.9	TCR23928G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2011	1996	Dodge	B2500	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2012	1996	Dodge	B2500	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2013	1996	Dodge	B2500	5.2	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2014	1996	Dodge	B2500	5.2	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2015	1996	Dodge	B2500	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2016	1996	Dodge	B2500	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2017	1996	Dodge	B2500	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2018	1996	Dodge	B3500	5.2	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2019	1996	Dodge	B3500	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2020	1996	Dodge	B3500	5.2	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2021	1996	Dodge	B3500	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2022	1996	Dodge	B3500	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2023	1996	Dodge	B3500	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2024	1996	Dodge	Caravan	2.4	TCR2.428GFEK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451221	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
2025	1996	Dodge	Caravan	2.4	TCR2.428GFEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2026	1996	Dodge	Caravan	2.4	TCR2.428GFEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2027	1996	Dodge	Caravan	2.4	TCR2.428GFEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2028	1996	Dodge	Caravan	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451167	2WD
2029	1996	Dodge	Caravan	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2030	1996	Dodge	Caravan	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	2WD
2031	1996	Dodge	Caravan	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	2WD
2032	1996	Dodge	Caravan	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2033	1996	Dodge	Caravan	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	2WD
2034	1996	Dodge	Caravan	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2035	1996	Dodge	Caravan	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2036	1996	Dodge	Caravan	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2037	1996	Dodge	Caravan	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2038	1996	Dodge	Caravan	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2039	1996	Dodge	Caravan	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2040	1996	Dodge	Caravan	3.8	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2041	1996	Dodge	Caravan	3.8	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	2WD
2042	1996	Dodge	Caravan	3.8	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	2WD
2043	1996	Dodge	Caravan	3.8	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2044	1996	Dodge	Dakota	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2045	1996	Dodge	Dakota	3.9	TCR23928G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2046	1996	Dodge	Dakota	3.9	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2047	1996	Dodge	Dakota	3.9	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2048	1996	Dodge	Dakota	3.9	TCR23928G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2049	1996	Dodge	Dakota	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2050	1996	Dodge	Dakota	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451607	2WD
2051	1996	Dodge	Dakota	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451617	4WD
2052	1996	Dodge	Dakota	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2053	1996	Dodge	Dakota	5.2	TCR31828G1EL	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2054	1996	Dodge	Dakota	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2055	1996	Dodge	Dakota	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2056	1996	Dodge	Dakota	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2057	1996	Dodge	Dakota	5.2	TCR31828G1EL	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2058	1996	Dodge	Dakota	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451607	2WD
2059	1996	Dodge	Dakota	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451618	4WD
2060	1996	Dodge	Grand Caravan	2.4	TCR2.428GFEK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451221	ALL
2061	1996	Dodge	Grand Caravan	2.4	TCR2.428GFEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2062	1996	Dodge	Grand Caravan	2.4	TCR2.428GFEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2063	1996	Dodge	Grand Caravan	2.4	TCR2.428GFEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2064	1996	Dodge	Grand Caravan	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451167	ALL
2065	1996	Dodge	Grand Caravan	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2066	1996	Dodge	Grand Caravan	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2067	1996	Dodge	Grand Caravan	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2068	1996	Dodge	Grand Caravan	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2069	1996	Dodge	Grand Caravan	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2070	1996	Dodge	Grand Caravan	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2071	1996	Dodge	Grand Caravan	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2072	1996	Dodge	Grand Caravan	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2073	1996	Dodge	Grand Caravan	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2074	1996	Dodge	Grand Caravan	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2075	1996	Dodge	Grand Caravan	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2076	1996	Dodge	Grand Caravan	3.8	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2077	1996	Dodge	Grand Caravan	3.8	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2078	1996	Dodge	Grand Caravan	3.8	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2079	1996	Dodge	Grand Caravan	3.8	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2080	1996	Dodge	Ram 1500	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2081	1996	Dodge	Ram 1500	3.9	TCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2082	1996	Dodge	Ram 1500	5.2	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2083	1996	Dodge	Ram 1500	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	2WD
2084	1996	Dodge	Ram 1500	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2085	1996	Dodge	Ram 1500	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2086	1996	Dodge	Ram 1500	5.2	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2087	1996	Dodge	Ram 1500	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2088	1996	Dodge	Ram 1500	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2089	1996	Dodge	Ram 1500	5.9	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2090	1996	Dodge	Ram 1500	5.9	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2091	1996	Dodge	Ram 1500	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2092	1996	Dodge	Ram 2500	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	2WD
2093	1996	Dodge	Ram 2500	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2094	1996	Dodge	Ram 2500	5.2	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2095	1996	Dodge	Ram 2500	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2096	1996	Dodge	Ram 2500	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2097	1996	Dodge	Ram 2500	5.2	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2098	1996	Dodge	Ram 2500	5.9	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2099	1996	Dodge	Ram 2500	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2100	1996	Dodge	Ram 2500	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2101	1996	Dodge	Ram 2500	5.9	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2102	1996	Dodge	Ram 2500	8	TCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2103	1996	Dodge	Ram 2500	8	TCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2104	1996	Dodge	Ram 2500	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	UL	UNIVERSAL	4451335	ALL
2105	1996	Dodge	Ram 2500	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	UL	UNIVERSAL	4451336	ALL
2106	1996	Dodge	Ram 2500	8	TCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
2107	1996	Dodge	Ram 2500	8	TCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
2108	1996	Dodge	Ram 2500	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	UR	UNIVERSAL	4451335	ALL
2109	1996	Dodge	Ram 2500	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	UR	UNIVERSAL	4451336	ALL
2110	1996	Dodge	Ram 2500	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
2111	1996	Dodge	Ram 2500	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
2112	1996	Dodge	Ram 3500	5.9	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
2113	1996	Dodge	Ram 3500	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2114	1996	Dodge	Ram 3500	5.9	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2115	1996	Dodge	Ram 3500	5.9	TCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2116	1996	Dodge	Ram 3500	8	TCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2117	1996	Dodge	Ram 3500	8	TCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2118	1996	Dodge	Ram 3500	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	UL	UNIVERSAL	4451335	ALL
2119	1996	Dodge	Ram 3500	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	UL	UNIVERSAL	4451336	ALL
2120	1996	Dodge	Ram 3500	8	TCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
2121	1996	Dodge	Ram 3500	8	TCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
2122	1996	Dodge	Ram 3500	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	UR	UNIVERSAL	4451335	ALL
2123	1996	Dodge	Ram 3500	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	UR	UNIVERSAL	4451336	ALL
2124	1996	Dodge	Ram 3500	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
2125	1996	Dodge	Ram 3500	8	TCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
2126	1997	Dodge	B1500	3.9	VCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2127	1997	Dodge	B1500	3.9	VCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2128	1997	Dodge	B1500	5.2	VCR360J8G1EL	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2129	1997	Dodge	B1500	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2130	1997	Dodge	B1500	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2131	1997	Dodge	B1500	5.2	VCR360J8G1EL	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2132	1997	Dodge	B2500	3.9	VCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2133	1997	Dodge	B2500	3.9	VCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2134	1997	Dodge	B2500	5.2	VCR360J8G1EL	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2135	1997	Dodge	B2500	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2136	1997	Dodge	B2500	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2137	1997	Dodge	B2500	5.2	VCR360J8G1EL	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2138	1997	Dodge	B2500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2139	1997	Dodge	B2500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2140	1997	Dodge	B3500	5.2	VCR360J8G1EL	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2141	1997	Dodge	B3500	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2142	1997	Dodge	B3500	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2143	1997	Dodge	B3500	5.2	VCR360J8G1EL	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2144	1997	Dodge	B3500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451296	ALL
2145	1997	Dodge	B3500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2146	1997	Dodge	Caravan	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451221	ALL
2147	1997	Dodge	Caravan	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2148	1997	Dodge	Caravan	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2149	1997	Dodge	Caravan	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2150	1997	Dodge	Caravan	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2151	1997	Dodge	Caravan	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2152	1997	Dodge	Caravan	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2153	1997	Dodge	Caravan	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2154	1997	Dodge	Caravan	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2155	1997	Dodge	Caravan	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2156	1997	Dodge	Caravan	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
2157	1997	Dodge	Caravan	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2158	1997	Dodge	Caravan	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2159	1997	Dodge	Caravan	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2160	1997	Dodge	Caravan	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2161	1997	Dodge	Caravan	3.8	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2162	1997	Dodge	Caravan	3.8	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2163	1997	Dodge	Caravan	3.8	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2164	1997	Dodge	Caravan	3.8	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2165	1997	Dodge	Dakota	3.9	VCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2166	1997	Dodge	Dakota	3.9	VCR23928G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2167	1997	Dodge	Dakota	3.9	VCR23928G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2168	1997	Dodge	Dakota	3.9	VCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2169	1997	Dodge	Dakota	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2170	1997	Dodge	Dakota	5.2	VCR318H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2171	1997	Dodge	Dakota	5.2	VCR36028G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2172	1997	Dodge	Dakota	5.2	VCR36028G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2173	1997	Dodge	Dakota	5.2	VCR318H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2174	1997	Dodge	Dakota	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2175	1997	Dodge	Dakota	5.2	VCR318H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451603	2WD
2176	1997	Dodge	Dakota	5.2	VCR36028G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451603	2WD
2177	1997	Dodge	Dakota	5.2	VCR318H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451610	4WD
2178	1997	Dodge	Dakota	5.2	VCR36028G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451610	4WD
2179	1997	Dodge	Grand Caravan	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451221	ALL
2180	1997	Dodge	Grand Caravan	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2181	1997	Dodge	Grand Caravan	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2182	1997	Dodge	Grand Caravan	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2183	1997	Dodge	Grand Caravan	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2184	1997	Dodge	Grand Caravan	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2185	1997	Dodge	Grand Caravan	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2186	1997	Dodge	Grand Caravan	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2187	1997	Dodge	Grand Caravan	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2188	1997	Dodge	Grand Caravan	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2189	1997	Dodge	Grand Caravan	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2190	1997	Dodge	Grand Caravan	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2191	1997	Dodge	Grand Caravan	3.8	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2192	1997	Dodge	Grand Caravan	3.8	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2193	1997	Dodge	Grand Caravan	3.8	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2194	1997	Dodge	Grand Caravan	3.8	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2195	1997	Dodge	Ram 1500	3.9	VCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2196	1997	Dodge	Ram 1500	3.9	VCR239H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2197	1997	Dodge	Ram 1500	5.2	VCR360H8G1EL	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	4WD
2198	1997	Dodge	Ram 1500	5.2	VCR318H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	2WD
2199	1997	Dodge	Ram 1500	5.2	VCR360H8G1EL	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2200	1997	Dodge	Ram 1500	5.2	VCR318H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
2201	1997	Dodge	Ram 1500	5.9	VCR360J8G1EL	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2202	1997	Dodge	Ram 1500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2203	1997	Dodge	Ram 1500	5.9	VCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2204	1997	Dodge	Ram 1500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2205	1997	Dodge	Ram 1500	5.9	VCR360J8G1EL	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2206	1997	Dodge	Ram 1500	5.9	VCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2207	1997	Dodge	Ram 2500	5.9	VCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2208	1997	Dodge	Ram 2500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2209	1997	Dodge	Ram 2500	5.9	VCR360J8G1EL	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2210	1997	Dodge	Ram 2500	5.9	VCR360J8G1EL	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2211	1997	Dodge	Ram 2500	5.9	VCR360J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2212	1997	Dodge	Ram 2500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2213	1997	Dodge	Ram 2500	8	VCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2214	1997	Dodge	Ram 2500	8	VCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2215	1997	Dodge	Ram 2500	8	VCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	UL	UNIVERSAL	4451335	ALL
2216	1997	Dodge	Ram 2500	8	VCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	UL	UNIVERSAL	4451336	ALL
2217	1997	Dodge	Ram 2500	8	VCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
2218	1997	Dodge	Ram 2500	8	VCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
2219	1997	Dodge	Ram 2500	8	VCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	UR	UNIVERSAL	4451335	ALL
2220	1997	Dodge	Ram 2500	8	VCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	UR	UNIVERSAL	4451336	ALL
2221	1997	Dodge	Ram 2500	8	VCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
2222	1997	Dodge	Ram 2500	8	VCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
2223	1997	Dodge	Ram 3500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2224	1997	Dodge	Ram 3500	5.9	VCR360J8G1EK	TIER1	MDV4	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2225	1997	Dodge	Ram 3500	5.9	VCR360J8G1EL	TIER1	MDV4	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2226	1997	Dodge	Ram 3500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2227	1997	Dodge	Ram 3500	5.9	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2228	1997	Dodge	Ram 3500	5.9	VCR360J8G1EK	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2229	1997	Dodge	Ram 3500	5.9	VCR360J8G1EL	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2230	1997	Dodge	Ram 3500	8	VCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2231	1997	Dodge	Ram 3500	8	VCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2232	1997	Dodge	Ram 3500	8	VCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
2233	1997	Dodge	Ram 3500	8	VCR488K8G1EK	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
2234	1997	Dodge	Ram 3500	8	VCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2235	1997	Dodge	Ram 3500	8	VCR488J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2236	1998	Dodge	B1500	3.9	WCRXA0360J11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2237	1998	Dodge	B1500	3.9	WCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2238	1998	Dodge	B1500	3.9	WCRXA0239J11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2239	1998	Dodge	B1500	3.9	WCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2240	1998	Dodge	B1500	3.9	WCRXA0239J11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2241	1998	Dodge	B1500	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2242	1998	Dodge	B1500	5.2	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2243	1998	Dodge	B1500	5.2	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2244	1998	Dodge	B1500	5.2	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2245	1998	Dodge	B1500	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2246	1998	Dodge	B1500	5.2	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2247	1998	Dodge	B1500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2248	1998	Dodge	B1500	5.9	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2249	1998	Dodge	B1500	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2250	1998	Dodge	B1500	5.9	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2251	1998	Dodge	B1500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2252	1998	Dodge	B1500	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2253	1998	Dodge	B2500	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2254	1998	Dodge	B2500	5.2	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2255	1998	Dodge	B2500	5.2	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2256	1998	Dodge	B2500	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2257	1998	Dodge	B2500	5.2	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2258	1998	Dodge	B2500	5.2	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2259	1998	Dodge	B2500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2260	1998	Dodge	B2500	5.9	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2261	1998	Dodge	B2500	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2262	1998	Dodge	B2500	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2263	1998	Dodge	B2500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2264	1998	Dodge	B2500	5.9	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2265	1998	Dodge	B3500	5.2	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2266	1998	Dodge	B3500	5.2	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2267	1998	Dodge	B3500	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2268	1998	Dodge	B3500	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2269	1998	Dodge	B3500	5.2	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2270	1998	Dodge	B3500	5.2	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2271	1998	Dodge	B3500	5.9	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2272	1998	Dodge	B3500	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2273	1998	Dodge	B3500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2274	1998	Dodge	B3500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2275	1998	Dodge	B3500	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2276	1998	Dodge	B3500	5.9	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2277	1998	Dodge	Caravan	2.4	WCRXT02.42B0	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451221	ALL
2278	1998	Dodge	Caravan	2.4	WCRXT02.42B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2279	1998	Dodge	Caravan	2.4	WCRXT02.42B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2280	1998	Dodge	Caravan	2.4	WCRXT02.42B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2281	1998	Dodge	Caravan	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2282	1998	Dodge	Caravan	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2283	1998	Dodge	Caravan	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2284	1998	Dodge	Caravan	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2285	1998	Dodge	Caravan	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2286	1998	Dodge	Caravan	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2287	1998	Dodge	Caravan	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2288	1998	Dodge	Caravan	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2289	1998	Dodge	Caravan	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2290	1998	Dodge	Caravan	3.8	WCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2291	1998	Dodge	Caravan	3.8	WCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2292	1998	Dodge	Caravan	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2293	1998	Dodge	Caravan	3.8	WCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2294	1998	Dodge	Caravan	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2295	1998	Dodge	Caravan	3.8	WCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2296	1998	Dodge	Caravan	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2297	1998	Dodge	Dakota	2.5	WCRXT0150110	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2298	1998	Dodge	Dakota	2.5	WCRXT0150110	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2299	1998	Dodge	Dakota	3.9	WCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2300	1998	Dodge	Dakota	3.9	WCRXT0239211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2301	1998	Dodge	Dakota	3.9	WCRXT0239211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2302	1998	Dodge	Dakota	3.9	WCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2303	1998	Dodge	Dakota	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2304	1998	Dodge	Dakota	5.2	WCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2305	1998	Dodge	Dakota	5.2	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2306	1998	Dodge	Dakota	5.2	WCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2307	1998	Dodge	Dakota	5.2	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2308	1998	Dodge	Dakota	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2309	1998	Dodge	Dakota	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2310	1998	Dodge	Dakota	5.9	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2311	1998	Dodge	Dakota	5.9	WCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2312	1998	Dodge	Dakota	5.9	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2313	1998	Dodge	Dakota	5.9	WCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2314	1998	Dodge	Dakota	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2315	1998	Dodge	Durango	3.9	WCRXA0239H12	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2316	1998	Dodge	Durango	3.9	WCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2317	1998	Dodge	Durango	3.9	WCRXA0239H12	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2318	1998	Dodge	Durango	3.9	WCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2319	1998	Dodge	Durango	5.2	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2320	1998	Dodge	Durango	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2321	1998	Dodge	Durango	5.2	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2322	1998	Dodge	Durango	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2323	1998	Dodge	Durango	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451637	ALL
2324	1998	Dodge	Durango	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2325	1998	Dodge	Durango	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2326	1998	Dodge	Durango	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2327	1998	Dodge	Durango	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2328	1998	Dodge	Durango	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451637	ALL
2329	1998	Dodge	Grand Caravan	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2330	1998	Dodge	Grand Caravan	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2331	1998	Dodge	Grand Caravan	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2332	1998	Dodge	Grand Caravan	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2333	1998	Dodge	Grand Caravan	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2334	1998	Dodge	Grand Caravan	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2335	1998	Dodge	Grand Caravan	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2336	1998	Dodge	Grand Caravan	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2337	1998	Dodge	Grand Caravan	3.8	WCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2338	1998	Dodge	Grand Caravan	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2339	1998	Dodge	Grand Caravan	3.8	WCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2340	1998	Dodge	Grand Caravan	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2341	1998	Dodge	Grand Caravan	3.8	WCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2342	1998	Dodge	Grand Caravan	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2343	1998	Dodge	Grand Caravan	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2344	1998	Dodge	Grand Caravan	3.8	WCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2345	1998	Dodge	Ram 1500	3.9	WCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2346	1998	Dodge	Ram 1500	3.9	WCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2347	1998	Dodge	Ram 1500	5.2	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2348	1998	Dodge	Ram 1500	5.2	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2349	1998	Dodge	Ram 1500	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2350	1998	Dodge	Ram 1500	5.2	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2351	1998	Dodge	Ram 1500	5.2	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2352	1998	Dodge	Ram 1500	5.2	WCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2353	1998	Dodge	Ram 1500	5.9	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2354	1998	Dodge	Ram 1500	5.9	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2355	1998	Dodge	Ram 1500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2356	1998	Dodge	Ram 1500	5.9	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2357	1998	Dodge	Ram 1500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2358	1998	Dodge	Ram 1500	5.9	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2359	1998	Dodge	Ram 1500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2360	1998	Dodge	Ram 1500	5.9	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2361	1998	Dodge	Ram 2500	5.9	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2362	1998	Dodge	Ram 2500	5.9	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2363	1998	Dodge	Ram 2500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2364	1998	Dodge	Ram 2500	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2365	1998	Dodge	Ram 2500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2366	1998	Dodge	Ram 2500	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2367	1998	Dodge	Ram 2500	5.9	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2368	1998	Dodge	Ram 2500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2369	1998	Dodge	Ram 2500	5.9	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2370	1998	Dodge	Ram 2500	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2371	1998	Dodge	Ram 2500	5.9	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2372	1998	Dodge	Ram 2500	8	WCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2373	1998	Dodge	Ram 2500	8	WCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2374	1998	Dodge	Ram 2500	8	WCRXA0488J11	TIER1	MDV3	S	TWC	1	1	UL	UNIVERSAL	4451335	ALL
2375	1998	Dodge	Ram 2500	8	WCRXA0488J11	TIER1	MDV3	S	TWC	1	1	UL	UNIVERSAL	4451336	ALL
2376	1998	Dodge	Ram 2500	8	WCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2377	1998	Dodge	Ram 2500	8	WCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
2378	1998	Dodge	Ram 2500	8	WCRXA0488J11	TIER1	MDV3	S	TWC	1	1	UR	UNIVERSAL	4451335	ALL
2379	1998	Dodge	Ram 2500	8	WCRXA0488J11	TIER1	MDV3	S	TWC	1	1	UR	UNIVERSAL	4451336	ALL
2380	1998	Dodge	Ram 2500	8	WCRXA0488J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
2381	1998	Dodge	Ram 2500	8	WCRXA0488J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
2382	1998	Dodge	Ram 3500	5.9	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2383	1998	Dodge	Ram 3500	5.9	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2384	1998	Dodge	Ram 3500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2385	1998	Dodge	Ram 3500	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2386	1998	Dodge	Ram 3500	5.9	WCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2387	1998	Dodge	Ram 3500	5.9	WCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2388	1998	Dodge	Ram 3500	5.9	WCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2389	1998	Dodge	Ram 3500	5.9	WCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2390	1998	Dodge	Ram 3500	8	WCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2391	1998	Dodge	Ram 3500	8	WCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2392	1998	Dodge	Ram 3500	8	WCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
2393	1998	Dodge	Ram 3500	8	WCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
2394	1998	Dodge	Ram 3500	8	WCRXA0488J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2395	1998	Dodge	Ram 3500	8	WCRXA0488J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2396	1999	Dodge	Caravan	2.4	XCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451221	ALL
2397	1999	Dodge	Caravan	2.4	XCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2398	1999	Dodge	Caravan	2.4	XCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2399	1999	Dodge	Caravan	2.4	XCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2400	1999	Dodge	Caravan	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2401	1999	Dodge	Caravan	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2402	1999	Dodge	Caravan	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2403	1999	Dodge	Caravan	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2404	1999	Dodge	Caravan	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2405	1999	Dodge	Caravan	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2406	1999	Dodge	Caravan	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2407	1999	Dodge	Caravan	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2408	1999	Dodge	Caravan	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2409	1999	Dodge	Caravan	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2410	1999	Dodge	Caravan	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2411	1999	Dodge	Caravan	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2412	1999	Dodge	Caravan	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2413	1999	Dodge	Caravan	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2414	1999	Dodge	Caravan	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2415	1999	Dodge	Caravan	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2416	1999	Dodge	Caravan	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2417	1999	Dodge	Caravan	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2418	1999	Dodge	Caravan	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2419	1999	Dodge	Caravan	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2420	1999	Dodge	Caravan	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2421	1999	Dodge	Caravan	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2422	1999	Dodge	Caravan	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2423	1999	Dodge	Caravan	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2424	1999	Dodge	Dakota	3.9	XCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451294	4WD
2425	1999	Dodge	Dakota	3.9	XCRXT0239211	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451294	4WD
2426	1999	Dodge	Dakota	3.9	XCRXT0239211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2427	1999	Dodge	Dakota	3.9	XCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2428	1999	Dodge	Dakota	3.9	XCRXT0239211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2429	1999	Dodge	Dakota	3.9	XCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2430	1999	Dodge	Dakota	5.2	XCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2431	1999	Dodge	Dakota	5.2	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2432	1999	Dodge	Dakota	5.2	XCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2433	1999	Dodge	Dakota	5.2	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2434	1999	Dodge	Dakota	5.2	XCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2435	1999	Dodge	Dakota	5.2	XCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2436	1999	Dodge	Dakota	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2437	1999	Dodge	Dakota	5.9	XCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2438	1999	Dodge	Dakota	5.9	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2439	1999	Dodge	Dakota	5.9	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2440	1999	Dodge	Dakota	5.9	XCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2441	1999	Dodge	Dakota	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2442	1999	Dodge	Dakota	5.9	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451608	ALL
2443	1999	Dodge	Dakota	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451608	ALL
2444	1999	Dodge	Durango	3.9	XCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2445	1999	Dodge	Durango	3.9	XCRXA0239H12	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2446	1999	Dodge	Durango	3.9	XCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2447	1999	Dodge	Durango	3.9	XCRXA0239H12	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2448	1999	Dodge	Durango	5.2	XCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2449	1999	Dodge	Durango	5.2	XCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2450	1999	Dodge	Durango	5.2	XCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2451	1999	Dodge	Durango	5.2	XCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2452	1999	Dodge	Durango	5.2	XCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451637	2WD
2453	1999	Dodge	Durango	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2454	1999	Dodge	Durango	5.9	XCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2455	1999	Dodge	Durango	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2456	1999	Dodge	Durango	5.9	XCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2457	1999	Dodge	Grand Caravan	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2458	1999	Dodge	Grand Caravan	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2459	1999	Dodge	Grand Caravan	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2460	1999	Dodge	Grand Caravan	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2461	1999	Dodge	Grand Caravan	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2462	1999	Dodge	Grand Caravan	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2463	1999	Dodge	Grand Caravan	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2464	1999	Dodge	Grand Caravan	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
2465	1999	Dodge	Grand Caravan	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2466	1999	Dodge	Grand Caravan	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2467	1999	Dodge	Grand Caravan	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2468	1999	Dodge	Grand Caravan	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2469	1999	Dodge	Grand Caravan	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2470	1999	Dodge	Grand Caravan	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2471	1999	Dodge	Grand Caravan	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2472	1999	Dodge	Grand Caravan	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2473	1999	Dodge	Grand Caravan	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2474	1999	Dodge	Grand Caravan	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2475	1999	Dodge	Grand Caravan	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2476	1999	Dodge	Grand Caravan	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2477	1999	Dodge	Grand Caravan	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2478	1999	Dodge	Grand Caravan	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2479	1999	Dodge	Grand Caravan	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2480	1999	Dodge	Grand Caravan	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2481	1999	Dodge	Ram 1500 Van	3.9	XCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2482	1999	Dodge	Ram 1500 Van	3.9	XCRXA0239H12	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2483	1999	Dodge	Ram 1500 Van	3.9	XCRXA0239H12	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2484	1999	Dodge	Ram 1500 Van	3.9	XCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2485	1999	Dodge	Ram 1500 Van	5.2	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2486	1999	Dodge	Ram 1500 Van	5.2	XCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2487	1999	Dodge	Ram 1500 Van	5.2	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2488	1999	Dodge	Ram 1500 Van	5.2	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2489	1999	Dodge	Ram 1500 Van	5.2	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2490	1999	Dodge	Ram 1500 Van	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2491	1999	Dodge	Ram 1500 Van	5.9	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2492	1999	Dodge	Ram 1500 Van	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2493	1999	Dodge	Ram 1500 Van	5.9	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2494	1999	Dodge	Ram 1500	3.9	XCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2495	1999	Dodge	Ram 1500	3.9	XCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2496	1999	Dodge	Ram 1500	5.2	XCRXA0318H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2497	1999	Dodge	Ram 1500	5.2	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2498	1999	Dodge	Ram 1500	5.2	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2499	1999	Dodge	Ram 1500	5.2	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2500	1999	Dodge	Ram 1500	5.2	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2501	1999	Dodge	Ram 1500	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2502	1999	Dodge	Ram 1500	5.9	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2503	1999	Dodge	Ram 1500	5.9	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2504	1999	Dodge	Ram 1500	5.9	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2505	1999	Dodge	Ram 1500	5.9	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2506	1999	Dodge	Ram 1500	5.9	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2507	1999	Dodge	Ram 1500	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2508	1999	Dodge	Ram 2500 Van	5.2	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
2509	1999	Dodge	Ram 2500 Van	5.2	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2510	1999	Dodge	Ram 2500 Van	5.2	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2511	1999	Dodge	Ram 2500 Van	5.2	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2512	1999	Dodge	Ram 2500 Van	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2513	1999	Dodge	Ram 2500 Van	5.9	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2514	1999	Dodge	Ram 2500 Van	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2515	1999	Dodge	Ram 2500 Van	5.9	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2516	1999	Dodge	Ram 2500	5.9	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2517	1999	Dodge	Ram 2500	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2518	1999	Dodge	Ram 2500	5.9	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2519	1999	Dodge	Ram 2500	5.9	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2520	1999	Dodge	Ram 2500	5.9	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2521	1999	Dodge	Ram 2500	5.9	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2522	1999	Dodge	Ram 2500	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2523	1999	Dodge	Ram 2500	8	XCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2524	1999	Dodge	Ram 2500	8	XCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2525	1999	Dodge	Ram 2500	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	UL	UNIVERSAL	4451335	ALL
2526	1999	Dodge	Ram 2500	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	UL	UNIVERSAL	4451336	ALL
2527	1999	Dodge	Ram 2500	8	XCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
2528	1999	Dodge	Ram 2500	8	XCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
2529	1999	Dodge	Ram 2500	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	UR	UNIVERSAL	4451335	ALL
2530	1999	Dodge	Ram 2500	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	UR	UNIVERSAL	4451336	ALL
2531	1999	Dodge	Ram 2500	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
2532	1999	Dodge	Ram 2500	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
2533	1999	Dodge	Ram 3500 Van	5.2	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2534	1999	Dodge	Ram 3500 Van	5.2	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2535	1999	Dodge	Ram 3500 Van	5.2	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2536	1999	Dodge	Ram 3500 Van	5.2	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2537	1999	Dodge	Ram 3500 Van	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2538	1999	Dodge	Ram 3500 Van	5.9	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2539	1999	Dodge	Ram 3500 Van	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2540	1999	Dodge	Ram 3500 Van	5.9	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2541	1999	Dodge	Ram 3500	5.9	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2542	1999	Dodge	Ram 3500	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2543	1999	Dodge	Ram 3500	5.9	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2544	1999	Dodge	Ram 3500	5.9	XCRXA0360J31	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2545	1999	Dodge	Ram 3500	5.9	XCRXA0360H31	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2546	1999	Dodge	Ram 3500	5.9	XCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2547	1999	Dodge	Ram 3500	8	XCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2548	1999	Dodge	Ram 3500	8	XCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2549	1999	Dodge	Ram 3500	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	UL	UNIVERSAL	4451335	ALL
2550	1999	Dodge	Ram 3500	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	UL	UNIVERSAL	4451336	ALL
2551	1999	Dodge	Ram 3500	8	XCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
2552	1999	Dodge	Ram 3500	8	XCRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
2553	1999	Dodge	Ram 3500	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	UR	UNIVERSAL	4451335	ALL
2554	1999	Dodge	Ram 3500	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	UR	UNIVERSAL	4451336	ALL
2555	1999	Dodge	Ram 3500	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
2556	1999	Dodge	Ram 3500	8	XCRXA0488J11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
2557	2000	Dodge	Caravan	2.4	YCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451221	ALL
2558	2000	Dodge	Caravan	2.4	YCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
2559	2000	Dodge	Caravan	2.4	YCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2560	2000	Dodge	Caravan	2.4	YCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2561	2000	Dodge	Caravan	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2562	2000	Dodge	Caravan	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2563	2000	Dodge	Caravan	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2564	2000	Dodge	Caravan	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2565	2000	Dodge	Dakota	3.9	YCRXT03.92C1	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451215	2WD
2566	2000	Dodge	Dakota	3.9	YCRXT03.92C1	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2567	2000	Dodge	Dakota	3.9	YCRXT03.92C1	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2568	2000	Dodge	Dakota	5.9	YCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451215	2WD
2569	2000	Dodge	Dakota	5.9	YCRXT0360221	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451215	2WD
2570	2000	Dodge	Dakota	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451215	2WD
2571	2000	Dodge	Dakota	5.9	YCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2572	2000	Dodge	Dakota	5.9	YCRXV0360221	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2573	2000	Dodge	Dakota	5.9	YCRXT0360221	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2574	2000	Dodge	Dakota	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2575	2000	Dodge	Dakota	5.9	YCRXT0360221	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2576	2000	Dodge	Dakota	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2577	2000	Dodge	Dakota	5.9	YCRXV0360221	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2578	2000	Dodge	Dakota	5.9	YCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2579	2000	Dodge	Dakota	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451621	4WD
2580	2000	Dodge	Durango	5.2	YCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451280	2WD
2581	2000	Dodge	Durango	5.2	YCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2582	2000	Dodge	Durango	5.2	YCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2583	2000	Dodge	Durango	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451205	4WD
2584	2000	Dodge	Durango	5.9	YCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451205	4WD
2585	2000	Dodge	Durango	5.9	YCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451280	2WD
2586	2000	Dodge	Durango	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451280	2WD
2587	2000	Dodge	Durango	5.9	YCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2588	2000	Dodge	Durango	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2589	2000	Dodge	Durango	5.9	YCRXA0360H32	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2590	2000	Dodge	Durango	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2591	2000	Dodge	Grand Caravan	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2592	2000	Dodge	Grand Caravan	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2593	2000	Dodge	Grand Caravan	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2594	2000	Dodge	Grand Caravan	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2595	2000	Dodge	Grand Caravan	3.8	YCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
2596	2000	Dodge	Grand Caravan	3.8	YCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
2597	2000	Dodge	Grand Caravan	3.8	YCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2598	2000	Dodge	Grand Caravan	3.8	YCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2599	2000	Dodge	Grand Caravan	3.8	YCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2600	2000	Dodge	Grand Caravan	3.8	YCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2601	2000	Dodge	Grand Caravan	3.8	YCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2602	2000	Dodge	Grand Caravan	3.8	YCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2603	2000	Dodge	Ram 1500 Van	3.9	YCRXT03.92C1	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2604	2000	Dodge	Ram 1500 Van	3.9	YCRXT03.92C1	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2605	2000	Dodge	Ram 1500 Van	3.9	YCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2606	2000	Dodge	Ram 1500 Van	5.2	YCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2607	2000	Dodge	Ram 1500 Van	5.2	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2608	2000	Dodge	Ram 1500 Van	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2609	2000	Dodge	Ram 1500 Van	5.9	YCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2610	2000	Dodge	Ram 1500	3.9	YCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451203	ALL
2611	2000	Dodge	Ram 1500	3.9	YCRXA0239H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2612	2000	Dodge	Ram 1500	5.2	YCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2613	2000	Dodge	Ram 1500	5.2	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2614	2000	Dodge	Ram 1500	5.2	YCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2615	2000	Dodge	Ram 1500	5.2	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2616	2000	Dodge	Ram 1500	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2617	2000	Dodge	Ram 1500	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2618	2000	Dodge	Ram 2500 Van	5.2	YCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2619	2000	Dodge	Ram 2500 Van	5.2	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2620	2000	Dodge	Ram 2500 Van	5.9	YCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2621	2000	Dodge	Ram 2500 Van	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2622	2000	Dodge	Ram 2500	5.9	YCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2623	2000	Dodge	Ram 2500	5.9	YCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2624	2000	Dodge	Ram 2500	8	YCRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
2625	2000	Dodge	Ram 2500	8	YCRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
2626	2000	Dodge	Ram 2500	8	YCRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
2627	2000	Dodge	Ram 2500	8	YCRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
2628	2000	Dodge	Ram 2500	8	YCRXA0488K11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2629	2000	Dodge	Ram 2500	8	YCRXA0488K11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2630	2000	Dodge	Ram 3500 Van	5.2	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2631	2000	Dodge	Ram 3500 Van	5.2	YCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2632	2000	Dodge	Ram 3500 Van	5.9	YCRXA0360H11	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2633	2000	Dodge	Ram 3500 Van	5.9	YCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2634	2000	Dodge	Ram 3500	5.9	YCRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2635	2000	Dodge	Ram 3500	8	YCRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2636	2000	Dodge	Ram 3500	8	YCRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2637	2000	Dodge	Ram 3500	8	YCRXA0488K11	TIER1	MDV4	S	TWC	1	1	UL	UNIVERSAL	4451335	ALL
2638	2000	Dodge	Ram 3500	8	YCRXA0488K11	TIER1	MDV4	S	TWC	1	1	UL	UNIVERSAL	4451336	ALL
2639	2000	Dodge	Ram 3500	8	YCRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
2640	2000	Dodge	Ram 3500	8	YCRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2641	2000	Dodge	Ram 3500	8	YCRXA0488K11	TIER1	MDV4	S	TWC	1	1	UR	UNIVERSAL	4451335	ALL
2642	2000	Dodge	Ram 3500	8	YCRXA0488K11	TIER1	MDV4	S	TWC	1	1	UR	UNIVERSAL	4451336	ALL
2643	2000	Dodge	Ram 3500	8	YCRXA0488K11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
2644	2000	Dodge	Ram 3500	8	YCRXA0488K11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
2645	2001	Dodge	Caravan	2.4	1CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451201	ALL
2646	2001	Dodge	Caravan	2.4	1CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2647	2001	Dodge	Caravan	2.4	1CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2648	2001	Dodge	Caravan	2.4	1CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2649	2001	Dodge	Caravan	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2650	2001	Dodge	Caravan	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2651	2001	Dodge	Caravan	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451204	ALL
2652	2001	Dodge	Caravan	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2653	2001	Dodge	Caravan	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2654	2001	Dodge	Caravan	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2655	2001	Dodge	Caravan	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2656	2001	Dodge	Caravan	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2657	2001	Dodge	Caravan	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2658	2001	Dodge	Caravan	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2659	2001	Dodge	Caravan	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2660	2001	Dodge	Caravan	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2661	2001	Dodge	Durango	5.9	1CRXT05.95B2	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451205	4WD
2662	2001	Dodge	Durango	5.9	1CRXT05.95B2	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2663	2001	Dodge	Durango	5.9	1CRXT05.95B2	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2664	2001	Dodge	Grand Caravan	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2665	2001	Dodge	Grand Caravan	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2666	2001	Dodge	Grand Caravan	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451204	4WD
2667	2001	Dodge	Grand Caravan	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2668	2001	Dodge	Grand Caravan	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2669	2001	Dodge	Grand Caravan	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2670	2001	Dodge	Grand Caravan	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2671	2001	Dodge	Grand Caravan	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2672	2001	Dodge	Grand Caravan	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2673	2001	Dodge	Grand Caravan	3.3	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2674	2001	Dodge	Grand Caravan	3.3	1CRXT03.32DT	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2675	2001	Dodge	Grand Caravan	3.3	1CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2676	2001	Dodge	Grand Caravan	3.8	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451204	4WD
2677	2001	Dodge	Grand Caravan	3.8	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2678	2001	Dodge	Grand Caravan	3.8	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2679	2001	Dodge	Grand Caravan	3.8	1CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2680	2001	Dodge	Ram 1500 Van	3.9	1CRXT03.95B2	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451295	ALL
2681	2001	Dodge	Ram 1500 Van	3.9	1CRXT03.95B9	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2682	2001	Dodge	Ram 1500 Van	3.9	1CRXT03.95B2	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2683	2001	Dodge	Ram 1500 Van	5.2	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451209	ALL
2684	2001	Dodge	Ram 1500 Van	5.2	1CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2685	2001	Dodge	Ram 1500 Van	5.2	1CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
2686	2001	Dodge	Ram 1500 Van	5.2	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2687	2001	Dodge	Ram 1500 Van	5.9	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451209	ALL
2688	2001	Dodge	Ram 1500 Van	5.9	1CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2689	2001	Dodge	Ram 1500 Van	5.9	1CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
2690	2001	Dodge	Ram 1500 Van	5.9	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2691	2001	Dodge	Ram 1500	3.9	1CRXT03.95B9	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451203	2WD
2692	2001	Dodge	Ram 1500	3.9	1CRXT03.95B2	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451203	2WD
2693	2001	Dodge	Ram 1500	3.9	1CRXT03.95B9	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
2694	2001	Dodge	Ram 1500	3.9	1CRXT03.95B2	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
2695	2001	Dodge	Ram 1500	3.9	1CRXT03.95B9	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
2696	2001	Dodge	Ram 1500	3.9	1CRXT03.95B2	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
2697	2001	Dodge	Ram 1500	5.2	1CRXA0360J18	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2698	2001	Dodge	Ram 1500	5.2	1CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2699	2001	Dodge	Ram 1500	5.2	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2700	2001	Dodge	Ram 1500	5.2	1CRXT05.95B8	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2701	2001	Dodge	Ram 1500	5.2	1CRXT05.95B8	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2702	2001	Dodge	Ram 1500	5.2	1CRXA0360J18	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2703	2001	Dodge	Ram 1500	5.2	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2704	2001	Dodge	Ram 1500	5.2	1CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2705	2001	Dodge	Ram 1500	5.9	1CRXA0360K11	TIER1	MDV4	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2706	2001	Dodge	Ram 1500	5.9	1CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2707	2001	Dodge	Ram 1500	5.9	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2708	2001	Dodge	Ram 1500	5.9	1CRXT05.95B8	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2709	2001	Dodge	Ram 1500	5.9	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2710	2001	Dodge	Ram 1500	5.9	1CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2711	2001	Dodge	Ram 1500	5.9	1CRXA0360K11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2712	2001	Dodge	Ram 1500	5.9	1CRXT05.95B8	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2713	2001	Dodge	Ram 2500 Van	5.2	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451209	ALL
2714	2001	Dodge	Ram 2500 Van	5.2	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2715	2001	Dodge	Ram 2500 Van	5.9	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451209	ALL
2716	2001	Dodge	Ram 2500 Van	5.9	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2717	2001	Dodge	Ram 2500	5.9	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2718	2001	Dodge	Ram 2500	5.9	1CRXA0360K11	TIER1	MDV4	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2719	2001	Dodge	Ram 2500	5.9	1CRXA0360J18	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451285	ALL
2720	2001	Dodge	Ram 2500	5.9	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2721	2001	Dodge	Ram 2500	5.9	1CRXA0360J18	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2722	2001	Dodge	Ram 2500	5.9	1CRXA0360K11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2723	2001	Dodge	Ram 2500	8	1CRXA0488J18	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2724	2001	Dodge	Ram 2500	8	1CRXA0488J18	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2725	2001	Dodge	Ram 3500 Van	5.2	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451209	ALL
2726	2001	Dodge	Ram 3500 Van	5.2	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2727	2001	Dodge	Ram 3500 Van	5.9	1CRXA0360K11	TIER1	MDV4	S	TWC	1	1	U	DIRECT FIT	4451209	ALL
2728	2001	Dodge	Ram 3500 Van	5.9	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451209	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2729	2001	Dodge	Ram 3500 Van	5.9	1CRXA0360K18	TIER1	MDV4	S	TWC	1	1	U	DIRECT FIT	4451209	2WD
2730	2001	Dodge	Ram 3500 Van	5.9	1CRXA0360K18	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2731	2001	Dodge	Ram 3500 Van	5.9	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2732	2001	Dodge	Ram 3500 Van	5.9	1CRXA0360K11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2733	2001	Dodge	Ram 3500	5.9	1CRXA0360K18	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2734	2001	Dodge	Ram 3500	5.9	1CRXA0360K11	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2735	2001	Dodge	Ram 3500	5.9	1CRXA0360J18	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2736	2001	Dodge	Ram 3500	5.9	1CRXA0360J11	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
2737	2001	Dodge	Ram 3500	8	1CRXA0488J18	TIER1	MDV4	S	TWC	1	1	UL	UNIVERSAL	4451335	ALL
2738	2001	Dodge	Ram 3500	8	1CRXA0488K18	TIER1	MDV4	S	TWC	1	1	UL	UNIVERSAL	4451335	ALL
2739	2001	Dodge	Ram 3500	8	1CRXA0488J18	TIER1	MDV4	S	TWC	1	1	UL	UNIVERSAL	4451336	ALL
2740	2001	Dodge	Ram 3500	8	1CRXA0488K18	TIER1	MDV4	S	TWC	1	1	UL	UNIVERSAL	4451336	ALL
2741	2001	Dodge	Ram 3500	8	1CRXA0488J18	TIER1	MDV4	S	TWC	1	1	UR	UNIVERSAL	4451335	ALL
2742	2001	Dodge	Ram 3500	8	1CRXA0488K18	TIER1	MDV4	S	TWC	1	1	UR	UNIVERSAL	4451335	ALL
2743	2001	Dodge	Ram 3500	8	1CRXA0488K18	TIER1	MDV4	S	TWC	1	1	UR	UNIVERSAL	4451336	ALL
2744	2001	Dodge	Ram 3500	8	1CRXA0488J18	TIER1	MDV4	S	TWC	1	1	UR	UNIVERSAL	4451336	ALL
2745	2001	Dodge	Ram 3500	8	1CRXA0488K18	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
2746	2001	Dodge	Ram 3500	8	1CRXA0488J18	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
2747	2001	Dodge	Ram 3500	8	1CRXA0488J18	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
2748	2001	Dodge	Ram 3500	8	1CRXA0488K18	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
2749	2002	Dodge	Caravan	2.4	2CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451201	ALL
2750	2002	Dodge	Caravan	2.4	2CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2751	2002	Dodge	Caravan	2.4	2CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2752	2002	Dodge	Caravan	2.4	2CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2753	2002	Dodge	Caravan	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2754	2002	Dodge	Caravan	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2755	2002	Dodge	Caravan	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2756	2002	Dodge	Caravan	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2757	2002	Dodge	Caravan	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2758	2002	Dodge	Caravan	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2759	2002	Dodge	Caravan	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2760	2002	Dodge	Caravan	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2761	2002	Dodge	Caravan	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2762	2002	Dodge	Caravan	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2763	2002	Dodge	Caravan	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2764	2002	Dodge	Caravan	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2765	2002	Dodge	Grand Caravan	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2766	2002	Dodge	Grand Caravan	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2767	2002	Dodge	Grand Caravan	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2768	2002	Dodge	Grand Caravan	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2769	2002	Dodge	Grand Caravan	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2770	2002	Dodge	Grand Caravan	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2771	2002	Dodge	Grand Caravan	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2772	2002	Dodge	Grand Caravan	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2773	2002	Dodge	Grand Caravan	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2774	2002	Dodge	Grand Caravan	3.3	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2775	2002	Dodge	Grand Caravan	3.3	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2776	2002	Dodge	Grand Caravan	3.3	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2777	2002	Dodge	Grand Caravan	3.8	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2778	2002	Dodge	Grand Caravan	3.8	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	2WD
2779	2002	Dodge	Grand Caravan	3.8	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	2WD
2780	2002	Dodge	Grand Caravan	3.8	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451204	4WD
2781	2002	Dodge	Grand Caravan	3.8	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451204	4WD
2782	2002	Dodge	Grand Caravan	3.8	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2783	2002	Dodge	Grand Caravan	3.8	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2784	2002	Dodge	Grand Caravan	3.8	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2785	2002	Dodge	Grand Caravan	3.8	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2786	2002	Dodge	Grand Caravan	3.8	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2787	2002	Dodge	Grand Caravan	3.8	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2788	2002	Dodge	Grand Caravan	3.8	2CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2789	2002	Dodge	Grand Caravan	3.8	2CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2790	2002	Dodge	Grand Caravan	3.8	2CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2791	2002	Dodge	Ram 1500 Van	3.9	2CRXT03.95B0	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451209	2WD
2792	2002	Dodge	Ram 1500 Van	3.9	2CRXT03.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2793	2002	Dodge	Ram 1500 Van	3.9	2CRXT03.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2794	2002	Dodge	Ram 1500 Van	5.2	2CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451209	2WD
2795	2002	Dodge	Ram 1500 Van	5.2	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451209	ALL
2796	2002	Dodge	Ram 1500 Van	5.2	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2797	2002	Dodge	Ram 1500 Van	5.2	2CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2798	2002	Dodge	Ram 1500 Van	5.2	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2799	2002	Dodge	Ram 1500 Van	5.2	2CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2800	2002	Dodge	Ram 1500 Van	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451209	2WD
2801	2002	Dodge	Ram 1500 Van	5.9	2CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451209	2WD
2802	2002	Dodge	Ram 1500 Van	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2803	2002	Dodge	Ram 1500 Van	5.9	2CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2804	2002	Dodge	Ram 1500 Van	5.9	2CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2805	2002	Dodge	Ram 1500 Van	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2806	2002	Dodge	Ram 1500	3.7	2CRXT03.75B0	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451214	ALL
2807	2002	Dodge	Ram 1500	3.7	2CRXT03.75B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
2808	2002	Dodge	Ram 1500	3.7	2CRXT03.75B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
2809	2002	Dodge	Ram 1500	5.9	2CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2810	2002	Dodge	Ram 1500	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2811	2002	Dodge	Ram 1500	5.9	2CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2812	2002	Dodge	Ram 1500	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2813	2002	Dodge	Ram 2500 Van	5.2	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451209	2WD
2814	2002	Dodge	Ram 2500 Van	5.2	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2815	2002	Dodge	Ram 2500 Van	5.2	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2816	2002	Dodge	Ram 2500 Van	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451209	2WD

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2817	2002	Dodge	Ram 2500 Van	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2818	2002	Dodge	Ram 2500 Van	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2819	2002	Dodge	Ram 2500	5.9	2CRXA0360K10	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2820	2002	Dodge	Ram 2500	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2821	2002	Dodge	Ram 2500	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2822	2002	Dodge	Ram 2500	5.9	2CRXA0360K10	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2823	2002	Dodge	Ram 2500	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451212	ALL
2824	2002	Dodge	Ram 2500	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
2825	2002	Dodge	Ram 2500	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
2826	2002	Dodge	Ram 2500	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451213	ALL
2827	2002	Dodge	Ram 2500	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
2828	2002	Dodge	Ram 2500	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
2829	2002	Dodge	Ram 3500 Van	5.2	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451209	2WD
2830	2002	Dodge	Ram 3500 Van	5.2	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2831	2002	Dodge	Ram 3500 Van	5.2	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2832	2002	Dodge	Ram 3500 Van	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451209	2WD
2833	2002	Dodge	Ram 3500 Van	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2834	2002	Dodge	Ram 3500 Van	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2835	2002	Dodge	Ram 3500	5.9	2CRXA0360K10	TIER1	MDV4	S	TWC	1	1	U	DIRECT FIT	4451210	ALL
2836	2002	Dodge	Ram 3500	5.9	2CRXA0360K10	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2837	2002	Dodge	Ram 3500	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2838	2002	Dodge	Ram 3500	5.9	2CRXA0360J10	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2839	2002	Dodge	Ram 3500	5.9	2CRXA0360K10	TIER1	MDV4	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2840	2002	Dodge	Ram 3500	8	2CRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UL	DIRECT FIT	4451212	ALL
2841	2002	Dodge	Ram 3500	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451212	ALL
2842	2002	Dodge	Ram 3500	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
2843	2002	Dodge	Ram 3500	8	2CRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
2844	2002	Dodge	Ram 3500	8	2CRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
2845	2002	Dodge	Ram 3500	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
2846	2002	Dodge	Ram 3500	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451213	ALL
2847	2002	Dodge	Ram 3500	8	2CRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UR	DIRECT FIT	4451213	ALL
2848	2002	Dodge	Ram 3500	8	2CRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
2849	2002	Dodge	Ram 3500	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
2850	2002	Dodge	Ram 3500	8	2CRXA0488K11	TIER1	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
2851	2002	Dodge	Ram 3500	8	2CRXA0488J11	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
2852	2003	Dodge	Caravan	2.4	3CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451201	ALL
2853	2003	Dodge	Caravan	2.4	3CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2854	2003	Dodge	Caravan	2.4	3CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2855	2003	Dodge	Caravan	2.4	3CRXT02.42D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2856	2003	Dodge	Caravan	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2857	2003	Dodge	Caravan	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2858	2003	Dodge	Caravan	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2859	2003	Dodge	Caravan	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	ALL
2860	2003	Dodge	Caravan	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	2WD

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2861	2003	Dodge	Caravan	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2862	2003	Dodge	Caravan	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	2WD
2863	2003	Dodge	Caravan	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	2WD
2864	2003	Dodge	Caravan	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	4WD
2865	2003	Dodge	Caravan	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	4WD
2866	2003	Dodge	Caravan	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	4WD
2867	2003	Dodge	Caravan	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	4WD
2868	2003	Dodge	Caravan	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	2WD
2869	2003	Dodge	Caravan	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	2WD
2870	2003	Dodge	Caravan	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	4WD
2871	2003	Dodge	Caravan	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2872	2003	Dodge	Dakota	3.9	3CRXT03.95B1	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2873	2003	Dodge	Dakota	3.9	3CRXT03.95B1	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2874	2003	Dodge	Grand Caravan	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	2WD
2875	2003	Dodge	Grand Caravan	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	4WD
2876	2003	Dodge	Grand Caravan	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	2WD
2877	2003	Dodge	Grand Caravan	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451202	4WD
2878	2003	Dodge	Grand Caravan	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
2879	2003	Dodge	Grand Caravan	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	2WD
2880	2003	Dodge	Grand Caravan	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	2WD
2881	2003	Dodge	Grand Caravan	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	2WD
2882	2003	Dodge	Grand Caravan	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2883	2003	Dodge	Grand Caravan	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2884	2003	Dodge	Grand Caravan	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2885	2003	Dodge	Grand Caravan	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2886	2003	Dodge	Grand Caravan	3.3	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2887	2003	Dodge	Grand Caravan	3.3	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2888	2003	Dodge	Grand Caravan	3.3	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2889	2003	Dodge	Grand Caravan	3.3	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2890	2003	Dodge	Grand Caravan	3.8	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451204	4WD
2891	2003	Dodge	Grand Caravan	3.8	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451204	4WD
2892	2003	Dodge	Grand Caravan	3.8	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451204	4WD
2893	2003	Dodge	Grand Caravan	3.8	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451204	4WD
2894	2003	Dodge	Grand Caravan	3.8	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	2WD
2895	2003	Dodge	Grand Caravan	3.8	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	4WD
2896	2003	Dodge	Grand Caravan	3.8	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	4WD
2897	2003	Dodge	Grand Caravan	3.8	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	2WD
2898	2003	Dodge	Grand Caravan	3.8	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	2WD
2899	2003	Dodge	Grand Caravan	3.8	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2900	2003	Dodge	Grand Caravan	3.8	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2901	2003	Dodge	Grand Caravan	3.8	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
2902	2003	Dodge	Grand Caravan	3.8	3CRXT03.82D0	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2903	2003	Dodge	Grand Caravan	3.8	3CRXT03.32DP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2904	2003	Dodge	Grand Caravan	3.8	3CRXT03.82D1	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2905	2003	Dodge	Grand Caravan	3.8	3CRXT03.32DR	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
2906	2003	Dodge	Ram 1500 Van	3.9	3CRXT03.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	2WD
2907	2003	Dodge	Ram 1500 Van	3.9	3CRXT03.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2908	2003	Dodge	Ram 1500 Van	5.2	3CRXT05.96B0	TIER1	MDV3	S	2TWC	2	2	U	UNIVERSAL	4451305	ALL
2909	2003	Dodge	Ram 1500 Van	5.2	3CRXT05.96B0	TIER1	MDV3	S	2TWC	2	2	U	UNIVERSAL	4451306	ALL
2910	2003	Dodge	Ram 1500 Van	5.9	3CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
2911	2003	Dodge	Ram 1500 Van	5.9	3CRXT05.96B0	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
2912	2003	Dodge	Ram 1500	3.7	3CRXT03.75B0	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451214	4WD
2913	2003	Dodge	Ram 1500	3.7	3CRXT03.75B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451335	2WD
2914	2003	Dodge	Ram 1500	3.7	3CRXT03.75B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451336	4WD
2915	2003	Dodge	Ram 1500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
2916	2003	Dodge	Ram 1500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	4WD
2917	2003	Dodge	Ram 1500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
2918	2003	Dodge	Ram 1500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
2919	2003	Dodge	Ram 1500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	4WD
2920	2003	Dodge	Ram 1500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
2921	2003	Dodge	Ram 1500	5.9	3CRXT05.96B0	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2922	2003	Dodge	Ram 1500	5.9	3CRXT05.96B0	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2923	2003	Dodge	Ram 1500	5.9	3CRXT05.96B1	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
2924	2003	Dodge	Ram 1500	5.9	3CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
2925	2003	Dodge	Ram 2500 Van	5.9	3CRXT05.96B0	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
2926	2003	Dodge	Ram 2500 Van	5.9	3CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
2927	2003	Dodge	Ram 2500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
2928	2003	Dodge	Ram 2500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
2929	2003	Dodge	Ram 2500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
2930	2003	Dodge	Ram 2500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
2931	2003	Dodge	Ram 2500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
2932	2003	Dodge	Ram 2500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
2933	2003	Dodge	Ram 2500	5.9	3CRXT05.96B0	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2934	2003	Dodge	Ram 2500	5.9	3CRXT05.96B0	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	2WD
2935	2003	Dodge	Ram 2500	5.9	3CRXT05.96B1	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
2936	2003	Dodge	Ram 2500	5.9	3CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
2937	2003	Dodge	Ram 3500 Van	5.9	3CRXT05.96B0	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
2938	2003	Dodge	Ram 3500 Van	5.9	3CRXT05.95B0	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	2WD
2939	2003	Dodge	Ram 3500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
2940	2003	Dodge	Ram 3500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
2941	2003	Dodge	Ram 3500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
2942	2003	Dodge	Ram 3500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
2943	2003	Dodge	Ram 3500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
2944	2003	Dodge	Ram 3500	5.7	3CRXT05.96B1	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
2945	2003	Dodge	Ram 3500	5.9	3CRXT05.96B0	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
2946	2003	Dodge	Ram 3500	5.9	3CRXT05.96B0	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
2947	2003	Dodge	Ram 3500	5.9	3CRXT05.95B1	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
2948	2003	Dodge	Ram 3500	5.9	3CRXT05.96B1	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
2949	2004	Dodge	Ram 1500	8.3	4CRXT08.35T0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
2950	2004	Dodge	Ram 1500	8.3	4CRXT08.35T0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
2951	2004	Dodge	Ram 1500	8.3	4CRXT08.35T0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
2952	2004	Dodge	Ram 1500	8.3	4CRXT08.35T0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
2953	2004	Dodge	Ram 2500	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
2954	2004	Dodge	Ram 2500	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
2955	2004	Dodge	Ram 2500	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
2956	2004	Dodge	Ram 2500	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
2957	2004	Dodge	Ram 2500	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
2958	2004	Dodge	Ram 2500	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
2959	2004	Dodge	Ram 3500	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
2960	2004	Dodge	Ram 3500	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
2961	2004	Dodge	Ram 3500	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
2962	2004	Dodge	Ram 3500	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
2963	2004	Dodge	Ram 3500	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
2964	2004	Dodge	Ram 3500	5.7	4CRXT05.77X0	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
2965	2005	Dodge	Dakota	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
2966	2005	Dodge	Dakota	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2967	2005	Dodge	Dakota	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2968	2005	Dodge	Dakota	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
2969	2005	Dodge	Dakota	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
2970	2005	Dodge	Dakota	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
2971	2005	Dodge	Dakota	4.7	5CRXT04.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
2972	2005	Dodge	Dakota	4.7	5CRXT04.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2973	2005	Dodge	Dakota	4.7	5CRXT04.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2974	2005	Dodge	Dakota	4.7	5CRXT04.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
2975	2005	Dodge	Dakota	4.7	5CRXT04.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
2976	2005	Dodge	Dakota	4.7	5CRXT04.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
2977	2005	Dodge	Durango	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
2978	2005	Dodge	Durango	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2979	2005	Dodge	Durango	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2980	2005	Dodge	Durango	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
2981	2005	Dodge	Durango	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
2982	2005	Dodge	Durango	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
2983	2005	Dodge	Ram 1500	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
2984	2005	Dodge	Ram 1500	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2985	2005	Dodge	Ram 1500	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2986	2005	Dodge	Ram 1500	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
2987	2005	Dodge	Ram 1500	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
2988	2005	Dodge	Ram 1500	3.7	5CRXT03.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
2989	2005	Dodge	Ram 1500	4.7	5CRXT04.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
2990	2005	Dodge	Ram 1500	4.7	5CRXT04.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
2991	2005	Dodge	Ram 1500	4.7	5CRXT04.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
2992	2005	Dodge	Ram 1500	4.7	5CRXT04.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
2993	2005	Dodge	Ram 1500	4.7	5CRXT04.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
2994	2005	Dodge	Ram 1500	4.7	5CRXT04.75S0	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
2995	2005	Dodge	Ram 2500	5.7	5CRXK05.7TX0	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
2996	2005	Dodge	Ram 2500	5.7	5CRXK05.7TX0	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
2997	2005	Dodge	Ram 2500	5.7	5CRXK05.7TX0	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
2998	2005	Dodge	Ram 2500	5.7	5CRXK05.7TX0	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
2999	2005	Dodge	Ram 3500	5.7	5CRXK05.7TX0	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3000	2005	Dodge	Ram 3500	5.7	5CRXK05.7TX0	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3001	2005	Dodge	Ram 3500	5.7	5CRXK05.7TX0	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3002	2005	Dodge	Ram 3500	5.7	5CRXK05.7TX0	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3003	2006	Dodge	Dakota	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
3004	2006	Dodge	Dakota	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
3005	2006	Dodge	Dakota	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
3006	2006	Dodge	Dakota	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
3007	2006	Dodge	Dakota	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
3008	2006	Dodge	Dakota	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
3009	2006	Dodge	Dakota	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
3010	2006	Dodge	Dakota	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
3011	2006	Dodge	Dakota	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
3012	2006	Dodge	Dakota	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
3013	2006	Dodge	Dakota	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
3014	2006	Dodge	Dakota	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
3015	2006	Dodge	Durango	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
3016	2006	Dodge	Durango	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
3017	2006	Dodge	Durango	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
3018	2006	Dodge	Durango	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
3019	2006	Dodge	Durango	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
3020	2006	Dodge	Durango	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
3021	2006	Dodge	Durango	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
3022	2006	Dodge	Durango	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
3023	2006	Dodge	Durango	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
3024	2006	Dodge	Durango	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
3025	2006	Dodge	Durango	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
3026	2006	Dodge	Durango	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
3027	2006	Dodge	Ram 1500	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
3028	2006	Dodge	Ram 1500	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
3029	2006	Dodge	Ram 1500	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
3030	2006	Dodge	Ram 1500	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
3031	2006	Dodge	Ram 1500	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
3032	2006	Dodge	Ram 1500	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
3033	2006	Dodge	Ram 1500	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
3034	2006	Dodge	Ram 1500	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
3035	2006	Dodge	Ram 1500	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
3036	2006	Dodge	Ram 1500	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3037	2006	Dodge	Ram 1500	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
3038	2006	Dodge	Ram 1500	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
3039	1995	Ford	Windstar	3	SFM3.028G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	U	DIRECT FIT	4451381	ALL
3040	1995	Ford	Windstar	3	SFM3.028G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3041	1995	Ford	Windstar	3	SFM3.028G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3042	1995	Ford	Windstar	3	SFM3.028G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3043	1995	Ford	Windstar	3	SFM3.028G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3044	1995	Ford	Windstar	3.8	SFM3.828G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	U	DIRECT FIT	4451353	ALL
3045	1995	Ford	Windstar	3.8	SFM3.828G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3046	1995	Ford	Windstar	3.8	SFM3.828G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3047	1995	Ford	Windstar	3.8	SFM3.828G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	4WD
3048	1995	Ford	Windstar	3.8	SFM3.828G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	4WD
3049	1996	Ford	E-250 Econoline	4.9	TFM4.958GFJK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	4WD
3050	1996	Ford	E-250 Econoline	4.9	TFM4.958GFJK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
3051	1996	Ford	E-250 Econoline	4.9	TFM4.958GFJK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
3052	1996	Ford	E-350 Econoline Club Wagon	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3053	1996	Ford	E-350 Econoline	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3054	1996	Ford	F-250	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3055	1996	Ford	F-350	7.5	TFM7.5J8G1CK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3056	1996	Ford	Windstar	3	TFM3.028G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	U	DIRECT FIT	4451381	ALL
3057	1996	Ford	Windstar	3	TFM3.028G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3058	1996	Ford	Windstar	3	TFM3.028G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3059	1996	Ford	Windstar	3	TFM3.028G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3060	1996	Ford	Windstar	3	TFM3.028G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3061	1996	Ford	Windstar	3.8	TFM3.828G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	U	DIRECT FIT	4451353	ALL
3062	1996	Ford	Windstar	3.8	TFM3.828G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3063	1996	Ford	Windstar	3.8	TFM3.828G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3064	1996	Ford	Windstar	3.8	TFM3.828G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3065	1996	Ford	Windstar	3.8	TFM3.828G1EK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3066	1997	Ford	E-150 Econoline Club Wagon	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3067	1997	Ford	E-150 Econoline	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3068	1997	Ford	E-250 Econoline	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3069	1997	Ford	E-350 Econoline Club Wagon	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3070	1997	Ford	E-350 Econoline Club Wagon	6.8	VFM6.8J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3071	1997	Ford	E-350 Econoline	5.4	VFM5.4J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3072	1997	Ford	E-350 Econoline	6.8	VFM6.8J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3073	1997	Ford	Explorer	4	VFM4.028G2HK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3074	1997	Ford	Explorer	4	VFM4.028G2HK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3075	1997	Ford	Explorer	4	VFM4.028G2HK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3076	1997	Ford	Explorer	4	VFM4.028G2HK	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451315	ALL
3077	1997	Ford	Explorer	4	VFM4.028G2HK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3078	1997	Ford	Explorer	4	VFM4.028G2HK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3079	1997	Ford	Explorer	4	VFM4.028G2HK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3080	1997	Ford	Explorer	4	VFM4.028G2HK	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451314	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3081	1997	Ford	F-250 HD	7.5	VFM7.5J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3082	1997	Ford	F-350	7.5	VFM7.5J8G1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3083	1997	Ford	Windstar	3	VFM3.028G1EK	TIER1	LDT2	D	2TWC	2	2	U	DIRECT FIT	4451342	ALL
3084	1997	Ford	Windstar	3.8	VFM3.828G1EK	TIER1	LDT2	D	2TWC	2	2	U	DIRECT FIT	4451353	ALL
3085	1998	Ford	E-150 Econoline Club Wagon	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3086	1998	Ford	E-150 Econoline	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3087	1998	Ford	E-250 Econoline	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3088	1998	Ford	E-350 Econoline Club Wagon	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3089	1998	Ford	E-350 Econoline	5.4	WFMXA05.4JBP	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3090	1998	Ford	Explorer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3091	1998	Ford	Explorer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3092	1998	Ford	Explorer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3093	1998	Ford	Explorer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451315	ALL
3094	1998	Ford	Explorer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3095	1998	Ford	Explorer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3096	1998	Ford	Explorer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3097	1998	Ford	Explorer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451314	ALL
3098	1998	Ford	Windstar	3	WFMXT03.0CAA	LEV1 LEV	LDT2	D	2TWC	2	2	U	DIRECT FIT	4451342	ALL
3099	1998	Ford	Windstar	3	WFMXT03.0AAA	TLEV	LDT2	D	2TWC	2	2	U	DIRECT FIT	4451342	ALL
3100	1998	Ford	Windstar	3.8	WFMXT03.8AAB	LEV1 LEV	LDT2	D	2TWC	2	2	U	DIRECT FIT	4451382	ALL
3101	1998	Ford	Windstar	3.8	WFMXT03.8AAA	LEV1 LEV	LDT2	D	2TWC	2	2	U	DIRECT FIT	4451382	ALL
3102	1999	Ford	E-150 Econoline Club Wagon	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3103	1999	Ford	E-150 Econoline	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3104	1999	Ford	E-250 Econoline	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3105	1999	Ford	E-350 Econoline Club Wagon	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3106	1999	Ford	E-350 Econoline Club Wagon	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3107	1999	Ford	Explorer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3108	1999	Ford	Explorer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3109	1999	Ford	Explorer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3110	1999	Ford	Explorer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451315	ALL
3111	1999	Ford	Explorer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3112	1999	Ford	Explorer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3113	1999	Ford	Explorer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3114	1999	Ford	Explorer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451314	ALL
3115	1999	Ford	F-250 Super Duty	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3116	1999	Ford	F-250 Super Duty	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3117	1999	Ford	F-250	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3118	1999	Ford	F-350 Super Duty	5.4	XFMXA05.4JBN	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3119	1999	Ford	F-350 Super Duty	6.8	XFMXA06.8JBC	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3120	1999	Ford	Windstar	3	XFMXT03.02GC	LEV1 LEV	LDT2	D	2TWC	2	2	U	DIRECT FIT	4451543	ALL
3121	2000	Ford	Excursion	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3122	2000	Ford	Excursion	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3123	2000	Ford	Explorer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3124	2000	Ford	Explorer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3125	2000	Ford	Explorer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3126	2000	Ford	Explorer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3127	2000	Ford	Explorer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3128	2000	Ford	Explorer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3129	2000	Ford	Explorer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3130	2000	Ford	Explorer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3131	2000	Ford	Explorer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3132	2000	Ford	Explorer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451315	ALL
3133	2000	Ford	Explorer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451315	ALL
3134	2000	Ford	Explorer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451315	ALL
3135	2000	Ford	Explorer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3136	2000	Ford	Explorer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3137	2000	Ford	Explorer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3138	2000	Ford	Explorer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3139	2000	Ford	Explorer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3140	2000	Ford	Explorer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3141	2000	Ford	Explorer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3142	2000	Ford	Explorer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3143	2000	Ford	Explorer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3144	2000	Ford	Explorer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451314	ALL
3145	2000	Ford	Explorer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451314	ALL
3146	2000	Ford	Explorer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451314	ALL
3147	2000	Ford	F-250 Super Duty	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3148	2000	Ford	F-250 Super Duty	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3149	2000	Ford	F-350 Super Duty	5.4	YFMXA05.4JGP	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3150	2000	Ford	F-350 Super Duty	6.8	YFMXA06.8JGN	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3151	2000	Ford	Windstar	3	YFMXT03.02F5	LEV1 LEV	LDT2	D	2TWC	2	2	U	DIRECT FIT	4451543	ALL
3152	2001	Ford	Excursion	5.4	1FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3153	2001	Ford	Excursion	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3154	2001	Ford	F-250 Super Duty	5.4	1FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3155	2001	Ford	F-250 Super Duty	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3156	2001	Ford	F-350 Super Duty	5.4	1FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3157	2001	Ford	F-350 Super Duty	6.8	1FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3158	2002	Ford	Excursion	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3159	2002	Ford	Excursion	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3160	2002	Ford	F-250 Super Duty	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3161	2002	Ford	F-250 Super Duty	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3162	2002	Ford	F-350 Super Duty	5.4	2FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3163	2002	Ford	F-350 Super Duty	6.8	2FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3164	2003	Ford	Excursion	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3165	2003	Ford	Excursion	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3166	2003	Ford	F-250 Super Duty	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3167	2003	Ford	F-250 Super Duty	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3168	2003	Ford	F-350 Super Duty	5.4	3FMXA05.4JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3169	2003	Ford	F-350 Super Duty	6.8	3FMXA06.8JFC	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3170	2004	Ford	Excursion	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3171	2004	Ford	Excursion	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3172	2004	Ford	F-250 Super Duty	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3173	2004	Ford	F-250 Super Duty	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3174	2004	Ford	F-350 Super Duty	5.4	4FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3175	2004	Ford	F-350 Super Duty	6.8	4FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3176	2005	Ford	Excursion	5.4	5FMXT05.4SQ2	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3177	2005	Ford	Excursion	6.8	5FMXT06.8TQ3	LEV1 LEV	MDV3	S	TWC	1	1	U	UNIVERSAL	4451300	ALL
3178	2005	Ford	F-250 Super Duty	5.4	5FMXK05.4SF5	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3179	2005	Ford	F-250 Super Duty	5.4	5FMXK05.4SF5	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3180	2005	Ford	F-250 Super Duty	5.4	5FMXK05.4SF5	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3181	2005	Ford	F-250 Super Duty	5.4	5FMXK05.4SF5	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3182	2005	Ford	F-250 Super Duty	6.8	5FMXK06.8SF2	LEV1 LEV	MDV4	D	2TWC	2	2	U	DIRECT FIT	4451631	ALL
3183	2005	Ford	F-250 Super Duty	6.8	5FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3184	2005	Ford	F-250 Super Duty	6.8	5FMXK06.8SF2	LEV1 LEV	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3185	2005	Ford	F-250 Super Duty	6.8	5FMXK06.8SF2	LEV1 LEV	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3186	2005	Ford	F-250 Super Duty	6.8	5FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3187	2005	Ford	F-250 Super Duty	6.8	5FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3188	2005	Ford	F-250 Super Duty	6.8	5FMXK06.8SF2	LEV1 LEV	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3189	2005	Ford	F-250 Super Duty	6.8	5FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3190	2005	Ford	F-250 Super Duty	6.8	5FMXK06.8SF2	LEV1 LEV	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3191	2005	Ford	F-350 Super Duty	5.4	5FMXK05.4LFD	LEV1 LEV	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3192	2005	Ford	F-350 Super Duty	5.4	5FMXK05.4SF5	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3193	2005	Ford	F-350 Super Duty	5.4	5FMXK05.4SF5	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3194	2005	Ford	F-350 Super Duty	5.4	5FMXK05.4LFD	LEV1 LEV	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3195	2005	Ford	F-350 Super Duty	5.4	5FMXK05.4SF5	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3196	2005	Ford	F-350 Super Duty	5.4	5FMXK05.4LFD	LEV1 LEV	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3197	2005	Ford	F-350 Super Duty	5.4	5FMXK05.4SF5	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3198	2005	Ford	F-350 Super Duty	5.4	5FMXK05.4LFD	LEV1 LEV	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3199	2005	Ford	F-350 Super Duty	6.8	5FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3200	2005	Ford	F-350 Super Duty	6.8	5FMXK06.8SF2	LEV1 LEV	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3201	2005	Ford	F-350 Super Duty	6.8	5FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3202	2005	Ford	F-350 Super Duty	6.8	5FMXK06.8SF2	LEV1 LEV	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3203	2005	Ford	F-350 Super Duty	6.8	5FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3204	2005	Ford	F-350 Super Duty	6.8	5FMXK06.8SF2	LEV1 LEV	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3205	2005	Ford	F-350 Super Duty	6.8	5FMXK06.8SF2	LEV1 LEV	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3206	2005	Ford	F-350 Super Duty	6.8	5FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3207	2006	Ford	F-250 Super Duty	6.8	6FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3208	2006	Ford	F-250 Super Duty	6.8	6FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3209	2006	Ford	F-250 Super Duty	6.8	6FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3210	2006	Ford	F-250 Super Duty	6.8	6FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3211	2006	Ford	F-350 Super Duty	5.4	6FMXK05.4LFD	LEV1 LEV	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3212	2006	Ford	F-350 Super Duty	5.4	6FMXK05.4LFD	LEV1 LEV	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
3213	2006	Ford	F-350 Super Duty	5.4	6FMXK05.4LFD	LEV1 LEV	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3214	2006	Ford	F-350 Super Duty	5.4	6FMXK05.4LFD	LEV1 LEV	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3215	2006	Ford	F-350 Super Duty	6.8	6FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3216	2006	Ford	F-350 Super Duty	6.8	6FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3217	2006	Ford	F-350 Super Duty	6.8	6FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3218	2006	Ford	F-350 Super Duty	6.8	6FMXK06.8RF2	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3219	1995	GMC	Jimmy	4.3	S3G4.329GFGJ	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
3220	1995	GMC	Jimmy	4.3	S3G4.329GFGJ	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
3221	1995	GMC	Sonoma	4.3	S3G4.329GFGJ	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
3222	1995	GMC	Sonoma	4.3	S3G4.329GFGJ	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
3223	1996	GMC	C1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3224	1996	GMC	C1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3225	1996	GMC	C1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3226	1996	GMC	C1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3227	1996	GMC	C1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3228	1996	GMC	C1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3229	1996	GMC	C1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3230	1996	GMC	C1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3231	1996	GMC	C1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3232	1996	GMC	C1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3233	1996	GMC	C1500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3234	1996	GMC	C1500	4.3	TGM4.38PGBEK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3235	1996	GMC	C1500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
3236	1996	GMC	C1500	4.3	TGM4.38PGBEK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
3237	1996	GMC	C1500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3238	1996	GMC	C1500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3239	1996	GMC	C1500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
3240	1996	GMC	C1500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
3241	1996	GMC	C1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3242	1996	GMC	C1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3243	1996	GMC	C1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3244	1996	GMC	C1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3245	1996	GMC	C1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3246	1996	GMC	C2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3247	1996	GMC	C2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3248	1996	GMC	C2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3249	1996	GMC	C2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3250	1996	GMC	C2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3251	1996	GMC	C2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3252	1996	GMC	C2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3253	1996	GMC	C2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3254	1996	GMC	C2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3255	1996	GMC	C2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3256	1996	GMC	C2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3257	1996	GMC	C2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3258	1996	GMC	C2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3259	1996	GMC	C2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3260	1996	GMC	C2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3261	1996	GMC	C2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3262	1996	GMC	C2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3263	1996	GMC	C2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3264	1996	GMC	C2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3265	1996	GMC	C2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3266	1996	GMC	C2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3267	1996	GMC	C2500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3268	1996	GMC	C2500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3269	1996	GMC	C2500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
3270	1996	GMC	C2500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
3271	1996	GMC	C2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3272	1996	GMC	C2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3273	1996	GMC	C2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3274	1996	GMC	C2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3275	1996	GMC	C2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3276	1996	GMC	C2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3277	1996	GMC	C2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3278	1996	GMC	C2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3279	1996	GMC	C2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3280	1996	GMC	C2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3281	1996	GMC	C2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3282	1996	GMC	C2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3283	1996	GMC	C2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3284	1996	GMC	C2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3285	1996	GMC	C2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3286	1996	GMC	C2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3287	1996	GMC	C2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3288	1996	GMC	C2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3289	1996	GMC	C2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3290	1996	GMC	C2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3291	1996	GMC	C2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3292	1996	GMC	C3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
3293	1996	GMC	C3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
3294	1996	GMC	C3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3295	1996	GMC	C3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3296	1996	GMC	C3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3297	1996	GMC	C3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3298	1996	GMC	C3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3299	1996	GMC	C3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3300	1996	GMC	C3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3301	1996	GMC	C3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3302	1996	GMC	C3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
3303	1996	GMC	C3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3304	1996	GMC	C3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3305	1996	GMC	C3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3306	1996	GMC	C3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3307	1996	GMC	C3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3308	1996	GMC	C3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3309	1996	GMC	C3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3310	1996	GMC	C3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3311	1996	GMC	C3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3312	1996	GMC	G3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3313	1996	GMC	G3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3314	1996	GMC	G3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3315	1996	GMC	G3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3316	1996	GMC	G3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3317	1996	GMC	G3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3318	1996	GMC	G3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3319	1996	GMC	G3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3320	1996	GMC	G3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3321	1996	GMC	G3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
3322	1996	GMC	G3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
3323	1996	GMC	G3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451416	ALL
3324	1996	GMC	G3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
3325	1996	GMC	G3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451417	ALL
3326	1996	GMC	Jimmy	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
3327	1996	GMC	Jimmy	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
3328	1996	GMC	Jimmy	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451455	ALL
3329	1996	GMC	K1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3330	1996	GMC	K1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3331	1996	GMC	K1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3332	1996	GMC	K1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3333	1996	GMC	K1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3334	1996	GMC	K1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3335	1996	GMC	K1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3336	1996	GMC	K1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3337	1996	GMC	K1500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3338	1996	GMC	K1500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3339	1996	GMC	K1500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3340	1996	GMC	K1500	4.3	TGM4.38PGBEK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3341	1996	GMC	K1500	4.3	TGM4.38PGBEK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
3342	1996	GMC	K1500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
3343	1996	GMC	K1500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3344	1996	GMC	K1500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3345	1996	GMC	K1500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	4WD
3346	1996	GMC	K1500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	4WD
3347	1996	GMC	K1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3348	1996	GMC	K1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3349	1996	GMC	K1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3350	1996	GMC	K1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3351	1996	GMC	K1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3352	1996	GMC	K1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3353	1996	GMC	K1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3354	1996	GMC	K1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3355	1996	GMC	K1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3356	1996	GMC	K1500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3357	1996	GMC	K2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3358	1996	GMC	K2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3359	1996	GMC	K2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3360	1996	GMC	K2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3361	1996	GMC	K2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3362	1996	GMC	K2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3363	1996	GMC	K2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3364	1996	GMC	K2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3365	1996	GMC	K2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3366	1996	GMC	K2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3367	1996	GMC	K2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3368	1996	GMC	K2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3369	1996	GMC	K2500 Suburban	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3370	1996	GMC	K2500 Suburban	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3371	1996	GMC	K2500 Suburban	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3372	1996	GMC	K2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3373	1996	GMC	K2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3374	1996	GMC	K2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3375	1996	GMC	K2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3376	1996	GMC	K2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3377	1996	GMC	K2500 Suburban	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3378	1996	GMC	K2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3379	1996	GMC	K2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3380	1996	GMC	K2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3381	1996	GMC	K2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3382	1996	GMC	K2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3383	1996	GMC	K2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3384	1996	GMC	K2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3385	1996	GMC	K2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3386	1996	GMC	K2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3387	1996	GMC	K2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3388	1996	GMC	K2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
3389	1996	GMC	K2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3390	1996	GMC	K2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3391	1996	GMC	K2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3392	1996	GMC	K2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3393	1996	GMC	K2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3394	1996	GMC	K2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3395	1996	GMC	K2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3396	1996	GMC	K2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3397	1996	GMC	K2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3398	1996	GMC	K2500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3399	1996	GMC	K3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	4WD
3400	1996	GMC	K3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	4WD
3401	1996	GMC	K3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3402	1996	GMC	K3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3403	1996	GMC	K3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3404	1996	GMC	K3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3405	1996	GMC	K3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3406	1996	GMC	K3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3407	1996	GMC	K3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3408	1996	GMC	K3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3409	1996	GMC	K3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3410	1996	GMC	K3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3411	1996	GMC	K3500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3412	1996	GMC	K3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3413	1996	GMC	K3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3414	1996	GMC	K3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3415	1996	GMC	K3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3416	1996	GMC	K3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3417	1996	GMC	K3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3418	1996	GMC	K3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3419	1996	GMC	Safari	4.3	TGM4.32PGKEL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3420	1996	GMC	Safari	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3421	1996	GMC	Safari	4.3	TGM4.32PGKEL	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
3422	1996	GMC	Safari	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
3423	1996	GMC	Savana 1500	4.3	TGM4.38PGBEK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
3424	1996	GMC	Savana 1500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
3425	1996	GMC	Savana 1500	4.3	TGM4.38PGBEK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
3426	1996	GMC	Savana 1500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3427	1996	GMC	Savana 1500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
3428	1996	GMC	Savana 1500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
3429	1996	GMC	Savana 1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3430	1996	GMC	Savana 1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3431	1996	GMC	Savana 1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3432	1996	GMC	Savana 1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3433	1996	GMC	Savana 1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3434	1996	GMC	Savana 1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3435	1996	GMC	Savana 1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3436	1996	GMC	Savana 1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3437	1996	GMC	Savana 1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3438	1996	GMC	Savana 1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3439	1996	GMC	Savana 1500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
3440	1996	GMC	Savana 1500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
3441	1996	GMC	Savana 2500	4.3	TGM4.38PGBEK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
3442	1996	GMC	Savana 2500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
3443	1996	GMC	Savana 2500	4.3	TGM4.35PGFEK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
3444	1996	GMC	Savana 2500	4.3	TGM4.38PGBEK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
3445	1996	GMC	Savana 2500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3446	1996	GMC	Savana 2500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
3447	1996	GMC	Savana 2500	5	TGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
3448	1996	GMC	Savana 2500	5	TGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
3449	1996	GMC	Savana 2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3450	1996	GMC	Savana 2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3451	1996	GMC	Savana 2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3452	1996	GMC	Savana 2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3453	1996	GMC	Savana 2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3454	1996	GMC	Savana 2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3455	1996	GMC	Savana 2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3456	1996	GMC	Savana 2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3457	1996	GMC	Savana 2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3458	1996	GMC	Savana 2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3459	1996	GMC	Savana 2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3460	1996	GMC	Savana 2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3461	1996	GMC	Savana 2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3462	1996	GMC	Savana 2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3463	1996	GMC	Savana 2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3464	1996	GMC	Savana 2500	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
3465	1996	GMC	Savana 2500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
3466	1996	GMC	Savana 2500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
3467	1996	GMC	Savana 3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3468	1996	GMC	Savana 3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3469	1996	GMC	Savana 3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3470	1996	GMC	Savana 3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3471	1996	GMC	Savana 3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3472	1996	GMC	Savana 3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3473	1996	GMC	Savana 3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3474	1996	GMC	Savana 3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3475	1996	GMC	Savana 3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3476	1996	GMC	Savana 3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3477	1996	GMC	Savana 3500	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
3478	1996	GMC	Savana 3500	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
3479	1996	GMC	Savana 3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
3480	1996	GMC	Savana 3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451416	ALL
3481	1996	GMC	Savana 3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
3482	1996	GMC	Savana 3500	7.4	TGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451417	ALL
3483	1996	GMC	Sonoma	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
3484	1996	GMC	Sonoma	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
3485	1996	GMC	Sonoma	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451484	2WD
3486	1996	GMC	Sonoma	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451497	4WD
3487	1996	GMC	Yukon	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3488	1996	GMC	Yukon	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3489	1996	GMC	Yukon	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3490	1996	GMC	Yukon	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3491	1996	GMC	Yukon	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3492	1996	GMC	Yukon	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3493	1996	GMC	Yukon	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3494	1996	GMC	Yukon	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3495	1996	GMC	Yukon	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3496	1996	GMC	Yukon	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3497	1996	GMC	Yukon	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3498	1996	GMC	Yukon	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3499	1996	GMC	Yukon	5.7	TGM5.75PGFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3500	1996	GMC	Yukon	5.7	TGM5.76PGFEK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3501	1996	GMC	Yukon	5.7	TGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3502	1997	GMC	C1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3503	1997	GMC	C1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3504	1997	GMC	C1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3505	1997	GMC	C1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3506	1997	GMC	C1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3507	1997	GMC	C1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3508	1997	GMC	C1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3509	1997	GMC	C1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3510	1997	GMC	C1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3511	1997	GMC	C1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3512	1997	GMC	C1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3513	1997	GMC	C1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3514	1997	GMC	C1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3515	1997	GMC	C1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3516	1997	GMC	C1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3517	1997	GMC	C1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3518	1997	GMC	C1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
3519	1997	GMC	C1500	5	VGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3520	1997	GMC	C1500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
3521	1997	GMC	C1500	5	VGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
3522	1997	GMC	C1500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
3523	1997	GMC	C1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3524	1997	GMC	C1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3525	1997	GMC	C1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3526	1997	GMC	C1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3527	1997	GMC	C1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3528	1997	GMC	C1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3529	1997	GMC	C1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3530	1997	GMC	C1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3531	1997	GMC	C1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3532	1997	GMC	C1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3533	1997	GMC	C2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3534	1997	GMC	C2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3535	1997	GMC	C2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3536	1997	GMC	C2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3537	1997	GMC	C2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3538	1997	GMC	C2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3539	1997	GMC	C2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3540	1997	GMC	C2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3541	1997	GMC	C2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3542	1997	GMC	C2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3543	1997	GMC	C2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3544	1997	GMC	C2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3545	1997	GMC	C2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3546	1997	GMC	C2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3547	1997	GMC	C2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3548	1997	GMC	C2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3549	1997	GMC	C2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3550	1997	GMC	C2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3551	1997	GMC	C2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3552	1997	GMC	C2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3553	1997	GMC	C2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3554	1997	GMC	C2500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3555	1997	GMC	C2500	5	VGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3556	1997	GMC	C2500	5	VGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
3557	1997	GMC	C2500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	2WD
3558	1997	GMC	C2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3559	1997	GMC	C2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3560	1997	GMC	C2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3561	1997	GMC	C2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3562	1997	GMC	C2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3563	1997	GMC	C2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3564	1997	GMC	C2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3565	1997	GMC	C2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3566	1997	GMC	C2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3567	1997	GMC	C2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3568	1997	GMC	C2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3569	1997	GMC	C2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3570	1997	GMC	C2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3571	1997	GMC	C2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3572	1997	GMC	C2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3573	1997	GMC	C2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3574	1997	GMC	C2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3575	1997	GMC	C2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3576	1997	GMC	C2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3577	1997	GMC	C2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3578	1997	GMC	C2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3579	1997	GMC	C3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
3580	1997	GMC	C3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
3581	1997	GMC	C3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3582	1997	GMC	C3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3583	1997	GMC	C3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3584	1997	GMC	C3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3585	1997	GMC	C3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3586	1997	GMC	C3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3587	1997	GMC	C3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3588	1997	GMC	C3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3589	1997	GMC	C3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3590	1997	GMC	C3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3591	1997	GMC	C3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3592	1997	GMC	C3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3593	1997	GMC	C3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3594	1997	GMC	C3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3595	1997	GMC	C3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3596	1997	GMC	Jimmy	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
3597	1997	GMC	Jimmy	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
3598	1997	GMC	Jimmy	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451455	ALL
3599	1997	GMC	K1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3600	1997	GMC	K1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3601	1997	GMC	K1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3602	1997	GMC	K1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3603	1997	GMC	K1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3604	1997	GMC	K1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3605	1997	GMC	K1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3606	1997	GMC	K1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3607	1997	GMC	K1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3608	1997	GMC	K1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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	1997	GMC	K1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3610	1997	GMC	K1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3611	1997	GMC	K1500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3612	1997	GMC	K1500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3613	1997	GMC	K1500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3614	1997	GMC	K1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3615	1997	GMC	K1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
3616	1997	GMC	K1500	5	VGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3617	1997	GMC	K1500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3618	1997	GMC	K1500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	4WD
3619	1997	GMC	K1500	5	VGM5.0JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	4WD
3620	1997	GMC	K1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3621	1997	GMC	K1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3622	1997	GMC	K1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3623	1997	GMC	K1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3624	1997	GMC	K1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3625	1997	GMC	K1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3626	1997	GMC	K1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3627	1997	GMC	K1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3628	1997	GMC	K1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3629	1997	GMC	K1500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3630	1997	GMC	K2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3631	1997	GMC	K2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3632	1997	GMC	K2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3633	1997	GMC	K2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3634	1997	GMC	K2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3635	1997	GMC	K2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3636	1997	GMC	K2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3637	1997	GMC	K2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3638	1997	GMC	K2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3639	1997	GMC	K2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3640	1997	GMC	K2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3641	1997	GMC	K2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3642	1997	GMC	K2500 Suburban	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3643	1997	GMC	K2500 Suburban	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3644	1997	GMC	K2500 Suburban	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3645	1997	GMC	K2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3646	1997	GMC	K2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3647	1997	GMC	K2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3648	1997	GMC	K2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3649	1997	GMC	K2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3650	1997	GMC	K2500 Suburban	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3651	1997	GMC	K2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3652	1997	GMC	K2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3653	1997	GMC	K2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3654	1997	GMC	K2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3655	1997	GMC	K2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3656	1997	GMC	K2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3657	1997	GMC	K2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3658	1997	GMC	K2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3659	1997	GMC	K2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3660	1997	GMC	K2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3661	1997	GMC	K2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3662	1997	GMC	K2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3663	1997	GMC	K2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3664	1997	GMC	K2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3665	1997	GMC	K2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3666	1997	GMC	K2500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3667	1997	GMC	K3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
3668	1997	GMC	K3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
3669	1997	GMC	K3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3670	1997	GMC	K3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3671	1997	GMC	K3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3672	1997	GMC	K3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3673	1997	GMC	K3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3674	1997	GMC	K3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
3675	1997	GMC	K3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
3676	1997	GMC	K3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3677	1997	GMC	K3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
3678	1997	GMC	K3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3679	1997	GMC	K3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
3680	1997	GMC	K3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3681	1997	GMC	K3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
3682	1997	GMC	K3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3683	1997	GMC	K3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3684	1997	GMC	P3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
3685	1997	GMC	P3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
3686	1997	GMC	Safari	4.3	VGM4.3HPG3EK	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3687	1997	GMC	Safari	4.3	VGM4.32PG2EK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3688	1997	GMC	Safari	4.3	VGM4.3HPG3EK	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
3689	1997	GMC	Safari	4.3	VGM4.32PG2EK	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
3690	1997	GMC	Savana 1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3691	1997	GMC	Savana 1500	4.3	VGM4.3JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
3692	1997	GMC	Savana 1500	4.3	VGM4.3JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
3693	1997	GMC	Savana 1500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
3694	1997	GMC	Savana 1500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3695	1997	GMC	Savana 1500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	4WD
3696	1997	GMC	Savana 1500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	2WD

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3697	1997	GMC	Savana 1500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	4WD
3698	1997	GMC	Savana 1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3699	1997	GMC	Savana 1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3700	1997	GMC	Savana 1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3701	1997	GMC	Savana 1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3702	1997	GMC	Savana 1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3703	1997	GMC	Savana 1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3704	1997	GMC	Savana 1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3705	1997	GMC	Savana 1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3706	1997	GMC	Savana 1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3707	1997	GMC	Savana 1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3708	1997	GMC	Savana 1500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
3709	1997	GMC	Savana 1500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
3710	1997	GMC	Savana 2500	4.3	VGM4.3JPG1EK	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
3711	1997	GMC	Savana 2500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
3712	1997	GMC	Savana 2500	4.3	VGM4.3JPG1EK	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
3713	1997	GMC	Savana 2500	4.3	VGM4.3HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
3714	1997	GMC	Savana 2500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3715	1997	GMC	Savana 2500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
3716	1997	GMC	Savana 2500	5	VGM5.0HPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
3717	1997	GMC	Savana 2500	5	VGM5.0JPG1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
3718	1997	GMC	Savana 2500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	FL	UNIVERSAL	4451305	ALL
3719	1997	GMC	Savana 2500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	FL	UNIVERSAL	4451306	ALL
3720	1997	GMC	Savana 2500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	FR	UNIVERSAL	4451305	ALL
3721	1997	GMC	Savana 2500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	FR	UNIVERSAL	4451306	ALL
3722	1997	GMC	Savana 2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3723	1997	GMC	Savana 2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3724	1997	GMC	Savana 2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3725	1997	GMC	Savana 2500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3726	1997	GMC	Savana 2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3727	1997	GMC	Savana 2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3728	1997	GMC	Savana 2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3729	1997	GMC	Savana 2500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3730	1997	GMC	Savana 2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	2WD
3731	1997	GMC	Savana 2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3732	1997	GMC	Savana 2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3733	1997	GMC	Savana 2500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3734	1997	GMC	Savana 2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3735	1997	GMC	Savana 2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3736	1997	GMC	Savana 2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3737	1997	GMC	Savana 2500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
3738	1997	GMC	Savana 2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3739	1997	GMC	Savana 2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3740	1997	GMC	Savana 2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3741	1997	GMC	Savana 2500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	2WD
3742	1997	GMC	Savana 2500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	2WD
3743	1997	GMC	Savana 2500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	2WD
3744	1997	GMC	Savana 3500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	FL	UNIVERSAL	4451305	ALL
3745	1997	GMC	Savana 3500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	FL	UNIVERSAL	4451306	ALL
3746	1997	GMC	Savana 3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
3747	1997	GMC	Savana 3500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	FR	UNIVERSAL	4451305	4WD
3748	1997	GMC	Savana 3500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	FR	UNIVERSAL	4451306	2WD
3749	1997	GMC	Savana 3500	5.7	VGM5.7CPGAEA	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	4WD
3750	1997	GMC	Savana 3500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
3751	1997	GMC	Savana 3500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3752	1997	GMC	Savana 3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	4WD
3753	1997	GMC	Savana 3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3754	1997	GMC	Savana 3500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3755	1997	GMC	Savana 3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
3756	1997	GMC	Savana 3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	4WD
3757	1997	GMC	Savana 3500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3758	1997	GMC	Savana 3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3759	1997	GMC	Savana 3500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3760	1997	GMC	Savana 3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
3761	1997	GMC	Savana 3500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3762	1997	GMC	Savana 3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3763	1997	GMC	Savana 3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3764	1997	GMC	Savana 3500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3765	1997	GMC	Savana 3500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	4WD
3766	1997	GMC	Savana 3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	4WD
3767	1997	GMC	Savana 3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	4WD
3768	1997	GMC	Savana 3500	5.7	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	4WD
3769	1997	GMC	Savana 3500	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
3770	1997	GMC	Savana 3500	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
3771	1997	GMC	Savana 3500	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
3772	1997	GMC	Savana 3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	4WD
3773	1997	GMC	Savana 3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451416	4WD
3774	1997	GMC	Savana 3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	2WD
3775	1997	GMC	Savana 3500	7.4	VGM7.4J8G1EK	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451417	ALL
3776	1997	GMC	Sonoma	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
3777	1997	GMC	Sonoma	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
3778	1997	GMC	Sonoma	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451484	2WD
3779	1997	GMC	Sonoma	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451497	4WD
3780	1997	GMC	Yukon	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
3781	1997	GMC	Yukon	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
3782	1997	GMC	Yukon	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
3783	1997	GMC	Yukon	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3784	1997	GMC	Yukon	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
3785	1997	GMC	Yukon	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3786	1997	GMC	Yukon	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3787	1997	GMC	Yukon	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3788	1997	GMC	Yukon	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3789	1997	GMC	Yukon	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3790	1997	GMC	Yukon	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3791	1997	GMC	Yukon	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3792	1997	GMC	Yukon	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3793	1997	GMC	Yukon	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3794	1997	GMC	Yukon	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3795	1997	GMC	Yukon	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3796	1997	GMC	Yukon	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3797	1997	GMC	Yukon	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3798	1997	GMC	Yukon	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3799	1997	GMC	Yukon	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3800	1997	GMC	Yukon	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3801	1997	GMC	Yukon	5.7	VGM5.7JPG1EK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3802	1997	GMC	Yukon	5.7	VGM5.7HPG1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3803	1997	GMC	Yukon	5.7	VGM5.7JPG1GK	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3804	1998	GMC	C1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3805	1998	GMC	C1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3806	1998	GMC	C1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3807	1998	GMC	C1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3808	1998	GMC	C1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3809	1998	GMC	C1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3810	1998	GMC	C1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3811	1998	GMC	C1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3812	1998	GMC	C1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3813	1998	GMC	C1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3814	1998	GMC	C1500	4.3	WGMXA04.3190	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3815	1998	GMC	C1500	4.3	WGMXA04.3190	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
3816	1998	GMC	C1500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3817	1998	GMC	C1500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3818	1998	GMC	C1500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
3819	1998	GMC	C1500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
3820	1998	GMC	C1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3821	1998	GMC	C1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3822	1998	GMC	C1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3823	1998	GMC	C1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
3824	1998	GMC	C1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3825	1998	GMC	C1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
3826	1998	GMC	C1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
3827	1998	GMC	C1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
3828	1998	GMC	C1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
3829	1998	GMC	C1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
3830	1998	GMC	C1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
3831	1998	GMC	C1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
3832	1998	GMC	C1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
3833	1998	GMC	C1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
3834	1998	GMC	C1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
3835	1998	GMC	C2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
3836	1998	GMC	C2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
3837	1998	GMC	C2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
3838	1998	GMC	C2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
3839	1998	GMC	C2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3840	1998	GMC	C2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
3841	1998	GMC	C2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3842	1998	GMC	C2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3843	1998	GMC	C2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3844	1998	GMC	C2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3845	1998	GMC	C2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3846	1998	GMC	C2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3847	1998	GMC	C2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3848	1998	GMC	C2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3849	1998	GMC	C2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3850	1998	GMC	C2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3851	1998	GMC	C2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3852	1998	GMC	C2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3853	1998	GMC	C2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3854	1998	GMC	C2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3855	1998	GMC	C2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3856	1998	GMC	C2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3857	1998	GMC	C2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3858	1998	GMC	C2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3859	1998	GMC	C2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3860	1998	GMC	C2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3861	1998	GMC	C2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3862	1998	GMC	C2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3863	1998	GMC	C2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3864	1998	GMC	C2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3865	1998	GMC	C2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3866	1998	GMC	C2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3867	1998	GMC	C2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3868	1998	GMC	C2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3869	1998	GMC	C2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3870	1998	GMC	C2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3871	1998	GMC	C2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3872	1998	GMC	C2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3873	1998	GMC	C2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3874	1998	GMC	C2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3875	1998	GMC	C2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3876	1998	GMC	C2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3877	1998	GMC	C3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
3878	1998	GMC	C3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	2WD
3879	1998	GMC	C3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3880	1998	GMC	C3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
3881	1998	GMC	C3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3882	1998	GMC	C3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3883	1998	GMC	C3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3884	1998	GMC	C3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3885	1998	GMC	C3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3886	1998	GMC	C3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3887	1998	GMC	C3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3888	1998	GMC	C3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
3889	1998	GMC	C3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
3890	1998	GMC	C3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
3891	1998	GMC	C3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
3892	1998	GMC	C3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
3893	1998	GMC	C3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
3894	1998	GMC	C3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3895	1998	GMC	C3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3896	1998	GMC	C3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3897	1998	GMC	C3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3898	1998	GMC	C3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3899	1998	GMC	C3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3900	1998	GMC	Jimmy	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
3901	1998	GMC	Jimmy	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
3902	1998	GMC	Jimmy	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451455	2WD
3903	1998	GMC	K1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	2WD
3904	1998	GMC	K1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3905	1998	GMC	K1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3906	1998	GMC	K1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3907	1998	GMC	K1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3908	1998	GMC	K1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3909	1998	GMC	K1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3910	1998	GMC	K1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3911	1998	GMC	K1500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3912	1998	GMC	K1500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3913	1998	GMC	K1500	4.3	WGMXA04.3190	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3914	1998	GMC	K1500	4.3	WGMXA04.3190	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	4WD
3915	1998	GMC	K1500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	2WD
3916	1998	GMC	K1500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	4WD

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3917	1998	GMC	K1500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
3918	1998	GMC	K1500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
3919	1998	GMC	K1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3920	1998	GMC	K1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3921	1998	GMC	K1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3922	1998	GMC	K1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
3923	1998	GMC	K1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3924	1998	GMC	K1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3925	1998	GMC	K1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3926	1998	GMC	K1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3927	1998	GMC	K1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
3928	1998	GMC	K1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3929	1998	GMC	K1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3930	1998	GMC	K1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3931	1998	GMC	K1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3932	1998	GMC	K1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3933	1998	GMC	K1500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3934	1998	GMC	K2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3935	1998	GMC	K2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3936	1998	GMC	K2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3937	1998	GMC	K2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3938	1998	GMC	K2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3939	1998	GMC	K2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3940	1998	GMC	K2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3941	1998	GMC	K2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3942	1998	GMC	K2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3943	1998	GMC	K2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3944	1998	GMC	K2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3945	1998	GMC	K2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3946	1998	GMC	K2500 Suburban	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3947	1998	GMC	K2500 Suburban	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3948	1998	GMC	K2500 Suburban	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3949	1998	GMC	K2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3950	1998	GMC	K2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3951	1998	GMC	K2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3952	1998	GMC	K2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3953	1998	GMC	K2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3954	1998	GMC	K2500 Suburban	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3955	1998	GMC	K2500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3956	1998	GMC	K2500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
3957	1998	GMC	K2500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
3958	1998	GMC	K2500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
3959	1998	GMC	K2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3960	1998	GMC	K2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
3961	1998	GMC	K2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3962	1998	GMC	K2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3963	1998	GMC	K2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3964	1998	GMC	K2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3965	1998	GMC	K2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3966	1998	GMC	K2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3967	1998	GMC	K2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3968	1998	GMC	K2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3969	1998	GMC	K2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3970	1998	GMC	K2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3971	1998	GMC	K2500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3972	1998	GMC	K2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3973	1998	GMC	K2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3974	1998	GMC	K2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3975	1998	GMC	K2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3976	1998	GMC	K2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
3977	1998	GMC	K2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3978	1998	GMC	K2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
3979	1998	GMC	K2500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
3980	1998	GMC	K3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
3981	1998	GMC	K3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
3982	1998	GMC	K3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3983	1998	GMC	K3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3984	1998	GMC	K3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
3985	1998	GMC	K3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3986	1998	GMC	K3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3987	1998	GMC	K3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
3988	1998	GMC	K3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3989	1998	GMC	K3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3990	1998	GMC	K3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3991	1998	GMC	K3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3992	1998	GMC	K3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3993	1998	GMC	K3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
3994	1998	GMC	K3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3995	1998	GMC	K3500	5.7	WGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3996	1998	GMC	K3500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
3997	1998	GMC	K3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
3998	1998	GMC	K3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
3999	1998	GMC	K3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
4000	1998	GMC	K3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4001	1998	GMC	K3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4002	1998	GMC	K3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
4003	1998	GMC	P3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4004	1998	GMC	P3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4005	1998	GMC	Safari	4.3	WGMXT04.3187	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4006	1998	GMC	Safari	4.3	WGMXA04.3188	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4007	1998	GMC	Safari	4.3	WGMXA04.3188	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
4008	1998	GMC	Safari	4.3	WGMXT04.3187	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
4009	1998	GMC	Savana 1500	4.3	WGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4010	1998	GMC	Savana 1500	4.3	WGMXA04.3190	TIER1	MDV2	D	TWC	1	2	U	UNIVERSAL	4451337	ALL
4011	1998	GMC	Savana 1500	4.3	WGMXA04.3190	TIER1	MDV2	D	TWC	1	2	U	DIRECT FIT	4451414	ALL
4012	1998	GMC	Savana 1500	4.3	WGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4013	1998	GMC	Savana 1500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4014	1998	GMC	Savana 1500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
4015	1998	GMC	Savana 1500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4016	1998	GMC	Savana 1500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4017	1998	GMC	Savana 1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4018	1998	GMC	Savana 1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4019	1998	GMC	Savana 1500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4020	1998	GMC	Savana 1500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4021	1998	GMC	Savana 1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4022	1998	GMC	Savana 1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4023	1998	GMC	Savana 1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4024	1998	GMC	Savana 1500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4025	1998	GMC	Savana 1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4026	1998	GMC	Savana 1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4027	1998	GMC	Savana 1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4028	1998	GMC	Savana 1500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4029	1998	GMC	Savana 1500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4030	1998	GMC	Savana 1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4031	1998	GMC	Savana 1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4032	1998	GMC	Savana 1500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4033	1998	GMC	Savana 1500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4034	1998	GMC	Savana 1500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4035	1998	GMC	Savana 2500	4.3	WGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4036	1998	GMC	Savana 2500	4.3	WGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4037	1998	GMC	Savana 2500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4038	1998	GMC	Savana 2500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
4039	1998	GMC	Savana 2500	5	WGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4040	1998	GMC	Savana 2500	5	WGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4041	1998	GMC	Savana 2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4042	1998	GMC	Savana 2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4043	1998	GMC	Savana 2500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4044	1998	GMC	Savana 2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4045	1998	GMC	Savana 2500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4046	1998	GMC	Savana 2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4047	1998	GMC	Savana 2500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4048	1998	GMC	Savana 2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4049	1998	GMC	Savana 2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4050	1998	GMC	Savana 2500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4051	1998	GMC	Savana 2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4052	1998	GMC	Savana 2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4053	1998	GMC	Savana 2500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4054	1998	GMC	Savana 2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4055	1998	GMC	Savana 2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4056	1998	GMC	Savana 2500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4057	1998	GMC	Savana 2500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4058	1998	GMC	Savana 2500	5.7	WGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4059	1998	GMC	Savana 3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4060	1998	GMC	Savana 3500	5.7	WGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4061	1998	GMC	Savana 3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4062	1998	GMC	Savana 3500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4063	1998	GMC	Savana 3500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4064	1998	GMC	Savana 3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4065	1998	GMC	Savana 3500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4066	1998	GMC	Savana 3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4067	1998	GMC	Savana 3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4068	1998	GMC	Savana 3500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4069	1998	GMC	Savana 3500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4070	1998	GMC	Savana 3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4071	1998	GMC	Savana 3500	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4072	1998	GMC	Savana 3500	5.7	WGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4073	1998	GMC	Savana 3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
4074	1998	GMC	Savana 3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451416	ALL
4075	1998	GMC	Savana 3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
4076	1998	GMC	Savana 3500	7.4	WGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451417	ALL
4077	1998	GMC	Sonoma	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
4078	1998	GMC	Sonoma	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4079	1998	GMC	Sonoma	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451468	2WD
4080	1998	GMC	Sonoma	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451497	4WD
4081	1998	GMC	Yukon	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
4082	1998	GMC	Yukon	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
4083	1998	GMC	Yukon	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4084	1998	GMC	Yukon	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4085	1998	GMC	Yukon	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4086	1998	GMC	Yukon	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4087	1998	GMC	Yukon	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4088	1998	GMC	Yukon	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4089	1998	GMC	Yukon	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4090	1998	GMC	Yukon	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4091	1998	GMC	Yukon	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4092	1998	GMC	Yukon	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
4093	1998	GMC	Yukon	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4094	1998	GMC	Yukon	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4095	1998	GMC	Yukon	5.7	WGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4096	1998	GMC	Yukon	5.7	WGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4097	1999	GMC	C1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4098	1999	GMC	C1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4099	1999	GMC	C1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4100	1999	GMC	C1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4101	1999	GMC	C1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4102	1999	GMC	C1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4103	1999	GMC	C1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4104	1999	GMC	C1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4105	1999	GMC	C1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4106	1999	GMC	C1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4107	1999	GMC	C1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4108	1999	GMC	C1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4109	1999	GMC	C1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4110	1999	GMC	C1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4111	1999	GMC	C1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4112	1999	GMC	C1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4113	1999	GMC	C1500	5	XGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4114	1999	GMC	C1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
4115	1999	GMC	C1500	5	XGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
4116	1999	GMC	C1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4117	1999	GMC	C1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4118	1999	GMC	C1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4119	1999	GMC	C1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4120	1999	GMC	C1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4121	1999	GMC	C2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4122	1999	GMC	C2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4123	1999	GMC	C2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4124	1999	GMC	C2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4125	1999	GMC	C2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4126	1999	GMC	C2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4127	1999	GMC	C2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4128	1999	GMC	C2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4129	1999	GMC	C2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4130	1999	GMC	C2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4131	1999	GMC	C2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4132	1999	GMC	C2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4133	1999	GMC	C2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4134	1999	GMC	C2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4135	1999	GMC	C2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4136	1999	GMC	C2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4137	1999	GMC	C2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4138	1999	GMC	C2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
4139	1999	GMC	C2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4140	1999	GMC	C2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4141	1999	GMC	C2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
4142	1999	GMC	C2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4143	1999	GMC	C2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4144	1999	GMC	C2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4145	1999	GMC	C2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4146	1999	GMC	C2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4147	1999	GMC	C2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4148	1999	GMC	C2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4149	1999	GMC	C2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4150	1999	GMC	C2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4151	1999	GMC	C2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4152	1999	GMC	C2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4153	1999	GMC	C2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4154	1999	GMC	C2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
4155	1999	GMC	C2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4156	1999	GMC	C2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4157	1999	GMC	C2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
4158	1999	GMC	C3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4159	1999	GMC	C3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4160	1999	GMC	C3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4161	1999	GMC	C3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4162	1999	GMC	C3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4163	1999	GMC	C3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4164	1999	GMC	C3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4165	1999	GMC	C3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4166	1999	GMC	C3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4167	1999	GMC	C3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4168	1999	GMC	C3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4169	1999	GMC	C3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4170	1999	GMC	C3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4171	1999	GMC	C3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4172	1999	GMC	C3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
4173	1999	GMC	C3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4174	1999	GMC	C3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4175	1999	GMC	C3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
4176	1999	GMC	K1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4177	1999	GMC	K1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4178	1999	GMC	K1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4179	1999	GMC	K1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4180	1999	GMC	K1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
4181	1999	GMC	K1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4182	1999	GMC	K1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4183	1999	GMC	K1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4184	1999	GMC	K1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4185	1999	GMC	K1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4186	1999	GMC	K1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4187	1999	GMC	K1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4188	1999	GMC	K1500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4189	1999	GMC	K1500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4190	1999	GMC	K1500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4191	1999	GMC	K1500	5	XGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4192	1999	GMC	K1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4193	1999	GMC	K1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
4194	1999	GMC	K1500	5	XGMXA05.0184	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451457	ALL
4195	1999	GMC	K1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4196	1999	GMC	K1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4197	1999	GMC	K1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4198	1999	GMC	K1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4199	1999	GMC	K1500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4200	1999	GMC	K2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4201	1999	GMC	K2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4202	1999	GMC	K2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4203	1999	GMC	K2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4204	1999	GMC	K2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4205	1999	GMC	K2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4206	1999	GMC	K2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4207	1999	GMC	K2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4208	1999	GMC	K2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4209	1999	GMC	K2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4210	1999	GMC	K2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4211	1999	GMC	K2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4212	1999	GMC	K2500 Suburban	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4213	1999	GMC	K2500 Suburban	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4214	1999	GMC	K2500 Suburban	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4215	1999	GMC	K2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4216	1999	GMC	K2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4217	1999	GMC	K2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
4218	1999	GMC	K2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4219	1999	GMC	K2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4220	1999	GMC	K2500 Suburban	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
4221	1999	GMC	K2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4222	1999	GMC	K2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4223	1999	GMC	K2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4224	1999	GMC	K2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4225	1999	GMC	K2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4226	1999	GMC	K2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4227	1999	GMC	K2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4228	1999	GMC	K2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4229	1999	GMC	K2500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4230	1999	GMC	K2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4231	1999	GMC	K2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4232	1999	GMC	K2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4233	1999	GMC	K2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
4234	1999	GMC	K2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4235	1999	GMC	K2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4236	1999	GMC	K2500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
4237	1999	GMC	K3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4238	1999	GMC	K3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4239	1999	GMC	K3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4240	1999	GMC	K3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4241	1999	GMC	K3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4242	1999	GMC	K3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4243	1999	GMC	K3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4244	1999	GMC	K3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4245	1999	GMC	K3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4246	1999	GMC	K3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4247	1999	GMC	K3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4248	1999	GMC	K3500	5.7	XGMXA05.7182	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4249	1999	GMC	K3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4250	1999	GMC	K3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4251	1999	GMC	K3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
4252	1999	GMC	K3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4253	1999	GMC	K3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4254	1999	GMC	K3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
4255	1999	GMC	P3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4256	1999	GMC	P3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4257	1999	GMC	Safari	4.3	XGMXA04.3188	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4258	1999	GMC	Safari	4.3	XGMXT04.3187	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4259	1999	GMC	Safari	4.3	XGMXT04.3187	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
4260	1999	GMC	Safari	4.3	XGMXA04.3188	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451410	ALL
4261	1999	GMC	Savana 1500	4.3	XGMXA04.3190	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4262	1999	GMC	Savana 1500	4.3	XGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
4263	1999	GMC	Savana 1500	4.3	XGMXA04.3190	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4264	1999	GMC	Savana 1500	4.3	XGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4265	1999	GMC	Savana 1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4266	1999	GMC	Savana 1500	5	XGMXA05.0184	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
4267	1999	GMC	Savana 1500	5	XGMXA05.0184	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4268	1999	GMC	Savana 1500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4269	1999	GMC	Savana 1500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4270	1999	GMC	Savana 1500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4271	1999	GMC	Savana 1500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4272	1999	GMC	Savana 1500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4273	1999	GMC	Savana 1500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4274	1999	GMC	Savana 1500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4275	1999	GMC	Savana 1500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4276	1999	GMC	Savana 1500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4277	1999	GMC	Savana 1500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4278	1999	GMC	Savana 1500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4279	1999	GMC	Savana 1500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4280	1999	GMC	Savana 1500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4281	1999	GMC	Savana 1500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4282	1999	GMC	Savana 1500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4283	1999	GMC	Savana 1500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4284	1999	GMC	Savana 1500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4285	1999	GMC	Savana 2500	4.3	XGMXA04.3190	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4286	1999	GMC	Savana 2500	4.3	XGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
4287	1999	GMC	Savana 2500	4.3	XGMXA04.3190	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4288	1999	GMC	Savana 2500	4.3	XGMXA04.3192	TIER1	MDV3	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4289	1999	GMC	Savana 2500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4290	1999	GMC	Savana 2500	5	XGMXA05.0184	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
4291	1999	GMC	Savana 2500	5	XGMXA05.0182	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4292	1999	GMC	Savana 2500	5	XGMXA05.0184	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4293	1999	GMC	Savana 2500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4294	1999	GMC	Savana 2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4295	1999	GMC	Savana 2500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4296	1999	GMC	Savana 2500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4297	1999	GMC	Savana 2500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4298	1999	GMC	Savana 2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4299	1999	GMC	Savana 2500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4300	1999	GMC	Savana 2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4301	1999	GMC	Savana 2500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4302	1999	GMC	Savana 2500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4303	1999	GMC	Savana 2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4304	1999	GMC	Savana 2500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4305	1999	GMC	Savana 2500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4306	1999	GMC	Savana 2500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4307	1999	GMC	Savana 2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4308	1999	GMC	Savana 2500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4309	1999	GMC	Savana 2500	5.7	XGMXA05.7184	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4310	1999	GMC	Savana 2500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4311	1999	GMC	Savana 3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4312	1999	GMC	Savana 3500	5.7	XGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4313	1999	GMC	Savana 3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4314	1999	GMC	Savana 3500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4315	1999	GMC	Savana 3500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4316	1999	GMC	Savana 3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4317	1999	GMC	Savana 3500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4318	1999	GMC	Savana 3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4319	1999	GMC	Savana 3500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4320	1999	GMC	Savana 3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4321	1999	GMC	Savana 3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4322	1999	GMC	Savana 3500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4323	1999	GMC	Savana 3500	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4324	1999	GMC	Savana 3500	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4325	1999	GMC	Savana 3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
4326	1999	GMC	Savana 3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451416	ALL
4327	1999	GMC	Savana 3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
4328	1999	GMC	Savana 3500	7.4	XGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451417	ALL
4329	1999	GMC	Sierra 1500	4.3	XGMXA04.3195	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4330	1999	GMC	Sierra 1500	4.3	XGMXA04.3194	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4331	1999	GMC	Sierra 1500	4.3	XGMXA04.3194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4332	1999	GMC	Sierra 1500	4.3	XGMXA04.3195	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4333	1999	GMC	Sierra 1500	4.3	XGMXA04.3195	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4334	1999	GMC	Sierra 1500	4.3	XGMXA04.3194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4335	1999	GMC	Sierra 1500	4.3	XGMXA04.3195	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4336	1999	GMC	Sierra 1500	4.3	XGMXA04.3194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4337	1999	GMC	Sierra 1500	4.3	XGMXA04.3195	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4338	1999	GMC	Sierra 1500	4.3	XGMXA04.3194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4339	1999	GMC	Sierra 1500	4.8	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4340	1999	GMC	Sierra 1500	4.8	XGMXA04.8184	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4341	1999	GMC	Sierra 1500	4.8	XGMXA04.8184	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4342	1999	GMC	Sierra 1500	4.8	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4343	1999	GMC	Sierra 1500	4.8	XGMXA04.8184	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4344	1999	GMC	Sierra 1500	4.8	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4345	1999	GMC	Sierra 1500	4.8	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4346	1999	GMC	Sierra 1500	4.8	XGMXA04.8184	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4347	1999	GMC	Sierra 1500	4.8	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4348	1999	GMC	Sierra 1500	4.8	XGMXA04.8184	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4349	1999	GMC	Sierra 1500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4350	1999	GMC	Sierra 1500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4351	1999	GMC	Sierra 1500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4352	1999	GMC	Sierra 1500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4353	1999	GMC	Sierra 1500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4354	1999	GMC	Sierra 1500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4355	1999	GMC	Sierra 1500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4356	1999	GMC	Sierra 1500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4357	1999	GMC	Sierra 1500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4358	1999	GMC	Sierra 1500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4359	1999	GMC	Sierra 2500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4360	1999	GMC	Sierra 2500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4361	1999	GMC	Sierra 2500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4362	1999	GMC	Sierra 2500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4363	1999	GMC	Sierra 2500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4364	1999	GMC	Sierra 2500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4365	1999	GMC	Sierra 2500	5.3	XGMXA05.3185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4366	1999	GMC	Sierra 2500	5.3	XGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4367	1999	GMC	Sierra 2500	6	XGMXA05.3185	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4368	1999	GMC	Sierra 2500	6	XGMXA06.0182	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4369	1999	GMC	Sierra 2500	6	XGMXA06.0182	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4370	1999	GMC	Sierra 2500	6	XGMXA05.3185	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4371	1999	GMC	Sierra 2500	6	XGMXA05.3185	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4372	1999	GMC	Sierra 2500	6	XGMXA06.0182	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4373	1999	GMC	Sierra 2500	6	XGMXA06.0182	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4374	1999	GMC	Sierra 2500	6	XGMXA05.3185	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4375	1999	GMC	Yukon	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
4376	1999	GMC	Yukon	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
4377	1999	GMC	Yukon	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
4378	1999	GMC	Yukon	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4379	1999	GMC	Yukon	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4380	1999	GMC	Yukon	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4381	1999	GMC	Yukon	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4382	1999	GMC	Yukon	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4383	1999	GMC	Yukon	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4384	1999	GMC	Yukon	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4385	1999	GMC	Yukon	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4386	1999	GMC	Yukon	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4387	1999	GMC	Yukon	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4388	1999	GMC	Yukon	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4389	1999	GMC	Yukon	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4390	1999	GMC	Yukon	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4391	1999	GMC	Yukon	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4392	1999	GMC	Yukon	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4393	1999	GMC	Yukon	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4394	1999	GMC	Yukon	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4395	1999	GMC	Yukon	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4396	1999	GMC	Yukon	5.7	XGMXA05.7186	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4397	1999	GMC	Yukon	5.7	XGMXA05.7187	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4398	1999	GMC	Yukon	5.7	XGMXA05.7185	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4399	2000	GMC	C2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4400	2000	GMC	C2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4401	2000	GMC	C2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4402	2000	GMC	C2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4403	2000	GMC	C2500	5.7	YGMXH05.7582	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4404	2000	GMC	C2500	5.7	YGMXH05.7582	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4405	2000	GMC	C2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4406	2000	GMC	C2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4407	2000	GMC	C2500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
4408	2000	GMC	C2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4409	2000	GMC	C2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4410	2000	GMC	C2500	5.7	YGMXH05.7582	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4411	2000	GMC	C2500	5.7	YGMXH05.7582	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4412	2000	GMC	C2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4413	2000	GMC	C2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4414	2000	GMC	C2500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
4415	2000	GMC	C2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4416	2000	GMC	C2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4417	2000	GMC	C2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
4418	2000	GMC	C2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4419	2000	GMC	C2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4420	2000	GMC	C2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
4421	2000	GMC	C3500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4422	2000	GMC	C3500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4423	2000	GMC	C3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4424	2000	GMC	C3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4425	2000	GMC	C3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4426	2000	GMC	C3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4427	2000	GMC	C3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4428	2000	GMC	C3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4429	2000	GMC	C3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4430	2000	GMC	C3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4431	2000	GMC	C3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4432	2000	GMC	C3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4433	2000	GMC	C3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4434	2000	GMC	C3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
4435	2000	GMC	C3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4436	2000	GMC	C3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4437	2000	GMC	C3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
4438	2000	GMC	K2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4439	2000	GMC	K2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4440	2000	GMC	K2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4441	2000	GMC	K2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4442	2000	GMC	K2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4443	2000	GMC	K2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4444	2000	GMC	K2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
4445	2000	GMC	K2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4446	2000	GMC	K2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4447	2000	GMC	K2500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4448	2000	GMC	K2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4449	2000	GMC	K2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4450	2000	GMC	K2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
4451	2000	GMC	K2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4452	2000	GMC	K2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4453	2000	GMC	K2500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
4454	2000	GMC	K3500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4455	2000	GMC	K3500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4456	2000	GMC	K3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4457	2000	GMC	K3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4458	2000	GMC	K3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4459	2000	GMC	K3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4460	2000	GMC	K3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4461	2000	GMC	K3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4462	2000	GMC	K3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4463	2000	GMC	K3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4464	2000	GMC	K3500	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4465	2000	GMC	K3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4466	2000	GMC	K3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4467	2000	GMC	K3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451470	ALL
4468	2000	GMC	K3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4469	2000	GMC	K3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4470	2000	GMC	K3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451471	ALL
4471	2000	GMC	Savana 1500	5	YGMXT05.7189	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
4472	2000	GMC	Savana 1500	5	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
4473	2000	GMC	Savana 1500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4474	2000	GMC	Savana 1500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4475	2000	GMC	Savana 1500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4476	2000	GMC	Savana 1500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4477	2000	GMC	Savana 1500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4478	2000	GMC	Savana 1500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4479	2000	GMC	Savana 1500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4480	2000	GMC	Savana 1500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4481	2000	GMC	Savana 1500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4482	2000	GMC	Savana 1500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4483	2000	GMC	Savana 1500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
4484	2000	GMC	Savana 1500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4485	2000	GMC	Savana 2500	5	YGMXT05.7189	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451337	ALL
4486	2000	GMC	Savana 2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4487	2000	GMC	Savana 2500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4488	2000	GMC	Savana 2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4489	2000	GMC	Savana 2500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4490	2000	GMC	Savana 2500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4491	2000	GMC	Savana 2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4492	2000	GMC	Savana 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UL	UNIVERSAL	4451305	ALL
4493	2000	GMC	Savana 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UL	UNIVERSAL	4451306	ALL
4494	2000	GMC	Savana 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UL	DIRECT FIT	4451415	ALL
4495	2000	GMC	Savana 2500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4496	2000	GMC	Savana 2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4497	2000	GMC	Savana 2500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4498	2000	GMC	Savana 2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4499	2000	GMC	Savana 2500	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4500	2000	GMC	Savana 2500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4501	2000	GMC	Savana 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UR	UNIVERSAL	4451305	ALL
4502	2000	GMC	Savana 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UR	UNIVERSAL	4451306	ALL
4503	2000	GMC	Savana 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UR	DIRECT FIT	4451413	ALL
4504	2000	GMC	Savana 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
4505	2000	GMC	Savana 2500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4506	2000	GMC	Savana 3500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4507	2000	GMC	Savana 3500	5.7	YGMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4508	2000	GMC	Savana 3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4509	2000	GMC	Savana 3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4510	2000	GMC	Savana 3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451415	ALL
4511	2000	GMC	Savana 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UL	UNIVERSAL	4451305	ALL
4512	2000	GMC	Savana 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UL	UNIVERSAL	4451306	ALL
4513	2000	GMC	Savana 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UL	DIRECT FIT	4451415	ALL
4514	2000	GMC	Savana 3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4515	2000	GMC	Savana 3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4516	2000	GMC	Savana 3500	5.7	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451413	ALL
4517	2000	GMC	Savana 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UR	UNIVERSAL	4451305	ALL
4518	2000	GMC	Savana 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UR	UNIVERSAL	4451306	ALL
4519	2000	GMC	Savana 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	UR	DIRECT FIT	4451413	ALL
4520	2000	GMC	Savana 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
4521	2000	GMC	Savana 3500	5.7	YGMXT05.7188	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4522	2000	GMC	Savana 3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
4523	2000	GMC	Savana 3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451416	ALL
4524	2000	GMC	Savana 3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
4525	2000	GMC	Savana 3500	7.4	YGMXA07.4201	TIER1	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451417	ALL
4526	2000	GMC	Sierra 1500	4.3	YGMXT04.3184	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4527	2000	GMC	Sierra 1500	4.3	YGMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4528	2000	GMC	Sierra 1500	4.3	YGMXT04.3184	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4529	2000	GMC	Sierra 1500	4.3	YGMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4530	2000	GMC	Sierra 1500	4.3	YGMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4531	2000	GMC	Sierra 1500	4.3	YGMXT04.3184	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4532	2000	GMC	Sierra 1500	4.3	YGMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4533	2000	GMC	Sierra 1500	4.3	YGMXT04.3184	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4534	2000	GMC	Sierra 1500	4.3	YGMXT04.3184	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4535	2000	GMC	Sierra 1500	4.3	YGMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4536	2000	GMC	Sierra 1500	4.8	YGMXT05.3181	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4537	2000	GMC	Sierra 1500	4.8	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4538	2000	GMC	Sierra 1500	4.8	YGMXT05.3181	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4539	2000	GMC	Sierra 1500	4.8	YGMXT05.3181	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4540	2000	GMC	Sierra 1500	4.8	YGMXT05.3181	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4541	2000	GMC	Sierra 1500	4.8	YGMXT05.3181	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4542	2000	GMC	Sierra 1500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4543	2000	GMC	Sierra 1500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4544	2000	GMC	Sierra 1500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4545	2000	GMC	Sierra 1500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4546	2000	GMC	Sierra 1500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4547	2000	GMC	Sierra 1500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4548	2000	GMC	Sierra 1500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4549	2000	GMC	Sierra 1500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4550	2000	GMC	Sierra 1500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4551	2000	GMC	Sierra 1500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4552	2000	GMC	Sierra 2500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4553	2000	GMC	Sierra 2500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4554	2000	GMC	Sierra 2500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4555	2000	GMC	Sierra 2500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4556	2000	GMC	Sierra 2500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4557	2000	GMC	Sierra 2500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4558	2000	GMC	Sierra 2500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4559	2000	GMC	Sierra 2500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4560	2000	GMC	Sierra 2500	5.3	YGMXT05.3181	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4561	2000	GMC	Sierra 2500	5.3	YGMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4562	2000	GMC	Sierra 2500	6	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4563	2000	GMC	Sierra 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4564	2000	GMC	Sierra 2500	6	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4565	2000	GMC	Sierra 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4566	2000	GMC	Sierra 2500	6	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4567	2000	GMC	Sierra 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4568	2000	GMC	Sierra 2500	6	YGMXA05.7191	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4569	2000	GMC	Sierra 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4570	2000	GMC	Yukon XL 1500	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4571	2000	GMC	Yukon XL 1500	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4572	2000	GMC	Yukon XL 1500	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4573	2000	GMC	Yukon XL 1500	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4574	2000	GMC	Yukon XL 1500	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4575	2000	GMC	Yukon XL 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4576	2000	GMC	Yukon XL 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4577	2000	GMC	Yukon XL 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4578	2000	GMC	Yukon XL 2500	6	YGMXT06.0192	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4579	2000	GMC	Yukon	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4580	2000	GMC	Yukon	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4581	2000	GMC	Yukon	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4582	2000	GMC	Yukon	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4583	2000	GMC	Yukon	5.3	YGMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4584	2000	GMC	Yukon	5.7	YGMXT05.7188	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
4585	2000	GMC	Yukon	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
4586	2000	GMC	Yukon	5.7	YGMXT05.7189	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
4587	2000	GMC	Yukon	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451420	ALL
4588	2000	GMC	Yukon	5.7	YGMXT05.7188	TIER1	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4589	2000	GMC	Yukon	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4590	2000	GMC	Yukon	5.7	YGMXT05.7189	TIER1	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4591	2000	GMC	Yukon	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451453	ALL
4592	2000	GMC	Yukon	5.7	YGMXT05.7189	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4593	2000	GMC	Yukon	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4594	2000	GMC	Yukon	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4595	2000	GMC	Yukon	5.7	YGMXT05.7188	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4596	2000	GMC	Yukon	5.7	YGMXT05.7188	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4597	2000	GMC	Yukon	5.7	YGMXT05.7189	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4598	2000	GMC	Yukon	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4599	2000	GMC	Yukon	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4600	2000	GMC	Yukon	5.7	YGMXT05.7188	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4601	2000	GMC	Yukon	5.7	YGMXT05.7189	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4602	2000	GMC	Yukon	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4603	2000	GMC	Yukon	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4604	2000	GMC	Yukon	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4605	2000	GMC	Yukon	5.7	YGMXT05.7189	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4606	2000	GMC	Yukon	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4607	2000	GMC	Yukon	5.7	YGMXT05.7188	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4608	2000	GMC	Yukon	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4609	2000	GMC	Yukon	5.7	YGMXT05.7189	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4610	2000	GMC	Yukon	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4611	2000	GMC	Yukon	5.7	YGMXT05.7188	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4612	2000	GMC	Yukon	5.7	YGMXT05.7189	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4613	2000	GMC	Yukon	5.7	YGMXT05.7188	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4614	2000	GMC	Yukon	5.7	YGMXA05.7185	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4615	2000	GMC	Yukon	5.7	YGMXA05.7194	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4616	2001	GMC	Savana 1500	4.3	1GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4617	2001	GMC	Savana 1500	4.3	1GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4618	2001	GMC	Savana 1500	5	1GMXT05.0182	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
4619	2001	GMC	Savana 1500	5	1GMXT05.0182	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4620	2001	GMC	Savana 1500	5	1GMXT05.0181	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4621	2001	GMC	Savana 1500	5	1GMXT05.0181	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4622	2001	GMC	Savana 1500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4623	2001	GMC	Savana 1500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4624	2001	GMC	Savana 1500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4625	2001	GMC	Savana 1500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4626	2001	GMC	Savana 2500	4.3	1GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4627	2001	GMC	Savana 2500	4.3	1GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4628	2001	GMC	Savana 2500	5	1GMXT05.0182	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
4629	2001	GMC	Savana 2500	5	1GMXT05.0182	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4630	2001	GMC	Savana 2500	5	1GMXT05.0181	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4631	2001	GMC	Savana 2500	5	1GMXT05.0181	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451414	ALL
4632	2001	GMC	Savana 2500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4633	2001	GMC	Savana 2500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4634	2001	GMC	Savana 2500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4635	2001	GMC	Savana 2500	5.7	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4636	2001	GMC	Savana 3500	5.7	1GMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4637	2001	GMC	Savana 3500	5.7	1GMXH05.7582	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4638	2001	GMC	Savana 3500	8.1	1GMXA08.1202	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4639	2001	GMC	Savana 3500	8.1	1GMXA08.1202	TIER1	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4640	2001	GMC	Savana 3500	8.1	1GMXA08.1202	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4641	2001	GMC	Savana 3500	8.1	1GMXA08.1202	TIER1	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4642	2001	GMC	Sierra 1500 HD	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
4643	2001	GMC	Sierra 1500 HD	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451647	ALL
4644	2001	GMC	Sierra 1500 HD	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
4645	2001	GMC	Sierra 1500 HD	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451648	ALL
4646	2001	GMC	Sierra 1500	4.3	1GMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4647	2001	GMC	Sierra 1500	4.3	1GMXA05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4648	2001	GMC	Sierra 1500	4.3	1GMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4649	2001	GMC	Sierra 1500	4.3	1GMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4650	2001	GMC	Sierra 1500	4.3	1GMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4651	2001	GMC	Sierra 1500	4.3	1GMXA04.3190	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4652	2001	GMC	Sierra 1500	4.8	1GMXA05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4653	2001	GMC	Sierra 1500	4.8	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4654	2001	GMC	Sierra 1500	4.8	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4655	2001	GMC	Sierra 1500	4.8	1GMXA05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4656	2001	GMC	Sierra 1500	4.8	1GMXA05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4657	2001	GMC	Sierra 1500	4.8	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4658	2001	GMC	Sierra 1500	4.8	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4659	2001	GMC	Sierra 1500	4.8	1GMXA05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4660	2001	GMC	Sierra 1500	4.8	1GMXA05.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4661	2001	GMC	Sierra 1500	4.8	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4662	2001	GMC	Sierra 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4663	2001	GMC	Sierra 1500	5.3	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4664	2001	GMC	Sierra 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4665	2001	GMC	Sierra 1500	5.3	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4666	2001	GMC	Sierra 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4667	2001	GMC	Sierra 1500	5.3	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4668	2001	GMC	Sierra 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4669	2001	GMC	Sierra 1500	5.3	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4670	2001	GMC	Sierra 1500	5.3	1GMXA05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4671	2001	GMC	Sierra 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4672	2001	GMC	Sierra 3500	6	1GMXH06.0583	TIER1	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4673	2001	GMC	Sierra 3500	6	1GMXH06.0583	TIER1	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4674	2001	GMC	Yukon XL 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4675	2001	GMC	Yukon XL 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4676	2001	GMC	Yukon XL 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4677	2001	GMC	Yukon XL 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4678	2001	GMC	Yukon XL 1500	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4679	2001	GMC	Yukon XL 1500	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4680	2001	GMC	Yukon XL 1500	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4681	2001	GMC	Yukon XL 1500	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4682	2001	GMC	Yukon XL 1500	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4683	2001	GMC	Yukon XL 2500	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
4684	2001	GMC	Yukon XL 2500	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451647	ALL
4685	2001	GMC	Yukon XL 2500	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
4686	2001	GMC	Yukon XL 2500	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451642	ALL
4687	2001	GMC	Yukon	4.8	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4688	2001	GMC	Yukon	4.8	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4689	2001	GMC	Yukon	4.8	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4690	2001	GMC	Yukon	4.8	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4691	2001	GMC	Yukon	4.8	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4692	2001	GMC	Yukon	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4693	2001	GMC	Yukon	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4694	2001	GMC	Yukon	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4695	2001	GMC	Yukon	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
4696	2001	GMC	Yukon	5.3	1GMXA05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
4697	2001	GMC	Yukon	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	2WD
4698	2001	GMC	Yukon	6	1GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	2WD
4699	2002	GMC	Envoy	4.2	2GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451217	ALL
4700	2002	GMC	Envoy	4.2	2GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451217	ALL
4701	2002	GMC	Envoy	4.2	2GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
4702	2002	GMC	Envoy	4.2	2GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
4703	2002	GMC	Envoy	4.2	2GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4704	2002	GMC	Envoy	4.2	2GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4705	2002	GMC	Savana 1500	4.3	2GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4706	2002	GMC	Savana 1500	5	2GMXT05.0182	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4707	2002	GMC	Savana 1500	5	2GMXT05.0181	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4708	2002	GMC	Savana 1500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4709	2002	GMC	Savana 1500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4710	2002	GMC	Savana 1500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4711	2002	GMC	Savana 1500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4712	2002	GMC	Savana 2500	4.3	2GMXA04.3192	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4713	2002	GMC	Savana 2500	5	2GMXT05.0182	TIER1	MDV3	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4714	2002	GMC	Savana 2500	5	2GMXT05.0181	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4715	2002	GMC	Savana 2500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
4716	2002	GMC	Savana 2500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
4717	2002	GMC	Savana 2500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
4718	2002	GMC	Savana 2500	5.7	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
4719	2002	GMC	Savana 3500	5.7	2GMXH05.7582	LEV1 LEV	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4720	2002	GMC	Savana 3500	5.7	2GMXH05.7582	LEV1 LEV	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4721	2002	GMC	Sierra 1500	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4722	2002	GMC	Sierra 1500	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4723	2002	GMC	Sierra 1500	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4724	2002	GMC	Sierra 1500	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4725	2002	GMC	Sierra 3500	6	2GMXH06.0583	LEV1 LEV	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4726	2002	GMC	Sierra 3500	6	2GMXH06.0583	LEV1 LEV	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4727	2002	GMC	Yukon XL 1500	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4728	2002	GMC	Yukon XL 1500	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4729	2002	GMC	Yukon XL 1500	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4730	2002	GMC	Yukon XL 1500	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4731	2002	GMC	Yukon XL 2500	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4732	2002	GMC	Yukon XL 2500	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4733	2002	GMC	Yukon XL 2500	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451418	ALL
4734	2002	GMC	Yukon XL 2500	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4735	2002	GMC	Yukon XL 2500	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4736	2002	GMC	Yukon	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4737	2002	GMC	Yukon	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
4738	2002	GMC	Yukon	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451418	2WD
4739	2002	GMC	Yukon	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4740	2002	GMC	Yukon	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4741	2002	GMC	Yukon	6	2GMXA06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451421	ALL
4742	2003	GMC	Envoy XL	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4743	2003	GMC	Envoy XL	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4744	2003	GMC	Envoy XL	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4745	2003	GMC	Envoy XL	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4746	2003	GMC	Envoy	4.2	3GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451217	ALL
4747	2003	GMC	Envoy	4.2	3GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451217	ALL
4748	2003	GMC	Envoy	4.2	3GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
4749	2003	GMC	Envoy	4.2	3GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	2WD
4750	2003	GMC	Envoy	4.2	3GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4751	2003	GMC	Envoy	4.2	3GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4752	2003	GMC	Savana 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451211	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4753	2003	GMC	Savana 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4754	2003	GMC	Savana 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451211	ALL
4755	2003	GMC	Savana 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451211	ALL
4756	2003	GMC	Savana 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4757	2003	GMC	Savana 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4758	2003	GMC	Savana 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4759	2003	GMC	Savana 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4760	2003	GMC	Savana 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4761	2003	GMC	Savana 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4762	2003	GMC	Savana 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4763	2003	GMC	Savana 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4764	2003	GMC	Savana 2500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451211	ALL
4765	2003	GMC	Savana 2500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451309	ALL
4766	2003	GMC	Savana 2500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451211	ALL
4767	2003	GMC	Savana 2500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4768	2003	GMC	Savana 2500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
4769	2003	GMC	Savana 2500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4770	2003	GMC	Savana 2500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
4771	2003	GMC	Savana 2500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4772	2003	GMC	Savana 2500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4773	2003	GMC	Savana 2500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4774	2003	GMC	Savana 2500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4775	2003	GMC	Savana 3500	6	3GMXH06.0583	LEV1 LEV	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4776	2003	GMC	Savana 3500	6	3GMXH06.0583	LEV1 LEV	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4777	2003	GMC	Sierra 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
4778	2003	GMC	Sierra 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4779	2003	GMC	Sierra 1500	4.3	3GMXT04.3184	LEV1 LEV	MDV2	S	TWC	1	1	U	DIRECT FIT	4451419	ALL
4780	2003	GMC	Sierra 1500	4.8	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4781	2003	GMC	Sierra 1500	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4782	2003	GMC	Sierra 1500	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4783	2003	GMC	Sierra 1500	4.8	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4784	2003	GMC	Sierra 1500	4.8	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4785	2003	GMC	Sierra 1500	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4786	2003	GMC	Sierra 1500	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4787	2003	GMC	Sierra 1500	4.8	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4788	2003	GMC	Sierra 1500	4.8	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4789	2003	GMC	Sierra 1500	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4790	2003	GMC	Sierra 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4791	2003	GMC	Sierra 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4792	2003	GMC	Sierra 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4793	2003	GMC	Sierra 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4794	2003	GMC	Sierra 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4795	2003	GMC	Sierra 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4796	2003	GMC	Sierra 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4797	2003	GMC	Sierra 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4798	2003	GMC	Sierra 1500	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4799	2003	GMC	Sierra 1500	5.3	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4800	2003	GMC	Sierra 1500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
4801	2003	GMC	Sierra 1500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
4802	2003	GMC	Sierra 3500	6	3GMXH06.0583	LEV1 LEV	MDV5	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4803	2003	GMC	Sierra 3500	6	3GMXH06.0583	LEV1 LEV	MDV5	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4804	2003	GMC	Yukon XL 1500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4805	2003	GMC	Yukon XL 1500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4806	2003	GMC	Yukon XL 1500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4807	2003	GMC	Yukon XL 1500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4808	2003	GMC	Yukon XL 2500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
4809	2003	GMC	Yukon XL 2500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451647	ALL
4810	2003	GMC	Yukon XL 2500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
4811	2003	GMC	Yukon XL 2500	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451642	ALL
4812	2003	GMC	Yukon	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	U	DIRECT FIT	4451419	ALL
4813	2003	GMC	Yukon	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4814	2003	GMC	Yukon	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4815	2003	GMC	Yukon	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4816	2003	GMC	Yukon	4.8	3GMXT05.3184	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4817	2003	GMC	Yukon	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4818	2003	GMC	Yukon	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4819	2003	GMC	Yukon	6	3GMXA06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451418	ALL
4820	2003	GMC	Yukon	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4821	2003	GMC	Yukon	6	3GMXT06.0187	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4822	2003	GMC	Yukon	6	3GMXA06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451421	ALL
4823	2004	GMC	Envoy XL	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451172	ALL
4824	2004	GMC	Envoy XL	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451305	ALL
4825	2004	GMC	Envoy XL	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451306	ALL
4826	2004	GMC	Savana 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4827	2004	GMC	Savana 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4828	2004	GMC	Savana 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4829	2004	GMC	Savana 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4830	2004	GMC	Savana 1500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451305	ALL
4831	2004	GMC	Savana 1500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451306	ALL
4832	2004	GMC	Savana 2500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4833	2004	GMC	Savana 2500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4834	2004	GMC	Savana 2500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4835	2004	GMC	Savana 2500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4836	2004	GMC	Savana 2500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451305	ALL
4837	2004	GMC	Savana 2500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451306	ALL
4838	2004	GMC	Sierra 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4839	2004	GMC	Sierra 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4840	2004	GMC	Sierra 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4841	2004	GMC	Sierra 1500	4.3	4GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4842	2004	GMC	Sierra 1500	4.8	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451305	ALL
4843	2004	GMC	Sierra 1500	4.8	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451306	ALL
4844	2004	GMC	Sierra 1500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451305	ALL
4845	2004	GMC	Sierra 1500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451306	ALL
4846	2004	GMC	Sierra 1500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4847	2004	GMC	Sierra 1500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4848	2004	GMC	Sierra 1500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RL	UNIVERSAL	4451309	ALL
4849	2004	GMC	Sierra 1500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RR	UNIVERSAL	4451309	ALL
4850	2004	GMC	Sierra 1500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451270	ALL
4851	2004	GMC	Sierra 1500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451283	ALL
4852	2004	GMC	Sierra 2500 HD	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4853	2004	GMC	Sierra 2500 HD	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4854	2004	GMC	Sierra 2500 HD	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RL	UNIVERSAL	4451309	ALL
4855	2004	GMC	Sierra 2500 HD	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RR	UNIVERSAL	4451309	ALL
4856	2004	GMC	Sierra 2500 HD	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451270	ALL
4857	2004	GMC	Sierra 2500 HD	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451283	ALL
4858	2004	GMC	Sierra 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4859	2004	GMC	Sierra 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4860	2004	GMC	Sierra 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RL	UNIVERSAL	4451309	ALL
4861	2004	GMC	Sierra 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RR	UNIVERSAL	4451309	ALL
4862	2004	GMC	Sierra 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451270	ALL
4863	2004	GMC	Sierra 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451283	ALL
4864	2004	GMC	Sierra 3500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	F	UNIVERSAL	4451309	ALL
4865	2004	GMC	Sierra 3500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	R	UNIVERSAL	4451309	ALL
4866	2004	GMC	Yukon XL 1500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451305	ALL
4867	2004	GMC	Yukon XL 1500	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451306	ALL
4868	2004	GMC	Yukon XL 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FL	UNIVERSAL	4451309	ALL
4869	2004	GMC	Yukon XL 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	FR	UNIVERSAL	4451309	ALL
4870	2004	GMC	Yukon XL 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RL	UNIVERSAL	4451309	ALL
4871	2004	GMC	Yukon XL 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	RR	UNIVERSAL	4451309	ALL
4872	2004	GMC	Yukon XL 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451270	ALL
4873	2004	GMC	Yukon XL 2500	6	4GMXT06.0188	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451283	ALL
4874	2005	GMC	Savana 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4875	2005	GMC	Savana 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4876	2005	GMC	Savana 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4877	2005	GMC	Savana 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4878	2005	GMC	Savana 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4879	2005	GMC	Savana 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4880	2005	GMC	Savana 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4881	2005	GMC	Savana 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4882	2005	GMC	Savana 1500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4883	2005	GMC	Savana 1500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4884	2005	GMC	Savana 1500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4885	2005	GMC	Savana 1500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4886	2005	GMC	Savana 2500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4887	2005	GMC	Savana 2500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4888	2005	GMC	Savana 2500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4889	2005	GMC	Savana 2500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4890	2005	GMC	Savana 2500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4891	2005	GMC	Savana 2500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4892	2005	GMC	Savana 2500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4893	2005	GMC	Savana 2500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4894	2005	GMC	Sierra 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4895	2005	GMC	Sierra 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4896	2005	GMC	Sierra 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4897	2005	GMC	Sierra 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4898	2005	GMC	Sierra 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4899	2005	GMC	Sierra 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4900	2005	GMC	Sierra 1500	4.3	5GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4901	2005	GMC	Sierra 1500	4.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4902	2005	GMC	Sierra 1500	5.3	5GMXT05.3177	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4903	2005	GMC	Sierra 1500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4904	2005	GMC	Sierra 1500	5.3	5GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4905	2005	GMC	Sierra 1500	5.3	5GMXT05.3177	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4906	2006	GMC	Savana 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451211	ALL
4907	2006	GMC	Savana 1500	4.3	6GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4908	2006	GMC	Savana 1500	4.3	6GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4909	2006	GMC	Savana 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
4910	2006	GMC	Savana 1500	4.3	6GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4911	2006	GMC	Savana 1500	4.3	6GMXT04.3184	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4912	2006	GMC	Savana 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
4913	2006	GMC	Sierra 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4914	2006	GMC	Sierra 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4915	2006	GMC	Sierra 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4916	2006	GMC	Sierra 1500	4.3	6GMXT04.3181	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4917	2006	GMC	Yukon XL 1500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4918	2006	GMC	Yukon XL 1500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4919	2006	GMC	Yukon XL 1500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4920	2006	GMC	Yukon XL 1500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4921	2006	GMC	Yukon XL 2500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4922	2006	GMC	Yukon XL 2500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4923	2006	GMC	Yukon XL 2500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4924	2006	GMC	Yukon XL 2500	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4925	2006	GMC	Yukon XL 2500	8.1	6GMXT08.1201	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
4926	2006	GMC	Yukon XL 2500	8.1	6GMXT08.1201	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
4927	1996	Honda	Passport	2.6	TSZ2.628GKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
4928	1996	Honda	Passport	2.6	TSZ2.628GKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4929	1996	Honda	Passport	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4930	1996	Honda	Passport	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4931	1996	Honda	Passport	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4932	1996	Honda	Passport	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4933	1996	Honda	Passport	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4934	1996	Honda	Passport	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4935	1996	Honda	Passport	3.2	TSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
4936	1996	Honda	Passport	3.2	TSZ3.22JGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
4937	1996	Honda	Passport	3.2	TSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
4938	1996	Honda	Passport	3.2	TSZ3.22JGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4939	1996	Honda	Passport	3.2	TSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4940	1997	Honda	Passport	3.2	VSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4941	1997	Honda	Passport	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4942	1997	Honda	Passport	3.2	VSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4943	1997	Honda	Passport	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4944	1997	Honda	Passport	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4945	1997	Honda	Passport	3.2	VSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4946	1997	Honda	Passport	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451620	ALL
4947	1997	Honda	Passport	3.2	VSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4948	1997	Honda	Passport	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4949	1997	Honda	Passport	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4950	1997	Honda	Passport	3.2	VSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4951	1997	Honda	Passport	3.2	VSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4952	1997	Honda	Passport	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4953	1997	Honda	Passport	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451650	ALL
4954	1997	Honda	Passport	3.2	VSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
4955	1997	Honda	Passport	3.2	VSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
4956	1998	Honda	Passport	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4957	1998	Honda	Passport	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4958	1998	Honda	Passport	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4959	1998	Honda	Passport	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451632	ALL
4960	1998	Honda	Passport	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4961	1998	Honda	Passport	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4962	1998	Honda	Passport	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4963	1998	Honda	Passport	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451633	ALL
4964	1999	Honda	Odyssey	3.5	XHNXT03.5EA3	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
4965	1999	Honda	Odyssey	3.5	XHNXT03.5EA3	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
4966	1999	Honda	Odyssey	3.5	XHNXT03.5EA3	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451402	ALL
4967	1999	Honda	Passport	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4968	1999	Honda	Passport	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4969	1999	Honda	Passport	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4970	1999	Honda	Passport	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4971	1999	Honda	Passport	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4972	1999	Honda	Passport	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
4973	1999	Honda	Passport	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451632	ALL
4974	1999	Honda	Passport	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4975	1999	Honda	Passport	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4976	1999	Honda	Passport	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4977	1999	Honda	Passport	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4978	1999	Honda	Passport	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4979	1999	Honda	Passport	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4980	1999	Honda	Passport	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451633	ALL
4981	2000	Honda	Odyssey	3.5	YHNXT03.5EA3	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
4982	2000	Honda	Odyssey	3.5	YHNXT03.5EA3	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
4983	2000	Honda	Odyssey	3.5	YHNXT03.5EA3	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451402	ALL
4984	2000	Honda	Passport	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4985	2000	Honda	Passport	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
4986	2000	Honda	Passport	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4987	2000	Honda	Passport	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
4988	2000	Honda	Passport	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4989	2000	Honda	Passport	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
4990	2000	Honda	Passport	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451632	ALL
4991	2000	Honda	Passport	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451632	ALL
4992	2000	Honda	Passport	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4993	2000	Honda	Passport	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
4994	2000	Honda	Passport	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4995	2000	Honda	Passport	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
4996	2000	Honda	Passport	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4997	2000	Honda	Passport	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
4998	2000	Honda	Passport	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451633	ALL
4999	2000	Honda	Passport	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451633	ALL
5000	2001	Honda	Odyssey	3.5	1HNXT03.5DH2	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
5001	2001	Honda	Odyssey	3.5	1HNXT03.5DH2	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
5002	2001	Honda	Odyssey	3.5	1HNXT03.5DH2	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451402	ALL
5003	2001	Honda	Passport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5004	2001	Honda	Passport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5005	2001	Honda	Passport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5006	2001	Honda	Passport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451632	ALL
5007	2001	Honda	Passport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5008	2001	Honda	Passport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5009	2001	Honda	Passport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5010	2001	Honda	Passport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451633	ALL
5011	2002	Honda	Odyssey	3.5	2HNXT03.51AP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
5012	2002	Honda	Odyssey	3.5	2HNXT03.51AP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
5013	2002	Honda	Odyssey	3.5	2HNXT03.51AP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451402	ALL
5014	2002	Honda	Passport	3.2	2SZXT03.52MK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5015	2002	Honda	Passport	3.2	2SZXT03.52KK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5016	2002	Honda	Passport	3.2	2SZXT03.52MK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
5017	2002	Honda	Passport	3.2	2SZXT03.52KK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5018	2002	Honda	Passport	3.2	2SZXT03.52MK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5019	2002	Honda	Passport	3.2	2SZXT03.52KK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5020	2002	Honda	Passport	3.2	2SZXT03.52KK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5021	2002	Honda	Passport	3.2	2SZXT03.52MK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5022	2002	Honda	Passport	3.2	2SZXT03.52KK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5023	2002	Honda	Passport	3.2	2SZXT03.52MK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5024	2002	Honda	Passport	3.2	2SZXT03.52MK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5025	2002	Honda	Passport	3.2	2SZXT03.52KK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5026	2003	Honda	Odyssey	3.5	3HNXT03.5ZAP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
5027	2003	Honda	Odyssey	3.5	3HNXT03.5ZAP	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
5028	2003	Honda	Odyssey	3.5	3HNXT03.5ZAP	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451402	ALL
5029	2003	Honda	Pilot	3.5	3HNXT03.5DAP	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
5030	2003	Honda	Pilot	3.5	3HNXT03.5DAP	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
5031	2003	Honda	Pilot	3.5	3HNXT03.5DAP	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451356	ALL
5032	2003	Hummer	H2	6	3GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	DIRECT FIT	4451218	ALL
5033	2003	Hummer	H2	6	3GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5034	2003	Hummer	H2	6	3GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5035	2003	Hummer	H2	6	3GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	DIRECT FIT	4451219	ALL
5036	2003	Hummer	H2	6	3GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5037	2003	Hummer	H2	6	3GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5038	2004	Hummer	H2	6	4GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5039	2004	Hummer	H2	6	4GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5040	2004	Hummer	H2	6	4GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5041	2004	Hummer	H2	6	4GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5042	2005	Hummer	H2	6	5GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5043	2005	Hummer	H2	6	5GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5044	2005	Hummer	H2	6	5GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5045	2005	Hummer	H2	6	5GMXT06.0194	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5046	2006	Hummer	H2	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451309	ALL
5047	2006	Hummer	H2	6	6GMXT06.0394	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451309	ALL
5048	1997	Infiniti	QX4	3.3	VNS3.328G2EK	TLEV	LDT2	D	2TWC	2	2	FL	DIRECT FIT	4451498	ALL
5049	1997	Infiniti	QX4	3.3	VNS3.328G2EK	TLEV	LDT2	D	2TWC	2	2	FR	DIRECT FIT	4451499	ALL
5050	1997	Infiniti	QX4	3.3	VNS3.328GKEK	TIER1	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451498	ALL
5051	1997	Infiniti	QX4	3.3	VNS3.328GKEK	TIER1	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451499	ALL
5052	2003	Infiniti	QX4	3.5	3NSXT03.5C7A	LEV1 LEV	LDT2	D	2TWC	2	2	FL	UNIVERSAL	4451304	ALL
5053	2003	Infiniti	QX4	3.5	3NSXT03.5C7A	LEV1 LEV	LDT2	D	2TWC	2	2	FL	UNIVERSAL	4451305	ALL
5054	2003	Infiniti	QX4	3.5	3NSXT03.5C7A	LEV1 LEV	LDT2	D	2TWC	2	2	FR	UNIVERSAL	4451304	ALL
5055	2003	Infiniti	QX4	3.5	3NSXT03.5C7A	LEV1 LEV	LDT2	D	2TWC	2	2	FR	UNIVERSAL	4451305	ALL
5056	1996	Isuzu	Rodeo	2.6	TSZ2.628GKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451354	ALL
5057	1996	Isuzu	Rodeo	2.6	TSZ2.628GKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451355	ALL
5058	1996	Isuzu	Rodeo	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5059	1996	Isuzu	Rodeo	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5060	1996	Isuzu	Rodeo	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
5061	1996	Isuzu	Rodeo	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5062	1996	Isuzu	Rodeo	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5063	1996	Isuzu	Rodeo	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5064	1996	Isuzu	Rodeo	3.2	TSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5065	1996	Isuzu	Rodeo	3.2	TSZ3.22JGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5066	1996	Isuzu	Rodeo	3.2	TSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5067	1996	Isuzu	Rodeo	3.2	TSZ3.22JGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5068	1996	Isuzu	Trooper	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5069	1996	Isuzu	Trooper	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5070	1996	Isuzu	Trooper	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5071	1996	Isuzu	Trooper	3.2	TSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5072	1996	Isuzu	Trooper	3.2	TSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5073	1996	Isuzu	Trooper	3.2	TSZ3.22JGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5074	1996	Isuzu	Trooper	3.2	TSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5075	1996	Isuzu	Trooper	3.2	TSZ3.22JGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5076	1996	Isuzu	Trooper	3.2	TSZ3.22JGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5077	1996	Isuzu	Trooper	3.2	TSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5078	1997	Isuzu	Rodeo	2.6	VSZ2.628GKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5079	1997	Isuzu	Rodeo	2.6	VSZ2.628GKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5080	1997	Isuzu	Rodeo	3.2	VSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5081	1997	Isuzu	Rodeo	3.2	VSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5082	1997	Isuzu	Rodeo	3.2	VSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5083	1997	Isuzu	Rodeo	3.2	VSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5084	1997	Isuzu	Rodeo	3.2	VSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5085	1997	Isuzu	Rodeo	3.2	VSZ3.22JGKGK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5086	1997	Isuzu	Rodeo	3.2	VSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5087	1997	Isuzu	Rodeo	3.2	VSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5088	1997	Isuzu	Trooper	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5089	1997	Isuzu	Trooper	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5090	1997	Isuzu	Trooper	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5091	1997	Isuzu	Trooper	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5092	1997	Isuzu	Trooper	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5093	1997	Isuzu	Trooper	3.2	VSZ3.22JGKEK	TIER1	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5094	1997	Isuzu	Trooper	3.2	VSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5095	1997	Isuzu	Trooper	3.2	VSZ3.22JGKFK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5096	1998	Isuzu	Amigo	2.2	WSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5097	1998	Isuzu	Amigo	2.2	WSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5098	1998	Isuzu	Amigo	2.2	WSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5099	1998	Isuzu	Amigo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5100	1998	Isuzu	Amigo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5101	1998	Isuzu	Amigo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5102	1998	Isuzu	Amigo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5103	1998	Isuzu	Amigo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5104	1998	Isuzu	Amigo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
5105	1998	Isuzu	Hombre	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5106	1998	Isuzu	Hombre	4.3	WGMXT04.3184	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5107	1998	Isuzu	Rodeo	2.2	WSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5108	1998	Isuzu	Rodeo	2.2	WSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5109	1998	Isuzu	Rodeo	2.2	WSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5110	1998	Isuzu	Rodeo	2.2	WSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451623	ALL
5111	1998	Isuzu	Rodeo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5112	1998	Isuzu	Rodeo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5113	1998	Isuzu	Rodeo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5114	1998	Isuzu	Rodeo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451632	ALL
5115	1998	Isuzu	Rodeo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5116	1998	Isuzu	Rodeo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5117	1998	Isuzu	Rodeo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5118	1998	Isuzu	Rodeo	3.2	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451633	ALL
5119	1998	Isuzu	Trooper	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5120	1998	Isuzu	Trooper	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5121	1998	Isuzu	Trooper	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5122	1998	Isuzu	Trooper	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5123	1998	Isuzu	Trooper	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5124	1998	Isuzu	Trooper	3.5	WSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5125	1998	Isuzu	Trooper	3.5	WSZXT03.52FK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5126	1998	Isuzu	Trooper	3.5	WSZXT03.52FK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5127	1999	Isuzu	Amigo	2.2	XSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5128	1999	Isuzu	Amigo	2.2	XSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5129	1999	Isuzu	Amigo	2.2	XSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5130	1999	Isuzu	Amigo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5131	1999	Isuzu	Amigo	3.2	XSZXT03.22JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5132	1999	Isuzu	Amigo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5133	1999	Isuzu	Amigo	3.2	XSZXT03.22JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5134	1999	Isuzu	Amigo	3.2	XSZXT03.22JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5135	1999	Isuzu	Amigo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5136	1999	Isuzu	Amigo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5137	1999	Isuzu	Amigo	3.2	XSZXT03.22JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5138	1999	Isuzu	Amigo	3.2	XSZXT03.22JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5139	1999	Isuzu	Amigo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5140	1999	Isuzu	Amigo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5141	1999	Isuzu	Amigo	3.2	XSZXT03.22JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5142	1999	Isuzu	Rodeo	2.2	XSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	2WD
5143	1999	Isuzu	Rodeo	2.2	XSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	2WD
5144	1999	Isuzu	Rodeo	2.2	XSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	2WD
5145	1999	Isuzu	Rodeo	2.2	XSZXT02.22HK	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451623	ALL
5146	1999	Isuzu	Rodeo	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
5147	1999	Isuzu	Rodeo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5148	1999	Isuzu	Rodeo	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
5149	1999	Isuzu	Rodeo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5150	1999	Isuzu	Rodeo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5151	1999	Isuzu	Rodeo	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5152	1999	Isuzu	Rodeo	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451632	ALL
5153	1999	Isuzu	Rodeo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451632	ALL
5154	1999	Isuzu	Rodeo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5155	1999	Isuzu	Rodeo	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5156	1999	Isuzu	Rodeo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5157	1999	Isuzu	Rodeo	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5158	1999	Isuzu	Rodeo	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
5159	1999	Isuzu	Rodeo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5160	1999	Isuzu	Rodeo	3.2	XSZXT03.22JK	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451633	ALL
5161	1999	Isuzu	Rodeo	3.2	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451633	ALL
5162	1999	Isuzu	Trooper	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5163	1999	Isuzu	Trooper	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5164	1999	Isuzu	Trooper	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5165	1999	Isuzu	Trooper	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5166	1999	Isuzu	Trooper	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5167	1999	Isuzu	Trooper	3.5	XSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5168	2000	Isuzu	Amigo	2.2	YSZXT02.22HK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5169	2000	Isuzu	Amigo	2.2	YSZXT02.22HK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5170	2000	Isuzu	Amigo	2.2	YSZXT02.22HK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5171	2000	Isuzu	Amigo	2.2	YSZXT02.22HK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
5172	2000	Isuzu	Amigo	2.2	YSZXT02.22HK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
5173	2000	Isuzu	Amigo	2.2	YSZXT02.22HK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
5174	2000	Isuzu	Amigo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5175	2000	Isuzu	Amigo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
5176	2000	Isuzu	Amigo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
5177	2000	Isuzu	Amigo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5178	2000	Isuzu	Amigo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5179	2000	Isuzu	Amigo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5180	2000	Isuzu	Amigo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5181	2000	Isuzu	Amigo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5182	2000	Isuzu	Amigo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5183	2000	Isuzu	Amigo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5184	2000	Isuzu	Amigo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5185	2000	Isuzu	Amigo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5186	2000	Isuzu	Rodeo	2.2	YSZXT02.22HK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5187	2000	Isuzu	Rodeo	2.2	YSZXT02.22HK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5188	2000	Isuzu	Rodeo	2.2	YSZXT02.22HK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5189	2000	Isuzu	Rodeo	2.2	YSZXT02.22HK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5190	2000	Isuzu	Rodeo	2.2	YSZXT02.22HK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
5191	2000	Isuzu	Rodeo	2.2	YSZXT02.22HK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5192	2000	Isuzu	Rodeo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
5193	2000	Isuzu	Rodeo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
5194	2000	Isuzu	Rodeo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5195	2000	Isuzu	Rodeo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
5196	2000	Isuzu	Rodeo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5197	2000	Isuzu	Rodeo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
5198	2000	Isuzu	Rodeo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451632	ALL
5199	2000	Isuzu	Rodeo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451632	4WD
5200	2000	Isuzu	Rodeo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5201	2000	Isuzu	Rodeo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	4WD
5202	2000	Isuzu	Rodeo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5203	2000	Isuzu	Rodeo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5204	2000	Isuzu	Rodeo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5205	2000	Isuzu	Rodeo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5206	2000	Isuzu	Rodeo	3.2	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451633	ALL
5207	2000	Isuzu	Rodeo	3.2	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451633	ALL
5208	2000	Isuzu	Trooper	3.5	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5209	2000	Isuzu	Trooper	3.5	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5210	2000	Isuzu	Trooper	3.5	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5211	2000	Isuzu	Trooper	3.5	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5212	2000	Isuzu	Trooper	3.5	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5213	2000	Isuzu	Trooper	3.5	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5214	2000	Isuzu	Trooper	3.5	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5215	2000	Isuzu	Trooper	3.5	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5216	2000	Isuzu	Trooper	3.5	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5217	2000	Isuzu	Trooper	3.5	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5218	2000	Isuzu	Trooper	3.5	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5219	2000	Isuzu	Trooper	3.5	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5220	2000	Isuzu	VehiCROSS	3.5	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5221	2000	Isuzu	VehiCROSS	3.5	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5222	2000	Isuzu	VehiCROSS	3.5	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5223	2000	Isuzu	VehiCROSS	3.5	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5224	2000	Isuzu	VehiCROSS	3.5	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5225	2000	Isuzu	VehiCROSS	3.5	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5226	2000	Isuzu	VehiCROSS	3.5	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5227	2000	Isuzu	VehiCROSS	3.5	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5228	2000	Isuzu	VehiCROSS	3.5	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5229	2000	Isuzu	VehiCROSS	3.5	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5230	2000	Isuzu	VehiCROSS	3.5	YSZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5231	2000	Isuzu	VehiCROSS	3.5	YSZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5232	2001	Isuzu	Rodeo Sport	2.2	1SZXT02.22LK	LEV1 LEV	LDT2	S	TWC	1	1	FR	UNIVERSAL	4451304	2WD
5233	2001	Isuzu	Rodeo Sport	2.2	1SZXT02.22LK	LEV1 LEV	LDT2	S	TWC	1	1	FR	UNIVERSAL	4451305	ALL
5234	2001	Isuzu	Rodeo Sport	2.2	1SZXT02.22LK	LEV1 LEV	LDT2	S	TWC	1	1	FR	UNIVERSAL	4451306	2WD
5235	2001	Isuzu	Rodeo Sport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5236	2001	Isuzu	Rodeo Sport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
5237	2001	Isuzu	Rodeo Sport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5238	2001	Isuzu	Rodeo Sport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5239	2001	Isuzu	Rodeo Sport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
5240	2001	Isuzu	Rodeo Sport	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
5241	2001	Isuzu	Rodeo	2.2	1SZXT02.22LK	LEV1 LEV	LDT2	S	TWC	1	1	FR	UNIVERSAL	4451304	2WD
5242	2001	Isuzu	Rodeo	2.2	1SZXT02.22LK	LEV1 LEV	LDT2	S	TWC	1	1	FR	UNIVERSAL	4451305	2WD
5243	2001	Isuzu	Rodeo	2.2	1SZXT02.22LK	LEV1 LEV	LDT2	S	TWC	1	1	FR	UNIVERSAL	4451306	ALL
5244	2001	Isuzu	Rodeo	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5245	2001	Isuzu	Rodeo	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5246	2001	Isuzu	Rodeo	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5247	2001	Isuzu	Rodeo	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5248	2001	Isuzu	Rodeo	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5249	2001	Isuzu	Rodeo	3.2	1SZXT03.22KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5250	2001	Isuzu	Trooper	3.5	1SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5251	2001	Isuzu	Trooper	3.5	1SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
5252	2001	Isuzu	Trooper	3.5	1SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5253	2001	Isuzu	Trooper	3.5	1SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5254	2001	Isuzu	Trooper	3.5	1SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5255	2001	Isuzu	Trooper	3.5	1SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5256	2001	Isuzu	VehiCROSS	3.5	1SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
5257	2001	Isuzu	VehiCROSS	3.5	1SZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5258	2001	Isuzu	VehiCROSS	3.5	1SZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5259	2001	Isuzu	VehiCROSS	3.5	1SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5260	2001	Isuzu	VehiCROSS	3.5	1SZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
5261	2001	Isuzu	VehiCROSS	3.5	1SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5262	2001	Isuzu	VehiCROSS	3.5	1SZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5263	2001	Isuzu	VehiCROSS	3.5	1SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
5264	2001	Isuzu	VehiCROSS	3.5	1SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5265	2001	Isuzu	VehiCROSS	3.5	1SZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
5266	2001	Isuzu	VehiCROSS	3.5	1SZXT03.52GK	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
5267	2001	Isuzu	VehiCROSS	3.5	1SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
5268	2002	Isuzu	Axiom	3.5	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5269	2002	Isuzu	Axiom	3.5	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
5270	2002	Isuzu	Axiom	3.5	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5271	2002	Isuzu	Axiom	3.5	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5272	2002	Isuzu	Axiom	3.5	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5273	2002	Isuzu	Axiom	3.5	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5274	2002	Isuzu	Axiom	3.5	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5275	2002	Isuzu	Axiom	3.5	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5276	2002	Isuzu	Axiom	3.5	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5277	2002	Isuzu	Axiom	3.5	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5278	2002	Isuzu	Axiom	3.5	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5279	2002	Isuzu	Axiom	3.5	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5280	2002	Isuzu	Rodeo Sport	3.2	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
5281	2002	Isuzu	Rodeo Sport	3.2	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5282	2002	Isuzu	Rodeo Sport	3.2	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5283	2002	Isuzu	Rodeo Sport	3.2	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5284	2002	Isuzu	Rodeo Sport	3.2	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5285	2002	Isuzu	Rodeo Sport	3.2	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5286	2002	Isuzu	Rodeo Sport	3.2	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5287	2002	Isuzu	Rodeo Sport	3.2	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5288	2002	Isuzu	Rodeo Sport	3.2	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5289	2002	Isuzu	Rodeo Sport	3.2	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5290	2002	Isuzu	Rodeo Sport	3.2	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5291	2002	Isuzu	Rodeo Sport	3.2	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5292	2002	Isuzu	Rodeo	3.2	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5293	2002	Isuzu	Rodeo	3.2	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5294	2002	Isuzu	Rodeo	3.2	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5295	2002	Isuzu	Rodeo	3.2	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5296	2002	Isuzu	Rodeo	3.2	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5297	2002	Isuzu	Rodeo	3.2	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5298	2002	Isuzu	Rodeo	3.2	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5299	2002	Isuzu	Rodeo	3.2	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5300	2002	Isuzu	Rodeo	3.2	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5301	2002	Isuzu	Rodeo	3.2	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5302	2002	Isuzu	Rodeo	3.2	2SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5303	2002	Isuzu	Rodeo	3.2	2SZXT03.52KK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5304	2002	Isuzu	Trooper	3.5	2SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5305	2002	Isuzu	Trooper	3.5	2SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5306	2002	Isuzu	Trooper	3.5	2SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5307	2002	Isuzu	Trooper	3.5	2SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5308	2002	Isuzu	Trooper	3.5	2SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5309	2002	Isuzu	Trooper	3.5	2SZXT03.52JK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5310	2003	Isuzu	Ascender	4.2	3GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5311	2003	Isuzu	Ascender	4.2	3GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5312	2003	Isuzu	Ascender	4.2	3GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	2WD
5313	2003	Isuzu	Ascender	4.2	3GMXA04.2187	LEV1 LEV	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5314	2003	Isuzu	Ascender	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5315	2003	Isuzu	Ascender	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5316	2003	Isuzu	Ascender	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
5317	2003	Isuzu	Ascender	5.3	3GMXT05.3183	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
5318	2003	Isuzu	Axiom	3.5	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5319	2003	Isuzu	Axiom	3.5	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
5320	2003	Isuzu	Axiom	3.5	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
5321	2003	Isuzu	Axiom	3.5	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
5322	2003	Isuzu	Axiom	3.5	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	2WD
5323	2003	Isuzu	Axiom	3.5	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
5324	2003	Isuzu	Rodeo Sport	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
5325	2003	Isuzu	Rodeo Sport	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5326	2003	Isuzu	Rodeo Sport	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	2WD
5327	2003	Isuzu	Rodeo Sport	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5328	2003	Isuzu	Rodeo Sport	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5329	2003	Isuzu	Rodeo Sport	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	2WD
5330	2003	Isuzu	Rodeo	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5331	2003	Isuzu	Rodeo	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5332	2003	Isuzu	Rodeo	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5333	2003	Isuzu	Rodeo	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5334	2003	Isuzu	Rodeo	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5335	2003	Isuzu	Rodeo	3.2	3SZXT03.52MK	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5336	2004	Isuzu	Ascender	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451172	ALL
5337	2004	Isuzu	Ascender	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451305	ALL
5338	2004	Isuzu	Ascender	5.3	4GMXT05.3170	LEV1 LEV	MDV2	D	2TWC	2	2	U	UNIVERSAL	4451306	ALL
5339	1996	Jeep	Cherokee	4	TCR24228G1FK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451226	ALL
5340	1996	Jeep	Cherokee	4	TCR24228G1FK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5341	1996	Jeep	Cherokee	4	TCR24228G1FK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5342	1996	Jeep	Grand Cherokee	4	TCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451226	ALL
5343	1996	Jeep	Grand Cherokee	4	TCR24228G1FK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451226	ALL
5344	1996	Jeep	Grand Cherokee	4	TCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5345	1996	Jeep	Grand Cherokee	4	TCR24228G1FK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5346	1996	Jeep	Grand Cherokee	4	TCR24228G1FK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5347	1996	Jeep	Grand Cherokee	4	TCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5348	1996	Jeep	Grand Cherokee	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451226	2WD
5349	1996	Jeep	Grand Cherokee	5.2	TCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451226	ALL
5350	1996	Jeep	Grand Cherokee	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451226	ALL
5351	1996	Jeep	Grand Cherokee	5.2	TCR31828G1EL	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451226	4WD
5352	1996	Jeep	Grand Cherokee	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5353	1996	Jeep	Grand Cherokee	5.2	TCR360H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5354	1996	Jeep	Grand Cherokee	5.2	TCR36028G1EL	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5355	1996	Jeep	Grand Cherokee	5.2	TCR31828G1EL	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5356	1996	Jeep	Grand Cherokee	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5357	1996	Jeep	Grand Cherokee	5.2	TCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5358	1996	Jeep	Grand Cherokee	5.2	TCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5359	1996	Jeep	Grand Cherokee	5.2	TCR31828G1EL	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5360	1996	Jeep	Grand Cherokee	5.2	TCR31828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5361	1996	Jeep	Grand Cherokee	5.2	TCR36028G1EL	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5362	1997	Jeep	Cherokee	4	VCR24228G1EL	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451226	ALL
5363	1997	Jeep	Cherokee	4	VCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451226	ALL
5364	1997	Jeep	Cherokee	4	VCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5365	1997	Jeep	Cherokee	4	VCR24228G1EL	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5366	1997	Jeep	Cherokee	4	VCR24228G1EL	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5367	1997	Jeep	Cherokee	4	VCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5368	1997	Jeep	Grand Cherokee	4	VCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451226	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
5369	1997	Jeep	Grand Cherokee	4	VCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5370	1997	Jeep	Grand Cherokee	4	VCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5371	1997	Jeep	Grand Cherokee	4	VCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5372	1997	Jeep	Grand Cherokee	4	VCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5373	1997	Jeep	Grand Cherokee	5.2	VCR36028G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451226	ALL
5374	1997	Jeep	Grand Cherokee	5.2	VCR318H8G1EK	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451226	ALL
5375	1997	Jeep	Grand Cherokee	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	DIRECT FIT	4451226	ALL
5376	1997	Jeep	Grand Cherokee	5.2	VCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451226	ALL
5377	1997	Jeep	Grand Cherokee	5.2	VCR318H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5378	1997	Jeep	Grand Cherokee	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5379	1997	Jeep	Grand Cherokee	5.2	VCR318H8G1EK	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5380	1997	Jeep	Grand Cherokee	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5381	1997	Jeep	Grand Cherokee	5.2	VCR36028G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5382	1997	Jeep	Grand Cherokee	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5383	1997	Jeep	Grand Cherokee	5.2	VCR360H8G1EL	TIER1	MDV2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5384	1997	Jeep	Grand Cherokee	5.2	VCR36028G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5385	1997	Jeep	Wrangler	4	VCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5386	1997	Jeep	Wrangler	4	VCR24228G1EL	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5387	1997	Jeep	Wrangler	4	VCR24228G1EL	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5388	1997	Jeep	Wrangler	4	VCR24228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5389	1998	Jeep	Grand Cherokee	5.2	WCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451226	2WD
5390	1998	Jeep	Grand Cherokee	5.2	WCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	2WD
5391	1998	Jeep	Grand Cherokee	5.2	WCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	2WD
5392	1998	Jeep	Grand Cherokee	5.9	WCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451226	2WD
5393	1998	Jeep	Grand Cherokee	5.9	WCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	2WD
5394	1998	Jeep	Grand Cherokee	5.9	WCRXT0360211	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	2WD
5395	2002	Jeep	Liberty	2.4	2CRXT02.42D5	LEV1 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	4451336	2WD
5396	2002	Jeep	Liberty	2.4	2CRXT02.42D5	LEV1 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	4451336	2WD
5397	2003	Jeep	Liberty	2.4	3CRXT02.43D0	LEV1 LEV	LDT2	S	TWC(2)	2	1	F	UNIVERSAL	4451336	2WD
5398	2003	Jeep	Liberty	2.4	3CRXT02.43D0	LEV1 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	4451336	2WD
5399	1995	Land Rover	Range Rover	4	SLR4.0H8G0EK	TIER0	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5400	1995	Land Rover	Range Rover	4	SLR4.0H8G0EK	TIER0	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5401	1995	Land Rover	Range Rover	4	SLR4.0H8G0EK	TIER0	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5402	1995	Land Rover	Range Rover	4	SLR4.0H8G0EK	TIER0	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5403	1996	Land Rover	Discovery	4	TLR4.6H8G1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5404	1996	Land Rover	Discovery	4	TLR4.658GFFK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5405	1996	Land Rover	Discovery	4	TLR4.658GFFK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5406	1996	Land Rover	Discovery	4	TLR4.6H8G1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5407	1996	Land Rover	Discovery	4	TLR4.658GFFK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5408	1996	Land Rover	Discovery	4	TLR4.6H8G1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5409	1996	Land Rover	Discovery	4	TLR4.6H8G1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5410	1996	Land Rover	Discovery	4	TLR4.658GFFK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5411	1996	Land Rover	Range Rover	4	TLR4.6H8G1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5412	1996	Land Rover	Range Rover	4	TLR4.658GFFK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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	1996	Land Rover	Range Rover	4	TLR4.658GFFK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5414	1996	Land Rover	Range Rover	4	TLR4.6H8G1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5415	1996	Land Rover	Range Rover	4	TLR4.6H8G1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5416	1996	Land Rover	Range Rover	4	TLR4.658GFFK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5417	1996	Land Rover	Range Rover	4	TLR4.658GFFK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5418	1996	Land Rover	Range Rover	4	TLR4.6H8G1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5419	1996	Land Rover	Range Rover	4.6	TLR4.6H8G1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5420	1996	Land Rover	Range Rover	4.6	TLR4.658GFFK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5421	1996	Land Rover	Range Rover	4.6	TLR4.658GFFK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5422	1996	Land Rover	Range Rover	4.6	TLR4.6H8G1EK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5423	1996	Land Rover	Range Rover	4.6	TLR4.6H8G1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5424	1996	Land Rover	Range Rover	4.6	TLR4.658GFFK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5425	1996	Land Rover	Range Rover	4.6	TLR4.6H8G1EK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5426	1996	Land Rover	Range Rover	4.6	TLR4.658GFFK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5427	1997	Land Rover	Defender 90	4	VLR4.658GFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
5428	1997	Land Rover	Defender 90	4	VLR4.658GFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5429	1997	Land Rover	Defender 90	4	VLR4.658GFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	2WD
5430	1997	Land Rover	Defender 90	4	VLR4.658GFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5431	1997	Land Rover	Discovery	4	VLR4.058GFFK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5432	1997	Land Rover	Discovery	4	VLR4.658GFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
5433	1997	Land Rover	Discovery	4	VLR4.658GFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5434	1997	Land Rover	Discovery	4	VLR4.058GFFK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5435	1997	Land Rover	Discovery	4	VLR4.058GFFK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5436	1997	Land Rover	Discovery	4	VLR4.658GFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5437	1997	Land Rover	Discovery	4	VLR4.658GFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5438	1997	Land Rover	Discovery	4	VLR4.058GFFK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5439	1997	Land Rover	Range Rover	4.6	VLR4.658GFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5440	1997	Land Rover	Range Rover	4.6	VLR4.658GFEK	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5441	1997	Land Rover	Range Rover	4.6	VLR4.658GFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5442	1997	Land Rover	Range Rover	4.6	VLR4.658GFEK	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5443	1998	Land Rover	Discovery	4	WLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	2WD
5444	1998	Land Rover	Discovery	4	WLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	2WD
5445	1998	Land Rover	Discovery	4	WLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5446	1998	Land Rover	Discovery	4	WLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5447	1998	Land Rover	Range Rover	4	WLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5448	1998	Land Rover	Range Rover	4	WLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5449	1998	Land Rover	Range Rover	4	WLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5450	1998	Land Rover	Range Rover	4	WLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5451	1998	Land Rover	Range Rover	4.6	WLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5452	1998	Land Rover	Range Rover	4.6	WLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5453	1998	Land Rover	Range Rover	4.6	WLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5454	1998	Land Rover	Range Rover	4.6	WLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5455	1999	Land Rover	Discovery	4	XLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5456	1999	Land Rover	Discovery	4	XLRXT04.6002	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
5457	1999	Land Rover	Discovery	4	XLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5458	1999	Land Rover	Discovery	4	XLRXT04.6002	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5459	1999	Land Rover	Discovery	4	XLRXT04.6002	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5460	1999	Land Rover	Discovery	4	XLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5461	1999	Land Rover	Discovery	4	XLRXT04.6002	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5462	1999	Land Rover	Discovery	4	XLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5463	1999	Land Rover	Range Rover	4	XLRXT04.6002	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5464	1999	Land Rover	Range Rover	4	XLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5465	1999	Land Rover	Range Rover	4	XLRXT04.6002	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5466	1999	Land Rover	Range Rover	4	XLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5467	1999	Land Rover	Range Rover	4	XLRXT04.6002	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5468	1999	Land Rover	Range Rover	4	XLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5469	1999	Land Rover	Range Rover	4	XLRXT04.6002	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5470	1999	Land Rover	Range Rover	4	XLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5471	1999	Land Rover	Range Rover	4.6	XLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5472	1999	Land Rover	Range Rover	4.6	XLRXT04.6002	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5473	1999	Land Rover	Range Rover	4.6	XLRXT04.6002	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5474	1999	Land Rover	Range Rover	4.6	XLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5475	1999	Land Rover	Range Rover	4.6	XLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5476	1999	Land Rover	Range Rover	4.6	XLRXT04.6002	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5477	1999	Land Rover	Range Rover	4.6	XLRXT04.6002	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5478	1999	Land Rover	Range Rover	4.6	XLRXT04.6001	TIER1	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5479	2000	Land Rover	Discovery	4	YLRXT04.6002	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5480	2000	Land Rover	Discovery	4	YLRXT04.6002	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5481	2000	Land Rover	Discovery	4	YLRXT04.6002	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5482	2000	Land Rover	Discovery	4	YLRXT04.6002	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5483	2000	Land Rover	Range Rover	4	YLRXT04.6002	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5484	2000	Land Rover	Range Rover	4	YLRXT04.6002	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5485	2000	Land Rover	Range Rover	4	YLRXT04.6002	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5486	2000	Land Rover	Range Rover	4	YLRXT04.6002	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5487	2000	Land Rover	Range Rover	4.6	YLRXT04.6002	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5488	2000	Land Rover	Range Rover	4.6	YLRXT04.6002	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5489	2000	Land Rover	Range Rover	4.6	YLRXT04.6002	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5490	2000	Land Rover	Range Rover	4.6	YLRXT04.6002	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5491	2001	Land Rover	Discovery	4	1LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5492	2001	Land Rover	Discovery	4	1LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5493	2001	Land Rover	Discovery	4	1LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5494	2001	Land Rover	Discovery	4	1LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5495	2001	Land Rover	Range Rover	4.6	1LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5496	2001	Land Rover	Range Rover	4.6	1LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5497	2001	Land Rover	Range Rover	4.6	1LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5498	2001	Land Rover	Range Rover	4.6	1LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5499	2002	Land Rover	Discovery	4	2LRXT04.6003	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5500	2002	Land Rover	Discovery	4	2LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
5501	2002	Land Rover	Discovery	4	2LRXT04.6003	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5502	2002	Land Rover	Discovery	4	2LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5503	2002	Land Rover	Discovery	4	2LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5504	2002	Land Rover	Discovery	4	2LRXT04.6003	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5505	2002	Land Rover	Discovery	4	2LRXT04.6003	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5506	2002	Land Rover	Discovery	4	2LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5507	2002	Land Rover	Freelander	2.5	2LRXT02.5001	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5508	2002	Land Rover	Freelander	2.5	2LRXT02.5001	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5509	2002	Land Rover	Freelander	2.5	2LRXT02.5001	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5510	2002	Land Rover	Freelander	2.5	2LRXT02.5001	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5511	2002	Land Rover	Range Rover	4.6	2LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5512	2002	Land Rover	Range Rover	4.6	2LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5513	2002	Land Rover	Range Rover	4.6	2LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5514	2002	Land Rover	Range Rover	4.6	2LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5515	2003	Land Rover	Freelander	2.5	3LRXT02.5001	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5516	2003	Land Rover	Freelander	2.5	3LRXT02.5002	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5517	2003	Land Rover	Freelander	2.5	3LRXT02.5002	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5518	2003	Land Rover	Freelander	2.5	3LRXT02.5001	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5519	2003	Land Rover	Freelander	2.5	3LRXT02.5001	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5520	2003	Land Rover	Freelander	2.5	3LRXT02.5002	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5521	2003	Land Rover	Freelander	2.5	3LRXT02.5002	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5522	2003	Land Rover	Freelander	2.5	3LRXT02.5001	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5523	2003	Land Rover	Range Rover	4.4	3LRXT04.4001	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5524	2003	Land Rover	Range Rover	4.4	3LRXT04.4001	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5525	2003	Land Rover	Range Rover	4.4	3LRXT04.4001	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5526	2003	Land Rover	Range Rover	4.4	3LRXT04.4001	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5527	2004	Land Rover	Discovery	4.6	4LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5528	2004	Land Rover	Discovery	4.6	4LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5529	2004	Land Rover	Discovery	4.6	4LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5530	2004	Land Rover	Discovery	4.6	4LRXT04.6001	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5531	2004	Land Rover	Range Rover	4.4	4LRXT04.4001	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5532	2004	Land Rover	Range Rover	4.4	4LRXT04.4001	LEV1 LEV	MDV3	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5533	2004	Land Rover	Range Rover	4.4	4LRXT04.4001	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5534	2004	Land Rover	Range Rover	4.4	4LRXT04.4001	LEV1 LEV	MDV3	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5535	2005	Lincoln	Navigator	5.4	5FMXX05.4F9R	LEV1 LEV	MDV4	D	2TWC	2	2	UL	DIRECT FIT	4451166	ALL
5536	2005	Lincoln	Navigator	5.4	5FMXX05.4F9R	LEV1 LEV	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451354	ALL
5537	2005	Lincoln	Navigator	5.4	5FMXX05.4F9R	LEV1 LEV	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451355	ALL
5538	2005	Lincoln	Navigator	5.4	5FMXX05.4F9R	LEV1 LEV	MDV4	D	2TWC	2	2	UL	UNIVERSAL	4451356	ALL
5539	2005	Lincoln	Navigator	5.4	5FMXX05.4F9R	LEV1 LEV	MDV4	D	2TWC	2	2	UR	DIRECT FIT	4451165	ALL
5540	2005	Lincoln	Navigator	5.4	5FMXX05.4F9R	LEV1 LEV	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451354	ALL
5541	2005	Lincoln	Navigator	5.4	5FMXX05.4F9R	LEV1 LEV	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451355	ALL
5542	2005	Lincoln	Navigator	5.4	5FMXX05.4F9R	LEV1 LEV	MDV4	D	2TWC	2	2	UR	UNIVERSAL	4451356	ALL
5543	1998	Mercury	Mountaineer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5544	1998	Mercury	Mountaineer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
5545	1998	Mercury	Mountaineer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5546	1998	Mercury	Mountaineer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5547	1998	Mercury	Mountaineer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5548	1998	Mercury	Mountaineer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5549	1998	Mercury	Mountaineer	4	WFMXT04.0FAA	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451314	ALL
5550	1999	Mercury	Mountaineer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5551	1999	Mercury	Mountaineer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5552	1999	Mercury	Mountaineer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5553	1999	Mercury	Mountaineer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451315	ALL
5554	1999	Mercury	Mountaineer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5555	1999	Mercury	Mountaineer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5556	1999	Mercury	Mountaineer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5557	1999	Mercury	Mountaineer	4	XFMXT04.02GF	LEV1 LEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451314	ALL
5558	2000	Mercury	Mountaineer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5559	2000	Mercury	Mountaineer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5560	2000	Mercury	Mountaineer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5561	2000	Mercury	Mountaineer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5562	2000	Mercury	Mountaineer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5563	2000	Mercury	Mountaineer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5564	2000	Mercury	Mountaineer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5565	2000	Mercury	Mountaineer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5566	2000	Mercury	Mountaineer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451306	ALL
5567	2000	Mercury	Mountaineer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451315	ALL
5568	2000	Mercury	Mountaineer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451315	ALL
5569	2000	Mercury	Mountaineer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UL	DIRECT FIT	4451315	ALL
5570	2000	Mercury	Mountaineer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5571	2000	Mercury	Mountaineer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5572	2000	Mercury	Mountaineer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5573	2000	Mercury	Mountaineer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5574	2000	Mercury	Mountaineer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5575	2000	Mercury	Mountaineer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5576	2000	Mercury	Mountaineer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5577	2000	Mercury	Mountaineer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5578	2000	Mercury	Mountaineer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451306	ALL
5579	2000	Mercury	Mountaineer	4	YFMXT04.02D5	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451314	ALL
5580	2000	Mercury	Mountaineer	4	YFMXT04.02D6	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451314	ALL
5581	2000	Mercury	Mountaineer	4	YFMXT04.02F3	TLEV	LDT2	D	2TWC	2	2	UR	DIRECT FIT	4451314	ALL
5582	1996	Mitsubishi	Montero	3.5	TMT3.52JGKEK	TIER1	LDT2	S	TWC	1	1	FR	UNIVERSAL	4451304	ALL
5583	1996	Mitsubishi	Montero	3.5	TMT3.52JGKEK	TIER1	LDT2	S	TWC	1	1	FR	UNIVERSAL	4451305	ALL
5584	2006	Mitsubishi	Raider	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	U	DIRECT FIT	4451627	ALL
5585	2006	Mitsubishi	Raider	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
5586	2006	Mitsubishi	Raider	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
5587	2006	Mitsubishi	Raider	3.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
5588	2006	Mitsubishi	Raider	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
5589	2006	Mitsubishi	Raider	3.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
5590	2006	Mitsubishi	Raider	3.7	6CRXT03.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
5591	2006	Mitsubishi	Raider	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451334	ALL
5592	2006	Mitsubishi	Raider	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451335	ALL
5593	2006	Mitsubishi	Raider	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UL	UNIVERSAL	4451336	ALL
5594	2006	Mitsubishi	Raider	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451334	ALL
5595	2006	Mitsubishi	Raider	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451335	ALL
5596	2006	Mitsubishi	Raider	4.7	6CRXT04.75S2	LEV1 LEV	MDV2	D	2TWC	2	2	UR	UNIVERSAL	4451336	ALL
5597	1996	Nissan	Pathfinder	3.3	TNS3.328G2EK	TLEV	LDT2	D	2TWC	2	2	FL	DIRECT FIT	4451498	ALL
5598	1996	Nissan	Pathfinder	3.3	TNS3.328G2EK	TLEV	LDT2	D	2TWC	2	2	FR	DIRECT FIT	4451499	ALL
5599	1997	Nissan	Pathfinder	3.3	VNS3.328G2EK	TLEV	LDT2	D	2TWC	2	2	FL	DIRECT FIT	4451498	ALL
5600	1997	Nissan	Pathfinder	3.3	VNS3.328G2EK	TLEV	LDT2	D	2TWC	2	2	FR	DIRECT FIT	4451499	ALL
5601	1999	Nissan	Quest	3.3	XNSXT03.335C	LEV1 LEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	4451304	ALL
5602	1999	Nissan	Quest	3.3	XNSXT03.335C	LEV1 LEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	4451305	ALL
5603	1999	Nissan	Quest	3.3	XNSXT03.335C	LEV1 LEV	LDT2	D	2TWC	2	2	F	UNIVERSAL	4451306	ALL
5604	1999	Nissan	Quest	3.3	XNSXT03.335C	LEV1 LEV	LDT2	D	2TWC	2	2	FR	UNIVERSAL	4451304	ALL
5605	1999	Nissan	Quest	3.3	XNSXT03.335C	LEV1 LEV	LDT2	D	2TWC	2	2	FR	UNIVERSAL	4451305	ALL
5606	1999	Nissan	Quest	3.3	XNSXT03.335C	LEV1 LEV	LDT2	D	2TWC	2	2	FR	UNIVERSAL	4451306	ALL
5607	2003	Nissan	Pathfinder	3.5	3NSXT03.5C7A	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5608	2003	Nissan	Pathfinder	3.5	3NSXT03.5C7A	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5609	2003	Nissan	Pathfinder	3.5	3NSXT03.5C7A	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5610	2003	Nissan	Pathfinder	3.5	3NSXT03.5C7A	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5611	2004	Nissan	Titan	5.6	4NSXT05.6M9A	LEV1 LEV	LDT2	D	2TWC	2	2	FL	DIRECT FIT	4451500	ALL
5612	2004	Nissan	Titan	5.6	4NSXT05.6M9A	LEV1 LEV	LDT2	D	2TWC	2	2	FR	DIRECT FIT	4451501	ALL
5613	2005	Nissan	Titan	5.6	5NSXT05.6M9A	LEV1 LEV	LDT2	D	2TWC	2	2	FL	DIRECT FIT	4451500	ALL
5614	2005	Nissan	Titan	5.6	5NSXT05.6M9A	LEV1 LEV	LDT2	D	2TWC	2	2	FR	DIRECT FIT	4451501	ALL
5615	2006	Nissan	Titan	5.6	6NSXT05.6M9A	LEV1 LEV	LDT2	D	2TWC	2	2	FL	DIRECT FIT	4451500	ALL
5616	2006	Nissan	Titan	5.6	6NSXT05.6M9A	LEV1 LEV	LDT2	D	2TWC	2	2	FR	DIRECT FIT	4451501	ALL
5617	1996	Oldsmobile	Bravada	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5618	1996	Oldsmobile	Bravada	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5619	1996	Oldsmobile	Bravada	4.3	TGM4.32PGKEK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451455	ALL
5620	1996	Oldsmobile	Silhouette	3.4	TGM3.428GFKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5621	1996	Oldsmobile	Silhouette	3.4	TGM3.428GFKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5622	1997	Oldsmobile	Bravada	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5623	1997	Oldsmobile	Bravada	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5624	1997	Oldsmobile	Bravada	4.3	VGM4.32PG1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451455	ALL
5625	1997	Oldsmobile	Silhouette	3.4	VGM3.428G2EK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5626	1997	Oldsmobile	Silhouette	3.4	VGM3.428G2EK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5627	1998	Oldsmobile	Silhouette	3.4	WGMXT03.4142	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5628	1998	Oldsmobile	Silhouette	3.4	WGMXT03.4142	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5629	1999	Oldsmobile	Silhouette	3.4	XGMXT03.4142	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5630	1999	Oldsmobile	Silhouette	3.4	XGMXT03.4142	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5631	2000	Oldsmobile	Silhouette	3.4	YGMXT03.4142	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451216	ALL
5632	2000	Oldsmobile	Silhouette	3.4	YGMXT03.4142	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
5633	2000	Oldsmobile	Silhouette	3.4	YGMXT03.4142	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5634	2002	Oldsmobile	Bravada	4.2	2GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451217	ALL
5635	2002	Oldsmobile	Bravada	4.2	2GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5636	2002	Oldsmobile	Bravada	4.2	2GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5637	2003	Oldsmobile	Bravada	4.2	3GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451217	ALL
5638	2003	Oldsmobile	Bravada	4.2	3GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5639	2003	Oldsmobile	Bravada	4.2	3GMXT04.2185	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5640	2003	Oldsmobile	Silhouette	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451208	ALL
5641	2003	Oldsmobile	Silhouette	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5642	2003	Oldsmobile	Silhouette	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5643	1996	Plymouth	Grand Voyager	2.4	TCR2.428GFKE	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451221	ALL
5644	1996	Plymouth	Grand Voyager	2.4	TCR2.428GFKE	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5645	1996	Plymouth	Grand Voyager	2.4	TCR2.428GFKE	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5646	1996	Plymouth	Grand Voyager	2.4	TCR2.428GFKE	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5647	1996	Plymouth	Grand Voyager	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451167	ALL
5648	1996	Plymouth	Grand Voyager	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5649	1996	Plymouth	Grand Voyager	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5650	1996	Plymouth	Grand Voyager	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5651	1996	Plymouth	Grand Voyager	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5652	1996	Plymouth	Grand Voyager	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5653	1996	Plymouth	Grand Voyager	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5654	1996	Plymouth	Grand Voyager	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5655	1996	Plymouth	Grand Voyager	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5656	1996	Plymouth	Grand Voyager	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5657	1996	Plymouth	Grand Voyager	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5658	1996	Plymouth	Grand Voyager	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5659	1996	Plymouth	Voyager	2.4	TCR2.428GFKE	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451221	ALL
5660	1996	Plymouth	Voyager	2.4	TCR2.428GFKE	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5661	1996	Plymouth	Voyager	2.4	TCR2.428GFKE	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5662	1996	Plymouth	Voyager	2.4	TCR2.428GFKE	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5663	1996	Plymouth	Voyager	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451167	ALL
5664	1996	Plymouth	Voyager	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5665	1996	Plymouth	Voyager	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5666	1996	Plymouth	Voyager	3	TCR18128G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5667	1996	Plymouth	Voyager	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5668	1996	Plymouth	Voyager	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5669	1996	Plymouth	Voyager	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5670	1996	Plymouth	Voyager	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5671	1996	Plymouth	Voyager	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5672	1996	Plymouth	Voyager	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5673	1996	Plymouth	Voyager	3.3	TCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5674	1996	Plymouth	Voyager	3.3	TCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5675	1997	Plymouth	Grand Voyager	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5676	1997	Plymouth	Grand Voyager	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
5677	1997	Plymouth	Grand Voyager	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5678	1997	Plymouth	Grand Voyager	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5679	1997	Plymouth	Grand Voyager	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5680	1997	Plymouth	Grand Voyager	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5681	1997	Plymouth	Grand Voyager	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5682	1997	Plymouth	Grand Voyager	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5683	1997	Plymouth	Grand Voyager	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5684	1997	Plymouth	Grand Voyager	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5685	1997	Plymouth	Grand Voyager	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5686	1997	Plymouth	Voyager	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451221	ALL
5687	1997	Plymouth	Voyager	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5688	1997	Plymouth	Voyager	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5689	1997	Plymouth	Voyager	2.4	VCR14828G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5690	1997	Plymouth	Voyager	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5691	1997	Plymouth	Voyager	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5692	1997	Plymouth	Voyager	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5693	1997	Plymouth	Voyager	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5694	1997	Plymouth	Voyager	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5695	1997	Plymouth	Voyager	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5696	1997	Plymouth	Voyager	3.3	VCR20128G2FL	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5697	1997	Plymouth	Voyager	3.3	VCR23228G1EK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5698	1998	Plymouth	Grand Voyager	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5699	1998	Plymouth	Grand Voyager	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5700	1998	Plymouth	Grand Voyager	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5701	1998	Plymouth	Grand Voyager	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5702	1998	Plymouth	Grand Voyager	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5703	1998	Plymouth	Grand Voyager	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5704	1998	Plymouth	Grand Voyager	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5705	1998	Plymouth	Grand Voyager	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5706	1998	Plymouth	Grand Voyager	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5707	1998	Plymouth	Grand Voyager	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5708	1998	Plymouth	Grand Voyager	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5709	1998	Plymouth	Grand Voyager	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5710	1998	Plymouth	Voyager	2.4	WCRXT02.42B0	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451221	ALL
5711	1998	Plymouth	Voyager	2.4	WCRXT02.42B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5712	1998	Plymouth	Voyager	2.4	WCRXT02.42B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5713	1998	Plymouth	Voyager	2.4	WCRXT02.42B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5714	1998	Plymouth	Voyager	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5715	1998	Plymouth	Voyager	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5716	1998	Plymouth	Voyager	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5717	1998	Plymouth	Voyager	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5718	1998	Plymouth	Voyager	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5719	1998	Plymouth	Voyager	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5720	1998	Plymouth	Voyager	3.3	WCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
5721	1998	Plymouth	Voyager	3.3	WCRXA0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5722	1998	Plymouth	Voyager	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5723	1998	Plymouth	Voyager	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5724	1998	Plymouth	Voyager	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5725	1998	Plymouth	Voyager	3.8	WCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5726	1999	Plymouth	Grand Voyager	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5727	1999	Plymouth	Grand Voyager	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5728	1999	Plymouth	Grand Voyager	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5729	1999	Plymouth	Grand Voyager	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5730	1999	Plymouth	Grand Voyager	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5731	1999	Plymouth	Grand Voyager	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5732	1999	Plymouth	Grand Voyager	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5733	1999	Plymouth	Grand Voyager	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5734	1999	Plymouth	Grand Voyager	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5735	1999	Plymouth	Grand Voyager	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5736	1999	Plymouth	Grand Voyager	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5737	1999	Plymouth	Grand Voyager	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5738	1999	Plymouth	Grand Voyager	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5739	1999	Plymouth	Grand Voyager	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5740	1999	Plymouth	Grand Voyager	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5741	1999	Plymouth	Grand Voyager	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	2WD
5742	1999	Plymouth	Grand Voyager	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	2WD
5743	1999	Plymouth	Grand Voyager	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	2WD
5744	1999	Plymouth	Grand Voyager	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5745	1999	Plymouth	Grand Voyager	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5746	1999	Plymouth	Voyager	2.4	XCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451221	ALL
5747	1999	Plymouth	Voyager	2.4	XCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5748	1999	Plymouth	Voyager	2.4	XCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5749	1999	Plymouth	Voyager	2.4	XCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5750	1999	Plymouth	Voyager	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5751	1999	Plymouth	Voyager	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	2WD
5752	1999	Plymouth	Voyager	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5753	1999	Plymouth	Voyager	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5754	1999	Plymouth	Voyager	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5755	1999	Plymouth	Voyager	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5756	1999	Plymouth	Voyager	3.3	XCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5757	1999	Plymouth	Voyager	3.3	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5758	1999	Plymouth	Voyager	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5759	1999	Plymouth	Voyager	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5760	1999	Plymouth	Voyager	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5761	1999	Plymouth	Voyager	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5762	1999	Plymouth	Voyager	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5763	1999	Plymouth	Voyager	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5764	1999	Plymouth	Voyager	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL

Appendix D-193-136
Car Sound Exhaust Systems, Inc. 4451000

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
5765	1999	Plymouth	Voyager	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5766	1999	Plymouth	Voyager	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5767	1999	Plymouth	Voyager	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5768	1999	Plymouth	Voyager	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5769	1999	Plymouth	Voyager	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5770	1999	Plymouth	Voyager	3.8	XCRXT03.82B0	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5771	1999	Plymouth	Voyager	3.8	XCRXT0232230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5772	1999	Plymouth	Voyager	3.8	XCRXT03.82B1	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5773	1999	Plymouth	Voyager	3.8	XCRXT0232220	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5774	2000	Plymouth	Grand Voyager	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5775	2000	Plymouth	Grand Voyager	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5776	2000	Plymouth	Grand Voyager	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5777	2000	Plymouth	Grand Voyager	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5778	2000	Plymouth	Voyager	2.4	YCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451221	ALL
5779	2000	Plymouth	Voyager	2.4	YCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5780	2000	Plymouth	Voyager	2.4	YCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5781	2000	Plymouth	Voyager	2.4	YCRXT0148230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5782	2000	Plymouth	Voyager	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451279	ALL
5783	2000	Plymouth	Voyager	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5784	2000	Plymouth	Voyager	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5785	2000	Plymouth	Voyager	3.3	YCRXT0201230	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5786	1996	Pontiac	Trans Sport	3.4	TGM3.428GFEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5787	1996	Pontiac	Trans Sport	3.4	TGM3.428GFEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5788	1997	Pontiac	Trans Sport	3.4	VGM3.428G2EK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5789	1997	Pontiac	Trans Sport	3.4	VGM3.428G2EK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5790	1998	Pontiac	Trans Sport	3.4	WGMXT03.4142	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5791	1998	Pontiac	Trans Sport	3.4	WGMXT03.4142	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5792	2000	Pontiac	Montana	3.4	YGMXT03.4142	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451216	ALL
5793	2000	Pontiac	Montana	3.4	YGMXT03.4142	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5794	2000	Pontiac	Montana	3.4	YGMXT03.4142	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5795	2003	Pontiac	Aztek	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451208	ALL
5796	2003	Pontiac	Aztek	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5797	2003	Pontiac	Aztek	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5798	2003	Pontiac	Montana	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451208	ALL
5799	2003	Pontiac	Montana	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5800	2003	Pontiac	Montana	3.4	3GMXT03.4141	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5801	1995	Toyota	T100	3.4	STY3.42JG1GK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5802	1995	Toyota	T100	3.4	STY3.42JG1GK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5803	1995	Toyota	T100	3.4	STY3.41JG1GK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5804	1995	Toyota	T100	3.4	STY3.42JG1GK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5805	1995	Toyota	T100	3.4	STY3.41JG1GK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5806	1995	Toyota	T100	3.4	STY3.42JG1GK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451611	ALL
5807	1995	Toyota	Tacoma	3.4	STY3.42JGFEK	TIER1	LDT2	S	TWC	1	1	FR	UNIVERSAL	4451304	ALL
5808	1995	Toyota	Tacoma	3.4	STY3.42JGFEK	TIER1	LDT2	S	TWC	1	1	FR	UNIVERSAL	4451305	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
5809	1995	Toyota	Tacoma	3.4	STY3.42JGFEK	TIER1	LDT2	S	TWC	1	1	FR	UNIVERSAL	4451306	ALL
5810	1996	Toyota	4Runner	2.7	TTY2.72HGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5811	1996	Toyota	4Runner	2.7	TTY2.72HGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5812	1996	Toyota	4Runner	2.7	TTY2.72HGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5813	1996	Toyota	T100	3.4	TTY3.41JG1GK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5814	1996	Toyota	T100	3.4	TTY3.41JG1GK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5815	1996	Toyota	T100	3.4	TTY3.41JG1GK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5816	1996	Toyota	T100	3.4	TTY3.41JG1GK	TIER1	LDT2	S	TWC	1	1	U	DIRECT FIT	4451611	ALL
5817	1997	Toyota	4Runner	2.7	VTY2.72JGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5818	1997	Toyota	4Runner	2.7	VTY2.72JGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5819	1997	Toyota	4Runner	2.7	VTY2.72JGKEK	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5820	1997	Toyota	4Runner	3.4	VTY3.42JG2GK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5821	1997	Toyota	4Runner	3.4	VTY3.42JG2GK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5822	1997	Toyota	4Runner	3.4	VTY3.42JG2GK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5823	1997	Toyota	T100	3.4	VTY3.42JG2GK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5824	1997	Toyota	T100	3.4	VTY3.42JG2GK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5825	1997	Toyota	T100	3.4	VTY3.42JG2GK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5826	1997	Toyota	T100	3.4	VTY3.42JG2GK	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451611	ALL
5827	1997	Toyota	Tacoma	3.4	VTY3.42JG2GK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5828	1997	Toyota	Tacoma	3.4	VTY3.42JG2GK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5829	1997	Toyota	Tacoma	3.4	VTY3.42JG2GK	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5830	1998	Toyota	4Runner	2.7	WTYXT02.7BBP	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5831	1998	Toyota	4Runner	2.7	WTYXT02.7BBP	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5832	1998	Toyota	4Runner	2.7	WTYXT02.7BBP	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5833	1998	Toyota	4Runner	3.4	WTYXT03.4DBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5834	1998	Toyota	4Runner	3.4	WTYXT03.4DBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5835	1998	Toyota	4Runner	3.4	WTYXT03.4DBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5836	1998	Toyota	Sienna	3	WTYXT03.0BBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5837	1998	Toyota	Sienna	3	WTYXT03.0BBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5838	1998	Toyota	Sienna	3	WTYXT03.0BBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5839	1998	Toyota	T100	3.4	WTYXT03.4DBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5840	1998	Toyota	T100	3.4	WTYXT03.4DBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5841	1998	Toyota	T100	3.4	WTYXT03.4DBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5842	1998	Toyota	T100	3.4	WTYXT03.4DBP	TLEV	LDT2	S	TWC	1	1	U	DIRECT FIT	4451611	ALL
5843	1998	Toyota	Tacoma	3.4	WTYXT03.4DBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5844	1998	Toyota	Tacoma	3.4	WTYXT03.4DBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5845	1998	Toyota	Tacoma	3.4	WTYXT03.4DBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5846	1999	Toyota	4Runner	2.7	XTYXT02.7BBP	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5847	1999	Toyota	4Runner	2.7	XTYXT02.7BBP	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5848	1999	Toyota	4Runner	2.7	XTYXT02.7BBP	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5849	1999	Toyota	Tacoma	2.7	XTYXT02.7BBP	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451304	ALL
5850	1999	Toyota	Tacoma	2.7	XTYXT02.7BBP	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5851	1999	Toyota	Tacoma	2.7	XTYXT02.7BBP	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5852	1999	Toyota	Tacoma	3.4	XTYXT03.4DBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451334	ALL

Appendix D-193-136

Car Sound Exhaust Systems, Inc. 4451000

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
5853	1999	Toyota	Tacoma	3.4	XTYXT03.4DBP	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5854	2001	Toyota	Highlander	2.4	1TYXT02.4FFP	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5855	2001	Toyota	Highlander	2.4	1TYXT02.4FFP	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5856	2001	Toyota	Highlander	2.4	1TYXT02.4FFP	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5857	2001	Toyota	Highlander	2.4	1TYXT02.4FFP	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5858	2002	Toyota	Highlander	2.4	2TYXT02.4FFP	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5859	2002	Toyota	Highlander	2.4	2TYXT02.4FFP	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5860	2002	Toyota	Highlander	2.4	2TYXT02.4FFP	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5861	2002	Toyota	Highlander	2.4	2TYXT02.4FFP	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5862	2003	Toyota	Highlander	2.4	3TYXT02.4FFP	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451304	ALL
5863	2003	Toyota	Highlander	2.4	3TYXT02.4FFP	LEV1 LEV	LDT2	D	2TWC	2	2	UL	UNIVERSAL	4451305	ALL
5864	2003	Toyota	Highlander	2.4	3TYXT02.4FFP	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451304	ALL
5865	2003	Toyota	Highlander	2.4	3TYXT02.4FFP	LEV1 LEV	LDT2	D	2TWC	2	2	UR	UNIVERSAL	4451305	ALL
5866	1997	Volkswagen	EuroVan	2.8	VVW2.828GFGM	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451334	ALL
5867	1997	Volkswagen	EuroVan	2.8	VVW2.828GFGM	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5868	1997	Volkswagen	EuroVan	2.8	VVW2.828GFGM	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5869	1999	Volkswagen	EuroVan	2.8	XVWXT02.8225	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451334	ALL
5870	1999	Volkswagen	EuroVan	2.8	XVWXT02.8225	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5871	1999	Volkswagen	EuroVan	2.8	XVWXT02.8225	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5872	2000	Volkswagen	EuroVan	2.8	YVWXT02.8225	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451334	ALL
5873	2000	Volkswagen	EuroVan	2.8	YVWXT02.8225	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5874	2000	Volkswagen	EuroVan	2.8	YVWXT02.8225	TIER1	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5875	2001	Volkswagen	EuroVan	2.8	1VWXT02.8225	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451334	ALL
5876	2001	Volkswagen	EuroVan	2.8	1VWXT02.8225	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5877	2001	Volkswagen	EuroVan	2.8	1VWXT02.8225	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5878	2002	Volkswagen	EuroVan	2.8	2VWXT02.8225	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451334	ALL
5879	2002	Volkswagen	EuroVan	2.8	2VWXT02.8225	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5880	2002	Volkswagen	EuroVan	2.8	2VWXT02.8225	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5881	2003	Volkswagen	EuroVan	2.8	3VWXT02.8225	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451334	ALL
5882	2003	Volkswagen	EuroVan	2.8	3VWXT02.8225	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451335	ALL
5883	2003	Volkswagen	EuroVan	2.8	3VWXT02.8225	TLEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451336	ALL
5884	2001	Volvo	V70	2.4	2VVXT2.43L5T	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL
5885	2002	Volvo	V70	2.4	2VVXT2.43L5T	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451305	ALL
5886	2002	Volvo	V70	2.4	2VVXT2.43L5T	LEV1 LEV	LDT2	S	TWC	1	1	U	UNIVERSAL	4451306	ALL