

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-193-124
Relating to Exemptions under Sections 27156 and 38391
of the Vehicle Code

Car Sound Exhaust Systems, Inc. (d.b.a. Magnaflow)
"Series 452000 and 457000 Three-Way Catalytic Converters"

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

WHEREAS, Car Sound Exhaust Systems, Inc. of 22961 Arroyo Vista, Rancho Santa Margarita, California 92688 has applied to ARB for exemption from the prohibitions in VC Sections 27156 and 38391 to market its series 452000 and 457000 new aftermarket three-way catalytic converters (TWC) on various 1995 through 2006 model-year passenger cars (PC) and light-duty trucks [0-3,750 lbs. LVW] LDT1 equipped with manifold catalytic converters and on-board diagnostic II (OBD II) system. Series 452000 TWC will only be sold as a direct fit manifold and converter assembly. Series 457000 TWC will be sold as a direct fit or a universal part. The applicable vehicles are listed in Appendix D-193-124 and incorporated herein.

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, ARB finds that the above aftermarket catalytic converters comply with VC Sections 27156 and 38395 and 13 CCR Section 2222(h). Emission performance of the catalytic converters was based on durability bench-aging by Lotus Engineering, Inc. and Southwest Research Institute using the ARB-modified RAT-A bench-aging cycle for 75 hours as specified in Appendix A to the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007 (Converter Evaluation Procedures).

WHEREAS, previous emissions and OBD II compatibility tests conducted by Car Sound Exhaust Systems, Inc. using a 2001 model-year 1.6 liter Mazda Protégé (ULEV PC, 1TKXV01.6DJA) and a 2000 model-year 2.8 liter BMW 328Ci (LEV PC, YBMXV02.8LEV) with series 452000 and 457000 TWCs showed that the vehicles met the applicable emission standards and the proper malfunction indicator light illumination requirements.

WHEREAS, previous emissions and OBD II compatibility tests conducted by Car Sound Exhaust Systems, Inc. using vehicles of weight classification and exhaust configuration similar to those listed in Appendix D-193-124 showed compliance with low emission vehicle (LEV) and ultra-low emission vehicle (ULEV) emission standards and proper malfunction indicator light illumination requirement and resulted in the issuance of Executive Orders D-193-116 and D-193-122.

THEREFORE, IT IS HEREBY RESOLVED that Car Sound Exhaust Systems, Inc.'s series 452000 and 457000 TWCs are exempted from the prohibitions in VC Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-193-124 subject to the following conditions:

1. No changes are permitted to the catalytic converter as described in the application for exemption. Any changes to the catalytic converter or any of its components and other factors addressed in this Executive Order must be evaluated and approved by ARB prior to marketing in California.
2. Marketing of the catalytic converter using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converter for applications other than the ones shown in this Executive Order shall be prohibited unless prior approval is obtained from ARB. Exemption of this product shall not be construed as an exemption to sell, offer for sale, or advertise any components of the catalytic converter 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 converter and is only a finding that the catalytic converter is exempt from the prohibitions in VC Sections 27156 and 38391.
4. Car Sound Exhaust Systems, Inc.'s installation instructions for the new catalytic converter must conform to requirements in Section (h) of the Converter Evaluation Procedures.
5. Installation of the catalytic converter shall not cause the relocation of any air fuel ratio or oxygen sensors. Air fuel ratio and 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 converter 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 converter as a "high flow" or "easy flow" catalytic converter or use any phrase that could make it appear to perform better than the original equipment manufacturer catalytic converter.
8. Any marketing arrangement of the new aftermarket catalytic converter by a third party, which involves the use of packaging identification different from the ones described in this Executive Order, must be approved by ARB 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 ARB.

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 5 day of June 2015.



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

Appendix D-193-124															
Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test 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	1995	Acura	TL	2.5	SHN2.5VJGKEK	TIER1	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452383	ALL
2	1995	Acura	TL	2.5	SHN2.5VJGKEK	TIER1	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
3	1996	Acura	TL	2.5	THN2.5VJGKEK	TIER1	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452383	ALL
4	1996	Acura	TL	2.5	THN2.5VJGKEK	TIER1	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
5	1997	Acura	TL	2.5	VHN2.5VJGKEK	TIER1	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452383	ALL
6	1997	Acura	TL	2.5	VHN2.5VJGKEK	TIER1	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
7	1998	Acura	TL	2.5	WHNXV02.5GA1	TIER1	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452383	ALL
8	1998	Acura	TL	2.5	WHNXV02.5GA1	TIER1	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
9	1999	BMW	323i	2.5	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
10	1999	BMW	323i	2.5	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
11	1999	BMW	328i	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
12	1999	BMW	328i	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
13	1999	BMW	528i	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
14	1999	BMW	528i	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452465	ALL
15	1999	BMW	528i	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
16	1999	BMW	528i	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452466	ALL
17	1999	BMW	540i	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
18	1999	BMW	540i	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
19	1999	BMW	540i	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	457035	ALL
20	1999	BMW	540i	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	457036	ALL
21	1999	BMW	740i	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
22	1999	BMW	740i	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
23	1999	BMW	740iL	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
24	1999	BMW	740iL	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
25	1999	BMW	Z3	2.5	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
26	1999	BMW	Z3	2.5	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452465	ALL
27	1999	BMW	Z3	2.5	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
28	1999	BMW	Z3	2.5	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452466	ALL
29	1999	BMW	Z3	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
30	1999	BMW	Z3	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452465	ALL
31	1999	BMW	Z3	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
32	1999	BMW	Z3	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452466	ALL
33	2000	BMW	323Ci	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
34	2000	BMW	323Ci	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
35	2000	BMW	323i	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
36	2000	BMW	323i	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
37	2000	BMW	328Ci	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
38	2000	BMW	328Ci	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
39	2000	BMW	328i	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
40	2000	BMW	328i	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
41	2000	BMW	528i	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL

Appendix D-193-124															
Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
42	2000	BMW	528i	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452465	ALL
43	2000	BMW	528i	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
44	2000	BMW	528i	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452466	ALL
45	2000	BMW	540i	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
46	2000	BMW	540i	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
47	2000	BMW	540i	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	457035	ALL
48	2000	BMW	540i	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	457036	ALL
49	2000	BMW	740i	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
50	2000	BMW	740i	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
51	2000	BMW	740iL	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
52	2000	BMW	740iL	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
53	2000	BMW	Z3	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
54	2000	BMW	Z3	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452465	ALL
55	2000	BMW	Z3	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
56	2000	BMW	Z3	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452466	ALL
57	2000	BMW	Z3	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
58	2000	BMW	Z3	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452465	ALL
59	2000	BMW	Z3	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
60	2000	BMW	Z3	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452466	ALL
61	2001	BMW	325Ci	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
62	2001	BMW	325Ci	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
63	2001	BMW	325i	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
64	2001	BMW	325i	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
65	2001	BMW	325xi	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
66	2001	BMW	325xi	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
67	2001	BMW	330Ci	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
68	2001	BMW	330Ci	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
69	2001	BMW	330i	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
70	2001	BMW	330i	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
71	2001	BMW	525i	2.5	1BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
72	2001	BMW	525i	2.5	1BMXV02.5M54	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
73	2001	BMW	525i	2.5	1BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
74	2001	BMW	525i	2.5	1BMXV02.5M54	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
75	2001	BMW	530i	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
76	2001	BMW	530i	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
77	2001	BMW	540i	4.4	1BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
78	2001	BMW	540i	4.4	1BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
79	2001	BMW	740i	4.4	1BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
80	2001	BMW	740i	4.4	1BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
81	2001	BMW	740iL	4.4	1BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
82	2001	BMW	740iL	4.4	1BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL

Appendix D-193-124															
Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
83	2001	BMW	Z3	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
84	2001	BMW	Z3	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
85	2001	BMW	Z3	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
86	2001	BMW	Z3	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
87	2002	BMW	325Ci	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
88	2002	BMW	325Ci	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
89	2002	BMW	325i	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
90	2002	BMW	325i	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
91	2002	BMW	325xi	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
92	2002	BMW	325xi	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
93	2002	BMW	330Ci	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
94	2002	BMW	330Ci	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
95	2002	BMW	330i	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
96	2002	BMW	330i	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
97	2002	BMW	525i	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
98	2002	BMW	525i	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
99	2002	BMW	530i	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
100	2002	BMW	530i	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
101	2002	BMW	540i	4.4	2BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
102	2002	BMW	540i	4.4	2BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
103	2002	BMW	Z3	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
104	2002	BMW	Z3	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
105	2002	BMW	Z3	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
106	2002	BMW	Z3	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
107	2003	BMW	325Ci	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
108	2003	BMW	325Ci	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
109	2003	BMW	325i	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
110	2003	BMW	325i	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
111	2003	BMW	325xi	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
112	2003	BMW	325xi	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
113	2003	BMW	330Ci	3	3BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
114	2003	BMW	330Ci	3	3BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
115	2003	BMW	330i	3	3BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
116	2003	BMW	330i	3	3BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
117	2003	BMW	525i	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
118	2003	BMW	525i	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
119	2003	BMW	530i	3	3BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
120	2003	BMW	530i	3	3BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
121	2003	BMW	540i	4.4	3BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
122	2003	BMW	540i	4.4	3BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
123	2004	BMW	325Ci	2.5	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
124	2004	BMW	325Ci	2.5	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
125	2004	BMW	325i	2.5	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
126	2004	BMW	325i	2.5	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
127	2004	BMW	325xi	2.5	4BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
128	2004	BMW	325xi	2.5	4BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
129	2004	BMW	330Ci	3	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
130	2004	BMW	330Ci	3	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
131	2004	BMW	330i	3	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
132	2004	BMW	330i	3	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
133	2004	BMW	525i	2.5	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452297	ALL
134	2004	BMW	525i	2.5	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452298	ALL
135	2004	BMW	530i	3	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452297	ALL
136	2004	BMW	530i	3	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452298	ALL
137	2004	BMW	545i	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
138	2004	BMW	545i	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
139	2004	BMW	645Ci	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
140	2004	BMW	645Ci	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
141	2004	BMW	745i	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
142	2004	BMW	745i	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
143	2004	BMW	745Li	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
144	2004	BMW	745Li	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
145	2005	BMW	325Ci	2.5	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
146	2005	BMW	325Ci	2.5	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
147	2005	BMW	325i	2.5	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
148	2005	BMW	325i	2.5	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
149	2005	BMW	325xi	2.5	5BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
150	2005	BMW	325xi	2.5	5BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
151	2005	BMW	330Ci	3	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
152	2005	BMW	330Ci	3	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
153	2005	BMW	330i	3	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
154	2005	BMW	330i	3	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
155	2005	BMW	525i	2.5	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452297	ALL
156	2005	BMW	525i	2.5	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452298	ALL
157	2005	BMW	530i	3	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452297	ALL
158	2005	BMW	530i	3	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452298	ALL
159	2005	BMW	545i	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
160	2005	BMW	545i	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
161	2005	BMW	645Ci	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
162	2005	BMW	645Ci	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
163	2005	BMW	745i	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
164	2005	BMW	745i	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
165	2005	BMW	745Li	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
166	2005	BMW	745Li	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
167	2001	Chevrolet	Tracker	2.5	1SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
168	2001	Chevrolet	Tracker	2.5	1SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
169	2001	Chevrolet	Tracker	2.5	1SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
170	2002	Chevrolet	Tracker	2.5	2SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
171	2002	Chevrolet	Tracker	2.5	2SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
172	2002	Chevrolet	Tracker	2.5	2SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
173	2003	Chevrolet	Tracker	2.5	3SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
174	2003	Chevrolet	Tracker	2.5	3SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
175	2003	Chevrolet	Tracker	2.5	3SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
176	2004	Chevrolet	Aveo	1.6	4GD XV01.6D02	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452338	ALL
177	2004	Chevrolet	Aveo	1.6	4GD XV01.6D02	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
178	2004	Chevrolet	Classic	2.2	4GMXV02.2027	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452304	ALL
179	2004	Chevrolet	Malibu	2.2	4GMXV02.2028	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452304	ALL
180	2004	Chevrolet	Tracker	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
181	2004	Chevrolet	Tracker	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
182	2004	Chevrolet	Tracker	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
183	2005	Chevrolet	Aveo	1.6	5GD XV01.6D02	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452338	ALL
184	2005	Chevrolet	Classic	2.2	5GMXV02.2027	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452304	ALL
185	2005	Chevrolet	Malibu	2.2	5GMXV02.2028	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452304	ALL
186	2001	Chrysler	Sebring	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL
187	2001	Chrysler	Sebring	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
188	2001	Chrysler	Sebring	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
189	2001	Chrysler	Sebring	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
190	2001	Chrysler	Sebring	2.7	1CRXV03.5VD0	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
191	2001	Chrysler	Sebring	2.7	1CRXV03.5VD0	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
192	2002	Chrysler	Sebring	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
193	2002	Chrysler	Sebring	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
194	2002	Chrysler	Sebring	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
195	2002	Chrysler	Sebring	2.7	2CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
196	2002	Chrysler	Sebring	2.7	2CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
197	2003	Chrysler	Sebring	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
198	2003	Chrysler	Sebring	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
199	2003	Chrysler	Sebring	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
200	2003	Chrysler	Sebring	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
201	2003	Chrysler	Sebring	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
202	2003	Chrysler	Sebring	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
203	2003	Chrysler	Sebring	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
204	2003	Chrysler	Sebring	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
205	2003	Chrysler	Sebring	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
206	2003	Chrysler	Sebring	2.7	3CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
207	2003	Chrysler	Sebring	2.7	3CRXV02.7VDP	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
208	2003	Chrysler	Sebring	2.7	3CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
209	2003	Chrysler	Sebring	2.7	3CRXV02.7VDP	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
210	2004	Chrysler	Sebring	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
211	2004	Chrysler	Sebring	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
212	2004	Chrysler	Sebring	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
213	2004	Chrysler	Sebring	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
214	2004	Chrysler	Sebring	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
215	2004	Chrysler	Sebring	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
216	2004	Chrysler	Sebring	2.7	4CRXV02.7VH0	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
217	2004	Chrysler	Sebring	2.7	4CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
218	2004	Chrysler	Sebring	2.7	4CRXV02.7VH0	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
219	2004	Chrysler	Sebring	2.7	4CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
220	2005	Chrysler	Sebring	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
221	2005	Chrysler	Sebring	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
222	2005	Chrysler	Sebring	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
223	2005	Chrysler	Sebring	2.7	5CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
224	2005	Chrysler	Sebring	2.7	5CRXV02.7VE0	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
225	2005	Chrysler	Sebring	2.7	5CRXV02.7VE0	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
226	2005	Chrysler	Sebring	2.7	5CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
227	2000	Dodge	Neon	2	YCRXV0122V41	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452651	ALL
228	2000	Dodge	Neon	2	YCRXV0122V41	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
229	2001	Dodge	Neon	2	1CRXV0122V40	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452651	ALL
230	2001	Dodge	Stratus	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL
231	2001	Dodge	Stratus	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
232	2001	Dodge	Stratus	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
233	2001	Dodge	Stratus	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
234	2001	Dodge	Stratus	2.7	1CRXV03.5VD0	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
235	2001	Dodge	Stratus	2.7	1CRXV03.5VD0	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
236	2002	Dodge	Stratus	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
237	2002	Dodge	Stratus	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
238	2002	Dodge	Stratus	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
239	2002	Dodge	Stratus	2.7	2CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
240	2002	Dodge	Stratus	2.7	2CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
241	2003	Dodge	Stratus	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
242	2003	Dodge	Stratus	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
243	2003	Dodge	Stratus	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
244	2003	Dodge	Stratus	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
245	2003	Dodge	Stratus	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
246	2003	Dodge	Stratus	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
247	2003	Dodge	Stratus	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
248	2003	Dodge	Stratus	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
249	2003	Dodge	Stratus	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
250	2003	Dodge	Stratus	2.7	3CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
251	2003	Dodge	Stratus	2.7	3CRXV02.7VDP	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
252	2003	Dodge	Stratus	2.7	3CRXV02.7VDP	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
253	2003	Dodge	Stratus	2.7	3CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
254	2004	Dodge	Stratus	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
255	2004	Dodge	Stratus	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
256	2004	Dodge	Stratus	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
257	2004	Dodge	Stratus	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
258	2004	Dodge	Stratus	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
259	2004	Dodge	Stratus	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
260	2004	Dodge	Stratus	2.7	4CRXV02.7VH0	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
261	2004	Dodge	Stratus	2.7	4CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
262	2004	Dodge	Stratus	2.7	4CRXV02.7VH0	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
263	2004	Dodge	Stratus	2.7	4CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
264	2005	Dodge	Stratus	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
265	2005	Dodge	Stratus	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
266	2005	Dodge	Stratus	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
267	2005	Dodge	Stratus	2.7	5CRXV02.7VE0	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
268	2005	Dodge	Stratus	2.7	5CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
269	2005	Dodge	Stratus	2.7	5CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
270	2005	Dodge	Stratus	2.7	5CRXV02.7VE0	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
271	1996	Ford	Contour	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
272	1996	Ford	Contour	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457027	ALL
273	1996	Ford	Contour	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
274	1997	Ford	Contour	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
275	1997	Ford	Contour	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
276	1997	Ford	Contour	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457027	ALL
277	1997	Ford	Contour	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
278	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
279	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL
280	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
281	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
282	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
283	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457029	ALL
284	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
285	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
286	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
287	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
288	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
289	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
290	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
291	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457029	ALL
292	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
293	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
294	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
295	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL
296	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
297	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
298	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
299	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457029	ALL
300	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
301	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
302	2001	Ford	Escape	2	1FMXT02.01F5	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
303	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
304	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452031	ALL
305	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
306	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
307	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452032	ALL
308	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	ALL
309	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
310	2002	Ford	Escape	2	2FMXT02.01F5	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
311	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
312	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
313	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452031	ALL
314	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452031	ALL
315	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
316	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
317	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
318	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
319	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452032	ALL
320	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452032	ALL
321	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	ALL
322	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	ALL
323	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
324	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
325	2003	Ford	Escape	2	3FMXT02.01F5	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
326	2003	Ford	Escape	3	3FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	FWD
327	2003	Ford	Escape	3	3FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
328	2003	Ford	Escape	3	3FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
329	2003	Ford	Escape	3	3FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	FWD
330	2003	Ford	Escape	3	3FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	FWD
331	2003	Ford	Escape	3	3FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
332	2004	Ford	Escape	2	4FMXT02.01F5	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
333	2004	Ford	Escape	3	4FMXT03.01FE	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
334	2004	Ford	Escape	3	4FMXT03.01FE	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
335	2004	Ford	Escape	3	4FMXT03.01FE	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
336	2004	Ford	Escape	3	4FMXT03.01FE	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	FWD
337	2004	Ford	Escape	3	4FMXT03.01FE	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	FWD
338	2004	Ford	Escape	3	4FMXT03.01FE	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
339	2004	Ford	Taurus	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452925	ALL
340	2004	Ford	Taurus	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452045	ALL
341	2004	Ford	Taurus	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457105	ALL
342	2004	Ford	Taurus	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457207	ALL
343	2005	Ford	Escape	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	FWD
344	2005	Ford	Escape	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
345	2005	Ford	Escape	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
346	2005	Ford	Escape	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457010	FWD
347	2005	Ford	Escape	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
348	2005	Ford	Escape	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	FWD
349	2005	Ford	Taurus	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452925	ALL
350	2005	Ford	Taurus	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452045	ALL
351	2005	Ford	Taurus	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457105	ALL
352	2005	Ford	Taurus	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457207	ALL
353	2006	Ford	Fusion	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452011	ALL
354	2006	Ford	Fusion	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452012	ALL
355	2006	Ford	Fusion	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457018	ALL
356	2006	Ford	Fusion	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
357	2001	Honda	Civic	1.7	1HNXV01.7YJ9	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452030	ALL
358	2001	Honda	Civic	1.7	1HNXV01.7RJ9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	2	F	DIRECT FIT	452030	ALL
359	2001	Honda	Civic	1.7	1HNXV01.7RJ9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	2	R	UNIVERSAL	457056	ALL
360	2002	Honda	Civic	1.7	2HNXV01.7TA5	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452030	ALL
361	2002	Honda	Civic	1.7	2HNXV01.73A5	LEV1 ULEV	PC	S	WU-TWC,TWC	2	2	F	DIRECT FIT	452030	ALL
362	2002	Honda	Civic	1.7	2HNXV01.73A5	LEV1 ULEV	PC	S	WU-TWC,TWC	2	2	R	UNIVERSAL	457056	ALL
363	2003	Honda	Civic	1.3	3HNXV01.34A5	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452315	ALL
364	2003	Honda	Civic	1.3	3HNXV01.34A5	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
365	2003	Honda	Civic	1.7	3HNXV01.7WA5	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452030	ALL
366	2003	Honda	Civic	1.7	3HNXV01.72A5	LEV1 ULEV	PC	S	WU-TWC,TWC	2	2	F	DIRECT FIT	452030	ALL
367	2003	Honda	Civic	1.7	3HNXV01.72A5	LEV1 ULEV	PC	S	WU-TWC,TWC	2	2	R	UNIVERSAL	457056	ALL
368	2004	Honda	Civic	1.3	4HNXV01.35A6	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452315	ALL
369	2004	Honda	Civic	1.3	4HNXV01.35A6	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
370	2004	Honda	Civic	1.7	4HNXV01.7WA6	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452030	ALL
371	2004	Honda	Civic	1.7	4HNXV01.73A6	LEV1 ULEV	PC	S	WU-TWC,TWC	2	2	F	DIRECT FIT	452030	ALL
372	2004	Honda	Civic	1.7	4HNXV01.73A6	LEV1 ULEV	PC	S	WU-TWC,TWC	2	2	R	UNIVERSAL	457056	ALL
373	2005	Honda	Civic	1.7	5HNXV01.7MA6	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452030	ALL
374	2005	Honda	Civic	1.7	5HNXV01.7WA6	LEV1 ULEV	PC	S	WU-TWC,TWC	2	2	F	DIRECT FIT	452030	ALL
375	2005	Honda	Civic	1.7	5HNXV01.7WA6	LEV1 ULEV	PC	S	WU-TWC,TWC	2	2	R	UNIVERSAL	457056	ALL
376	1997	Hyundai	Accent	1.5	VHY1.5VJG1EK	TIER1	PC	S	TWC	2	1	F	DIRECT FIT	452842	ALL
377	1997	Hyundai	Accent	1.5	VHY1.5VJG2EK	TLEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452842	ALL
378	1997	Hyundai	Accent	1.5	VHY1.5VJG2EK	TLEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	457104	ALL
379	1998	Hyundai	Accent	1.5	WHYXV01.52GM	TLEV	PC	S	TWC	2	1	F	DIRECT FIT	452842	ALL
380	1998	Hyundai	Elantra	1.8	WHYXV01.82GM	TLEV	PC	S	TWC	1	1	F	DIRECT FIT	452037	ALL
381	1998	Hyundai	Tiburon	2	WHYXV02.02GM	TLEV	PC	S	TWC	1	1	F	DIRECT FIT	452037	ALL
382	1999	Hyundai	Accent	1.5	XHYXV01.52XC	TLEV	PC	S	TWC	2	1	F	DIRECT FIT	452842	ALL
383	1999	Hyundai	Elantra	2	XHYXV02.03RC	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452037	ALL
384	1999	Hyundai	Elantra	2	XHYXV02.03RC	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
385	1999	Hyundai	Sonata	2.4	XHYXV02.42EC	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
386	1999	Hyundai	Sonata	2.4	XHYXV02.42EC	TLEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457026	ALL
387	1999	Hyundai	Sonata	2.4	XHYXV02.42EC	TLEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
388	1999	Hyundai	Sonata	2.5	XHYXV02.52ES	TLEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
389	1999	Hyundai	Sonata	2.5	XHYXV02.52ES	TLEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
390	1999	Hyundai	Sonata	2.5	XHYXV02.52ES	TLEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
391	1999	Hyundai	Tiburon	2	XHYXV02.03RC	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452037	ALL
392	2000	Hyundai	Elantra	2	YHYXV02.0G3S	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452037	ALL
393	2000	Hyundai	Elantra	2	YHYXV02.0G3S	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
394	2000	Hyundai	Sonata	2.4	YHYXV02.4G2C	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
395	2000	Hyundai	Sonata	2.4	YHYXV02.4G2C	TLEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457026	ALL
396	2000	Hyundai	Sonata	2.4	YHYXV02.4G2C	TLEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
397	2000	Hyundai	Sonata	2.5	YHYXV02.5G2S	TLEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
398	2000	Hyundai	Sonata	2.5	YHYXV02.5G2S	TLEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
399	2000	Hyundai	Sonata	2.5	YHYXV02.5G2S	TLEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
400	2000	Hyundai	Tiburon	2	YHYXV02.0G3S	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452037	ALL
401	2001	Hyundai	Accent	1.6	1HYXV01.6B3S	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452033	ALL
402	2001	Hyundai	Elantra	2	1HYXV02.0X4C	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL
403	2001	Hyundai	Elantra	2	1HYXV02.0X4C	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
404	2001	Hyundai	Sonata	2.4	1HYXV02.4E2S	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
405	2001	Hyundai	Sonata	2.4	1HYXV02.4E2S	TLEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457026	ALL
406	2001	Hyundai	Sonata	2.4	1HYXV02.4E2S	TLEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
407	2001	Hyundai	Sonata	2.5	1HYXV02.5F2S	TLEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
408	2001	Hyundai	Sonata	2.5	1HYXV02.5F2S	TLEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
409	2001	Hyundai	Sonata	2.5	1HYXV02.5F2S	TLEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
410	2001	Hyundai	Tiburon	2	1HYXV02.0R3S	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452037	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
411	2002	Hyundai	Accent	1.6	2HYXV01.6BLS	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452033	ALL
412	2002	Hyundai	Elantra	2	2HYXV02.0XUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL
413	2002	Hyundai	Elantra	2	2HYXV02.0XUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
414	2002	Hyundai	Sonata	2.4	2HYXV02.4ELS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
415	2002	Hyundai	Sonata	2.4	2HYXV02.4ELS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
416	2002	Hyundai	Sonata	2.4	2HYXV02.4ELS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
417	2002	Hyundai	Sonata	2.7	2HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
418	2002	Hyundai	Sonata	2.7	2HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
419	2002	Hyundai	Sonata	2.7	2HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
420	2002	Hyundai	Sonata	2.7	2HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
421	2002	Hyundai	Sonata	2.7	2HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
422	2002	Hyundai	XG350	3.5	2HYXV03.5GLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452160	ALL
423	2002	Hyundai	XG350	3.5	2HYXV03.5GLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452200	ALL
424	2002	Hyundai	XG350	3.5	2HYXV03.5GLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457204	ALL
425	2003	Hyundai	Accent	1.6	3HYXV01.6BLS	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452033	ALL
426	2003	Hyundai	Elantra	2	3HYXV02.0CUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452035	ALL
427	2003	Hyundai	Elantra	2	2HYXV02.0XUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL
428	2003	Hyundai	Elantra	2	3HYXV02.0CUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457000	ALL
429	2003	Hyundai	Elantra	2	2HYXV02.0XUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
430	2003	Hyundai	Elantra	2	3HYXV02.0CUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457304	ALL
431	2003	Hyundai	Sonata	2.4	3HYXV02.4ELS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
432	2003	Hyundai	Sonata	2.4	3HYXV02.4ELS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
433	2003	Hyundai	Sonata	2.4	3HYXV02.4ELS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
434	2003	Hyundai	Sonata	2.7	3HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
435	2003	Hyundai	Sonata	2.7	3HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
436	2003	Hyundai	Sonata	2.7	3HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
437	2003	Hyundai	Sonata	2.7	3HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
438	2003	Hyundai	Sonata	2.7	3HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
439	2003	Hyundai	Tiburon	2	3HYXV02.0CUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL
440	2003	Hyundai	Tiburon	2	3HYXV02.0CUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457000	ALL
441	2003	Hyundai	Tiburon	2.7	3HYXV02.7KLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
442	2003	Hyundai	Tiburon	2.7	3HYXV02.7KLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
443	2003	Hyundai	Tiburon	2.7	3HYXV02.7KLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
444	2003	Hyundai	Tiburon	2.7	3HYXV02.7KLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
445	2003	Hyundai	XG350	3.5	3HYXV03.5GLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452160	ALL
446	2003	Hyundai	XG350	3.5	3HYXV03.5GLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452200	ALL
447	2003	Hyundai	XG350	3.5	3HYXV03.5GLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457204	ALL
448	2004	Hyundai	Accent	1.6	4HYXV01.6BL9	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452033	ALL
449	2004	Hyundai	Sonata	2.4	4HYXV02.4EL9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
450	2004	Hyundai	Sonata	2.4	4HYXV02.4EL9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
451	2004	Hyundai	Sonata	2.4	4HYXV02.4EL9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
452	2004	Hyundai	Sonata	2.7	4HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
453	2004	Hyundai	Sonata	2.7	4HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
454	2004	Hyundai	Sonata	2.7	4HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
455	2004	Hyundai	Sonata	2.7	4HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
456	2004	Hyundai	Sonata	2.7	4HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
457	2004	Hyundai	Tiburon	2	4HYXV02.0CU9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL
458	2004	Hyundai	Tiburon	2	4HYXV02.0CU9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457000	ALL
459	2004	Hyundai	Tiburon	2.7	4HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
460	2004	Hyundai	Tiburon	2.7	4HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
461	2004	Hyundai	Tiburon	2.7	4HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
462	2004	Hyundai	Tiburon	2.7	4HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
463	2005	Hyundai	Accent	1.6	5HYXV01.6BL9	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452033	ALL
464	2005	Hyundai	Sonata	2.4	5HYXV02.4EL9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
465	2005	Hyundai	Sonata	2.4	5HYXV02.4EL9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
466	2005	Hyundai	Sonata	2.4	5HYXV02.4EL9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
467	2005	Hyundai	Sonata	2.7	5HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
468	2005	Hyundai	Sonata	2.7	5HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
469	2005	Hyundai	Sonata	2.7	5HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
470	2005	Hyundai	Sonata	2.7	5HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
471	2005	Hyundai	Sonata	2.7	5HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
472	2005	Hyundai	Sonata	2.7	5HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
473	2005	Hyundai	Tiburon	2	5HYXV02.0CU9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL
474	2005	Hyundai	Tiburon	2	5HYXV02.0CU9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457000	ALL
475	2005	Hyundai	Tiburon	2.7	5HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
476	2005	Hyundai	Tiburon	2.7	5HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
477	2005	Hyundai	Tiburon	2.7	5HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
478	2005	Hyundai	Tiburon	2.7	5HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
479	2005	Hyundai	Tiburon	2.7	5HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
480	2005	Hyundai	Tiburon	2.7	5HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
481	2006	Hyundai	Tiburon	2	6HYXV02.0CU9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL
482	2006	Hyundai	Tiburon	2	6HYXV02.0CU9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457000	ALL
483	2006	Hyundai	Tiburon	2.7	6HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
484	2006	Hyundai	Tiburon	2.7	6HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
485	2006	Hyundai	Tiburon	2.7	6HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
486	2006	Hyundai	Tiburon	2.7	6HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
487	2000	Infiniti	I30	3	YNSXV03.036A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452231	ALL
488	2000	Infiniti	I30	3	YNSXV03.036A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452405	ALL
489	2000	Infiniti	I30	3	YNSXV03.036A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
490	2001	Infiniti	I30	3	1NSXV03.0C6A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452231	ALL
491	2001	Infiniti	I30	3	1NSXV03.0C6A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452405	ALL
492	2001	Infiniti	I30	3	1NSXV03.0C6A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
493	1998	Kia	Sephia	1.8	WKMXV01.8A01	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
494	1998	Kia	Sephia	1.8	WKMXV01.8A01	TLEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
495	1999	Kia	Sephia	1.8	XKMXV01.8A02	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
496	1999	Kia	Sephia	1.8	XKMXV01.8A02	TLEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
497	2000	Kia	Sephia	1.8	YKMXV01.8A03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
498	2000	Kia	Sephia	1.8	YKMXV01.8A03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
499	2000	Kia	Spectra	1.8	YKMXV01.8A03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
500	2000	Kia	Spectra	1.8	YKMXV01.8A03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
501	2001	Kia	Optima	2.4	1KMXV02.4D01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
502	2001	Kia	Optima	2.4	1KMXV02.4D01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
503	2001	Kia	Optima	2.4	1KMXV02.4D01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
504	2001	Kia	Optima	2.5	1KMXV02.5E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
505	2001	Kia	Optima	2.5	1KMXV02.5E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
506	2001	Kia	Optima	2.5	1KMXV02.5E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
507	2001	Kia	Rio	1.5	1KMXV01.5C01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452040	ALL
508	2001	Kia	Rio	1.5	1KMXV01.5C01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457012	ALL
509	2001	Kia	Rio	1.5	1KMXV01.5C01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
510	2001	Kia	Sephia	1.8	1KMXV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
511	2001	Kia	Sephia	1.8	1KMXV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
512	2001	Kia	Spectra	1.8	1KMXV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452039	ALL
513	2001	Kia	Spectra	1.8	1KMXV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
514	2001	Kia	Spectra	1.8	1KMXV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457011	ALL
515	2001	Kia	Spectra	1.8	1KMXV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
516	2002	Kia	Optima	2.4	2KMXV02.4D02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
517	2002	Kia	Optima	2.4	2KMXV02.4D02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
518	2002	Kia	Optima	2.4	2KMXV02.4D02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
519	2002	Kia	Optima	2.7	2KMXV02.7E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
520	2002	Kia	Optima	2.7	2KMXV02.7E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
521	2002	Kia	Optima	2.7	2KMXV02.7E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
522	2002	Kia	Optima	2.7	2KMXV02.7E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
523	2002	Kia	Optima	2.7	2KMXV02.7E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
524	2002	Kia	Rio	1.5	2KMXV01.5C02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452040	ALL
525	2002	Kia	Rio	1.5	2KMXV01.5C02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457012	ALL
526	2002	Kia	Rio	1.5	2KMXV01.5C02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
527	2002	Kia	Spectra	1.8	2KMXV01.8A05	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452039	ALL
528	2002	Kia	Spectra	1.8	2KMXV01.8A05	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
529	2002	Kia	Spectra	1.8	2KMXV01.8A05	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457011	ALL
530	2002	Kia	Spectra	1.8	2KMXV01.8A05	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
531	2003	Kia	Optima	2.4	3KMXV02.4D03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
532	2003	Kia	Optima	2.4	3KMXV02.4D03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
533	2003	Kia	Optima	2.4	3KMXV02.4D03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
534	2003	Kia	Optima	2.7	3KMXV02.7E02	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
535	2003	Kia	Optima	2.7	3KMXV02.7E02	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
536	2003	Kia	Optima	2.7	3KMXV02.7E02	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
537	2003	Kia	Optima	2.7	3KMXV02.7E02	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
538	2003	Kia	Optima	2.7	3KMXV02.7E02	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
539	2003	Kia	Rio	1.6	3KMXV01.6C01	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452881	ALL
540	2003	Kia	Rio	1.6	3KMXV01.6C01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452040	ALL
541	2003	Kia	Rio	1.6	3KMXV01.6C01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457012	ALL
542	2003	Kia	Rio	1.6	3KMXV01.6C01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
543	2003	Kia	Spectra	1.8	3KMXV01.8A06	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452039	ALL
544	2003	Kia	Spectra	1.8	3KMXV01.8A06	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
545	2003	Kia	Spectra	1.8	3KMXV01.8A06	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457011	ALL
546	2003	Kia	Spectra	1.8	3KMXV01.8A06	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
547	2004	Kia	Optima	2.4	4KMXV02.4D04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
548	2004	Kia	Optima	2.4	4KMXV02.4D04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
549	2004	Kia	Optima	2.4	4KMXV02.4D04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
550	2004	Kia	Optima	2.7	4KMXV02.7E03	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
551	2004	Kia	Optima	2.7	4KMXV02.7E03	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
552	2004	Kia	Optima	2.7	4KMXV02.7E03	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
553	2004	Kia	Optima	2.7	4KMXV02.7E03	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
554	2004	Kia	Optima	2.7	4KMXV02.7E03	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
555	2004	Kia	Rio	1.6	4KMXV01.6C02	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452881	ALL
556	2004	Kia	Spectra	1.8	4KMXV01.8A07	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452039	ALL
557	2004	Kia	Spectra	1.8	4KMXV01.8A07	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
558	2004	Kia	Spectra	1.8	4KMXV01.8A07	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457011	ALL
559	2004	Kia	Spectra	1.8	4KMXV01.8A07	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
560	2005	Kia	Optima	2.4	5KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
561	2005	Kia	Optima	2.4	5KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
562	2005	Kia	Optima	2.4	5KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
563	2005	Kia	Optima	2.7	5KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
564	2005	Kia	Optima	2.7	5KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
565	2005	Kia	Optima	2.7	5KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
566	2005	Kia	Optima	2.7	5KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
567	2005	Kia	Optima	2.7	5KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
568	2005	Kia	Sportage	2	5KMXT02.0KU9	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452034	ALL
569	2005	Kia	Sportage	2	5KMXT02.0KU9	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457001	ALL
570	2005	Kia	Sportage	2	5KMXT02.0KU9	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
571	2006	Kia	Optima	2.4	6KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
572	2006	Kia	Optima	2.4	6KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452047	ALL
573	2006	Kia	Optima	2.4	6KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457017	ALL
574	2006	Kia	Optima	2.4	6KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
575	2006	Kia	Optima	2.4	6KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457037	ALL
576	2006	Kia	Optima	2.4	6KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
577	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
578	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452044	ALL
579	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
580	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452036	ALL
581	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
582	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
583	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
584	2006	Kia	Sportage	2	6KMXT02.0KU9	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452034	ALL
585	2006	Kia	Sportage	2	6KMXT02.0KU9	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457001	ALL
586	2006	Kia	Sportage	2	6KMXT02.0KU9	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
587	1998	Lexus	ES300	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452468	ALL
588	1999	Lexus	ES300	3	XTYXV03.0GBC	TLEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452468	ALL
589	2000	Lexus	GS300	3	YTYXV03.0FFD	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
590	2000	Lexus	GS300	3	YTYXV03.0FFD	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
591	2000	Lexus	GS300	3	YTYXV03.0FFD	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
592	2000	Lexus	GS300	3	YTYXV03.0FFD	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
593	2001	Lexus	GS300	3	1TYXV03.0FFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
594	2001	Lexus	GS300	3	1TYXV03.0FFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
595	2001	Lexus	GS300	3	1TYXV03.0FFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
596	2001	Lexus	GS300	3	1TYXV03.0FFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
597	2001	Lexus	GS300	3	1TYXV03.0FFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
598	2001	Lexus	GS430	4.3	1TYXV04.3JJA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
599	2001	Lexus	GS430	4.3	1TYXV04.3JJA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
600	2001	Lexus	GS430	4.3	1TYXV04.3JJA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
601	2001	Lexus	IS300	3	1TYXV03.0FFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
602	2001	Lexus	IS300	3	1TYXV03.0FFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
603	2001	Lexus	IS300	3	1TYXV03.0FFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
604	2001	Lexus	IS300	3	1TYXV03.0FFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
605	2001	Lexus	IS300	3	1TYXV03.0FFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
606	2001	Lexus	LS430	4.3	1TYXV04.3JJA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
607	2001	Lexus	LS430	4.3	1TYXV04.3JJA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
608	2001	Lexus	LS430	4.3	1TYXV04.3JJA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
609	2002	Lexus	ES300	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452015	ALL
610	2002	Lexus	ES300	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452014	ALL
611	2002	Lexus	ES300	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457021	ALL
612	2002	Lexus	ES300	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457022	ALL
613	2002	Lexus	ES300	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
614	2002	Lexus	GS300	3	2TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
615	2002	Lexus	GS300	3	2TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
616	2002	Lexus	GS300	3	2TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
617	2002	Lexus	GS300	3	2TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
618	2002	Lexus	GS300	3	2TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
619	2002	Lexus	GS430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
620	2002	Lexus	GS430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
621	2002	Lexus	GS430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
622	2002	Lexus	IS300	3	2TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
623	2002	Lexus	IS300	3	2TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
624	2002	Lexus	IS300	3	2TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
625	2002	Lexus	IS300	3	2TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
626	2002	Lexus	IS300	3	2TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
627	2002	Lexus	LS430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
628	2002	Lexus	LS430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
629	2002	Lexus	LS430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
630	2002	Lexus	SC430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
631	2002	Lexus	SC430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
632	2002	Lexus	SC430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
633	2003	Lexus	ES300	3	3TYXV03.0HHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452015	ALL
634	2003	Lexus	ES300	3	3TYXV03.0HHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452014	ALL
635	2003	Lexus	ES300	3	3TYXV03.0HHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457021	ALL
636	2003	Lexus	ES300	3	3TYXV03.0HHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457022	ALL
637	2003	Lexus	ES300	3	3TYXV03.0HHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
638	2003	Lexus	GS300	3	3TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
639	2003	Lexus	GS300	3	3TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
640	2003	Lexus	GS300	3	3TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
641	2003	Lexus	GS300	3	3TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
642	2003	Lexus	GS300	3	3TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
643	2003	Lexus	GS430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
644	2003	Lexus	GS430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
645	2003	Lexus	GS430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
646	2003	Lexus	IS300	3	3TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
647	2003	Lexus	IS300	3	3TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
648	2003	Lexus	IS300	3	3TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
649	2003	Lexus	IS300	3	3TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
650	2003	Lexus	IS300	3	3TYXV03.0FFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
651	2003	Lexus	LS430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
652	2003	Lexus	LS430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
653	2003	Lexus	LS430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
654	2003	Lexus	SC430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
655	2003	Lexus	SC430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
656	2003	Lexus	SC430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
657	2004	Lexus	GS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
658	2004	Lexus	GS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
659	2004	Lexus	GS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
660	2004	Lexus	GS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
661	2004	Lexus	GS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
662	2004	Lexus	GS430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
663	2004	Lexus	GS430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
664	2004	Lexus	GS430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
665	2004	Lexus	IS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
666	2004	Lexus	IS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
667	2004	Lexus	IS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
668	2004	Lexus	IS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
669	2004	Lexus	IS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
670	2004	Lexus	LS430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
671	2004	Lexus	LS430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
672	2004	Lexus	LS430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
673	2004	Lexus	SC430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
674	2004	Lexus	SC430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
675	2004	Lexus	SC430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
676	2005	Lexus	GS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
677	2005	Lexus	GS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
678	2005	Lexus	GS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
679	2005	Lexus	GS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
680	2005	Lexus	GS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
681	2005	Lexus	GS430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
682	2005	Lexus	GS430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
683	2005	Lexus	GS430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
684	2005	Lexus	IS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
685	2005	Lexus	IS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
686	2005	Lexus	IS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
687	2005	Lexus	IS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
688	2005	Lexus	IS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
689	2005	Lexus	LS430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
690	2005	Lexus	LS430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
691	2005	Lexus	LS430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
692	2005	Lexus	SC430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
693	2005	Lexus	SC430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
694	2005	Lexus	SC430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
695	2006	Lexus	GS300	3	6TYXV03.0WMB	LEV1 ULEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452720	2WD
696	2006	Lexus	GS300	3	6TYXV03.0WMB	LEV1 ULEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452721	2WD
697	2006	Lexus	GS430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
698	2006	Lexus	GS430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
699	2006	Lexus	GS430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
700	2006	Lexus	LS430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
701	2006	Lexus	LS430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
702	2006	Lexus	LS430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
703	2006	Lexus	SC430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
704	2006	Lexus	SC430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
705	2006	Lexus	SC430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
706	2006	Lincoln	Zephyr	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452011	ALL
707	2006	Lincoln	Zephyr	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452012	ALL
708	2006	Lincoln	Zephyr	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457018	ALL
709	2006	Lincoln	Zephyr	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
710	1995	Mazda	Millenia	2.3	STK2.3VJGFEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
711	1995	Mazda	Millenia	2.3	STK2.3VJGFEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
712	1995	Mazda	Millenia	2.3	STK2.3VJGFEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
713	1995	Mazda	Protege	1.5	STK1.5VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452697	ALL
714	1995	Mazda	Protege	1.5	STK1.5VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
715	1996	Mazda	Millenia	2.3	TTK2.3VJGFEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
716	1996	Mazda	Millenia	2.3	TTK2.3VJGFEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
717	1996	Mazda	Millenia	2.3	TTK2.3VJGFEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
718	1996	Mazda	Protege	1.5	TTK1.5VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452697	ALL
719	1996	Mazda	Protege	1.5	TTK1.5VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
720	1997	Mazda	Millenia	2.3	VTK2.3VJGKEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
721	1997	Mazda	Millenia	2.3	VTK2.3VJGKEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
722	1997	Mazda	Millenia	2.3	VTK2.3VJGKEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
723	1997	Mazda	Protege	1.5	VTK1.5VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452697	ALL
724	1997	Mazda	Protege	1.5	VTK1.5VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
725	1998	Mazda	Millenia	2.3	WTKXV02.3VB2	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
726	1998	Mazda	Millenia	2.3	WTKXV02.3VB2	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
727	1998	Mazda	Millenia	2.3	WTKXV02.3VB2	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
728	1998	Mazda	Protege	1.5	WTKXV01.5VDM	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452697	ALL
729	1998	Mazda	Protege	1.5	WTKXV01.5VDM	TLEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
730	1999	Mazda	Miata	1.8	XTKXV01.8VDM	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452992	ALL
731	1999	Mazda	Miata	1.8	XTKXV01.8VDM	TLEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
732	1999	Mazda	Millenia	2.3	XTKXV02.3VB3	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
733	1999	Mazda	Millenia	2.3	XTKXV02.3VB3	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
734	1999	Mazda	Millenia	2.3	XTKXV02.3VB3	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
735	1999	Mazda	Protege	1.6	XTKXV01.6VJM	LEV1 ULEV	PC	D	WU-TWC,TWC	3	2	F	DIRECT FIT	452217	ALL
736	1999	Mazda	Protege	1.6	XTKXV01.6VJM	LEV1 ULEV	PC	D	WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
737	1999	Mazda	Protege	1.8	XTKXV01.8VGM	LEV1 LEV	PC	D	WU-TWC,TWC	3	2	F	DIRECT FIT	452217	ALL
738	1999	Mazda	Protege	1.8	XTKXV01.8VGM	LEV1 LEV	PC	D	WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
739	2000	Mazda	Miata	1.8	YTKXV01.8VFN	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452992	ALL
740	2000	Mazda	Miata	1.8	YTKXV01.8VFN	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
741	2000	Mazda	Millenia	2.3	YTKXV02.3VB3	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
742	2000	Mazda	Millenia	2.3	YTKXV02.3VB3	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
743	2000	Mazda	Millenia	2.3	YTKXV02.3VB3	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
744	2000	Mazda	Protege	1.6	YTKXV01.6VJM	LEV1 ULEV	PC	D	WU-TWC,TWC	3	2	F	DIRECT FIT	452217	ALL
745	2000	Mazda	Protege	1.6	YTKXV01.6VJM	LEV1 ULEV	PC	D	WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
746	2000	Mazda	Protege	1.8	YTKXV01.8VFM	LEV1 LEV	PC	D	WU-TWC,TWC	3	2	F	DIRECT FIT	452217	ALL
747	2000	Mazda	Protege	1.8	YTKXV01.8VFM	LEV1 LEV	PC	D	WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
748	2001	Mazda	Miata	1.8	1TKXV01.8CJA	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452992	ALL
749	2001	Mazda	Millenia	2.3	1TKXV02.3AMA	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
750	2001	Mazda	Millenia	2.3	1TKXV02.3AMA	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
751	2001	Mazda	Millenia	2.3	1TKXV02.3AMA	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
752	2001	Mazda	Protege	1.6	1TKXV01.6DJA	LEV1 ULEV	PC	D	WU-TWC,TWC	3	2	F	DIRECT FIT	452217	ALL
753	2001	Mazda	Protege	1.6	1TKXV01.6DJA	LEV1 ULEV	PC	D	WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
754	2001	Mazda	Tribute	2	1TKXT02.0CJA	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
755	2001	Mazda	Tribute	3	1TKXT03.0FLB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
756	2001	Mazda	Tribute	3	1TKXT03.0FLB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
757	2001	Mazda	Tribute	3	1TKXT03.0FLB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
758	2002	Mazda	Miata	1.8	2TKXV01.8CJA	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452992	ALL
759	2002	Mazda	Millenia	2.3	2TKXV02.3AMA	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
760	2002	Mazda	Millenia	2.3	2TKXV02.3AMA	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
761	2002	Mazda	Millenia	2.3	2TKXV02.3AMA	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
762	2002	Mazda	Tribute	2	2TKXT02.0CJA	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
763	2002	Mazda	Tribute	3	2TKXT03.0FLB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
764	2002	Mazda	Tribute	3	2TKXT03.0FLB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
765	2002	Mazda	Tribute	3	2TKXT03.0FLB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
766	2003	Mazda	6	3	3TKXV03.0CLM	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	F	DIRECT FIT	452863	ALL
767	2003	Mazda	6	3	3TKXV03.0CLM	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	452864	ALL
768	2003	Mazda	6	3	3TKXV03.0CLM	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	457204	ALL
769	2003	Mazda	6	3	3TKXV03.0CLM	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	457204	ALL
770	2003	Mazda	Miata	1.8	3TKXV01.8CJA	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452992	ALL
771	2003	Mazda	Tribute	2	3TKXT02.0CJA	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
772	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
773	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452043	ALL
774	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
775	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
776	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452042	ALL
777	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	ALL
778	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
779	2004	Mazda	6	3	4TKXV03.0ALA	LEV1 ULEV	PC	D	2WU-TWC,2TWC	4	2	F	DIRECT FIT	452863	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
780	2004	Mazda	6	3	4TKXV03.0ALA	LEV1 ULEV	PC	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	452864	ALL
781	2004	Mazda	6	3	4TKXV03.0ALA	LEV1 ULEV	PC	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	457204	ALL
782	2004	Mazda	6	3	4TKXV03.0ALA	LEV1 ULEV	PC	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	457204	ALL
783	2004	Mazda	Miata	1.8	4TKXV01.8AJA	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452992	ALL
784	2004	Mazda	Tribute	2	4TKXT02.0AJA	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
785	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
786	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452043	ALL
787	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
788	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
789	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452042	ALL
790	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	ALL
791	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
792	2005	Mazda	Miata	1.8	5TKXV01.8NA1	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452992	ALL
793	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
794	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452043	ALL
795	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
796	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
797	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452042	ALL
798	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457010	ALL
799	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
800	2003	Mercedes-Benz	C230	1.8	3MBXV01.8LB1	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452344	ALL
801	2003	Mercedes-Benz	C230	1.8	3MBXV01.8LB1	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457175	ALL
802	2004	Mercedes-Benz	C230	1.8	4MBXV01.8LB1	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452344	ALL
803	2004	Mercedes-Benz	C230	1.8	4MBXV01.8LB1	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457175	ALL
804	1996	Mercury	Mystique	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
805	1996	Mercury	Mystique	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
806	1996	Mercury	Mystique	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457027	ALL
807	1996	Mercury	Mystique	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
808	1997	Mercury	Mystique	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
809	1997	Mercury	Mystique	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
810	1997	Mercury	Mystique	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457027	ALL
811	1997	Mercury	Mystique	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
812	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
813	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
814	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
815	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
816	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457029	ALL
817	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
818	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
819	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
820	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
821	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
822	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
823	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
824	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
825	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
826	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
827	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
828	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
829	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
830	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457029	ALL
831	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
832	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
833	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
834	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL
835	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
836	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
837	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
838	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
839	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
840	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
841	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL
842	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
843	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
844	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
845	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457029	ALL
846	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
847	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
848	2001	Mercury	Cougar	2.5	1FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL
849	2001	Mercury	Cougar	2.5	1FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452007	ALL
850	2001	Mercury	Cougar	2.5	1FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
851	2001	Mercury	Cougar	2.5	1FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452008	ALL
852	2001	Mercury	Cougar	2.5	1FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457004	ALL
853	2001	Mercury	Cougar	2.5	1FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
854	2002	Mercury	Cougar	2.5	2FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL
855	2002	Mercury	Cougar	2.5	2FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452007	ALL
856	2002	Mercury	Cougar	2.5	2FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
857	2002	Mercury	Cougar	2.5	2FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452008	ALL
858	2002	Mercury	Cougar	2.5	2FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457004	ALL
859	2002	Mercury	Cougar	2.5	2FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
860	2004	Mercury	Sable	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452925	ALL
861	2004	Mercury	Sable	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452045	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
862	2004	Mercury	Sable	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457105	ALL
863	2004	Mercury	Sable	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457207	ALL
864	2005	Mercury	Mariner	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
865	2005	Mercury	Mariner	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
866	2005	Mercury	Mariner	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
867	2005	Mercury	Sable	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452925	ALL
868	2005	Mercury	Sable	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452045	ALL
869	2005	Mercury	Sable	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457105	ALL
870	2005	Mercury	Sable	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457207	ALL
871	2006	Mercury	Milan	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452011	ALL
872	2006	Mercury	Milan	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452012	ALL
873	2006	Mercury	Milan	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457018	ALL
874	2006	Mercury	Milan	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
875	2005	Mini	Cooper	1.6	5BMXV01.6R50	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	FR	DIRECT FIT	452859	ALL
876	2006	Mini	Cooper	1.6	6BMXV01.6R50	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	FR	DIRECT FIT	452859	ALL
877	2000	Mitsubishi	Eclipse	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL
878	2000	Mitsubishi	Eclipse	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
879	2000	Mitsubishi	Eclipse	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457024	ALL
880	2000	Mitsubishi	Eclipse	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
881	2000	Mitsubishi	Galant	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL
882	2000	Mitsubishi	Galant	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
883	2000	Mitsubishi	Galant	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457024	ALL
884	2000	Mitsubishi	Galant	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
885	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNH	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL
886	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL
887	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
888	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNH	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
889	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNH	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457024	ALL
890	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457024	ALL
891	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNH	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
892	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
893	2001	Mitsubishi	Galant	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL
894	2001	Mitsubishi	Galant	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
895	2001	Mitsubishi	Galant	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
896	2001	Mitsubishi	Galant	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
897	2002	Mitsubishi	Eclipse	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
898	2002	Mitsubishi	Eclipse	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
899	2002	Mitsubishi	Eclipse	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
900	2002	Mitsubishi	Galant	2.4	2DSXV02.4G3G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
901	2002	Mitsubishi	Galant	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
902	2002	Mitsubishi	Galant	2.4	2DSXV02.4G3G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
903	2002	Mitsubishi	Galant	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
904	2002	Mitsubishi	Galant	2.4	2DSXV02.4G3G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
905	2002	Mitsubishi	Galant	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
906	2002	Mitsubishi	Lancer	2	2MTXV02.0G3G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452180	ALL
907	2002	Mitsubishi	Lancer	2	2MTXV02.0G3G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457032	ALL
908	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
909	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
910	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
911	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
912	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
913	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
914	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
915	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
916	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
917	2003	Mitsubishi	Galant	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
918	2003	Mitsubishi	Galant	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
919	2003	Mitsubishi	Galant	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
920	2003	Mitsubishi	Galant	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
921	2003	Mitsubishi	Galant	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
922	2003	Mitsubishi	Galant	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
923	2003	Mitsubishi	Galant	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
924	2003	Mitsubishi	Galant	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
925	2003	Mitsubishi	Galant	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
926	2003	Mitsubishi	Lancer	2	3MTXV02.0G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452180	ALL
927	2003	Mitsubishi	Lancer	2	3MTXV02.0G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457032	ALL
928	2004	Mitsubishi	Eclipse	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
929	2004	Mitsubishi	Eclipse	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
930	2004	Mitsubishi	Eclipse	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
931	2004	Mitsubishi	Eclipse	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
932	2004	Mitsubishi	Eclipse	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
933	2004	Mitsubishi	Eclipse	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
934	2005	Mitsubishi	Eclipse	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
935	2005	Mitsubishi	Eclipse	2.4	5DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
936	2005	Mitsubishi	Eclipse	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
937	2005	Mitsubishi	Eclipse	2.4	5DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
938	2005	Mitsubishi	Eclipse	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
939	2005	Mitsubishi	Eclipse	2.4	5DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
940	1995	Nissan	200SX	1.6	SNS1.6VJG2EK	TLEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
941	1995	Nissan	Sentra	1.6	SNS1.6VJG2EK	TLEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
942	1996	Nissan	200SX	1.6	TNS1.6VJG2EK	TLEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
943	1996	Nissan	Sentra	1.6	TNS1.6VJG2EK	TLEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
944	1997	Nissan	200SX	1.6	VNS1.6VJG3EK	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
945	1997	Nissan	200SX	1.6	VNS1.6VJG3EK	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457016	ALL
946	1997	Nissan	200SX	1.6	VNS1.6VJG3EK	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457104	ALL
947	1997	Nissan	Sentra	1.6	VNS1.6VJG3EK	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
948	1997	Nissan	Sentra	1.6	VNS1.6VJG3EK	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
949	1998	Nissan	200SX	1.6	WNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
950	1998	Nissan	200SX	1.6	WNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457016	ALL
951	1998	Nissan	200SX	1.6	WNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457104	ALL
952	1998	Nissan	Altima	2.4	WNSXV02.433B	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452871	ALL
953	1998	Nissan	Altima	2.4	WNSXV02.433B	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457105	ALL
954	1998	Nissan	Altima	2.4	WNSXV02.433B	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
955	1998	Nissan	Frontier	2.4	WNSXT02.423B	TLEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452028	ALL
956	1998	Nissan	Frontier	2.4	WNSXT02.423B	TLEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
957	1998	Nissan	Sentra	1.6	WNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
958	1998	Nissan	Sentra	1.6	WNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	457016	ALL
959	1998	Nissan	Sentra	1.6	WNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
960	1999	Nissan	Altima	2.4	XNSXV02.433A	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452871	ALL
961	1999	Nissan	Altima	2.4	XNSXV02.433A	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457105	ALL
962	1999	Nissan	Altima	2.4	XNSXV02.433A	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
963	1999	Nissan	Frontier	2.4	XNSXT02.423A	TLEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452028	ALL
964	1999	Nissan	Frontier	2.4	XNSXT02.423A	TLEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
965	1999	Nissan	Sentra	1.6	XNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
966	1999	Nissan	Sentra	1.6	XNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
967	2000	Nissan	Altima	2.4	YNSXV02.433A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452871	ALL
968	2000	Nissan	Altima	2.4	YNSXV02.433A	LEV1 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457105	ALL
969	2000	Nissan	Frontier	2.4	YNSXT02.423A	TLEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452096	ALL
970	2000	Nissan	Frontier	2.4	YNSXT02.423A	TLEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
971	2000	Nissan	Maxima	3	YNSXV03.036A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452231	ALL
972	2000	Nissan	Maxima	3	YNSXV03.036A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452405	ALL
973	2000	Nissan	Maxima	3	YNSXV03.036A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
974	2001	Nissan	Altima	2.4	1NSXV02.4C4A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452871	ALL
975	2001	Nissan	Altima	2.4	1NSXV02.4C4A	LEV1 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457105	ALL
976	2001	Nissan	Frontier	2.4	1NSXT02.4C4A	LEV1 LEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452096	ALL
977	2001	Nissan	Frontier	2.4	1NSXT02.4C4A	LEV1 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
978	2001	Nissan	Maxima	3	1NSXV03.0C6A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452231	ALL
979	2001	Nissan	Maxima	3	1NSXV03.0C6A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452405	ALL
980	2001	Nissan	Maxima	3	1NSXV03.0C6A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
981	2002	Nissan	Altima	2.5	2NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
982	2002	Nissan	Altima	2.5	2NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457020	ALL
983	2002	Nissan	Altima	2.5	2NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
984	2002	Nissan	Frontier	2.4	2NSXT02.4C4B	LEV1 LEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452096	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
985	2002	Nissan	Frontier	2.4	2NSXT02.4C4B	LEV1 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
986	2002	Nissan	Sentra	2.5	2NSXV02.5C5A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
987	2002	Nissan	Sentra	2.5	2NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
988	2002	Nissan	Sentra	2.5	2NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
989	2002	Nissan	Sentra	2.5	2NSXV02.5C5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
990	2002	Nissan	Sentra	2.5	2NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
991	2002	Nissan	Sentra	2.5	2NSXV02.5C5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
992	2003	Nissan	Altima	2.5	3NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
993	2003	Nissan	Altima	2.5	3NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457020	ALL
994	2003	Nissan	Altima	2.5	3NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
995	2003	Nissan	Frontier	2.4	3NSXT02.4C4A	LEV1 LEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452096	ALL
996	2003	Nissan	Frontier	2.4	3NSXT02.4C4A	LEV1 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
997	2003	Nissan	Sentra	1.8	3NSXV01.8D2A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452806	ALL
998	2003	Nissan	Sentra	1.8	3NSXV01.8D2A	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457104	ALL
999	2003	Nissan	Sentra	2.5	3NSXV02.5C5A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1000	2003	Nissan	Sentra	2.5	3NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1001	2003	Nissan	Sentra	2.5	3NSXV02.5C5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1002	2003	Nissan	Sentra	2.5	3NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1003	2003	Nissan	Sentra	2.5	3NSXV02.5C5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1004	2003	Nissan	Sentra	2.5	3NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1005	2004	Nissan	Frontier	2.4	4NSXT02.4N4A	LEV1 LEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452096	ALL
1006	2004	Nissan	Frontier	2.4	4NSXT02.4N4A	LEV1 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
1007	2004	Nissan	Sentra	1.8	4NSXV01.8S2A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452806	ALL
1008	2004	Nissan	Sentra	1.8	4NSXV01.8S2A	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457104	ALL
1009	2004	Nissan	Sentra	2.5	4NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1010	2004	Nissan	Sentra	2.5	4NSXV02.545A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1011	2004	Nissan	Sentra	2.5	4NSXV02.5S5A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1012	2004	Nissan	Sentra	2.5	4NSXV02.545A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1013	2004	Nissan	Sentra	2.5	4NSXV02.5S5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1014	2004	Nissan	Sentra	2.5	4NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1015	2004	Nissan	Sentra	2.5	4NSXV02.5S5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1016	2004	Nissan	Sentra	2.5	4NSXV02.545A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1017	2004	Nissan	Sentra	2.5	4NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1018	2005	Nissan	Sentra	1.8	5NSXV01.8S2A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452806	ALL
1019	2005	Nissan	Sentra	1.8	5NSXV01.8S2A	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457104	ALL
1020	2005	Nissan	Sentra	2.5	5NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1021	2005	Nissan	Sentra	2.5	5NSXV02.5S5A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1022	2005	Nissan	Sentra	2.5	5NSXV02.545A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1023	2005	Nissan	Sentra	2.5	5NSXV02.5S5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1024	2005	Nissan	Sentra	2.5	5NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1025	2005	Nissan	Sentra	2.5	5NSXV02.545A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1026	2005	Nissan	Sentra	2.5	5NSXV02.5S5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1027	2005	Nissan	Sentra	2.5	5NSXV02.545A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1028	2005	Nissan	Sentra	2.5	5NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1029	2006	Nissan	Sentra	1.8	6NSXV01.8S2A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452806	ALL
1030	2006	Nissan	Sentra	1.8	6NSXV01.8S2A	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457104	ALL
1031	2006	Nissan	Sentra	2.5	6NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1032	2006	Nissan	Sentra	2.5	6NSXV02.5S5A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1033	2006	Nissan	Sentra	2.5	6NSXV02.5S5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1034	2006	Nissan	Sentra	2.5	6NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1035	2006	Nissan	Sentra	2.5	6NSXV02.5S5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1036	2006	Nissan	Sentra	2.5	6NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1037	2000	Plymouth	Neon	2	YCRXV0122V41	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452651	ALL
1038	2000	Plymouth	Neon	2	YCRXV0122V41	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
1039	2001	Plymouth	Neon	2	1CRXV0122V40	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452651	ALL
1040	1999	Saturn	SC2	1.9	XGMXV01.9004	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1041	1999	Saturn	SC2	1.9	XGMXV01.9004	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1042	1999	Saturn	SL2	1.9	XGMXV01.9004	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1043	1999	Saturn	SL2	1.9	XGMXV01.9004	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1044	1999	Saturn	SW2	1.9	XGMXV01.9004	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1045	1999	Saturn	SW2	1.9	XGMXV01.9004	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1046	2000	Saturn	SC2	1.9	YGMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1047	2000	Saturn	SC2	1.9	YGMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1048	2000	Saturn	SL2	1.9	YGMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1049	2000	Saturn	SL2	1.9	YGMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1050	2000	Saturn	SW2	1.9	YGMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1051	2000	Saturn	SW2	1.9	YGMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1052	2001	Saturn	SC2	1.9	1GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1053	2001	Saturn	SC2	1.9	1GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1054	2001	Saturn	SL2	1.9	1GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1055	2001	Saturn	SL2	1.9	1GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1056	2001	Saturn	SW2	1.9	1GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1057	2001	Saturn	SW2	1.9	1GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1058	2002	Saturn	SC2	1.9	2GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1059	2002	Saturn	SC2	1.9	2GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1060	2002	Saturn	SL2	1.9	2GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1061	2002	Saturn	SL2	1.9	2GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1062	2005	Scion	tC	2.4	5TYXV02.4WMC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452110	ALL
1063	2005	Scion	tC	2.4	5TYXV02.4WMC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452487	ALL
1064	2005	Scion	tC	2.4	5TYXV02.4WMC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457034	ALL
1065	2006	Scion	tC	2.4	6TYXV02.4WMC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452110	ALL
1066	2006	Scion	tC	2.4	6TYXV02.4WMC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452487	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1067	2006	Scion	tC	2.4	6TYXV02.4WMC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457034	ALL
1068	1999	Suzuki	Grand Vitara	2.5	XSKXT2.49LHA	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1069	1999	Suzuki	Grand Vitara	2.5	XSKXT2.49LHA	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1070	1999	Suzuki	Grand Vitara	2.5	XSKXT2.49LHA	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1071	2000	Suzuki	Grand Vitara	2.5	YSKXT2.49LHA	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1072	2000	Suzuki	Grand Vitara	2.5	YSKXT2.49LHA	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1073	2000	Suzuki	Grand Vitara	2.5	YSKXT2.49LHA	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1074	2001	Suzuki	Grand Vitara	2.5	1SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1075	2001	Suzuki	Grand Vitara	2.5	1SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1076	2001	Suzuki	Grand Vitara	2.5	1SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1077	2002	Suzuki	Aerio	2	2SKXX2.00LC4	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452098	ALL
1078	2002	Suzuki	Aerio	2	2SKXX2.00LC4	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457104	ALL
1079	2002	Suzuki	Grand Vitara	2.5	2SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1080	2002	Suzuki	Grand Vitara	2.5	2SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1081	2002	Suzuki	Grand Vitara	2.5	2SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1082	2003	Suzuki	Aerio	2	3SKXX2.00LC2	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452098	ALL
1083	2003	Suzuki	Aerio	2	3SKXX2.00LC2	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457104	ALL
1084	2003	Suzuki	Grand Vitara	2.5	3SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1085	2003	Suzuki	Grand Vitara	2.5	3SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1086	2003	Suzuki	Grand Vitara	2.5	3SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1087	2004	Suzuki	Aerio	2.3	4SKXV2.295D1	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452671	ALL
1088	2004	Suzuki	Aerio	2.3	4SKXV2.295D1	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457204	ALL
1089	2004	Suzuki	Grand Vitara	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1090	2004	Suzuki	Grand Vitara	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1091	2004	Suzuki	Grand Vitara	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1092	2004	Suzuki	Verona	2.5	4GDXV02.5D03	LEV1 ULEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452911	ALL
1093	2004	Suzuki	Verona	2.5	4GDXV02.5D03	LEV1 ULEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452912	ALL
1094	2004	Suzuki	Vitara	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1095	2004	Suzuki	Vitara	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1096	2004	Suzuki	Vitara	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1097	2005	Suzuki	Aerio	2.3	5SKXV2.295D1	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452671	ALL
1098	2005	Suzuki	Aerio	2.3	5SKXV2.295D1	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457204	ALL
1099	2005	Suzuki	Grand Vitara	2.5	5SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1100	2005	Suzuki	Grand Vitara	2.5	5SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1101	2005	Suzuki	Grand Vitara	2.5	5SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1102	2005	Suzuki	Verona	2.5	5GDXV02.5D03	LEV1 ULEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452911	ALL
1103	2005	Suzuki	Verona	2.5	5GDXV02.5D03	LEV1 ULEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452912	ALL
1104	2006	Suzuki	Aerio	2.3	6SKXV2.295D1	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452671	ALL
1105	2006	Suzuki	Aerio	2.3	6SKXV2.295D1	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457204	ALL
1106	1996	Toyota	RAV4	2	TTY2.01JG2GK	TLEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452827	ALL
1107	1996	Toyota	RAV4	2	TTY2.01JG2GK	TLEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457105	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1108	1997	Toyota	Camry	2.2	VTY2.2VJG3GK	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452016	ALL
1109	1997	Toyota	Camry	2.2	VTY2.2VJG3GK	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457015	ALL
1110	1997	Toyota	Camry	2.2	VTY2.2VJG3GK	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1111	1997	Toyota	RAV4	2	VTY2.01JG2GK	TLEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452827	ALL
1112	1997	Toyota	RAV4	2	VTY2.01JG2GK	TLEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457105	ALL
1113	1998	Toyota	Avalon	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452468	ALL
1114	1998	Toyota	Camry	2.2	WTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1115	1998	Toyota	Camry	2.2	WTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL
1116	1998	Toyota	Camry	2.2	WTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1117	1998	Toyota	Camry	3	WTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452468	ALL
1118	1998	Toyota	RAV4	2	WTYXT02.0GXJ	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452827	ALL
1119	1998	Toyota	RAV4	2	WTYXT02.0GXJ	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457105	ALL
1120	1999	Toyota	Avalon	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452468	ALL
1121	1999	Toyota	Camry	2.2	XTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1122	1999	Toyota	Camry	2.2	XTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL
1123	1999	Toyota	Camry	2.2	XTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1124	1999	Toyota	Camry	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452468	ALL
1125	1999	Toyota	Solara	2.2	XTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1126	1999	Toyota	Solara	2.2	XTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL
1127	1999	Toyota	Solara	2.2	XTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1128	1999	Toyota	Solara	3	XTYXV03.0GXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452468	ALL
1129	2000	Toyota	Camry	2.2	YTYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1130	2000	Toyota	Camry	2.2	YTYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL
1131	2000	Toyota	Camry	2.2	YTYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1132	2000	Toyota	Camry	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452468	ALL
1133	2000	Toyota	MR2 Spyder	1.8	YTYXV01.8FFD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452066	ALL
1134	2000	Toyota	MR2 Spyder	1.8	YTYXV01.8FFD	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457065	ALL
1135	2000	Toyota	MR2 Spyder	1.8	YTYXV01.8FFD	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
1136	2000	Toyota	Solara	2.2	YTYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1137	2000	Toyota	Solara	2.2	YTYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL
1138	2000	Toyota	Solara	2.2	YTYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1139	2000	Toyota	Solara	3	YTYXV03.0FXB	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452468	ALL
1140	2001	Toyota	Camry	2.2	1TYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1141	2001	Toyota	Camry	2.2	1TYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL
1142	2001	Toyota	Camry	2.2	1TYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1143	2001	Toyota	MR2 Spyder	1.8	1TYXV01.8FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452066	ALL
1144	2001	Toyota	MR2 Spyder	1.8	1TYXV01.8FFC	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457065	ALL
1145	2001	Toyota	MR2 Spyder	1.8	1TYXV01.8FFC	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
1146	2001	Toyota	RAV4	2	1TYXT02.0FFH	LEV1 LEV	LDT1	D	2TWC	2	2	F	DIRECT FIT	452013	ALL
1147	2001	Toyota	Solara	2.2	1TYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1148	2001	Toyota	Solara	2.2	1TYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1149	2001	Toyota	Solara	2.2	1TYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1150	2002	Toyota	Camry	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452015	ALL
1151	2002	Toyota	Camry	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452014	ALL
1152	2002	Toyota	Camry	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457022	ALL
1153	2002	Toyota	Camry	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
1154	2002	Toyota	MR2 Spyder	1.8	2TYXV01.8FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452066	ALL
1155	2002	Toyota	MR2 Spyder	1.8	2TYXV01.8FFC	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457065	ALL
1156	2002	Toyota	MR2 Spyder	1.8	2TYXV01.8FFC	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
1157	2002	Toyota	RAV4	2	2TYXT02.0FFH	LEV1 LEV	LDT1	D	2TWC	2	2	F	DIRECT FIT	452013	ALL
1158	2003	Toyota	Camry	2.4	3TYXV02.4HHA	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452803	ALL
1159	2003	Toyota	Camry	2.4	3TYXV02.4HHA	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1160	2003	Toyota	Camry	2.4	3TYXV02.4HHA	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457166	ALL
1161	2003	Toyota	Camry	3	3TYXV03.0HHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452015	ALL
1162	2003	Toyota	Camry	3	3TYXV03.0HHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452014	ALL
1163	2003	Toyota	Camry	3	3TYXV03.0HHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457022	ALL
1164	2003	Toyota	Camry	3	3TYXV03.0HHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
1165	2003	Toyota	MR2 Spyder	1.8	3TYXV01.8FFC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452066	ALL
1166	2003	Toyota	MR2 Spyder	1.8	3TYXV01.8FFC	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457065	ALL
1167	2003	Toyota	MR2 Spyder	1.8	3TYXV01.8FFC	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
1168	2003	Toyota	RAV4	2	3TYXT02.0FFH	LEV1 LEV	LDT1	D	2TWC	2	2	F	DIRECT FIT	452013	ALL
1169	2003	Toyota	Solara	2.4	3TYXV02.4HHA	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452803	ALL
1170	2003	Toyota	Solara	2.4	3TYXV02.4HHA	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1171	2003	Toyota	Solara	2.4	3TYXV02.4HHA	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457166	ALL
1172	2004	Toyota	MR2 Spyder	1.8	4TYXV01.8VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452066	ALL
1173	2004	Toyota	MR2 Spyder	1.8	4TYXV01.8VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	457065	ALL
1174	2004	Toyota	MR2 Spyder	1.8	4TYXV01.8VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
1175	2004	Toyota	RAV4	2.4	4TYXT02.4WMH	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452487	ALL
1176	2004	Toyota	RAV4	2.4	4TYXT02.4WMH	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457031	ALL
1177	2005	Toyota	MR2 Spyder	1.8	5TYXV01.8VMC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452066	ALL
1178	2005	Toyota	MR2 Spyder	1.8	5TYXV01.8VMC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	457065	ALL
1179	2005	Toyota	MR2 Spyder	1.8	5TYXV01.8VMC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
1180	2005	Toyota	RAV4	2.4	5TYXT02.4WMH	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452487	ALL
1181	2005	Toyota	RAV4	2.4	5TYXT02.4WMH	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457031	ALL
1182	2002	Volkswagen	Passat	4	2VWXV04.0229	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452799	ALL
1183	2002	Volkswagen	Passat	4	2VWXV04.0229	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452796	ALL
1184	2003	Volkswagen	Passat	4	3VWXV04.0229	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452799	ALL
1185	2003	Volkswagen	Passat	4	3VWXV04.0229	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452796	ALL
1186	2004	Volkswagen	Passat	4	4VWXV04.0229	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452799	ALL
1187	2004	Volkswagen	Passat	4	4VWXV04.0229	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452796	ALL
1188	2001	Volvo	S60	2.4	1VVXV2.43U5N	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452425	ALL
1189	2002	Volvo	S60	2.4	2VVXV2.43U5N	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452425	ALL

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Car Sound Exhaust Systems, Inc. 452000 / 457000															
No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1190	2003	Volvo	S60	2.4	3VVXV2.43U1N	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452425	ALL