



EXECUTIVE ORDER D-193-147

Relating to Exemptions under Sections 27156 and 38391 of the Vehicle Code

Car Sound Exhaust Systems, Inc. (d.b.a. Magnaflow) “Series 5411000 and 5421000 Three-Way Catalytic Converters”

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

WHEREAS, Car Sound Exhaust Systems, Inc. of 1901 Corporate Center, Oceanside, California 92056 has applied to CARB for exemption from the prohibitions in VC Sections 27156 and 38391 to market its new aftermarket series 5411000 and 5421000 three-way catalytic converters (TWC) on 2004 through 2016 model-year passenger cars and light-duty trucks equipped with On-Board Diagnostic II (OBD II) systems as specified in Appendix D-193-147 and incorporated herein. Series 5411000 and 5421000 TWCs will be sold as universal or direct fit systems and will be used on multiple catalytic converter applications. Series 5411000 TWC will be used in the front position, and series 5421000 TWC will be used in the rear position.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code (HSC) Section 39515 and in the Chief of the Emissions Certification and Compliance Division by HSC Section 39516 and Executive Order G-19-095, CARB finds that the above aftermarket catalytic converters comply with VC Sections 27156 and 38395 and 13 CCR Section 2222(h). Emission performance of the catalytic converters was based on durability bench-aging by Lotus Engineering, Inc. and Southwest Research Institute using CARB-modified RAT-A bench-aging cycle for 75 hours as specified in Appendix A to the “California Evaluation Procedures for New Aftermarket Catalytic Converters,” amended September 28, 2017 (Converter Evaluation Procedures).

WHEREAS, previous emissions and OBD II compatibility tests conducted by Car Sound Exhaust Systems, Inc. using vehicle weight classification and exhaust configuration similar to those listed in Appendix D-193-147 and certified to LEV II LEV emission standards resulted in the issuance of Executive Orders D-193-111 and D-193-123, it was determined that the installation of series 5411000 and 5421000 TWCs on the vehicles listed in Appendix D-193-147 meets the requirements of California regulation for aftermarket catalytic converters.

THEREFORE, IT IS HEREBY RESOLVED that Car Sound Exhaust Systems, Inc.’s series 5411000 and 5421000 TWCs are exempted from the prohibitions in VC Sections

27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-193-147 subject to the following conditions:

1. No changes are permitted to the catalytic converters as described in the application for exemption. Any changes to the catalytic converters or any of their components and other factors addressed in this Executive Order must be evaluated and approved by CARB prior to marketing in California.
2. Marketing of the catalytic converters using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converters for applications other than the ones shown in this Executive Order shall be prohibited unless prior approval is obtained from CARB. Exemption of these products shall not be construed as an exemption to sell, offer for sale, or advertise any components of the catalytic converters as individual devices.
3. Any oral or written references to this Executive Order or its content by Car Sound Exhaust Systems, Inc., its principals, agents, employees, distributors, dealers, or other representatives must include the disclaimer that the Executive Order or the exemption it provides is not an endorsement or approval of any emission reduction claims for the catalytic converters and is only a finding that the catalytic converters are exempted from the prohibitions in VC Sections 27156 and 38391.
4. Car Sound Exhaust Systems, Inc.'s installation instructions for the new catalytic converters must conform to requirements in Section (h) of the Converter Evaluation Procedures.
5. Installation of the catalytic converters shall not cause the relocation of any oxygen sensors. Oxygen sensors must be installed in the same location, position and orientation as prescribed in the original equipment manufacturer's configurations.
6. Upon installation, the catalytic converters must carry a manufacturer's warranty for five (5) years or 50,000 miles as prescribed in Section (f)(2) of the Converter Evaluation Procedures.
7. Car Sound Exhaust Systems, Inc. and its vendors may not advertise the new aftermarket catalytic converters as "high flow" or "easy flow" catalytic converters or use any phrase that could make them appear to perform better than the original equipment manufacturer catalytic converters.
8. Any marketing arrangement of the new aftermarket catalytic converters by a third party, which involves the use of packaging identification different from the ones described in this Executive Order, must be approved by CARB prior to shipment.

9. Car Sound Exhaust Systems, Inc., its associates, vendors, other businesses and individuals associated with Car Sound Exhaust Systems, Inc. may not sell or supply new aftermarket catalytic converter substrates to a third party to be assembled in a different facility and marketed under this Executive Order without approval from CARB.
10. Car Sound Exhaust Systems, Inc. shall comply with the quality control procedures and reporting requirements in Section (f)(5) of the Converter Evaluation Procedures.
11. Quality control reports must be submitted on a quarterly basis and warranty information reports on a semi-annual basis.
12. Car Sound Exhaust Systems, Inc. must provide a permanent label or stamp as specified under Section (f)(1) of the Converter Evaluation Procedures.
13. Car Sound Exhaust Systems, Inc.'s vehicle application catalog must conform to the requirements specified under Section (f)(4) of the Converter Evaluation Procedures.
14. Catalytic converters exempted under this Executive Order may not be installed on a vehicle unless the vehicle is beyond the coverage of the original equipment manufacturer catalytic converter warranty period.
15. Car Sound Exhaust Systems, Inc. may not sell, offer for sale, or advertise catalytic converters for 2016 model-year vehicles until July 1, 2020.

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 on this 9TH day of June 2020.



Allen Lyons, Chief
Emissions Certification and Compliance Division

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2008	Alfa Romeo	8C	4.7	8FTGV04.7LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
2	2008	Alfa Romeo	8C	4.7	8FTGV04.7LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
3	2008	Alfa Romeo	8C	4.7	8FTGV04.7LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
4	2008	Alfa Romeo	8C	4.7	8FTGV04.7LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
5	2005	Aston Martin	DB9	6	5ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
6	2005	Aston Martin	DB9	6	5ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
7	2005	Aston Martin	DB9	6	5ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
8	2005	Aston Martin	DB9	6	5ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
9	2005	Aston Martin	DB9	6	5ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
10	2005	Aston Martin	DB9	6	5ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
11	2006	Aston Martin	DB9	6	6ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
12	2006	Aston Martin	DB9	6	6ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
13	2006	Aston Martin	DB9	6	6ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
14	2006	Aston Martin	DB9	6	6ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
15	2006	Aston Martin	DB9	6	6ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
16	2006	Aston Martin	DB9	6	6ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
17	2007	Aston Martin	DB9	6	7ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
18	2007	Aston Martin	DB9	6	7ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
19	2007	Aston Martin	DB9	6	7ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
20	2007	Aston Martin	DB9	6	7ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
21	2007	Aston Martin	DB9	6	7ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
22	2007	Aston Martin	DB9	6	7ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
23	2008	Aston Martin	DB9	6	8ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
24	2008	Aston Martin	DB9	6	8ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
25	2008	Aston Martin	DB9	6	8ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
26	2008	Aston Martin	DB9	6	8ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
27	2008	Aston Martin	DB9	6	8ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
28	2008	Aston Martin	DB9	6	8ASXV05.9803	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
29	2009	Aston Martin	DB9	6	9ASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
30	2009	Aston Martin	DB9	6	9ASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
31	2009	Aston Martin	DB9	6	9ASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
32	2009	Aston Martin	DB9	6	9ASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
33	2009	Aston Martin	DB9	6	9ASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
34	2009	Aston Martin	DB9	6	9ASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
35	2009	Aston Martin	DBS	6	9ASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
36	2009	Aston Martin	DBS	6	9ASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
37	2009	Aston Martin	DBS	6	9ASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
38	2009	Aston Martin	DBS	6	9ASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
39	2009	Aston Martin	DBS	6	9ASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
40	2009	Aston Martin	DBS	6	9ASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
41	2010	Aston Martin	DB9	6	AASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2010	Aston Martin	DB9	6	AASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
43	2010	Aston Martin	DB9	6	AASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
44	2010	Aston Martin	DB9	6	AASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
45	2010	Aston Martin	DB9	6	AASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
46	2010	Aston Martin	DB9	6	AASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
47	2010	Aston Martin	DBS	6	AASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
48	2010	Aston Martin	DBS	6	AASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
49	2010	Aston Martin	DBS	6	AASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
50	2010	Aston Martin	DBS	6	AASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
51	2010	Aston Martin	DBS	6	AASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
52	2010	Aston Martin	DBS	6	AASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
53	2011	Aston Martin	DB9	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
54	2011	Aston Martin	DB9	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
55	2011	Aston Martin	DB9	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
56	2011	Aston Martin	DB9	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
57	2011	Aston Martin	DB9	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
58	2011	Aston Martin	DB9	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
59	2011	Aston Martin	DBS	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
60	2011	Aston Martin	DBS	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
61	2011	Aston Martin	DBS	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
62	2011	Aston Martin	DBS	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
63	2011	Aston Martin	DBS	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
64	2011	Aston Martin	DBS	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
65	2011	Aston Martin	Rapide	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
66	2011	Aston Martin	Rapide	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
67	2011	Aston Martin	Rapide	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
68	2011	Aston Martin	Rapide	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
69	2011	Aston Martin	Rapide	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
70	2011	Aston Martin	Rapide	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
71	2011	Aston Martin	V12 Vantage	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
72	2011	Aston Martin	V12 Vantage	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
73	2011	Aston Martin	V12 Vantage	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
74	2011	Aston Martin	V12 Vantage	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
75	2011	Aston Martin	V12 Vantage	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
76	2011	Aston Martin	V12 Vantage	6	BASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
77	2011	Aston Martin	V8 Vantage	4.7	BASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
78	2011	Aston Martin	V8 Vantage	4.7	BASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
79	2011	Aston Martin	V8 Vantage	4.7	BASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
80	2011	Aston Martin	V8 Vantage	4.7	BASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
81	2012	Aston Martin	DB9	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
82	2012	Aston Martin	DB9	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2012	Aston Martin	DB9	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
84	2012	Aston Martin	DB9	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
85	2012	Aston Martin	DB9	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
86	2012	Aston Martin	DB9	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
87	2012	Aston Martin	DBS	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
88	2012	Aston Martin	DBS	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
89	2012	Aston Martin	DBS	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
90	2012	Aston Martin	DBS	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
91	2012	Aston Martin	DBS	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
92	2012	Aston Martin	DBS	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
93	2012	Aston Martin	Rapide	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
94	2012	Aston Martin	Rapide	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
95	2012	Aston Martin	Rapide	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
96	2012	Aston Martin	Rapide	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
97	2012	Aston Martin	Rapide	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
98	2012	Aston Martin	Rapide	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
99	2012	Aston Martin	V12 Vantage	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
100	2012	Aston Martin	V12 Vantage	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
101	2012	Aston Martin	V12 Vantage	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
102	2012	Aston Martin	V12 Vantage	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
103	2012	Aston Martin	V12 Vantage	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
104	2012	Aston Martin	V12 Vantage	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
105	2012	Aston Martin	V8 Vantage	4.7	CASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
106	2012	Aston Martin	V8 Vantage	4.7	CASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
107	2012	Aston Martin	V8 Vantage	4.7	CASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
108	2012	Aston Martin	V8 Vantage	4.7	CASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
109	2012	Aston Martin	Virage	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
110	2012	Aston Martin	Virage	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
111	2012	Aston Martin	Virage	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
112	2012	Aston Martin	Virage	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
113	2012	Aston Martin	Virage	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
114	2012	Aston Martin	Virage	6	CASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
115	2013	Aston Martin	DB9	6	DASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
116	2013	Aston Martin	DB9	6	DASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
117	2013	Aston Martin	DB9	6	DASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
118	2013	Aston Martin	DB9	6	DASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
119	2013	Aston Martin	DB9	6	DASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
120	2013	Aston Martin	DB9	6	DASXV05.9VH1	LEV2 LEV	PC	D	4TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
121	2013	Aston Martin	V8 Vantage	4.7	DASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
122	2013	Aston Martin	V8 Vantage	4.7	DASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
123	2013	Aston Martin	V8 Vantage	4.7	DASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2013	Aston Martin	V8 Vantage	4.7	DASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
125	2014	Aston Martin	DB9	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
126	2014	Aston Martin	DB9	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
127	2014	Aston Martin	DB9	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
128	2014	Aston Martin	DB9	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
129	2014	Aston Martin	DB9	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
130	2014	Aston Martin	DB9	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
131	2014	Aston Martin	Rapide	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
132	2014	Aston Martin	Rapide	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
133	2014	Aston Martin	Rapide	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
134	2014	Aston Martin	Rapide	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
135	2014	Aston Martin	Rapide	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
136	2014	Aston Martin	Rapide	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
137	2014	Aston Martin	V8 Vantage	4.7	EASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
138	2014	Aston Martin	V8 Vantage	4.7	EASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
139	2014	Aston Martin	V8 Vantage	4.7	EASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
140	2014	Aston Martin	V8 Vantage	4.7	EASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
141	2014	Aston Martin	Vanquish	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
142	2014	Aston Martin	Vanquish	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
143	2014	Aston Martin	Vanquish	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
144	2014	Aston Martin	Vanquish	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
145	2014	Aston Martin	Vanquish	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
146	2014	Aston Martin	Vanquish	6	EASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
147	2015	Aston Martin	DB9	6	FASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
148	2015	Aston Martin	DB9	6	FASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
149	2015	Aston Martin	DB9	6	FASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
150	2015	Aston Martin	DB9	6	FASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
151	2015	Aston Martin	DB9	6	FASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
152	2015	Aston Martin	DB9	6	FASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
153	2015	Aston Martin	Rapide	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
154	2015	Aston Martin	Rapide	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
155	2015	Aston Martin	Rapide	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
156	2015	Aston Martin	Rapide	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
157	2015	Aston Martin	Rapide	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
158	2015	Aston Martin	Rapide	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
159	2015	Aston Martin	V12 Vantage	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
160	2015	Aston Martin	V12 Vantage	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
161	2015	Aston Martin	V12 Vantage	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
162	2015	Aston Martin	V12 Vantage	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
163	2015	Aston Martin	V12 Vantage	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
164	2015	Aston Martin	V12 Vantage	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL

Appendix D-193-147
Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2015	Aston Martin	V8 Vantage	4.7	FASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
166	2015	Aston Martin	V8 Vantage	4.7	FASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
167	2015	Aston Martin	V8 Vantage	4.7	FASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
168	2015	Aston Martin	V8 Vantage	4.7	FASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
169	2015	Aston Martin	Vanquish	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
170	2015	Aston Martin	Vanquish	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
171	2015	Aston Martin	Vanquish	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
172	2015	Aston Martin	Vanquish	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
173	2015	Aston Martin	Vanquish	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
174	2015	Aston Martin	Vanquish	6	FASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
175	2016	Aston Martin	DB9	6	GASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
176	2016	Aston Martin	DB9	6	GASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
177	2016	Aston Martin	DB9	6	GASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
178	2016	Aston Martin	DB9	6	GASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
179	2016	Aston Martin	DB9	6	GASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
180	2016	Aston Martin	DB9	6	GASXV05.9VH1	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
181	2016	Aston Martin	Rapide	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
182	2016	Aston Martin	Rapide	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
183	2016	Aston Martin	Rapide	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
184	2016	Aston Martin	Rapide	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
185	2016	Aston Martin	Rapide	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
186	2016	Aston Martin	Rapide	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
187	2016	Aston Martin	V12 Vantage	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
188	2016	Aston Martin	V12 Vantage	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
189	2016	Aston Martin	V12 Vantage	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
190	2016	Aston Martin	V12 Vantage	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
191	2016	Aston Martin	V12 Vantage	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
192	2016	Aston Martin	V12 Vantage	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
193	2016	Aston Martin	V8 Vantage	4.7	GASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
194	2016	Aston Martin	V8 Vantage	4.7	GASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
195	2016	Aston Martin	V8 Vantage	4.7	GASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
196	2016	Aston Martin	V8 Vantage	4.7	GASXV04.7VH2	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
197	2016	Aston Martin	Vanquish	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
198	2016	Aston Martin	Vanquish	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
199	2016	Aston Martin	Vanquish	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
200	2016	Aston Martin	Vanquish	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
201	2016	Aston Martin	Vanquish	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
202	2016	Aston Martin	Vanquish	6	GASXV06.0VHB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
203	2005	Audi	A4 Quattro	3	5ADXV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	AUTOMATIC
204	2005	Audi	A4 Quattro	3	5ADXV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411306	AUTOMATIC
205	2005	Audi	A4 Quattro	3	5ADXV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	AUTOMATIC

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2005	Audi	A4 Quattro	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411306	AUTOMATIC
207	2005	Audi	A4 Quattro	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	AUTOMATIC
208	2005	Audi	A4 Quattro	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	AUTOMATIC
209	2005	Audi	A4 Quattro	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	AUTOMATIC
210	2005	Audi	A4 Quattro	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	AUTOMATIC
211	2005	Audi	A4 Quattro	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411164	AUTOMATIC
212	2005	Audi	A4 Quattro	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411165	AUTOMATIC
213	2005	Audi	A4	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
214	2005	Audi	A4	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411306	ALL
215	2005	Audi	A4	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
216	2005	Audi	A4	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411306	ALL
217	2005	Audi	A4	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
218	2005	Audi	A4	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
219	2005	Audi	A4	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
220	2005	Audi	A4	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
221	2005	Audi	A4	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411162	ALL
222	2005	Audi	A4	3	5AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411163	ALL
223	2006	Audi	A4 Quattro	3	6AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
224	2006	Audi	A4 Quattro	3	6AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411306	ALL
225	2006	Audi	A4 Quattro	3	6AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
226	2006	Audi	A4 Quattro	3	6AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411306	ALL
227	2006	Audi	A4 Quattro	3	6AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
228	2006	Audi	A4 Quattro	3	6AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
229	2006	Audi	A4 Quattro	3	6AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
230	2006	Audi	A4 Quattro	3	6AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
231	2006	Audi	A4 Quattro	3	6AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411164	ALL
232	2006	Audi	A4 Quattro	3	6AD XV03.0354	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411165	ALL
233	2007	Audi	RS4	4.2	7AD XV04.2375	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411019	ALL
234	2007	Audi	RS4	4.2	7AD XV04.2375	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411020	ALL
235	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	MANUAL
236	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	MANUAL
237	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	AUTOMATIC
238	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	AUTOMATIC
239	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	MANUAL
240	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	AUTOMATIC
241	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	MANUAL
242	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	AUTOMATIC
243	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	AUTOMATIC
244	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	AUTOMATIC
245	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411871	MANUAL
246	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411917	AUTOMATIC

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411872	MANUAL
248	2007	Audi	S4	4.2	7AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411918	AUTOMATIC
249	2008	Audi	RS4	4.2	8AD XV04.2375	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411019	ALL
250	2008	Audi	RS4	4.2	8AD XV04.2375	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411020	ALL
251	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	MANUAL
252	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	MANUAL
253	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	AUTOMATIC
254	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	AUTOMATIC
255	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	MANUAL
256	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	MANUAL
257	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	AUTOMATIC
258	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	AUTOMATIC
259	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	AUTOMATIC
260	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	AUTOMATIC
261	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411871	MANUAL
262	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411917	AUTOMATIC
263	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411872	MANUAL
264	2008	Audi	S4	4.2	8AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411918	AUTOMATIC
265	2009	Audi	R8	4.2	9AD XV04.2375	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
266	2009	Audi	R8	4.2	9AD XV04.2375	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
267	2009	Audi	R8	4.2	9AD XV04.2375	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
268	2009	Audi	R8	4.2	9AD XV04.2375	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
269	2009	Audi	R8	5.2	9AD XV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
270	2009	Audi	R8	5.2	9AD XV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
271	2009	Audi	R8	5.2	9AD XV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
272	2009	Audi	R8	5.2	9AD XV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
273	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	MANUAL
274	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	MANUAL
275	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	AUTOMATIC
276	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	MANUAL
277	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	AUTOMATIC
278	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	AUTOMATIC
279	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	MANUAL
280	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	AUTOMATIC
281	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	AUTOMATIC
282	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	AUTOMATIC
283	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411871	MANUAL
284	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411917	AUTOMATIC
285	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411872	MANUAL
286	2009	Audi	S4	4.2	9AD XV04.2355	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411918	AUTOMATIC
287	2010	Audi	R8	4.2	AAD XV04.2375	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2010	Audi	R8	4.2	AADXV04.2375	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
289	2010	Audi	R8	4.2	AADXV04.2375	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
290	2010	Audi	R8	4.2	AADXV04.2375	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
291	2010	Audi	R8	5.2	AADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
292	2010	Audi	R8	5.2	AADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
293	2010	Audi	R8	5.2	AADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
294	2010	Audi	R8	5.2	AADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
295	2007	Bentley	Arnage	6.8	7BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
296	2007	Bentley	Arnage	6.8	7BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
297	2007	Bentley	Arnage	6.8	7BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
298	2007	Bentley	Arnage	6.8	7BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
299	2007	Bentley	Azure	6.8	7BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
300	2007	Bentley	Azure	6.8	7BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
301	2007	Bentley	Azure	6.8	7BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
302	2007	Bentley	Azure	6.8	7BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
303	2007	Bentley	Continental	6	7BEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
304	2007	Bentley	Continental	6	7BEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
305	2007	Bentley	Continental	6	7BEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
306	2007	Bentley	Continental	6	7BEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
307	2008	Bentley	Arnage	6.8	8BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
308	2008	Bentley	Arnage	6.8	8BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
309	2008	Bentley	Arnage	6.8	8BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
310	2008	Bentley	Arnage	6.8	8BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
311	2008	Bentley	Azure	6.8	8BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
312	2008	Bentley	Azure	6.8	8BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
313	2008	Bentley	Azure	6.8	8BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
314	2008	Bentley	Azure	6.8	8BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
315	2008	Bentley	Brooklands	6.8	8BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
316	2008	Bentley	Brooklands	6.8	8BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
317	2008	Bentley	Brooklands	6.8	8BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
318	2008	Bentley	Brooklands	6.8	8BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
319	2008	Bentley	Continental	6	8BEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
320	2008	Bentley	Continental	6	8BEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
321	2008	Bentley	Continental	6	8BEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
322	2008	Bentley	Continental	6	8BEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
323	2009	Bentley	Arnage	6.8	9BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
324	2009	Bentley	Arnage	6.8	9BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
325	2009	Bentley	Arnage	6.8	9BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
326	2009	Bentley	Arnage	6.8	9BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
327	2009	Bentley	Azure	6.8	9BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
328	2009	Bentley	Azure	6.8	9BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2009	Bentley	Azure	6.8	9BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
330	2009	Bentley	Azure	6.8	9BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
331	2009	Bentley	Brooklands	6.8	9BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
332	2009	Bentley	Brooklands	6.8	9BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
333	2009	Bentley	Brooklands	6.8	9BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
334	2009	Bentley	Brooklands	6.8	9BEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
335	2009	Bentley	Continental	6	9BEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
336	2009	Bentley	Continental	6	9BEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
337	2009	Bentley	Continental	6	9BEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
338	2009	Bentley	Continental	6	9BEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
339	2010	Bentley	Azure	6.8	ABEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
340	2010	Bentley	Azure	6.8	ABEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
341	2010	Bentley	Azure	6.8	ABEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
342	2010	Bentley	Azure	6.8	ABEXV06.7TTC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
343	2010	Bentley	Continental	6	ABEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
344	2010	Bentley	Continental	6	ABEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
345	2010	Bentley	Continental	6	ABEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
346	2010	Bentley	Continental	6	ABEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
347	2011	Bentley	Continental	6	BBEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
348	2011	Bentley	Continental	6	BBEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
349	2011	Bentley	Continental	6	BBEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
350	2011	Bentley	Continental	6	BBEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
351	2011	Bentley	Mulsanne	6.8	BBEXV06.84LA	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
352	2011	Bentley	Mulsanne	6.8	BBEXV06.84LA	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
353	2011	Bentley	Mulsanne	6.8	BBEXV06.84LA	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
354	2011	Bentley	Mulsanne	6.8	BBEXV06.84LA	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
355	2012	Bentley	Continental	6	CBEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
356	2012	Bentley	Continental	6	CBEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
357	2012	Bentley	Continental	6	CBEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
358	2012	Bentley	Continental	6	CBEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
359	2012	Bentley	Mulsanne	6.8	CBEXV06.84LA	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
360	2012	Bentley	Mulsanne	6.8	CBEXV06.84LA	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
361	2012	Bentley	Mulsanne	6.8	CBEXV06.84LA	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
362	2012	Bentley	Mulsanne	6.8	CBEXV06.84LA	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
363	2013	Bentley	Continental	6	DBEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
364	2013	Bentley	Continental	6	DBEXV06.04UC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
365	2013	Bentley	Continental	6	DBEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
366	2013	Bentley	Continental	6	DBEXV06.04UC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
367	2013	Bentley	Continental	6	DBEXV06.04UC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
368	2013	Bentley	Continental	6	DBEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
369	2013	Bentley	Continental	6	DBEXV06.04UC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
370	2013	Bentley	Continental	6	DBEXV06.0501	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
371	2014	Bentley	Continental	6	EBEXV06.04UC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
372	2014	Bentley	Continental	6	EBEXV06.04UC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
373	2014	Bentley	Continental	6	EBEXV06.04UC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
374	2014	Bentley	Continental	6	EBEXV06.04UC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
375	2014	Bentley	Flying Spur	6	EBEXV06.04UC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
376	2014	Bentley	Flying Spur	6	EBEXV06.04UC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
377	2014	Bentley	Flying Spur	6	EBEXV06.04UC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
378	2014	Bentley	Flying Spur	6	EBEXV06.04UC	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
379	2015	Bentley	Continental	6	FVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
380	2015	Bentley	Continental	6	FVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
381	2015	Bentley	Continental	6	FVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
382	2015	Bentley	Continental	6	FVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
383	2015	Bentley	Flying Spur	6	FVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
384	2015	Bentley	Flying Spur	6	FVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
385	2015	Bentley	Flying Spur	6	FVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
386	2015	Bentley	Flying Spur	6	FVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
387	2016	Bentley	Continental	6	GVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
388	2016	Bentley	Continental	6	GVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
389	2016	Bentley	Continental	6	GVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
390	2016	Bentley	Continental	6	GVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
391	2016	Bentley	Flying Spur	6	GVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
392	2016	Bentley	Flying Spur	6	GVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
393	2016	Bentley	Flying Spur	6	GVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
394	2016	Bentley	Flying Spur	6	GVGAV06.0VLN	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
395	2008	BMW	535i	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411062	ALL
396	2008	BMW	535i	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411062	ALL
397	2008	BMW	535i	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
398	2008	BMW	535i	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
399	2008	BMW	535i	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
400	2008	BMW	535i	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
401	2008	BMW	535i	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411063	ALL
402	2008	BMW	535i	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411063	ALL
403	2008	BMW	535i	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
404	2008	BMW	535i	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
405	2008	BMW	535i	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
406	2008	BMW	535i	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
407	2008	BMW	535i	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421013	ALL
408	2008	BMW	535i	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421013	ALL
409	2008	BMW	535i	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421276	ALL
410	2008	BMW	535i	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421276	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2008	BMW	535i	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421014	ALL
412	2008	BMW	535i	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421014	ALL
413	2008	BMW	535i	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
414	2008	BMW	535i	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
415	2008	BMW	535i	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
416	2008	BMW	535i	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
417	2008	BMW	535xi	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411062	ALL
418	2008	BMW	535xi	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411062	ALL
419	2008	BMW	535xi	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
420	2008	BMW	535xi	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
421	2008	BMW	535xi	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
422	2008	BMW	535xi	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
423	2008	BMW	535xi	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411063	ALL
424	2008	BMW	535xi	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411063	ALL
425	2008	BMW	535xi	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
426	2008	BMW	535xi	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
427	2008	BMW	535xi	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
428	2008	BMW	535xi	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
429	2008	BMW	535xi	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421013	ALL
430	2008	BMW	535xi	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421013	ALL
431	2008	BMW	535xi	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421276	ALL
432	2008	BMW	535xi	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421276	ALL
433	2008	BMW	535xi	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421014	ALL
434	2008	BMW	535xi	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421014	ALL
435	2008	BMW	535xi	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
436	2008	BMW	535xi	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
437	2008	BMW	535xi	3	8BMXV03.0N54	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
438	2008	BMW	535xi	3	8BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
439	2008	BMW	M3	4	8BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
440	2008	BMW	M3	4	8BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
441	2008	BMW	M3	4	8BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
442	2008	BMW	M3	4	8BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
443	2008	BMW	M3	4	8BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
444	2008	BMW	M3	4	8BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
445	2008	BMW	M3	4	8BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
446	2008	BMW	M3	4	8BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
447	2008	BMW	M3	4	8BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5411031	ALL
448	2009	BMW	535i xDrive	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411062	ALL
449	2009	BMW	535i xDrive	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
450	2009	BMW	535i xDrive	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
451	2009	BMW	535i xDrive	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411063	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
452	2009	BMW	535i xDrive	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
453	2009	BMW	535i xDrive	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
454	2009	BMW	535i xDrive	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421013	ALL
455	2009	BMW	535i xDrive	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421276	ALL
456	2009	BMW	535i xDrive	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421014	ALL
457	2009	BMW	535i xDrive	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
458	2009	BMW	535i xDrive	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
459	2009	BMW	535i	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411062	ALL
460	2009	BMW	535i	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
461	2009	BMW	535i	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
462	2009	BMW	535i	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411063	ALL
463	2009	BMW	535i	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
464	2009	BMW	535i	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
465	2009	BMW	535i	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421013	ALL
466	2009	BMW	535i	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421276	ALL
467	2009	BMW	535i	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421014	ALL
468	2009	BMW	535i	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
469	2009	BMW	535i	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
470	2009	BMW	M3	4	9BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
471	2009	BMW	M3	4	9BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
472	2009	BMW	M3	4	9BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
473	2009	BMW	M3	4	9BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
474	2009	BMW	M3	4	9BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
475	2009	BMW	M3	4	9BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
476	2009	BMW	M3	4	9BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
477	2009	BMW	M3	4	9BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
478	2009	BMW	M3	4	9BMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5411031	ALL
479	2009	BMW	Z4	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411169	ALL
480	2009	BMW	Z4	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411170	ALL
481	2009	BMW	Z4	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421171	ALL
482	2009	BMW	Z4	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
483	2009	BMW	Z4	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
484	2009	BMW	Z4	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
485	2009	BMW	Z4	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
486	2009	BMW	Z4	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
487	2009	BMW	Z4	3	9BMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421272	ALL
488	2010	BMW	535i xDrive	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411062	ALL
489	2010	BMW	535i xDrive	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
490	2010	BMW	535i xDrive	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
491	2010	BMW	535i xDrive	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411063	ALL
492	2010	BMW	535i xDrive	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2010	BMW	535i xDrive	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
494	2010	BMW	535i xDrive	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421013	ALL
495	2010	BMW	535i xDrive	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421276	ALL
496	2010	BMW	535i xDrive	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421014	ALL
497	2010	BMW	535i xDrive	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
498	2010	BMW	535i xDrive	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
499	2010	BMW	535i	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411062	ALL
500	2010	BMW	535i	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
501	2010	BMW	535i	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
502	2010	BMW	535i	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411063	ALL
503	2010	BMW	535i	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
504	2010	BMW	535i	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
505	2010	BMW	535i	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421013	ALL
506	2010	BMW	535i	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421276	ALL
507	2010	BMW	535i	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421014	ALL
508	2010	BMW	535i	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
509	2010	BMW	535i	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
510	2010	BMW	M3	4	ABMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
511	2010	BMW	M3	4	ABMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
512	2010	BMW	M3	4	ABMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
513	2010	BMW	M3	4	ABMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
514	2010	BMW	M3	4	ABMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
515	2010	BMW	M3	4	ABMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
516	2010	BMW	M3	4	ABMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
517	2010	BMW	M3	4	ABMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
518	2010	BMW	M3	4	ABMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5411031	ALL
519	2010	BMW	Z4	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411169	ALL
520	2010	BMW	Z4	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411170	ALL
521	2010	BMW	Z4	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421171	ALL
522	2010	BMW	Z4	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
523	2010	BMW	Z4	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
524	2010	BMW	Z4	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
525	2010	BMW	Z4	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
526	2010	BMW	Z4	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
527	2010	BMW	Z4	3	ABMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421272	ALL
528	2011	BMW	1 Series M	3	BBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411173	ALL
529	2011	BMW	1 Series M	3	BBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411174	ALL
530	2011	BMW	1 Series M	3	BBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	5421175	ALL
531	2011	BMW	1 Series M	3	BBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
532	2011	BMW	1 Series M	3	BBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
533	2011	BMW	1 Series M	3	BBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2011	BMW	1 Series M	3	BBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
535	2011	BMW	M3	4	BBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
536	2011	BMW	M3	4	BBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
537	2011	BMW	M3	4	BBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
538	2011	BMW	M3	4	BBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
539	2011	BMW	M3	4	BBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
540	2011	BMW	M3	4	BBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
541	2011	BMW	M3	4	BBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
542	2011	BMW	M3	4	BBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
543	2011	BMW	M3	4	BBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5411031	ALL
544	2012	BMW	M3	4	CBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
545	2012	BMW	M3	4	CBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
546	2012	BMW	M3	4	CBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
547	2012	BMW	M3	4	CBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
548	2012	BMW	M3	4	CBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
549	2012	BMW	M3	4	CBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
550	2012	BMW	M3	4	CBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
551	2012	BMW	M3	4	CBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
552	2012	BMW	M3	4	CBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5411031	ALL
553	2012	BMW	Z4	3	CBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411169	ALL
554	2012	BMW	Z4	3	CBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411170	ALL
555	2012	BMW	Z4	3	CBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421171	ALL
556	2012	BMW	Z4	3	CBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
557	2012	BMW	Z4	3	CBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
558	2012	BMW	Z4	3	CBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
559	2012	BMW	Z4	3	CBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
560	2012	BMW	Z4	3	CBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
561	2012	BMW	Z4	3	CBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421272	ALL
562	2013	BMW	M3	4	DBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
563	2013	BMW	M3	4	DBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
564	2013	BMW	M3	4	DBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
565	2013	BMW	M3	4	DBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
566	2013	BMW	M3	4	DBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
567	2013	BMW	M3	4	DBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
568	2013	BMW	M3	4	DBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
569	2013	BMW	M3	4	DBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
570	2013	BMW	M3	4	DBMXV04.0S65	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5411031	ALL
571	2013	BMW	Z4	3	DBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411169	ALL
572	2013	BMW	Z4	3	DBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411170	ALL
573	2013	BMW	Z4	3	DBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421171	ALL
574	2013	BMW	Z4	3	DBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2013	BMW	Z4	3	DBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
576	2013	BMW	Z4	3	DBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
577	2013	BMW	Z4	3	DBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
578	2013	BMW	Z4	3	DBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
579	2013	BMW	Z4	3	DBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421272	ALL
580	2014	BMW	Z4	3	EBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411169	ALL
581	2014	BMW	Z4	3	EBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411170	ALL
582	2014	BMW	Z4	3	EBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421171	ALL
583	2014	BMW	Z4	3	EBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
584	2014	BMW	Z4	3	EBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
585	2014	BMW	Z4	3	EBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
586	2014	BMW	Z4	3	EBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
587	2014	BMW	Z4	3	EBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
588	2014	BMW	Z4	3	EBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421272	ALL
589	2015	BMW	Z4	3	FBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411169	ALL
590	2015	BMW	Z4	3	FBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411170	ALL
591	2015	BMW	Z4	3	FBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421171	ALL
592	2015	BMW	Z4	3	FBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
593	2015	BMW	Z4	3	FBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
594	2015	BMW	Z4	3	FBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
595	2015	BMW	Z4	3	FBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
596	2015	BMW	Z4	3	FBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
597	2015	BMW	Z4	3	FBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421272	ALL
598	2016	BMW	Z4	3	GBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	5411169	ALL
599	2016	BMW	Z4	3	GBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	5411170	ALL
600	2016	BMW	Z4	3	GBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	5421171	ALL
601	2016	BMW	Z4	3	GBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
602	2016	BMW	Z4	3	GBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
603	2016	BMW	Z4	3	GBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
604	2016	BMW	Z4	3	GBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
605	2016	BMW	Z4	3	GBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
606	2016	BMW	Z4	3	GBMXV03.054R	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	5421272	ALL
607	2008	Bugatti	Veyron 16.4	8	8BGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
608	2008	Bugatti	Veyron 16.4	8	8BGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
609	2008	Bugatti	Veyron 16.4	8	8BGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
610	2008	Bugatti	Veyron 16.4	8	8BGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
611	2008	Bugatti	Veyron 16.4	8	8BGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
612	2008	Bugatti	Veyron 16.4	8	8BGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
613	2010	Bugatti	Veyron 16.4	8	ABGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
614	2010	Bugatti	Veyron 16.4	8	ABGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
615	2010	Bugatti	Veyron 16.4	8	ABGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
616	2010	Bugatti	Veyron 16.4	8	ABGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
617	2010	Bugatti	Veyron 16.4	8	ABGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
618	2010	Bugatti	Veyron 16.4	8	ABGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
619	2011	Bugatti	Veyron 16.4	8	BBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
620	2011	Bugatti	Veyron 16.4	8	BBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
621	2011	Bugatti	Veyron 16.4	8	BBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
622	2011	Bugatti	Veyron 16.4	8	BBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
623	2011	Bugatti	Veyron 16.4	8	BBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
624	2011	Bugatti	Veyron 16.4	8	BBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
625	2012	Bugatti	Veyron 16.4	8	CBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
626	2012	Bugatti	Veyron 16.4	8	CBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
627	2012	Bugatti	Veyron 16.4	8	CBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
628	2012	Bugatti	Veyron 16.4	8	CBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
629	2012	Bugatti	Veyron 16.4	8	CBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
630	2012	Bugatti	Veyron 16.4	8	CBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
631	2013	Bugatti	Veyron 16.4	8	DBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
632	2013	Bugatti	Veyron 16.4	8	DBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
633	2013	Bugatti	Veyron 16.4	8	DBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
634	2013	Bugatti	Veyron 16.4	8	DBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
635	2013	Bugatti	Veyron 16.4	8	DBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
636	2013	Bugatti	Veyron 16.4	8	DBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
637	2014	Bugatti	Veyron 16.4	8	EBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
638	2014	Bugatti	Veyron 16.4	8	EBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
639	2014	Bugatti	Veyron 16.4	8	EBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
640	2014	Bugatti	Veyron 16.4	8	EBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
641	2014	Bugatti	Veyron 16.4	8	EBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
642	2014	Bugatti	Veyron 16.4	8	EBGTV08.0V16	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
643	2015	Bugatti	Veyron 16.4	8	FVGAV08.0GLB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
644	2015	Bugatti	Veyron 16.4	8	FVGAV08.0GLB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
645	2015	Bugatti	Veyron 16.4	8	FVGAV08.0GLB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
646	2015	Bugatti	Veyron 16.4	8	FVGAV08.0GLB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
647	2015	Bugatti	Veyron 16.4	8	FVGAV08.0GLB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
648	2015	Bugatti	Veyron 16.4	8	FVGAV08.0GLB	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
649	2012	Buick	LaCrosse	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
650	2012	Buick	LaCrosse	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
651	2012	Buick	LaCrosse	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
652	2012	Buick	LaCrosse	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411905	ALL
653	2012	Buick	LaCrosse	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
654	2012	Buick	LaCrosse	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
655	2012	Buick	LaCrosse	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
656	2012	Buick	LaCrosse	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421911	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2012	Buick	Regal	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
658	2012	Buick	Regal	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
659	2012	Buick	Regal	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
660	2012	Buick	Regal	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411905	ALL
661	2012	Buick	Regal	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
662	2012	Buick	Regal	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
663	2012	Buick	Regal	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
664	2012	Buick	Regal	2.4	CGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421911	ALL
665	2013	Buick	LaCrosse	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
666	2013	Buick	LaCrosse	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
667	2013	Buick	LaCrosse	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
668	2013	Buick	LaCrosse	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411905	ALL
669	2013	Buick	LaCrosse	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
670	2013	Buick	LaCrosse	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
671	2013	Buick	LaCrosse	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
672	2013	Buick	LaCrosse	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421911	ALL
673	2013	Buick	Regal	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
674	2013	Buick	Regal	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
675	2013	Buick	Regal	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
676	2013	Buick	Regal	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411905	ALL
677	2013	Buick	Regal	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
678	2013	Buick	Regal	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
679	2013	Buick	Regal	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
680	2013	Buick	Regal	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421911	ALL
681	2014	Buick	LaCrosse	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
682	2014	Buick	LaCrosse	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
683	2014	Buick	LaCrosse	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
684	2014	Buick	LaCrosse	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411905	ALL
685	2014	Buick	LaCrosse	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
686	2014	Buick	LaCrosse	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
687	2014	Buick	LaCrosse	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
688	2014	Buick	LaCrosse	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421911	ALL
689	2014	Buick	Regal	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
690	2014	Buick	Regal	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
691	2014	Buick	Regal	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
692	2014	Buick	Regal	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411905	ALL
693	2014	Buick	Regal	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
694	2014	Buick	Regal	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
695	2014	Buick	Regal	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
696	2014	Buick	Regal	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421911	ALL
697	2015	Buick	LaCrosse	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2015	Buick	LaCrosse	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
699	2015	Buick	LaCrosse	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
700	2015	Buick	LaCrosse	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411905	ALL
701	2015	Buick	LaCrosse	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
702	2015	Buick	LaCrosse	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
703	2015	Buick	LaCrosse	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
704	2015	Buick	LaCrosse	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421911	ALL
705	2015	Buick	Regal	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
706	2015	Buick	Regal	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
707	2015	Buick	Regal	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
708	2015	Buick	Regal	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411905	ALL
709	2015	Buick	Regal	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
710	2015	Buick	Regal	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
711	2015	Buick	Regal	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
712	2015	Buick	Regal	2.4	FGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421911	ALL
713	2016	Buick	LaCrosse	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
714	2016	Buick	LaCrosse	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
715	2016	Buick	LaCrosse	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
716	2016	Buick	LaCrosse	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411905	ALL
717	2016	Buick	LaCrosse	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
718	2016	Buick	LaCrosse	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
719	2016	Buick	LaCrosse	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
720	2016	Buick	LaCrosse	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421911	ALL
721	2016	Buick	Regal	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
722	2016	Buick	Regal	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411986	ALL
723	2016	Buick	Regal	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
724	2016	Buick	Regal	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
725	2016	Buick	Regal	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
726	2016	Buick	Regal	2.4	GGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421237	ALL
727	2009	Cadillac	CTS	6.2	9GMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	DIRECT FIT	5411178	ALL
728	2009	Cadillac	CTS	6.2	9GMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411205	ALL
729	2009	Cadillac	CTS	6.2	9GMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	DIRECT FIT	5411179	ALL
730	2009	Cadillac	CTS	6.2	9GMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411205	ALL
731	2009	Cadillac	CTS	6.2	9GMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	DIRECT FIT	5421172	ALL
732	2009	Cadillac	CTS	6.2	9GMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
733	2009	Cadillac	CTS	6.2	9GMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
734	2009	Cadillac	CTS	6.2	9GMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	DIRECT FIT	5421173	ALL
735	2009	Cadillac	CTS	6.2	9GMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
736	2009	Cadillac	CTS	6.2	9GMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
737	2010	Cadillac	CTS	6.2	AGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	DIRECT FIT	5411178	ALL
738	2010	Cadillac	CTS	6.2	AGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2010	Cadillac	CTS	6.2	AGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	DIRECT FIT	5411179	ALL
740	2010	Cadillac	CTS	6.2	AGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411205	ALL
741	2010	Cadillac	CTS	6.2	AGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	DIRECT FIT	5421172	ALL
742	2010	Cadillac	CTS	6.2	AGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
743	2010	Cadillac	CTS	6.2	AGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
744	2010	Cadillac	CTS	6.2	AGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	DIRECT FIT	5421173	ALL
745	2010	Cadillac	CTS	6.2	AGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
746	2010	Cadillac	CTS	6.2	AGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
747	2011	Cadillac	CTS	6.2	BGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	DIRECT FIT	5411178	ALL
748	2011	Cadillac	CTS	6.2	BGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411205	ALL
749	2011	Cadillac	CTS	6.2	BGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	DIRECT FIT	5411179	ALL
750	2011	Cadillac	CTS	6.2	BGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411205	ALL
751	2011	Cadillac	CTS	6.2	BGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	DIRECT FIT	5421172	ALL
752	2011	Cadillac	CTS	6.2	BGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
753	2011	Cadillac	CTS	6.2	BGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
754	2011	Cadillac	CTS	6.2	BGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	DIRECT FIT	5421173	ALL
755	2011	Cadillac	CTS	6.2	BGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
756	2011	Cadillac	CTS	6.2	BGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
757	2012	Cadillac	CTS	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	DIRECT FIT	5411178	ALL
758	2012	Cadillac	CTS	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411205	ALL
759	2012	Cadillac	CTS	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	DIRECT FIT	5411179	ALL
760	2012	Cadillac	CTS	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411205	ALL
761	2012	Cadillac	CTS	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	DIRECT FIT	5421172	ALL
762	2012	Cadillac	CTS	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
763	2012	Cadillac	CTS	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
764	2012	Cadillac	CTS	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	DIRECT FIT	5421173	ALL
765	2012	Cadillac	CTS	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
766	2012	Cadillac	CTS	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
767	2013	Cadillac	CTS	6.2	DGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	DIRECT FIT	5411178	ALL
768	2013	Cadillac	CTS	6.2	DGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411205	ALL
769	2013	Cadillac	CTS	6.2	DGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	DIRECT FIT	5411179	ALL
770	2013	Cadillac	CTS	6.2	DGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411205	ALL
771	2013	Cadillac	CTS	6.2	DGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	DIRECT FIT	5421172	ALL
772	2013	Cadillac	CTS	6.2	DGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
773	2013	Cadillac	CTS	6.2	DGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
774	2013	Cadillac	CTS	6.2	DGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	DIRECT FIT	5421173	ALL
775	2013	Cadillac	CTS	6.2	DGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
776	2013	Cadillac	CTS	6.2	DGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
777	2014	Cadillac	CTS	6.2	EGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	DIRECT FIT	5411178	ALL
778	2014	Cadillac	CTS	6.2	EGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411205	ALL
779	2014	Cadillac	CTS	6.2	EGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	DIRECT FIT	5411179	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2014	Cadillac	CTS	6.2	EGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411205	ALL
781	2014	Cadillac	CTS	6.2	EGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	DIRECT FIT	5421172	ALL
782	2014	Cadillac	CTS	6.2	EGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
783	2014	Cadillac	CTS	6.2	EGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
784	2014	Cadillac	CTS	6.2	EGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	DIRECT FIT	5421173	ALL
785	2014	Cadillac	CTS	6.2	EGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
786	2014	Cadillac	CTS	6.2	EGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
787	2015	Cadillac	CTS	6.2	FGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	DIRECT FIT	5411178	ALL
788	2015	Cadillac	CTS	6.2	FGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411205	ALL
789	2015	Cadillac	CTS	6.2	FGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	DIRECT FIT	5411179	ALL
790	2015	Cadillac	CTS	6.2	FGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411205	ALL
791	2015	Cadillac	CTS	6.2	FGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	DIRECT FIT	5421172	ALL
792	2015	Cadillac	CTS	6.2	FGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
793	2015	Cadillac	CTS	6.2	FGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
794	2015	Cadillac	CTS	6.2	FGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	DIRECT FIT	5421173	ALL
795	2015	Cadillac	CTS	6.2	FGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
796	2015	Cadillac	CTS	6.2	FGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
797	2008	Chevrolet	Cobalt	2	8GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
798	2008	Chevrolet	Cobalt	2	8GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
799	2008	Chevrolet	Cobalt	2	8GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
800	2008	Chevrolet	Cobalt	2	8GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
801	2008	Chevrolet	Cobalt	2	8GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411027	ALL
802	2008	Chevrolet	Cobalt	2.2	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411205	MANUAL
803	2008	Chevrolet	Cobalt	2.2	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411304	AUTOMATIC
804	2008	Chevrolet	Cobalt	2.2	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411305	AUTOMATIC
805	2008	Chevrolet	Cobalt	2.2	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	AUTOMATIC
806	2008	Chevrolet	Cobalt	2.2	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	MANUAL
807	2008	Chevrolet	Cobalt	2.2	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	AUTOMATIC
808	2008	Chevrolet	Cobalt	2.2	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	MANUAL
809	2008	Chevrolet	Cobalt	2.2	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	MANUAL
810	2008	Chevrolet	Cobalt	2.2	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411197	AUTOMATIC
811	2008	Chevrolet	Cobalt	2.2	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411958	MANUAL
812	2008	Chevrolet	Cobalt	2.4	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411205	MANUAL
813	2008	Chevrolet	Cobalt	2.4	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411304	AUTOMATIC
814	2008	Chevrolet	Cobalt	2.4	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411305	AUTOMATIC
815	2008	Chevrolet	Cobalt	2.4	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	MANUAL
816	2008	Chevrolet	Cobalt	2.4	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	AUTOMATIC
817	2008	Chevrolet	Cobalt	2.4	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	AUTOMATIC
818	2008	Chevrolet	Cobalt	2.4	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	MANUAL
819	2008	Chevrolet	Cobalt	2.4	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	MANUAL
820	2008	Chevrolet	Cobalt	2.4	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411197	AUTOMATIC

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2008	Chevrolet	Cobalt	2.4	8GMXV02.4025	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411959	MANUAL
822	2008	Chevrolet	HHR	2	8GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
823	2008	Chevrolet	HHR	2	8GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
824	2008	Chevrolet	HHR	2	8GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
825	2008	Chevrolet	HHR	2	8GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
826	2008	Chevrolet	HHR	2	8GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411027	ALL
827	2009	Chevrolet	Cobalt	2	9GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
828	2009	Chevrolet	Cobalt	2	9GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
829	2009	Chevrolet	Cobalt	2	9GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
830	2009	Chevrolet	Cobalt	2	9GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
831	2009	Chevrolet	Cobalt	2	9GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411027	ALL
832	2009	Chevrolet	Cobalt	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	MANUAL
833	2009	Chevrolet	Cobalt	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	AUTOMATIC
834	2009	Chevrolet	Cobalt	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	AUTOMATIC
835	2009	Chevrolet	Cobalt	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	AUTOMATIC
836	2009	Chevrolet	Cobalt	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	MANUAL
837	2009	Chevrolet	Cobalt	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	MANUAL
838	2009	Chevrolet	Cobalt	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	AUTOMATIC
839	2009	Chevrolet	Cobalt	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	MANUAL
840	2009	Chevrolet	Cobalt	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411197	AUTOMATIC
841	2009	Chevrolet	Cobalt	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411958	MANUAL
842	2009	Chevrolet	HHR	2	9GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
843	2009	Chevrolet	HHR	2	9GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
844	2009	Chevrolet	HHR	2	9GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
845	2009	Chevrolet	HHR	2	9GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
846	2009	Chevrolet	HHR	2	9GMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411027	ALL
847	2009	Chevrolet	Malibu	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411183	ALL
848	2009	Chevrolet	Malibu	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	ALL
849	2009	Chevrolet	Malibu	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	ALL
850	2009	Chevrolet	Malibu	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411182	ALL
851	2009	Chevrolet	Malibu	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411304	ALL
852	2009	Chevrolet	Malibu	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411305	ALL
853	2009	Chevrolet	Malibu	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421204	ALL
854	2009	Chevrolet	Malibu	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
855	2009	Chevrolet	Malibu	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
856	2009	Chevrolet	Malibu	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421976	ALL
857	2009	Chevrolet	Malibu	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411205	ALL
858	2009	Chevrolet	Malibu	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411907	ALL
859	2009	Chevrolet	Malibu	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411205	ALL
860	2009	Chevrolet	Malibu	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411911	ALL
861	2009	Chevrolet	Malibu	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2009	Chevrolet	Malibu	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
863	2009	Chevrolet	Malibu	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421913	ALL
864	2010	Chevrolet	Cobalt	2	AGMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
865	2010	Chevrolet	Cobalt	2	AGMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
866	2010	Chevrolet	Cobalt	2	AGMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
867	2010	Chevrolet	Cobalt	2	AGMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
868	2010	Chevrolet	Cobalt	2	AGMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411027	ALL
869	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	MANUAL
870	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
871	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	AUTOMATIC
872	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	AUTOMATIC
873	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
874	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	AUTOMATIC
875	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	MANUAL
876	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	AUTOMATIC
877	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
878	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	MANUAL
879	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	MANUAL
880	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
881	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411197	AUTOMATIC
882	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411958	MANUAL
883	2010	Chevrolet	Cobalt	2.2	AGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411958	ALL
884	2010	Chevrolet	HHR	2	AGMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
885	2010	Chevrolet	HHR	2	AGMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
886	2010	Chevrolet	HHR	2	AGMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
887	2010	Chevrolet	HHR	2	AGMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
888	2010	Chevrolet	HHR	2	AGMXV02.0021	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411027	ALL
889	2010	Chevrolet	Malibu	3.6	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411205	ALL
890	2010	Chevrolet	Malibu	3.6	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411907	ALL
891	2010	Chevrolet	Malibu	3.6	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411205	ALL
892	2010	Chevrolet	Malibu	3.6	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411911	ALL
893	2010	Chevrolet	Malibu	3.6	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
894	2010	Chevrolet	Malibu	3.6	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
895	2010	Chevrolet	Malibu	3.6	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421913	ALL
896	2011	Chevrolet	Malibu	2.4	BGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
897	2011	Chevrolet	Malibu	2.4	BGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411726	ALL
898	2011	Chevrolet	Malibu	2.4	BGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
899	2011	Chevrolet	Malibu	2.4	BGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
900	2011	Chevrolet	Malibu	2.4	BGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421269	ALL
901	2011	Chevrolet	Malibu	3.6	BGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411205	ALL
902	2011	Chevrolet	Malibu	3.6	BGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411907	ALL

Appendix D-193-147
Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2011	Chevrolet	Malibu	3.6	BGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411205	ALL
904	2011	Chevrolet	Malibu	3.6	BGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411911	ALL
905	2011	Chevrolet	Malibu	3.6	BGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
906	2011	Chevrolet	Malibu	3.6	BGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
907	2011	Chevrolet	Malibu	3.6	BGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421913	ALL
908	2012	Chevrolet	Camaro	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
909	2012	Chevrolet	Camaro	6.2	CGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
910	2012	Chevrolet	Camaro	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
911	2012	Chevrolet	Camaro	6.2	CGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
912	2012	Chevrolet	Camaro	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
913	2012	Chevrolet	Camaro	6.2	CGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
914	2012	Chevrolet	Camaro	6.2	CGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
915	2012	Chevrolet	Camaro	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
916	2012	Chevrolet	Camaro	6.2	CGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
917	2012	Chevrolet	Camaro	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
918	2012	Chevrolet	Camaro	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
919	2012	Chevrolet	Camaro	6.2	CGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
920	2012	Chevrolet	Camaro	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
921	2012	Chevrolet	Camaro	6.2	CGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
922	2012	Chevrolet	Camaro	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
923	2012	Chevrolet	Camaro	6.2	CGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
924	2012	Chevrolet	Camaro	6.2	CGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411938	ALL
925	2012	Chevrolet	Camaro	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411938	ALL
926	2012	Chevrolet	Camaro	6.2	CGMXV06.2087	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411939	ALL
927	2012	Chevrolet	Camaro	6.2	CGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411939	ALL
928	2012	Chevrolet	Corvette	6.2	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	DIRECT FIT	5411228	ALL
929	2012	Chevrolet	Corvette	6.2	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
930	2012	Chevrolet	Corvette	6.2	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
931	2012	Chevrolet	Corvette	6.2	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411205	ALL
932	2012	Chevrolet	Corvette	6.2	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	DIRECT FIT	5411236	ALL
933	2012	Chevrolet	Corvette	6.2	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	R	DIRECT FIT	5421094	ALL
934	2012	Chevrolet	Corvette	6.2	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
935	2012	Chevrolet	Corvette	6.2	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
936	2012	Chevrolet	Corvette	6.2	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
937	2012	Chevrolet	Corvette	6.2	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
938	2012	Chevrolet	Corvette	7	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
939	2012	Chevrolet	Corvette	7	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411306	ALL
940	2012	Chevrolet	Corvette	7	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
941	2012	Chevrolet	Corvette	7	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
942	2012	Chevrolet	Corvette	7	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
943	2012	Chevrolet	Corvette	7	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
944	2012	Chevrolet	Corvette	7	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
945	2012	Chevrolet	Corvette	7	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
946	2012	Chevrolet	Corvette	7	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411181	ALL
947	2012	Chevrolet	Corvette	7	CGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411180	ALL
948	2012	Chevrolet	Malibu	2.4	CGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
949	2012	Chevrolet	Malibu	2.4	CGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411726	ALL
950	2012	Chevrolet	Malibu	2.4	CGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
951	2012	Chevrolet	Malibu	2.4	CGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
952	2012	Chevrolet	Malibu	2.4	CGMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421269	ALL
953	2012	Chevrolet	Malibu	3.6	CGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411205	ALL
954	2012	Chevrolet	Malibu	3.6	CGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411907	ALL
955	2012	Chevrolet	Malibu	3.6	CGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411205	ALL
956	2012	Chevrolet	Malibu	3.6	CGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411911	ALL
957	2012	Chevrolet	Malibu	3.6	CGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
958	2012	Chevrolet	Malibu	3.6	CGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
959	2012	Chevrolet	Malibu	3.6	CGMXV03.6142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421913	ALL
960	2013	Chevrolet	Camaro	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
961	2013	Chevrolet	Camaro	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
962	2013	Chevrolet	Camaro	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
963	2013	Chevrolet	Camaro	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
964	2013	Chevrolet	Camaro	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
965	2013	Chevrolet	Camaro	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
966	2013	Chevrolet	Camaro	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
967	2013	Chevrolet	Camaro	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
968	2013	Chevrolet	Camaro	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411938	ALL
969	2013	Chevrolet	Camaro	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411939	ALL
970	2013	Chevrolet	Corvette	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	DIRECT FIT	5411228	ALL
971	2013	Chevrolet	Corvette	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
972	2013	Chevrolet	Corvette	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
973	2013	Chevrolet	Corvette	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411205	ALL
974	2013	Chevrolet	Corvette	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	DIRECT FIT	5411236	ALL
975	2013	Chevrolet	Corvette	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	R	DIRECT FIT	5421094	ALL
976	2013	Chevrolet	Corvette	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
977	2013	Chevrolet	Corvette	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
978	2013	Chevrolet	Corvette	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
979	2013	Chevrolet	Corvette	6.2	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
980	2013	Chevrolet	Corvette	7	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
981	2013	Chevrolet	Corvette	7	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411306	ALL
982	2013	Chevrolet	Corvette	7	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
983	2013	Chevrolet	Corvette	7	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
984	2013	Chevrolet	Corvette	7	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2013	Chevrolet	Corvette	7	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
986	2013	Chevrolet	Corvette	7	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
987	2013	Chevrolet	Corvette	7	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
988	2013	Chevrolet	Corvette	7	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411181	ALL
989	2013	Chevrolet	Corvette	7	DGMXV07.0085	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411180	ALL
990	2013	Chevrolet	Malibu	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
991	2013	Chevrolet	Malibu	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
992	2013	Chevrolet	Malibu	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
993	2013	Chevrolet	Malibu	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411905	ALL
994	2013	Chevrolet	Malibu	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
995	2013	Chevrolet	Malibu	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
996	2013	Chevrolet	Malibu	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
997	2013	Chevrolet	Malibu	2.4	DGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421911	ALL
998	2014	Chevrolet	Camaro	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
999	2014	Chevrolet	Camaro	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1000	2014	Chevrolet	Camaro	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1001	2014	Chevrolet	Camaro	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1002	2014	Chevrolet	Camaro	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1003	2014	Chevrolet	Camaro	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1004	2014	Chevrolet	Camaro	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1005	2014	Chevrolet	Camaro	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1006	2014	Chevrolet	Camaro	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411938	ALL
1007	2014	Chevrolet	Camaro	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411939	ALL
1008	2014	Chevrolet	Camaro	7	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1009	2014	Chevrolet	Camaro	7	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411306	ALL
1010	2014	Chevrolet	Camaro	7	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1011	2014	Chevrolet	Camaro	7	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1012	2014	Chevrolet	Camaro	7	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1013	2014	Chevrolet	Camaro	7	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1014	2014	Chevrolet	Camaro	7	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1015	2014	Chevrolet	Camaro	7	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1016	2014	Chevrolet	Camaro	7	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411282	ALL
1017	2014	Chevrolet	Camaro	7	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411283	ALL
1018	2014	Chevrolet	Impala	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
1019	2014	Chevrolet	Impala	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
1020	2014	Chevrolet	Impala	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
1021	2014	Chevrolet	Impala	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411905	ALL
1022	2014	Chevrolet	Impala	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
1023	2014	Chevrolet	Impala	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
1024	2014	Chevrolet	Impala	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
1025	2014	Chevrolet	Impala	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421911	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2014	Chevrolet	Malibu	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
1027	2014	Chevrolet	Malibu	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
1028	2014	Chevrolet	Malibu	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
1029	2014	Chevrolet	Malibu	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411905	ALL
1030	2014	Chevrolet	Malibu	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
1031	2014	Chevrolet	Malibu	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
1032	2014	Chevrolet	Malibu	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
1033	2014	Chevrolet	Malibu	2.4	EGMXV02.4060	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421911	ALL
1034	2014	Chevrolet	SS	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1035	2014	Chevrolet	SS	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1036	2014	Chevrolet	SS	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1037	2014	Chevrolet	SS	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1038	2014	Chevrolet	SS	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1039	2014	Chevrolet	SS	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1040	2014	Chevrolet	SS	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1041	2014	Chevrolet	SS	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1042	2014	Chevrolet	SS	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1043	2014	Chevrolet	SS	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411184	ALL
1044	2014	Chevrolet	SS	6.2	EGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411185	ALL
1045	2015	Chevrolet	Camaro	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1046	2015	Chevrolet	Camaro	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1047	2015	Chevrolet	Camaro	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1048	2015	Chevrolet	Camaro	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1049	2015	Chevrolet	Camaro	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1050	2015	Chevrolet	Camaro	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1051	2015	Chevrolet	Camaro	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1052	2015	Chevrolet	Camaro	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1053	2015	Chevrolet	Camaro	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411938	ALL
1054	2015	Chevrolet	Camaro	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411939	ALL
1055	2015	Chevrolet	Camaro	7	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1056	2015	Chevrolet	Camaro	7	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411306	ALL
1057	2015	Chevrolet	Camaro	7	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1058	2015	Chevrolet	Camaro	7	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1059	2015	Chevrolet	Camaro	7	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1060	2015	Chevrolet	Camaro	7	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1061	2015	Chevrolet	Camaro	7	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1062	2015	Chevrolet	Camaro	7	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1063	2015	Chevrolet	Camaro	7	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411282	ALL
1064	2015	Chevrolet	Camaro	7	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411283	ALL
1065	2015	Chevrolet	SS	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1066	2015	Chevrolet	SS	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2015	Chevrolet	SS	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1068	2015	Chevrolet	SS	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1069	2015	Chevrolet	SS	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1070	2015	Chevrolet	SS	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1071	2015	Chevrolet	SS	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1072	2015	Chevrolet	SS	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1073	2015	Chevrolet	SS	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1074	2015	Chevrolet	SS	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411184	ALL
1075	2015	Chevrolet	SS	6.2	FGMXV07.0088	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411185	ALL
1076	2016	Chevrolet	SS	6.2	GGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1077	2016	Chevrolet	SS	6.2	GGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1078	2016	Chevrolet	SS	6.2	GGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1079	2016	Chevrolet	SS	6.2	GGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1080	2016	Chevrolet	SS	6.2	GGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1081	2016	Chevrolet	SS	6.2	GGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1082	2016	Chevrolet	SS	6.2	GGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1083	2016	Chevrolet	SS	6.2	GGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1084	2016	Chevrolet	SS	6.2	GGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1085	2016	Chevrolet	SS	6.2	GGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411186	ALL
1086	2016	Chevrolet	SS	6.2	GGMXV06.2088	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411187	ALL
1087	2006	Chrysler	300	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411017	2WD
1088	2006	Chrysler	300	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1089	2006	Chrysler	300	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1090	2006	Chrysler	300	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1091	2006	Chrysler	300	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411018	2WD
1092	2006	Chrysler	300	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1093	2006	Chrysler	300	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1094	2006	Chrysler	300	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD
1095	2006	Chrysler	300	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411017	2WD
1096	2006	Chrysler	300	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1097	2006	Chrysler	300	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1098	2006	Chrysler	300	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1099	2006	Chrysler	300	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411018	2WD
1100	2006	Chrysler	300	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1101	2006	Chrysler	300	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1102	2006	Chrysler	300	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD
1103	2007	Chrysler	300	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411017	2WD
1104	2007	Chrysler	300	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1105	2007	Chrysler	300	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1106	2007	Chrysler	300	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1107	2007	Chrysler	300	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411018	2WD

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2007	Chrysler	300	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1109	2007	Chrysler	300	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1110	2007	Chrysler	300	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD
1111	2007	Chrysler	Crossfire	3.2	7CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1112	2007	Chrysler	Crossfire	3.2	7CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
1113	2007	Chrysler	Crossfire	3.2	7CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
1114	2007	Chrysler	Crossfire	3.2	7CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
1115	2007	Chrysler	Crossfire	3.2	7CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1116	2007	Chrysler	Crossfire	3.2	7CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
1117	2007	Chrysler	Crossfire	3.2	7CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
1118	2007	Chrysler	Crossfire	3.2	7CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1119	2007	Chrysler	Crossfire	3.2	7CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
1120	2007	Chrysler	Crossfire	3.2	7CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411188	ALL
1121	2007	Chrysler	Crossfire	3.2	7CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411189	ALL
1122	2008	Chrysler	300	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411046	ALL
1123	2008	Chrysler	300	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1124	2008	Chrysler	300	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1125	2008	Chrysler	300	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1126	2008	Chrysler	300	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411047	ALL
1127	2008	Chrysler	300	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1128	2008	Chrysler	300	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1129	2008	Chrysler	300	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD
1130	2008	Chrysler	Crossfire	3.2	8CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1131	2008	Chrysler	Crossfire	3.2	8CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
1132	2008	Chrysler	Crossfire	3.2	8CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
1133	2008	Chrysler	Crossfire	3.2	8CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
1134	2008	Chrysler	Crossfire	3.2	8CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1135	2008	Chrysler	Crossfire	3.2	8CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
1136	2008	Chrysler	Crossfire	3.2	8CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
1137	2008	Chrysler	Crossfire	3.2	8CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1138	2008	Chrysler	Crossfire	3.2	8CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
1139	2008	Chrysler	Crossfire	3.2	8CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411188	ALL
1140	2008	Chrysler	Crossfire	3.2	8CRXV03.2ME0	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411189	ALL
1141	2009	Chrysler	300	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411046	ALL
1142	2009	Chrysler	300	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1143	2009	Chrysler	300	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1144	2009	Chrysler	300	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1145	2009	Chrysler	300	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411047	ALL
1146	2009	Chrysler	300	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1147	2009	Chrysler	300	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1148	2009	Chrysler	300	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2010	Chrysler	300	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411046	ALL
1150	2010	Chrysler	300	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1151	2010	Chrysler	300	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1152	2010	Chrysler	300	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1153	2010	Chrysler	300	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411047	ALL
1154	2010	Chrysler	300	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1155	2010	Chrysler	300	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1156	2010	Chrysler	300	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD
1157	2006	Dodge	Charger	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411017	ALL
1158	2006	Dodge	Charger	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411018	ALL
1159	2006	Dodge	Charger	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411017	ALL
1160	2006	Dodge	Charger	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411018	ALL
1161	2006	Dodge	Magnum	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411017	2WD
1162	2006	Dodge	Magnum	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1163	2006	Dodge	Magnum	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1164	2006	Dodge	Magnum	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1165	2006	Dodge	Magnum	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411018	2WD
1166	2006	Dodge	Magnum	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1167	2006	Dodge	Magnum	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1168	2006	Dodge	Magnum	2.7	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD
1169	2006	Dodge	Magnum	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411017	2WD
1170	2006	Dodge	Magnum	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1171	2006	Dodge	Magnum	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1172	2006	Dodge	Magnum	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1173	2006	Dodge	Magnum	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411018	2WD
1174	2006	Dodge	Magnum	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1175	2006	Dodge	Magnum	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1176	2006	Dodge	Magnum	3.5	6CRXV03.5VE0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD
1177	2007	Dodge	Charger	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411017	2WD
1178	2007	Dodge	Charger	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1179	2007	Dodge	Charger	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1180	2007	Dodge	Charger	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1181	2007	Dodge	Charger	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411018	2WD
1182	2007	Dodge	Charger	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1183	2007	Dodge	Charger	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1184	2007	Dodge	Charger	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD
1185	2007	Dodge	Magnum	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411017	2WD
1186	2007	Dodge	Magnum	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1187	2007	Dodge	Magnum	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1188	2007	Dodge	Magnum	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1189	2007	Dodge	Magnum	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411018	2WD

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	2007	Dodge	Magnum	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1191	2007	Dodge	Magnum	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1192	2007	Dodge	Magnum	2.7	7CRXV0167M71	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD
1193	2008	Dodge	Charger	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411046	2WD
1194	2008	Dodge	Charger	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1195	2008	Dodge	Charger	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1196	2008	Dodge	Charger	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1197	2008	Dodge	Charger	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411047	2WD
1198	2008	Dodge	Charger	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1199	2008	Dodge	Charger	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1200	2008	Dodge	Charger	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD
1201	2008	Dodge	Magnum	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411046	ALL
1202	2008	Dodge	Magnum	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1203	2008	Dodge	Magnum	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1204	2008	Dodge	Magnum	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1205	2008	Dodge	Magnum	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411047	ALL
1206	2008	Dodge	Magnum	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1207	2008	Dodge	Magnum	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1208	2008	Dodge	Magnum	2.7	8CRXV02.7ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD
1209	2008	Dodge	Viper	8.4	8CRXV08.4ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	RL	UNIVERSAL	5421205	ALL
1210	2008	Dodge	Viper	8.4	8CRXV08.4ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	RL	UNIVERSAL	5421206	ALL
1211	2008	Dodge	Viper	8.4	8CRXV08.4ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	RR	UNIVERSAL	5421205	ALL
1212	2008	Dodge	Viper	8.4	8CRXV08.4ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	RR	UNIVERSAL	5421206	ALL
1213	2008	Dodge	Viper	8.4	8CRXV08.4ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	ALL
1214	2008	Dodge	Viper	8.4	8CRXV08.4ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	ALL
1215	2008	Dodge	Viper	8.4	8CRXV08.4ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411617	ALL
1216	2008	Dodge	Viper	8.4	8CRXV08.4ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	ALL
1217	2008	Dodge	Viper	8.4	8CRXV08.4ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	ALL
1218	2008	Dodge	Viper	8.4	8CRXV08.4ME0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411616	ALL
1219	2009	Dodge	Charger	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411046	2WD
1220	2009	Dodge	Charger	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1221	2009	Dodge	Charger	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1222	2009	Dodge	Charger	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1223	2009	Dodge	Charger	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411047	2WD
1224	2009	Dodge	Charger	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1225	2009	Dodge	Charger	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1226	2009	Dodge	Charger	2.7	9CRXV02.72P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD
1227	2009	Dodge	Viper	8.4	9CRXV08.41P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	RL	UNIVERSAL	5421205	ALL
1228	2009	Dodge	Viper	8.4	9CRXV08.41P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	RL	UNIVERSAL	5421206	ALL
1229	2009	Dodge	Viper	8.4	9CRXV08.41P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	RR	UNIVERSAL	5421205	ALL
1230	2009	Dodge	Viper	8.4	9CRXV08.41P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	RR	UNIVERSAL	5421206	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1231	2009	Dodge	Viper	8.4	9CRXV08.41P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	ALL
1232	2009	Dodge	Viper	8.4	9CRXV08.41P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	ALL
1233	2009	Dodge	Viper	8.4	9CRXV08.41P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411617	ALL
1234	2009	Dodge	Viper	8.4	9CRXV08.41P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	ALL
1235	2009	Dodge	Viper	8.4	9CRXV08.41P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	ALL
1236	2009	Dodge	Viper	8.4	9CRXV08.41P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411616	ALL
1237	2010	Dodge	Charger	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411046	2WD
1238	2010	Dodge	Charger	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411305	4WD
1239	2010	Dodge	Charger	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	UNIVERSAL	5411306	4WD
1240	2010	Dodge	Charger	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UL	DIRECT FIT	5411540	4WD
1241	2010	Dodge	Charger	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411047	2WD
1242	2010	Dodge	Charger	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411305	4WD
1243	2010	Dodge	Charger	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	UNIVERSAL	5411306	4WD
1244	2010	Dodge	Charger	2.7	ACRXV02.74P0	LEV2 LEV	PC	D	2TWC,2OC	4	2	UR	DIRECT FIT	5411539	4WD
1245	2010	Dodge	Viper	8.4	ACRXV08.41P3	LEV2 LEV	PC	D	2TWC,2OC	4	2	FL	UNIVERSAL	5411305	ALL
1246	2010	Dodge	Viper	8.4	ACRXV08.41P3	LEV2 LEV	PC	D	2TWC,2OC	4	2	FR	UNIVERSAL	5411305	ALL
1247	2010	Dodge	Viper	8.4	ACRXV08.41P3	LEV2 LEV	PC	D	2TWC,2OC	4	2	RL	UNIVERSAL	5421205	ALL
1248	2010	Dodge	Viper	8.4	ACRXV08.41P3	LEV2 LEV	PC	D	2TWC,2OC	4	2	RR	UNIVERSAL	5421205	ALL
1249	2015	Dodge	Viper	8.4	FCRXV08.45P0	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1250	2015	Dodge	Viper	8.4	FCRXV08.45P0	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1251	2015	Dodge	Viper	8.4	FCRXV08.45P0	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1252	2015	Dodge	Viper	8.4	FCRXV08.45P0	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1253	2016	Dodge	Viper	8.4	GCRXV08.45P0	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1254	2016	Dodge	Viper	8.4	GCRXV08.45P0	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1255	2016	Dodge	Viper	8.4	GCRXV08.45P0	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1256	2016	Dodge	Viper	8.4	GCRXV08.45P0	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1257	2005	Ferrari	F430	4.3	5FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1258	2005	Ferrari	F430	4.3	5FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1259	2005	Ferrari	F430	4.3	5FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1260	2005	Ferrari	F430	4.3	5FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1261	2006	Ferrari	F430	4.3	6FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1262	2006	Ferrari	F430	4.3	6FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1263	2006	Ferrari	F430	4.3	6FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1264	2006	Ferrari	F430	4.3	6FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1265	2007	Ferrari	599 GTB	6	7FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
1266	2007	Ferrari	599 GTB	6	7FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
1267	2007	Ferrari	599 GTB	6	7FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
1268	2007	Ferrari	599 GTB	6	7FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
1269	2007	Ferrari	599 GTB	6	7FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
1270	2007	Ferrari	599 GTB	6	7FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
1271	2007	Ferrari	612 Scaglietti	5.7	7FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1272	2007	Ferrari	612 Scaglietti	5.7	7FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
1273	2007	Ferrari	612 Scaglietti	5.7	7FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
1274	2007	Ferrari	612 Scaglietti	5.7	7FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
1275	2007	Ferrari	612 Scaglietti	5.7	7FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
1276	2007	Ferrari	612 Scaglietti	5.7	7FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
1277	2007	Ferrari	F430	4.3	7FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1278	2007	Ferrari	F430	4.3	7FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1279	2007	Ferrari	F430	4.3	7FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1280	2007	Ferrari	F430	4.3	7FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1281	2008	Ferrari	599 GTB	6	8FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
1282	2008	Ferrari	599 GTB	6	8FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
1283	2008	Ferrari	599 GTB	6	8FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
1284	2008	Ferrari	599 GTB	6	8FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
1285	2008	Ferrari	599 GTB	6	8FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
1286	2008	Ferrari	599 GTB	6	8FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
1287	2008	Ferrari	612 Scaglietti	5.7	8FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
1288	2008	Ferrari	612 Scaglietti	5.7	8FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
1289	2008	Ferrari	612 Scaglietti	5.7	8FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
1290	2008	Ferrari	612 Scaglietti	5.7	8FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
1291	2008	Ferrari	612 Scaglietti	5.7	8FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
1292	2008	Ferrari	612 Scaglietti	5.7	8FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
1293	2008	Ferrari	F430	4.3	8FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1294	2008	Ferrari	F430	4.3	8FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1295	2008	Ferrari	F430	4.3	8FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1296	2008	Ferrari	F430	4.3	8FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1297	2009	Ferrari	599 GTB	6	9FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
1298	2009	Ferrari	599 GTB	6	9FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
1299	2009	Ferrari	599 GTB	6	9FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
1300	2009	Ferrari	599 GTB	6	9FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
1301	2009	Ferrari	599 GTB	6	9FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
1302	2009	Ferrari	599 GTB	6	9FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
1303	2009	Ferrari	612 Scaglietti	5.7	9FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
1304	2009	Ferrari	612 Scaglietti	5.7	9FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
1305	2009	Ferrari	612 Scaglietti	5.7	9FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
1306	2009	Ferrari	612 Scaglietti	5.7	9FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
1307	2009	Ferrari	612 Scaglietti	5.7	9FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
1308	2009	Ferrari	612 Scaglietti	5.7	9FEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
1309	2009	Ferrari	F430	4.3	9FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1310	2009	Ferrari	F430	4.3	9FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1311	2009	Ferrari	F430	4.3	9FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1312	2009	Ferrari	F430	4.3	9FEXV04.3LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1313	2010	Ferrari	599 GTB	6	AFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
1314	2010	Ferrari	599 GTB	6	AFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
1315	2010	Ferrari	599 GTB	6	AFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
1316	2010	Ferrari	599 GTB	6	AFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
1317	2010	Ferrari	599 GTB	6	AFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
1318	2010	Ferrari	599 GTB	6	AFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
1319	2010	Ferrari	612 Scaglietti	5.7	AFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
1320	2010	Ferrari	612 Scaglietti	5.7	AFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
1321	2010	Ferrari	612 Scaglietti	5.7	AFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
1322	2010	Ferrari	612 Scaglietti	5.7	AFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
1323	2010	Ferrari	612 Scaglietti	5.7	AFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
1324	2010	Ferrari	612 Scaglietti	5.7	AFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
1325	2011	Ferrari	599 GTO	6	BFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL
1326	2011	Ferrari	599 GTO	6	BFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
1327	2011	Ferrari	599 GTO	6	BFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
1328	2011	Ferrari	599 GTO	6	BFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
1329	2011	Ferrari	599 GTO	6	BFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
1330	2011	Ferrari	599 GTO	6	BFEXV05.7LEV	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
1331	2004	Ford	Crown Victoria	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1332	2004	Ford	Crown Victoria	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1333	2004	Ford	Crown Victoria	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1334	2004	Ford	Crown Victoria	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1335	2004	Ford	Crown Victoria	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1336	2004	Ford	Crown Victoria	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1337	2004	Ford	Crown Victoria	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1338	2004	Ford	Crown Victoria	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1339	2004	Ford	Crown Victoria	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1340	2004	Ford	Crown Victoria	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1341	2004	Ford	Crown Victoria	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1342	2004	Ford	Crown Victoria	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1343	2004	Ford	Taurus	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	5411466	ALL
1344	2004	Ford	Taurus	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	5411466	ALL
1345	2004	Ford	Taurus	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	ALL
1346	2004	Ford	Taurus	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	ALL
1347	2004	Ford	Taurus	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	ALL
1348	2004	Ford	Taurus	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	ALL
1349	2004	Ford	Taurus	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421031	ALL
1350	2004	Ford	Taurus	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421031	ALL
1351	2004	Ford	Taurus	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421204	ALL
1352	2004	Ford	Taurus	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421204	ALL
1353	2004	Ford	Taurus	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1354	2004	Ford	Taurus	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1355	2004	Ford	Taurus	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1356	2004	Ford	Taurus	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1357	2005	Ford	Crown Victoria	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1358	2005	Ford	Crown Victoria	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1359	2005	Ford	Crown Victoria	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1360	2005	Ford	Crown Victoria	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1361	2005	Ford	Crown Victoria	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1362	2005	Ford	Crown Victoria	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1363	2005	Ford	Crown Victoria	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1364	2005	Ford	Crown Victoria	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1365	2005	Ford	Crown Victoria	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1366	2005	Ford	Crown Victoria	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1367	2005	Ford	Crown Victoria	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1368	2005	Ford	Crown Victoria	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1369	2005	Ford	Five Hundred	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411043	FWD
1370	2005	Ford	Five Hundred	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	FWD
1371	2005	Ford	Five Hundred	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	FWD
1372	2005	Ford	Five Hundred	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411042	FWD
1373	2005	Ford	Five Hundred	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411304	FWD
1374	2005	Ford	Five Hundred	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411305	FWD
1375	2005	Ford	Five Hundred	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421024	ALL
1376	2005	Ford	Five Hundred	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1377	2005	Ford	Five Hundred	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1378	2005	Ford	Freestyle	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411043	FWD
1379	2005	Ford	Freestyle	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	FWD
1380	2005	Ford	Freestyle	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	FWD
1381	2005	Ford	Freestyle	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411042	FWD
1382	2005	Ford	Freestyle	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411304	FWD
1383	2005	Ford	Freestyle	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411305	FWD
1384	2005	Ford	Freestyle	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421024	ALL
1385	2005	Ford	Freestyle	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1386	2005	Ford	Freestyle	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1387	2005	Ford	Taurus	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	5411466	ALL
1388	2005	Ford	Taurus	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	ALL
1389	2005	Ford	Taurus	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	ALL
1390	2005	Ford	Taurus	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421031	ALL
1391	2005	Ford	Taurus	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421204	ALL
1392	2005	Ford	Taurus	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1393	2005	Ford	Taurus	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1394	2006	Ford	Crown Victoria	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL

Appendix D-193-147
Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1395	2006	Ford	Crown Victoria	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1396	2006	Ford	Crown Victoria	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1397	2006	Ford	Crown Victoria	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1398	2006	Ford	Crown Victoria	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1399	2006	Ford	Crown Victoria	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1400	2006	Ford	Crown Victoria	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1401	2006	Ford	Crown Victoria	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1402	2006	Ford	Crown Victoria	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1403	2006	Ford	Crown Victoria	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1404	2006	Ford	Crown Victoria	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1405	2006	Ford	Crown Victoria	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1406	2006	Ford	Five Hundred	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411043	FWD
1407	2006	Ford	Five Hundred	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	FWD
1408	2006	Ford	Five Hundred	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	FWD
1409	2006	Ford	Five Hundred	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411042	FWD
1410	2006	Ford	Five Hundred	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411304	FWD
1411	2006	Ford	Five Hundred	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411305	FWD
1412	2006	Ford	Five Hundred	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421024	ALL
1413	2006	Ford	Five Hundred	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1414	2006	Ford	Five Hundred	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1415	2006	Ford	Freestyle	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411043	FWD
1416	2006	Ford	Freestyle	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	FWD
1417	2006	Ford	Freestyle	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	FWD
1418	2006	Ford	Freestyle	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411042	FWD
1419	2006	Ford	Freestyle	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411304	FWD
1420	2006	Ford	Freestyle	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411305	FWD
1421	2006	Ford	Freestyle	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421024	ALL
1422	2006	Ford	Freestyle	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1423	2006	Ford	Freestyle	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1424	2006	Ford	Taurus	3	6FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	5411466	ALL
1425	2006	Ford	Taurus	3	6FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	ALL
1426	2006	Ford	Taurus	3	6FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	ALL
1427	2006	Ford	Taurus	3	6FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421031	ALL
1428	2006	Ford	Taurus	3	6FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421204	ALL
1429	2006	Ford	Taurus	3	6FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1430	2006	Ford	Taurus	3	6FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1431	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1432	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1433	2007	Ford	Crown Victoria	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1434	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1435	2007	Ford	Crown Victoria	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1436	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1437	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1438	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1439	2007	Ford	Crown Victoria	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1440	2007	Ford	Crown Victoria	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1441	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1442	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1443	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1444	2007	Ford	Crown Victoria	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1445	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1446	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1447	2007	Ford	Crown Victoria	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1448	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1449	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1450	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1451	2007	Ford	Crown Victoria	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1452	2007	Ford	Crown Victoria	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1453	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1454	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1455	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1456	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1457	2007	Ford	Crown Victoria	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1458	2007	Ford	Crown Victoria	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1459	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1460	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1461	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1462	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1463	2007	Ford	Crown Victoria	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1464	2007	Ford	Crown Victoria	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1465	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1466	2007	Ford	Crown Victoria	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1467	2007	Ford	Five Hundred	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411043	FWD
1468	2007	Ford	Five Hundred	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	FWD
1469	2007	Ford	Five Hundred	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	FWD
1470	2007	Ford	Five Hundred	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411042	FWD
1471	2007	Ford	Five Hundred	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411304	FWD
1472	2007	Ford	Five Hundred	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411305	FWD
1473	2007	Ford	Five Hundred	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421024	ALL
1474	2007	Ford	Five Hundred	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1475	2007	Ford	Five Hundred	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1476	2007	Ford	Freestyle	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411043	FWD

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1477	2007	Ford	Freestyle	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	FWD
1478	2007	Ford	Freestyle	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	FWD
1479	2007	Ford	Freestyle	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411042	FWD
1480	2007	Ford	Freestyle	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411304	FWD
1481	2007	Ford	Freestyle	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411305	FWD
1482	2007	Ford	Freestyle	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421024	ALL
1483	2007	Ford	Freestyle	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1484	2007	Ford	Freestyle	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1485	2007	Ford	Taurus	3	7FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	5411466	ALL
1486	2007	Ford	Taurus	3	7FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	ALL
1487	2007	Ford	Taurus	3	7FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	ALL
1488	2007	Ford	Taurus	3	7FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421031	ALL
1489	2007	Ford	Taurus	3	7FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421204	ALL
1490	2007	Ford	Taurus	3	7FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1491	2007	Ford	Taurus	3	7FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1492	2008	Ford	Crown Victoria	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1493	2008	Ford	Crown Victoria	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1494	2008	Ford	Crown Victoria	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1495	2008	Ford	Crown Victoria	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1496	2008	Ford	Crown Victoria	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1497	2008	Ford	Crown Victoria	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1498	2008	Ford	Crown Victoria	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1499	2008	Ford	Crown Victoria	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1500	2008	Ford	Crown Victoria	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1501	2008	Ford	Crown Victoria	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1502	2008	Ford	Crown Victoria	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1503	2008	Ford	Crown Victoria	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1504	2010	Hyundai	Genesis Coupe	2	AHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411251	ALL
1505	2010	Hyundai	Genesis Coupe	2	AHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
1506	2010	Hyundai	Genesis Coupe	2	AHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
1507	2010	Hyundai	Genesis Coupe	2	AHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
1508	2010	Hyundai	Genesis Coupe	2	AHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421708	ALL
1509	2011	Hyundai	Genesis Coupe	2	BHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411251	ALL
1510	2011	Hyundai	Genesis Coupe	2	BHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
1511	2011	Hyundai	Genesis Coupe	2	BHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
1512	2011	Hyundai	Genesis Coupe	2	BHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
1513	2011	Hyundai	Genesis Coupe	2	BHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421708	ALL
1514	2012	Hyundai	Genesis Coupe	2	CHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411251	ALL
1515	2012	Hyundai	Genesis Coupe	2	CHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
1516	2012	Hyundai	Genesis Coupe	2	CHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
1517	2012	Hyundai	Genesis Coupe	2	CHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1518	2012	Hyundai	Genesis Coupe	2	CHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421708	ALL
1519	2013	Hyundai	Genesis Coupe	2	DHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411770	ALL
1520	2013	Hyundai	Genesis Coupe	2	DHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
1521	2013	Hyundai	Genesis Coupe	2	DHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
1522	2013	Hyundai	Genesis Coupe	2	DHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
1523	2013	Hyundai	Genesis Coupe	2	DHYXV02.0JM5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421861	ALL
1524	2014	Hyundai	Genesis Coupe	2	EHYXV02.01M5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411770	ALL
1525	2014	Hyundai	Genesis Coupe	2	EHYXV02.01M5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
1526	2014	Hyundai	Genesis Coupe	2	EHYXV02.01M5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
1527	2014	Hyundai	Genesis Coupe	2	EHYXV02.01M5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
1528	2014	Hyundai	Genesis Coupe	2	EHYXV02.01M5	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421861	ALL
1529	2004	Infiniti	G35	3.5	4NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	ALL
1530	2004	Infiniti	G35	3.5	4NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	2WD
1531	2004	Infiniti	G35	3.5	4NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	2WD
1532	2004	Infiniti	G35	3.5	4NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	ALL
1533	2004	Infiniti	G35	3.5	4NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	ALL
1534	2004	Infiniti	G35	3.5	4NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	2WD
1535	2004	Infiniti	G35	3.5	4NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	2WD
1536	2004	Infiniti	G35	3.5	4NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	ALL
1537	2005	Infiniti	G35	3.5	5NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	ALL
1538	2005	Infiniti	G35	3.5	5NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	ALL
1539	2005	Infiniti	G35	3.5	5NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	2WD
1540	2005	Infiniti	G35	3.5	5NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	2WD
1541	2005	Infiniti	G35	3.5	5NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	ALL
1542	2005	Infiniti	G35	3.5	5NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	2WD
1543	2005	Infiniti	G35	3.5	5NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	ALL
1544	2005	Infiniti	G35	3.5	5NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	2WD
1545	2006	Infiniti	G35	3.5	6NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	2WD
1546	2006	Infiniti	G35	3.5	6NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	ALL
1547	2006	Infiniti	G35	3.5	6NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	ALL
1548	2006	Infiniti	G35	3.5	6NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	2WD
1549	2006	Infiniti	G35	3.5	6NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	2WD
1550	2006	Infiniti	G35	3.5	6NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	2WD
1551	2006	Infiniti	G35	3.5	6NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	ALL
1552	2006	Infiniti	G35	3.5	6NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	ALL
1553	2006	Infiniti	M35	3.5	6NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	ALL
1554	2006	Infiniti	M35	3.5	6NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	ALL
1555	2007	Infiniti	G35	3.5	7NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411012	ALL
1556	2007	Infiniti	G35	3.5	7NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	ALL
1557	2007	Infiniti	G35	3.5	7NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411013	ALL
1558	2007	Infiniti	G35	3.5	7NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1559	2007	Infiniti	M35	3.5	7NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	ALL
1560	2007	Infiniti	M35	3.5	7NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	ALL
1561	2008	Infiniti	EX35	3.5	8NSXV03.5GAA	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411012	ALL
1562	2008	Infiniti	EX35	3.5	8NSXV03.5GAA	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411013	ALL
1563	2008	Infiniti	M35	3.5	8NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	ALL
1564	2008	Infiniti	M35	3.5	8NSXV03.5G7C	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	ALL
1565	2009	Infiniti	EX35	3.5	9NSXJ03.5GAA	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411012	ALL
1566	2009	Infiniti	EX35	3.5	9NSXJ03.5GAA	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411013	ALL
1567	2009	Infiniti	M35	3.5	9NSXV03.5GAC	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411012	ALL
1568	2009	Infiniti	M35	3.5	9NSXV03.5GAC	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411013	ALL
1569	2010	Infiniti	M35	3.5	ANSXV03.5GAB	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411012	ALL
1570	2010	Infiniti	M35	3.5	ANSXV03.5GAB	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411013	ALL
1571	2007	Lamborghini	Murcielago	6.5	7NLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1572	2007	Lamborghini	Murcielago	6.5	7NLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1573	2007	Lamborghini	Murcielago	6.5	7NLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1574	2007	Lamborghini	Murcielago	6.5	7NLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1575	2008	Lamborghini	Murcielago	6.5	8NLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1576	2008	Lamborghini	Murcielago	6.5	8NLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1577	2008	Lamborghini	Murcielago	6.5	8NLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1578	2008	Lamborghini	Murcielago	6.5	8NLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1579	2009	Lamborghini	Gallardo	5.2	9ADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1580	2009	Lamborghini	Gallardo	5.2	9ADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1581	2009	Lamborghini	Gallardo	5.2	9ADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1582	2009	Lamborghini	Gallardo	5.2	9ADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1583	2009	Lamborghini	Murcielago	6.5	9NLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1584	2009	Lamborghini	Murcielago	6.5	9NLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1585	2009	Lamborghini	Murcielago	6.5	9NLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1586	2009	Lamborghini	Murcielago	6.5	9NLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1587	2010	Lamborghini	Gallardo	5.2	AADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1588	2010	Lamborghini	Gallardo	5.2	AADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1589	2010	Lamborghini	Gallardo	5.2	AADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1590	2010	Lamborghini	Gallardo	5.2	AADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1591	2010	Lamborghini	Murcielago	6.5	ANLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1592	2010	Lamborghini	Murcielago	6.5	ANLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1593	2010	Lamborghini	Murcielago	6.5	ANLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1594	2010	Lamborghini	Murcielago	6.5	ANLXV06.5474	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1595	2011	Lamborghini	Gallardo	5.2	BADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1596	2011	Lamborghini	Gallardo	5.2	BADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1597	2011	Lamborghini	Gallardo	5.2	BADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1598	2011	Lamborghini	Gallardo	5.2	BADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1599	2012	Lamborghini	Aventador	6.5	CNLXV06.5L83	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	UNIVERSAL	5411305	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1600	2012	Lamborghini	Aventador	6.5	CNLXV06.5L83	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	UNIVERSAL	5411305	ALL
1601	2012	Lamborghini	Aventador	6.5	CNLXV06.5L83	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	UNIVERSAL	5411305	ALL
1602	2012	Lamborghini	Aventador	6.5	CNLXV06.5L83	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	UNIVERSAL	5411305	ALL
1603	2012	Lamborghini	Aventador	6.5	CNLXV06.5L83	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
1604	2012	Lamborghini	Aventador	6.5	CNLXV06.5L83	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
1605	2012	Lamborghini	Gallardo	5.2	CADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1606	2012	Lamborghini	Gallardo	5.2	CADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1607	2012	Lamborghini	Gallardo	5.2	CADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1608	2012	Lamborghini	Gallardo	5.2	CADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1609	2013	Lamborghini	Gallardo	5.2	DADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1610	2013	Lamborghini	Gallardo	5.2	DADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1611	2013	Lamborghini	Gallardo	5.2	DADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1612	2013	Lamborghini	Gallardo	5.2	DADXV05.2LR8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1613	2014	Lamborghini	Gallardo	5.2	EADXV05.2LR8	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1614	2014	Lamborghini	Gallardo	5.2	EADXV05.2LR8	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1615	2014	Lamborghini	Gallardo	5.2	EADXV05.2LR8	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1616	2014	Lamborghini	Gallardo	5.2	EADXV05.2LR8	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1617	2015	Lamborghini	Huracan	5.2	FVGAV05.2NLE	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1618	2015	Lamborghini	Huracan	5.2	FVGAV05.2NLE	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1619	2015	Lamborghini	Huracan	5.2	FVGAV05.2NLE	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1620	2015	Lamborghini	Huracan	5.2	FVGAV05.2NLE	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1621	2016	Lamborghini	Huracan	5.2	GVGAV05.2NLE	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1622	2016	Lamborghini	Huracan	5.2	GVGAV05.2NLE	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1623	2016	Lamborghini	Huracan	5.2	GVGAV05.2NLE	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1624	2016	Lamborghini	Huracan	5.2	GVGAV05.2NLE	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1625	2007	Lexus	GS430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411032	ALL
1626	2007	Lexus	GS430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411205	ALL
1627	2007	Lexus	GS430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411032	ALL
1628	2007	Lexus	GS430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411205	ALL
1629	2007	Lexus	GS430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421010	ALL
1630	2007	Lexus	GS430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1631	2007	Lexus	GS430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1632	2007	Lexus	SC430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411032	ALL
1633	2007	Lexus	SC430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411205	ALL
1634	2007	Lexus	SC430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411032	ALL
1635	2007	Lexus	SC430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411205	ALL
1636	2007	Lexus	SC430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421010	ALL
1637	2007	Lexus	SC430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1638	2007	Lexus	SC430	4.3	7TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1639	2008	Lexus	SC430	4.3	8TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411032	ALL
1640	2008	Lexus	SC430	4.3	8TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1641	2008	Lexus	SC430	4.3	8TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411032	ALL
1642	2008	Lexus	SC430	4.3	8TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411205	ALL
1643	2008	Lexus	SC430	4.3	8TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421010	ALL
1644	2008	Lexus	SC430	4.3	8TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1645	2008	Lexus	SC430	4.3	8TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1646	2009	Lexus	SC430	4.3	9TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411032	ALL
1647	2009	Lexus	SC430	4.3	9TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411205	ALL
1648	2009	Lexus	SC430	4.3	9TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411032	ALL
1649	2009	Lexus	SC430	4.3	9TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411205	ALL
1650	2009	Lexus	SC430	4.3	9TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421010	ALL
1651	2009	Lexus	SC430	4.3	9TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1652	2009	Lexus	SC430	4.3	9TYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1653	2010	Lexus	SC430	4.3	ATYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411032	ALL
1654	2010	Lexus	SC430	4.3	ATYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411205	ALL
1655	2010	Lexus	SC430	4.3	ATYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411032	ALL
1656	2010	Lexus	SC430	4.3	ATYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411205	ALL
1657	2010	Lexus	SC430	4.3	ATYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421010	ALL
1658	2010	Lexus	SC430	4.3	ATYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1659	2010	Lexus	SC430	4.3	ATYXV04.3AJA	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
1660	2004	Lincoln	Town Car	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1661	2004	Lincoln	Town Car	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1662	2004	Lincoln	Town Car	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1663	2004	Lincoln	Town Car	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1664	2004	Lincoln	Town Car	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1665	2004	Lincoln	Town Car	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1666	2004	Lincoln	Town Car	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1667	2004	Lincoln	Town Car	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1668	2004	Lincoln	Town Car	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1669	2004	Lincoln	Town Car	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1670	2004	Lincoln	Town Car	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1671	2004	Lincoln	Town Car	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1672	2005	Lincoln	Town Car	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1673	2005	Lincoln	Town Car	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1674	2005	Lincoln	Town Car	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1675	2005	Lincoln	Town Car	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1676	2005	Lincoln	Town Car	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1677	2005	Lincoln	Town Car	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1678	2005	Lincoln	Town Car	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1679	2005	Lincoln	Town Car	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1680	2005	Lincoln	Town Car	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1681	2005	Lincoln	Town Car	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL

Appendix D-193-147
Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1682	2005	Lincoln	Town Car	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1683	2005	Lincoln	Town Car	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1684	2006	Lincoln	Town Car	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1685	2006	Lincoln	Town Car	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1686	2006	Lincoln	Town Car	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1687	2006	Lincoln	Town Car	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1688	2006	Lincoln	Town Car	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1689	2006	Lincoln	Town Car	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1690	2006	Lincoln	Town Car	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1691	2006	Lincoln	Town Car	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1692	2006	Lincoln	Town Car	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1693	2006	Lincoln	Town Car	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1694	2006	Lincoln	Town Car	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1695	2006	Lincoln	Town Car	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1696	2007	Lincoln	Town Car	4.6	7FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1697	2007	Lincoln	Town Car	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1698	2007	Lincoln	Town Car	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1699	2007	Lincoln	Town Car	4.6	7FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1700	2007	Lincoln	Town Car	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1701	2007	Lincoln	Town Car	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1702	2007	Lincoln	Town Car	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1703	2007	Lincoln	Town Car	4.6	7FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1704	2007	Lincoln	Town Car	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1705	2007	Lincoln	Town Car	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1706	2007	Lincoln	Town Car	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1707	2007	Lincoln	Town Car	4.6	7FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1708	2007	Lincoln	Town Car	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1709	2007	Lincoln	Town Car	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1710	2007	Lincoln	Town Car	4.6	7FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1711	2007	Lincoln	Town Car	4.6	7FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1712	2007	Lincoln	Town Car	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1713	2007	Lincoln	Town Car	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1714	2007	Lincoln	Town Car	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1715	2007	Lincoln	Town Car	4.6	7FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1716	2007	Lincoln	Town Car	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1717	2007	Lincoln	Town Car	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1718	2007	Lincoln	Town Car	4.6	7FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1719	2007	Lincoln	Town Car	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1720	2007	Lincoln	Town Car	4.6	7FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1721	2007	Lincoln	Town Car	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1722	2007	Lincoln	Town Car	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL

Appendix D-193-147
Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1723	2007	Lincoln	Town Car	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1724	2007	Lincoln	Town Car	4.6	7FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1725	2007	Lincoln	Town Car	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1726	2007	Lincoln	Town Car	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1727	2007	Lincoln	Town Car	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1728	2007	Lincoln	Town Car	4.6	7FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1729	2007	Lincoln	Town Car	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1730	2007	Lincoln	Town Car	4.6	7FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1731	2007	Lincoln	Town Car	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1732	2008	Lincoln	Town Car	4.6	8FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1733	2008	Lincoln	Town Car	4.6	8FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1734	2008	Lincoln	Town Car	4.6	8FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1735	2008	Lincoln	Town Car	4.6	8FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1736	2008	Lincoln	Town Car	4.6	8FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1737	2008	Lincoln	Town Car	4.6	8FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1738	2008	Lincoln	Town Car	4.6	8FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1739	2008	Lincoln	Town Car	4.6	8FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1740	2008	Lincoln	Town Car	4.6	8FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1741	2008	Lincoln	Town Car	4.6	8FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1742	2008	Lincoln	Town Car	4.6	8FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1743	2008	Lincoln	Town Car	4.6	8FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1744	2008	Lincoln	Town Car	4.6	8FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1745	2008	Lincoln	Town Car	4.6	8FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1746	2008	Lincoln	Town Car	4.6	8FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1747	2008	Lincoln	Town Car	4.6	8FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1748	2008	Lincoln	Town Car	4.6	8FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1749	2008	Lincoln	Town Car	4.6	8FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1750	2008	Lincoln	Town Car	4.6	8FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1751	2008	Lincoln	Town Car	4.6	8FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1752	2008	Lincoln	Town Car	4.6	8FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1753	2008	Lincoln	Town Car	4.6	8FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1754	2008	Lincoln	Town Car	4.6	8FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1755	2008	Lincoln	Town Car	4.6	8FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1756	2009	Lincoln	Town Car	4.6	9FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1757	2009	Lincoln	Town Car	4.6	9FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1758	2009	Lincoln	Town Car	4.6	9FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1759	2009	Lincoln	Town Car	4.6	9FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1760	2009	Lincoln	Town Car	4.6	9FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1761	2009	Lincoln	Town Car	4.6	9FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1762	2009	Lincoln	Town Car	4.6	9FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1763	2009	Lincoln	Town Car	4.6	9FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL

Appendix D-193-147
Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1764	2009	Lincoln	Town Car	4.6	9FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1765	2009	Lincoln	Town Car	4.6	9FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1766	2009	Lincoln	Town Car	4.6	9FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1767	2009	Lincoln	Town Car	4.6	9FMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1768	2010	Lincoln	Town Car	4.6	AFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1769	2010	Lincoln	Town Car	4.6	AFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1770	2010	Lincoln	Town Car	4.6	AFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1771	2010	Lincoln	Town Car	4.6	AFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1772	2010	Lincoln	Town Car	4.6	AFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1773	2010	Lincoln	Town Car	4.6	AFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1774	2010	Lincoln	Town Car	4.6	AFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1775	2010	Lincoln	Town Car	4.6	AFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1776	2010	Lincoln	Town Car	4.6	AFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1777	2010	Lincoln	Town Car	4.6	AFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1778	2010	Lincoln	Town Car	4.6	AFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1779	2010	Lincoln	Town Car	4.6	AFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1780	2011	Lincoln	Town Car	4.6	BFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
1781	2011	Lincoln	Town Car	4.6	BFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
1782	2011	Lincoln	Town Car	4.6	BFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
1783	2011	Lincoln	Town Car	4.6	BFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
1784	2011	Lincoln	Town Car	4.6	BFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
1785	2011	Lincoln	Town Car	4.6	BFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1786	2011	Lincoln	Town Car	4.6	BFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
1787	2011	Lincoln	Town Car	4.6	BFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
1788	2011	Lincoln	Town Car	4.6	BFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1789	2011	Lincoln	Town Car	4.6	BFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
1790	2011	Lincoln	Town Car	4.6	BFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
1791	2011	Lincoln	Town Car	4.6	BFMXV04.6VE3	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
1792	2010	Lotus	Evora	3.5	ALTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	FL	UNIVERSAL	5411305	ALL
1793	2010	Lotus	Evora	3.5	ALTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	FR	UNIVERSAL	5411305	ALL
1794	2010	Lotus	Evora	3.5	ALTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1795	2011	Lotus	Evora	3.5	BLTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	FL	UNIVERSAL	5411305	ALL
1796	2011	Lotus	Evora	3.5	BLTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	FR	UNIVERSAL	5411305	ALL
1797	2011	Lotus	Evora	3.5	BLTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1798	2012	Lotus	Evora	3.5	CLTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	FL	UNIVERSAL	5411305	ALL
1799	2012	Lotus	Evora	3.5	CLTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	FR	UNIVERSAL	5411305	ALL
1800	2012	Lotus	Evora	3.5	CLTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1801	2013	Lotus	Evora	3.5	DLTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	FL	UNIVERSAL	5411305	ALL
1802	2013	Lotus	Evora	3.5	DLTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	FR	UNIVERSAL	5411305	ALL
1803	2013	Lotus	Evora	3.5	DLTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1804	2014	Lotus	Evora	3.5	ELTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	FL	UNIVERSAL	5411305	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1805	2014	Lotus	Evora	3.5	ELTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	FR	UNIVERSAL	5411305	ALL
1806	2014	Lotus	Evora	3.5	ELTXV03.5JHB	LEV2 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
1807	2007	Maserati	Quattroporte	4.2	7MAXV04.2LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1808	2007	Maserati	Quattroporte	4.2	7MAXV04.2LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1809	2007	Maserati	Quattroporte	4.2	7MAXV04.2LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1810	2007	Maserati	Quattroporte	4.2	7MAXV04.2LEV	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1811	2013	McLaren	MP4-12C	3.8	DMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1812	2013	McLaren	MP4-12C	3.8	DMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1813	2013	McLaren	MP4-12C	3.8	DMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1814	2013	McLaren	MP4-12C	3.8	DMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1815	2014	McLaren	MP4-12C	3.8	EMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1816	2014	McLaren	MP4-12C	3.8	EMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1817	2014	McLaren	MP4-12C	3.8	EMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1818	2014	McLaren	MP4-12C	3.8	EMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1819	2014	McLaren	P1	3.8	EMLNV03.8MA2	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1820	2014	McLaren	P1	3.8	EMLNV03.8MA2	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1821	2014	McLaren	P1	3.8	EMLNV03.8MA2	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1822	2014	McLaren	P1	3.8	EMLNV03.8MA2	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1823	2015	McLaren	650S	3.8	FMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1824	2015	McLaren	650S	3.8	FMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1825	2015	McLaren	650S	3.8	FMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1826	2015	McLaren	650S	3.8	FMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1827	2015	McLaren	P1	3.8	FMLNV03.8MA2	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1828	2015	McLaren	P1	3.8	FMLNV03.8MA2	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1829	2015	McLaren	P1	3.8	FMLNV03.8MA2	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1830	2015	McLaren	P1	3.8	FMLNV03.8MA2	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1831	2016	McLaren	570S	3.8	GMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1832	2016	McLaren	570S	3.8	GMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1833	2016	McLaren	570S	3.8	GMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1834	2016	McLaren	570S	3.8	GMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1835	2016	McLaren	650S	3.8	GMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
1836	2016	McLaren	650S	3.8	GMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
1837	2016	McLaren	650S	3.8	GMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
1838	2016	McLaren	650S	3.8	GMLNV03.8MA1	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
1839	2004	Mercedes-Benz	CL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
1840	2004	Mercedes-Benz	CL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
1841	2004	Mercedes-Benz	CL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
1842	2004	Mercedes-Benz	CL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
1843	2004	Mercedes-Benz	CL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
1844	2004	Mercedes-Benz	CL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1845	2004	Mercedes-Benz	CL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1846	2004	Mercedes-Benz	CL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
1847	2004	Mercedes-Benz	CL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1848	2004	Mercedes-Benz	CL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
1849	2004	Mercedes-Benz	CL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411519	ALL
1850	2004	Mercedes-Benz	CL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411937	ALL
1851	2004	Mercedes-Benz	CLK500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411205	ALL
1852	2004	Mercedes-Benz	CLK500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411205	ALL
1853	2004	Mercedes-Benz	CLK500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
1854	2004	Mercedes-Benz	CLK500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1855	2004	Mercedes-Benz	CLK500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
1856	2004	Mercedes-Benz	CLK500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
1857	2004	Mercedes-Benz	CLK500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1858	2004	Mercedes-Benz	CLK500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
1859	2004	Mercedes-Benz	CLK500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411190	ALL
1860	2004	Mercedes-Benz	CLK500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411191	ALL
1861	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
1862	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
1863	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411304	ALL
1864	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1865	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
1866	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
1867	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
1868	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411304	ALL
1869	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1870	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
1871	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
1872	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1873	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
1874	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
1875	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1876	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
1877	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411386	ALL
1878	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411642	ALL
1879	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411486	ALL
1880	2004	Mercedes-Benz	E500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411706	ALL
1881	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
1882	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
1883	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411304	ALL
1884	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1885	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
1886	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1887	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
1888	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411304	ALL
1889	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1890	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
1891	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
1892	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1893	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
1894	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
1895	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1896	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
1897	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411314	ALL
1898	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411519	ALL
1899	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411235	ALL
1900	2004	Mercedes-Benz	S430	4.3	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411937	ALL
1901	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
1902	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
1903	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411304	ALL
1904	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1905	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
1906	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
1907	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
1908	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411304	ALL
1909	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1910	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
1911	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
1912	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1913	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
1914	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
1915	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1916	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
1917	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411314	ALL
1918	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411519	ALL
1919	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411235	ALL
1920	2004	Mercedes-Benz	S500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411937	ALL
1921	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411304	ALL
1922	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1923	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
1924	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411304	ALL
1925	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1926	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
1927	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL

Appendix D-193-147
Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1928	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1929	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
1930	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
1931	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1932	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
1933	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411402	ALL
1934	2004	Mercedes-Benz	SL500	5	4MBXV05.0L2A	LEV2 LEV	PC	DS	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411419	ALL
1935	2005	Mercedes-Benz	CL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
1936	2005	Mercedes-Benz	CL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
1937	2005	Mercedes-Benz	CL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
1938	2005	Mercedes-Benz	CL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
1939	2005	Mercedes-Benz	CL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
1940	2005	Mercedes-Benz	CL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1941	2005	Mercedes-Benz	CL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
1942	2005	Mercedes-Benz	CL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
1943	2005	Mercedes-Benz	CL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1944	2005	Mercedes-Benz	CL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
1945	2005	Mercedes-Benz	CL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411519	ALL
1946	2005	Mercedes-Benz	CL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411937	ALL
1947	2005	Mercedes-Benz	CLK320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411304	ALL
1948	2005	Mercedes-Benz	CLK320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1949	2005	Mercedes-Benz	CLK320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
1950	2005	Mercedes-Benz	CLK320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411205	ALL
1951	2005	Mercedes-Benz	CLK320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
1952	2005	Mercedes-Benz	CLK320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1953	2005	Mercedes-Benz	CLK320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
1954	2005	Mercedes-Benz	CLK320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421276	ALL
1955	2005	Mercedes-Benz	CLK320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411582	ALL
1956	2005	Mercedes-Benz	CLK320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411806	ALL
1957	2005	Mercedes-Benz	CLK500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
1958	2005	Mercedes-Benz	CLK500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
1959	2005	Mercedes-Benz	CLK500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
1960	2005	Mercedes-Benz	CLK500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
1961	2005	Mercedes-Benz	CLK500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
1962	2005	Mercedes-Benz	CLK500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1963	2005	Mercedes-Benz	CLK500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
1964	2005	Mercedes-Benz	CLK500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
1965	2005	Mercedes-Benz	CLK500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1966	2005	Mercedes-Benz	CLK500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
1967	2005	Mercedes-Benz	CLK500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411934	ALL
1968	2005	Mercedes-Benz	CLK500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411935	ALL

Appendix D-193-147
Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1969	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
1970	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
1971	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411304	ALL
1972	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1973	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
1974	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411205	ALL
1975	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411304	ALL
1976	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1977	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
1978	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
1979	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
1980	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
1981	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
1982	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
1983	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
1984	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411224	ALL
1985	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411642	ALL
1986	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411225	ALL
1987	2005	Mercedes-Benz	E320	3.2	5MBXV03.7L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411706	ALL
1988	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
1989	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
1990	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411304	ALL
1991	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
1992	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
1993	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
1994	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
1995	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411304	ALL
1996	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
1997	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
1998	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
1999	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2000	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2001	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2002	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2003	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2004	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411386	ALL
2005	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411642	ALL
2006	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411486	ALL
2007	2005	Mercedes-Benz	E500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411706	ALL
2008	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2009	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL

Appendix D-193-147
Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2010	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411304	ALL
2011	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
2012	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
2013	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2014	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2015	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411304	ALL
2016	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
2017	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
2018	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2019	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2020	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2021	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2022	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2023	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2024	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411314	ALL
2025	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411519	ALL
2026	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411235	ALL
2027	2005	Mercedes-Benz	S430	4.3	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411937	ALL
2028	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2029	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2030	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411304	ALL
2031	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
2032	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL
2033	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2034	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2035	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411304	ALL
2036	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
2037	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
2038	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2039	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2040	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2041	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2042	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2043	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2044	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411314	ALL
2045	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411519	ALL
2046	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411235	ALL
2047	2005	Mercedes-Benz	S500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411937	ALL
2048	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411304	ALL
2049	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411305	ALL
2050	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411306	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2051	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411304	ALL
2052	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411305	ALL
2053	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411306	ALL
2054	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2055	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2056	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2057	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2058	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2059	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2060	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411402	ALL
2061	2005	Mercedes-Benz	SL500	5	5MBXV05.0U2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411419	ALL
2062	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2063	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2064	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2065	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2066	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2067	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2068	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2069	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2070	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2071	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2072	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411639	ALL
2073	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411665	ALL
2074	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411645	ALL
2075	2007	Mercedes-Benz	E350	3.5	7MBXV03.5S2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411666	ALL
2076	2008	Mercedes-Benz	C63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2077	2008	Mercedes-Benz	C63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2078	2008	Mercedes-Benz	C63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2079	2008	Mercedes-Benz	C63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2080	2008	Mercedes-Benz	C63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2081	2008	Mercedes-Benz	C63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2082	2008	Mercedes-Benz	C63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2083	2008	Mercedes-Benz	C63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2084	2008	Mercedes-Benz	C63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2085	2008	Mercedes-Benz	C63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2086	2008	Mercedes-Benz	C63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411598	ALL
2087	2008	Mercedes-Benz	C63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411599	ALL
2088	2008	Mercedes-Benz	CLK63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2089	2008	Mercedes-Benz	CLK63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2090	2008	Mercedes-Benz	CLK63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2091	2008	Mercedes-Benz	CLK63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2092	2008	Mercedes-Benz	CLK63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2093	2008	Mercedes-Benz	CLK63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2094	2008	Mercedes-Benz	CLK63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2095	2008	Mercedes-Benz	CLK63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2096	2008	Mercedes-Benz	CLK63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2097	2008	Mercedes-Benz	CLK63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411196	ALL
2098	2008	Mercedes-Benz	CLK63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411297	ALL
2099	2008	Mercedes-Benz	CLS63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2100	2008	Mercedes-Benz	CLS63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2101	2008	Mercedes-Benz	CLS63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2102	2008	Mercedes-Benz	CLS63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2103	2008	Mercedes-Benz	CLS63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2104	2008	Mercedes-Benz	CLS63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2105	2008	Mercedes-Benz	CLS63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2106	2008	Mercedes-Benz	CLS63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2107	2008	Mercedes-Benz	CLS63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2108	2008	Mercedes-Benz	CLS63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411192	ALL
2109	2008	Mercedes-Benz	CLS63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411193	ALL
2110	2008	Mercedes-Benz	E63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2111	2008	Mercedes-Benz	E63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2112	2008	Mercedes-Benz	E63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2113	2008	Mercedes-Benz	E63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2114	2008	Mercedes-Benz	E63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2115	2008	Mercedes-Benz	E63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2116	2008	Mercedes-Benz	E63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2117	2008	Mercedes-Benz	E63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2118	2008	Mercedes-Benz	E63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2119	2008	Mercedes-Benz	E63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411192	ALL
2120	2008	Mercedes-Benz	E63 AMG	6.3	8MBXB06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411193	ALL
2121	2008	Mercedes-Benz	SL55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411205	ALL
2122	2008	Mercedes-Benz	SL55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411205	ALL
2123	2008	Mercedes-Benz	SL55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2124	2008	Mercedes-Benz	SL55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2125	2008	Mercedes-Benz	SL55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2126	2008	Mercedes-Benz	SL55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2127	2008	Mercedes-Benz	SL55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2128	2008	Mercedes-Benz	SL55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2129	2008	Mercedes-Benz	SL55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5411422	ALL
2130	2008	Mercedes-Benz	SLK55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411205	ALL
2131	2008	Mercedes-Benz	SLK55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411205	ALL
2132	2008	Mercedes-Benz	SLK55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2133	2008	Mercedes-Benz	SLK55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2134	2008	Mercedes-Benz	SLK55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2135	2008	Mercedes-Benz	SLK55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2136	2008	Mercedes-Benz	SLK55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411696	ALL
2137	2008	Mercedes-Benz	SLK55 AMG	5.5	8MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411702	ALL
2138	2009	Mercedes-Benz	C63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2139	2009	Mercedes-Benz	C63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2140	2009	Mercedes-Benz	C63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2141	2009	Mercedes-Benz	C63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2142	2009	Mercedes-Benz	C63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2143	2009	Mercedes-Benz	C63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2144	2009	Mercedes-Benz	C63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2145	2009	Mercedes-Benz	C63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2146	2009	Mercedes-Benz	C63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2147	2009	Mercedes-Benz	C63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2148	2009	Mercedes-Benz	C63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411598	ALL
2149	2009	Mercedes-Benz	C63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411599	ALL
2150	2009	Mercedes-Benz	CLS63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2151	2009	Mercedes-Benz	CLS63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2152	2009	Mercedes-Benz	CLS63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2153	2009	Mercedes-Benz	CLS63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2154	2009	Mercedes-Benz	CLS63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2155	2009	Mercedes-Benz	CLS63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2156	2009	Mercedes-Benz	CLS63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2157	2009	Mercedes-Benz	CLS63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2158	2009	Mercedes-Benz	CLS63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2159	2009	Mercedes-Benz	CLS63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411192	ALL
2160	2009	Mercedes-Benz	CLS63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411193	ALL
2161	2009	Mercedes-Benz	E63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2162	2009	Mercedes-Benz	E63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2163	2009	Mercedes-Benz	E63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2164	2009	Mercedes-Benz	E63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2165	2009	Mercedes-Benz	E63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2166	2009	Mercedes-Benz	E63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2167	2009	Mercedes-Benz	E63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2168	2009	Mercedes-Benz	E63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2169	2009	Mercedes-Benz	E63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2170	2009	Mercedes-Benz	E63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411192	ALL
2171	2009	Mercedes-Benz	E63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411193	ALL
2172	2009	Mercedes-Benz	SL63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2173	2009	Mercedes-Benz	SL63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2174	2009	Mercedes-Benz	SL63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2175	2009	Mercedes-Benz	SL63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2176	2009	Mercedes-Benz	SL63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2177	2009	Mercedes-Benz	SL63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2178	2009	Mercedes-Benz	SL63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2179	2009	Mercedes-Benz	SL63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2180	2009	Mercedes-Benz	SL63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2181	2009	Mercedes-Benz	SL63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2182	2009	Mercedes-Benz	SL63 AMG	6.3	9MBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5411198	ALL
2183	2009	Mercedes-Benz	SLK55 AMG	5.5	9MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411205	ALL
2184	2009	Mercedes-Benz	SLK55 AMG	5.5	9MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411205	ALL
2185	2009	Mercedes-Benz	SLK55 AMG	5.5	9MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2186	2009	Mercedes-Benz	SLK55 AMG	5.5	9MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2187	2009	Mercedes-Benz	SLK55 AMG	5.5	9MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2188	2009	Mercedes-Benz	SLK55 AMG	5.5	9MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2189	2009	Mercedes-Benz	SLK55 AMG	5.5	9MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411696	ALL
2190	2009	Mercedes-Benz	SLK55 AMG	5.5	9MBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411702	ALL
2191	2010	Mercedes-Benz	C63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2192	2010	Mercedes-Benz	C63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2193	2010	Mercedes-Benz	C63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2194	2010	Mercedes-Benz	C63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2195	2010	Mercedes-Benz	C63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2196	2010	Mercedes-Benz	C63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2197	2010	Mercedes-Benz	C63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2198	2010	Mercedes-Benz	C63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2199	2010	Mercedes-Benz	C63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2200	2010	Mercedes-Benz	C63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2201	2010	Mercedes-Benz	C63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411598	ALL
2202	2010	Mercedes-Benz	C63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411599	ALL
2203	2010	Mercedes-Benz	CL63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2204	2010	Mercedes-Benz	CL63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2205	2010	Mercedes-Benz	CL63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2206	2010	Mercedes-Benz	CL63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2207	2010	Mercedes-Benz	CL63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2208	2010	Mercedes-Benz	CL63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2209	2010	Mercedes-Benz	CL63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2210	2010	Mercedes-Benz	CL63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2211	2010	Mercedes-Benz	CL63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2212	2010	Mercedes-Benz	CL63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411199	ALL
2213	2010	Mercedes-Benz	CL63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411200	ALL
2214	2010	Mercedes-Benz	CLS63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2215	2010	Mercedes-Benz	CLS63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2216	2010	Mercedes-Benz	CLS63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2217	2010	Mercedes-Benz	CLS63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2218	2010	Mercedes-Benz	CLS63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2219	2010	Mercedes-Benz	CLS63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2220	2010	Mercedes-Benz	CLS63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2221	2010	Mercedes-Benz	CLS63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2222	2010	Mercedes-Benz	CLS63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2223	2010	Mercedes-Benz	CLS63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411192	ALL
2224	2010	Mercedes-Benz	CLS63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411193	ALL
2225	2010	Mercedes-Benz	E63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2226	2010	Mercedes-Benz	E63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2227	2010	Mercedes-Benz	E63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2228	2010	Mercedes-Benz	E63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2229	2010	Mercedes-Benz	E63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2230	2010	Mercedes-Benz	E63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2231	2010	Mercedes-Benz	E63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2232	2010	Mercedes-Benz	E63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2233	2010	Mercedes-Benz	E63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2234	2010	Mercedes-Benz	E63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411195	ALL
2235	2010	Mercedes-Benz	E63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411194	ALL
2236	2010	Mercedes-Benz	S63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2237	2010	Mercedes-Benz	S63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2238	2010	Mercedes-Benz	S63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2239	2010	Mercedes-Benz	S63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2240	2010	Mercedes-Benz	S63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2241	2010	Mercedes-Benz	S63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2242	2010	Mercedes-Benz	S63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2243	2010	Mercedes-Benz	S63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2244	2010	Mercedes-Benz	S63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2245	2010	Mercedes-Benz	S63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411199	ALL
2246	2010	Mercedes-Benz	S63 AMG	6.3	AMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411200	ALL
2247	2010	Mercedes-Benz	SLK55 AMG	5.5	AMBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411205	ALL
2248	2010	Mercedes-Benz	SLK55 AMG	5.5	AMBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411205	ALL
2249	2010	Mercedes-Benz	SLK55 AMG	5.5	AMBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2250	2010	Mercedes-Benz	SLK55 AMG	5.5	AMBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2251	2010	Mercedes-Benz	SLK55 AMG	5.5	AMBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2252	2010	Mercedes-Benz	SLK55 AMG	5.5	AMBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2253	2010	Mercedes-Benz	SLK55 AMG	5.5	AMBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411696	ALL
2254	2010	Mercedes-Benz	SLK55 AMG	5.5	AMBXV05.5L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411702	ALL
2255	2011	Mercedes-Benz	CLS63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2256	2011	Mercedes-Benz	CLS63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2257	2011	Mercedes-Benz	CLS63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2258	2011	Mercedes-Benz	CLS63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2259	2011	Mercedes-Benz	CLS63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2260	2011	Mercedes-Benz	CLS63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2261	2011	Mercedes-Benz	CLS63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2262	2011	Mercedes-Benz	CLS63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2263	2011	Mercedes-Benz	CLS63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2264	2011	Mercedes-Benz	CLS63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	DIRECT FIT	5411192	ALL
2265	2011	Mercedes-Benz	CLS63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	DIRECT FIT	5411193	ALL
2266	2011	Mercedes-Benz	SL63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411274	ALL
2267	2011	Mercedes-Benz	SL63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411275	ALL
2268	2011	Mercedes-Benz	SL63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411274	ALL
2269	2011	Mercedes-Benz	SL63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411275	ALL
2270	2011	Mercedes-Benz	SL63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2271	2011	Mercedes-Benz	SL63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2272	2011	Mercedes-Benz	SL63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2273	2011	Mercedes-Benz	SL63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2274	2011	Mercedes-Benz	SL63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2275	2011	Mercedes-Benz	SL63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2276	2011	Mercedes-Benz	SL63 AMG	6.3	BMBXJ06.3L2A	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5411198	ALL
2277	2004	Mercury	Grand Marquis	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
2278	2004	Mercury	Grand Marquis	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
2279	2004	Mercury	Grand Marquis	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
2280	2004	Mercury	Grand Marquis	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
2281	2004	Mercury	Grand Marquis	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
2282	2004	Mercury	Grand Marquis	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
2283	2004	Mercury	Grand Marquis	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
2284	2004	Mercury	Grand Marquis	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
2285	2004	Mercury	Grand Marquis	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
2286	2004	Mercury	Grand Marquis	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
2287	2004	Mercury	Grand Marquis	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
2288	2004	Mercury	Grand Marquis	4.6	4FMXV04.6VE5	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
2289	2004	Mercury	Sable	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	5411466	ALL
2290	2004	Mercury	Sable	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	5411466	ALL
2291	2004	Mercury	Sable	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	ALL
2292	2004	Mercury	Sable	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	ALL
2293	2004	Mercury	Sable	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	ALL
2294	2004	Mercury	Sable	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	ALL
2295	2004	Mercury	Sable	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421031	ALL
2296	2004	Mercury	Sable	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421031	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2297	2004	Mercury	Sable	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421204	ALL
2298	2004	Mercury	Sable	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421204	ALL
2299	2004	Mercury	Sable	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
2300	2004	Mercury	Sable	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
2301	2004	Mercury	Sable	3	4FMXV03.0VEM	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
2302	2004	Mercury	Sable	3	4FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
2303	2005	Mercury	Grand Marquis	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
2304	2005	Mercury	Grand Marquis	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
2305	2005	Mercury	Grand Marquis	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
2306	2005	Mercury	Grand Marquis	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
2307	2005	Mercury	Grand Marquis	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
2308	2005	Mercury	Grand Marquis	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
2309	2005	Mercury	Grand Marquis	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
2310	2005	Mercury	Grand Marquis	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
2311	2005	Mercury	Grand Marquis	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
2312	2005	Mercury	Grand Marquis	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
2313	2005	Mercury	Grand Marquis	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
2314	2005	Mercury	Grand Marquis	4.6	5FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
2315	2005	Mercury	Montego	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411043	FWD
2316	2005	Mercury	Montego	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	FWD
2317	2005	Mercury	Montego	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	FWD
2318	2005	Mercury	Montego	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411042	FWD
2319	2005	Mercury	Montego	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411304	FWD
2320	2005	Mercury	Montego	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411305	FWD
2321	2005	Mercury	Montego	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421024	ALL
2322	2005	Mercury	Montego	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
2323	2005	Mercury	Montego	3	5FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
2324	2005	Mercury	Sable	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	5411466	ALL
2325	2005	Mercury	Sable	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	ALL
2326	2005	Mercury	Sable	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	ALL
2327	2005	Mercury	Sable	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421031	ALL
2328	2005	Mercury	Sable	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421204	ALL
2329	2005	Mercury	Sable	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
2330	2005	Mercury	Sable	3	5FMXV03.0VEY	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
2331	2006	Mercury	Grand Marquis	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
2332	2006	Mercury	Grand Marquis	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
2333	2006	Mercury	Grand Marquis	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
2334	2006	Mercury	Grand Marquis	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
2335	2006	Mercury	Grand Marquis	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
2336	2006	Mercury	Grand Marquis	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
2337	2006	Mercury	Grand Marquis	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2338	2006	Mercury	Grand Marquis	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
2339	2006	Mercury	Grand Marquis	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
2340	2006	Mercury	Grand Marquis	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
2341	2006	Mercury	Grand Marquis	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
2342	2006	Mercury	Grand Marquis	4.6	6FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
2343	2006	Mercury	Montego	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411043	FWD
2344	2006	Mercury	Montego	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	FWD
2345	2006	Mercury	Montego	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	FWD
2346	2006	Mercury	Montego	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411042	FWD
2347	2006	Mercury	Montego	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411304	FWD
2348	2006	Mercury	Montego	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411305	FWD
2349	2006	Mercury	Montego	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421024	ALL
2350	2006	Mercury	Montego	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
2351	2006	Mercury	Montego	3	6FMXV03.02EC	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
2352	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
2353	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
2354	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
2355	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
2356	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
2357	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
2358	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
2359	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
2360	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
2361	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
2362	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
2363	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
2364	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
2365	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
2366	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
2367	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
2368	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
2369	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
2370	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
2371	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
2372	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
2373	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
2374	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
2375	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
2376	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
2377	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
2378	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2379	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
2380	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
2381	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
2382	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
2383	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
2384	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
2385	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE8	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
2386	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
2387	2007	Mercury	Grand Marquis	4.6	7FMXV04.6VE9	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
2388	2007	Mercury	Montego	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411043	FWD
2389	2007	Mercury	Montego	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	FWD
2390	2007	Mercury	Montego	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	FWD
2391	2007	Mercury	Montego	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411042	FWD
2392	2007	Mercury	Montego	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411304	FWD
2393	2007	Mercury	Montego	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411305	FWD
2394	2007	Mercury	Montego	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421024	ALL
2395	2007	Mercury	Montego	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
2396	2007	Mercury	Montego	3	7FMXV03.0VED	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
2397	2008	Mercury	Grand Marquis	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411274	ALL
2398	2008	Mercury	Grand Marquis	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411275	ALL
2399	2008	Mercury	Grand Marquis	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411274	ALL
2400	2008	Mercury	Grand Marquis	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411275	ALL
2401	2008	Mercury	Grand Marquis	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421204	ALL
2402	2008	Mercury	Grand Marquis	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
2403	2008	Mercury	Grand Marquis	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421206	ALL
2404	2008	Mercury	Grand Marquis	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421204	ALL
2405	2008	Mercury	Grand Marquis	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
2406	2008	Mercury	Grand Marquis	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421206	ALL
2407	2008	Mercury	Grand Marquis	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411010	ALL
2408	2008	Mercury	Grand Marquis	4.6	8FMXV04.6VEF	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411011	ALL
2409	2007	Mini	Cooper	1.6	7BMXV01.6LE2	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411305	ALL
2410	2007	Mini	Cooper	1.6	7BMXV01.6LE2	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411306	ALL
2411	2007	Mini	Cooper	1.6	7BMXV01.6LE2	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411350	ALL
2412	2007	Mini	Cooper	1.6	7BMXV01.6LE2	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
2413	2007	Mini	Cooper	1.6	7BMXV01.6LE2	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2414	2007	Mini	Cooper	1.6	7BMXV01.6LE2	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2415	2007	Mini	Cooper	1.6	7BMXV01.6LE2	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421846	ALL
2416	2009	Mini	Cooper	1.6	9BMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411304	ALL
2417	2009	Mini	Cooper	1.6	9BMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411305	ALL
2418	2009	Mini	Cooper	1.6	9BMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411306	ALL
2419	2009	Mini	Cooper	1.6	9BMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411350	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2420	2009	Mini	Cooper	1.6	9BMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
2421	2009	Mini	Cooper	1.6	9BMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2422	2009	Mini	Cooper	1.6	9BMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2423	2009	Mini	Cooper	1.6	9BMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421227	ALL
2424	2010	Mini	Cooper	1.6	ABMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411304	ALL
2425	2010	Mini	Cooper	1.6	ABMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411305	ALL
2426	2010	Mini	Cooper	1.6	ABMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411306	ALL
2427	2010	Mini	Cooper	1.6	ABMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411350	ALL
2428	2010	Mini	Cooper	1.6	ABMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
2429	2010	Mini	Cooper	1.6	ABMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2430	2010	Mini	Cooper	1.6	ABMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2431	2010	Mini	Cooper	1.6	ABMXV01.6SPD	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421227	ALL
2432	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	5411239	ALL
2433	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRC	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	5411239	ALL
2434	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2435	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRC	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2436	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2437	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRC	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2438	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2439	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRC	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2440	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421204	FWD
2441	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421204	AWD
2442	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRC	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421204	AWD
2443	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRC	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421204	FWD
2444	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421205	FWD
2445	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421205	AWD
2446	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRC	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421205	FWD
2447	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRC	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421205	AWD
2448	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRC	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421206	FWD
2449	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421206	AWD
2450	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRC	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421206	AWD
2451	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421206	FWD
2452	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	DIRECT FIT	5421240	FWD
2453	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRC	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	DIRECT FIT	5421240	FWD
2454	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRC	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	DIRECT FIT	5421241	AWD
2455	2011	Mitsubishi	Outlander	2.4	BMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	DIRECT FIT	5421241	AWD
2456	2012	Mitsubishi	Outlander	2.4	CMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	5411239	ALL
2457	2012	Mitsubishi	Outlander	2.4	CMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2458	2012	Mitsubishi	Outlander	2.4	CMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2459	2012	Mitsubishi	Outlander	2.4	CMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2460	2012	Mitsubishi	Outlander	2.4	CMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421204	FWD

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2461	2012	Mitsubishi	Outlander	2.4	CMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421204	AWD
2462	2012	Mitsubishi	Outlander	2.4	CMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421205	AWD
2463	2012	Mitsubishi	Outlander	2.4	CMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421205	FWD
2464	2012	Mitsubishi	Outlander	2.4	CMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421206	AWD
2465	2012	Mitsubishi	Outlander	2.4	CMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421206	FWD
2466	2012	Mitsubishi	Outlander	2.4	CMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	DIRECT FIT	5421240	FWD
2467	2012	Mitsubishi	Outlander	2.4	CMTXT02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	DIRECT FIT	5421241	AWD
2468	2013	Mitsubishi	Outlander	2.4	DMTXX02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	5411239	ALL
2469	2013	Mitsubishi	Outlander	2.4	DMTXX02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2470	2013	Mitsubishi	Outlander	2.4	DMTXX02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2471	2013	Mitsubishi	Outlander	2.4	DMTXX02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2472	2013	Mitsubishi	Outlander	2.4	DMTXX02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421204	FWD
2473	2013	Mitsubishi	Outlander	2.4	DMTXX02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421204	AWD
2474	2013	Mitsubishi	Outlander	2.4	DMTXX02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421205	FWD
2475	2013	Mitsubishi	Outlander	2.4	DMTXX02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421205	AWD
2476	2013	Mitsubishi	Outlander	2.4	DMTXX02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421206	AWD
2477	2013	Mitsubishi	Outlander	2.4	DMTXX02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421206	FWD
2478	2013	Mitsubishi	Outlander	2.4	DMTXX02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	DIRECT FIT	5421240	FWD
2479	2013	Mitsubishi	Outlander	2.4	DMTXX02.4GRB	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	DIRECT FIT	5421241	AWD
2480	2004	Nissan	350Z	3.5	4NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	ALL
2481	2004	Nissan	350Z	3.5	4NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	ALL
2482	2004	Nissan	Maxima	3.5	4NSXV03.5G7A	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411022	ALL
2483	2004	Nissan	Maxima	3.5	4NSXV03.5G7A	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411207	ALL
2484	2004	Nissan	Maxima	3.5	4NSXV03.5G7A	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411322	ALL
2485	2004	Nissan	Maxima	3.5	4NSXV03.5G7A	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
2486	2004	Nissan	Maxima	3.5	4NSXV03.5G7A	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
2487	2004	Nissan	Maxima	3.5	4NSXV03.5G7A	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421710	ALL
2488	2005	Nissan	350Z	3.5	5NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	ALL
2489	2005	Nissan	350Z	3.5	5NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	ALL
2490	2006	Nissan	350Z	3.5	6NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411050	ALL
2491	2006	Nissan	350Z	3.5	6NSXV03.5G7A	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411045	ALL
2492	2006	Nissan	Altima	3.5	6NSXV03.5G7A	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411022	MANUAL
2493	2006	Nissan	Altima	3.5	6NSXV03.5G7A	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411652	AUTOMATIC
2494	2006	Nissan	Altima	3.5	6NSXV03.5G7A	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411322	ALL
2495	2006	Nissan	Altima	3.5	6NSXV03.5G7A	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
2496	2006	Nissan	Altima	3.5	6NSXV03.5G7A	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
2497	2006	Nissan	Altima	3.5	6NSXV03.5G7A	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421710	ALL
2498	2009	Nissan	Cube	1.8	9NSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2499	2009	Nissan	Cube	1.8	9NSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2500	2009	Nissan	Cube	1.8	9NSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2501	2009	Nissan	Cube	1.8	9NSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2502	2009	Nissan	Cube	1.8	9NSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2503	2009	Nissan	Cube	1.8	9NSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2504	2009	Nissan	Cube	1.8	9NSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411327	ALL
2505	2009	Nissan	Sentra	2	9NSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2506	2009	Nissan	Sentra	2	9NSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2507	2009	Nissan	Sentra	2	9NSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2508	2009	Nissan	Sentra	2	9NSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2509	2009	Nissan	Sentra	2	9NSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2510	2009	Nissan	Sentra	2	9NSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2511	2009	Nissan	Sentra	2	9NSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411166	ALL
2512	2010	Nissan	Cube	1.8	ANSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2513	2010	Nissan	Cube	1.8	ANSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2514	2010	Nissan	Cube	1.8	ANSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2515	2010	Nissan	Cube	1.8	ANSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2516	2010	Nissan	Cube	1.8	ANSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2517	2010	Nissan	Cube	1.8	ANSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2518	2010	Nissan	Cube	1.8	ANSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411327	ALL
2519	2010	Nissan	Sentra	2	ANSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2520	2010	Nissan	Sentra	2	ANSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2521	2010	Nissan	Sentra	2	ANSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2522	2010	Nissan	Sentra	2	ANSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2523	2010	Nissan	Sentra	2	ANSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2524	2010	Nissan	Sentra	2	ANSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2525	2010	Nissan	Sentra	2	ANSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411166	ALL
2526	2011	Nissan	Cube	1.8	BNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2527	2011	Nissan	Cube	1.8	BNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2528	2011	Nissan	Cube	1.8	BNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2529	2011	Nissan	Cube	1.8	BNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2530	2011	Nissan	Cube	1.8	BNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2531	2011	Nissan	Cube	1.8	BNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2532	2011	Nissan	Cube	1.8	BNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411327	ALL
2533	2011	Nissan	Sentra	2	BNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2534	2011	Nissan	Sentra	2	BNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2535	2011	Nissan	Sentra	2	BNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2536	2011	Nissan	Sentra	2	BNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2537	2011	Nissan	Sentra	2	BNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2538	2011	Nissan	Sentra	2	BNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2539	2011	Nissan	Sentra	2	BNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411166	ALL
2540	2012	Nissan	Cube	1.8	CNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2541	2012	Nissan	Cube	1.8	CNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2542	2012	Nissan	Cube	1.8	CNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2543	2012	Nissan	Cube	1.8	CNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2544	2012	Nissan	Cube	1.8	CNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2545	2012	Nissan	Cube	1.8	CNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2546	2012	Nissan	Cube	1.8	CNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411327	ALL
2547	2012	Nissan	Sentra	2	CNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2548	2012	Nissan	Sentra	2	CNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2549	2012	Nissan	Sentra	2	CNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2550	2012	Nissan	Sentra	2	CNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2551	2012	Nissan	Sentra	2	CNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2552	2012	Nissan	Sentra	2	CNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2553	2012	Nissan	Sentra	2	CNSXV02.0G2A	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411166	ALL
2554	2013	Nissan	Cube	1.8	DNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2555	2013	Nissan	Cube	1.8	DNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2556	2013	Nissan	Cube	1.8	DNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2557	2013	Nissan	Cube	1.8	DNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2558	2013	Nissan	Cube	1.8	DNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2559	2013	Nissan	Cube	1.8	DNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2560	2013	Nissan	Cube	1.8	DNSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411327	ALL
2561	2013	Nissan	Sentra	1.8	DNSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2562	2013	Nissan	Sentra	1.8	DNSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2563	2013	Nissan	Sentra	1.8	DNSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2564	2013	Nissan	Sentra	1.8	DNSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2565	2013	Nissan	Sentra	1.8	DNSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411710	ALL
2566	2014	Nissan	Cube	1.8	ENSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2567	2014	Nissan	Cube	1.8	ENSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2568	2014	Nissan	Cube	1.8	ENSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2569	2014	Nissan	Cube	1.8	ENSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2570	2014	Nissan	Cube	1.8	ENSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2571	2014	Nissan	Cube	1.8	ENSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2572	2014	Nissan	Cube	1.8	ENSXV01.8G1B	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411327	ALL
2573	2014	Nissan	Sentra	1.8	ENSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2574	2014	Nissan	Sentra	1.8	ENSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2575	2014	Nissan	Sentra	1.8	ENSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2576	2014	Nissan	Sentra	1.8	ENSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2577	2014	Nissan	Sentra	1.8	ENSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411710	ALL
2578	2015	Nissan	Sentra	1.8	FNSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2579	2015	Nissan	Sentra	1.8	FNSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2580	2015	Nissan	Sentra	1.8	FNSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2581	2015	Nissan	Sentra	1.8	FNSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2582	2015	Nissan	Sentra	1.8	FNSXV01.8G1A	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411710	ALL
2583	2007	Pontiac	G6	3.5	7GMXV03.5047	LEV2 LEV	PC	S	TWC(2)	2	1	FL	UNIVERSAL	5411304	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2584	2007	Pontiac	G6	3.5	7GMXV03.5047	LEV2 LEV	PC	S	TWC(2)	2	1	FL	UNIVERSAL	5411305	ALL
2585	2007	Pontiac	G6	3.5	7GMXV03.5047	LEV2 LEV	PC	S	TWC(2)	2	1	FL	UNIVERSAL	5411306	ALL
2586	2007	Pontiac	G6	3.5	7GMXV03.5047	LEV2 LEV	PC	S	TWC(2)	2	1	FL	DIRECT FIT	5411619	ALL
2587	2007	Pontiac	G6	3.5	7GMXV03.5047	LEV2 LEV	PC	S	TWC(2)	2	1	FR	DIRECT FIT	5411182	ALL
2588	2007	Pontiac	G6	3.5	7GMXV03.5047	LEV2 LEV	PC	S	TWC(2)	2	1	FR	UNIVERSAL	5411304	ALL
2589	2007	Pontiac	G6	3.5	7GMXV03.5047	LEV2 LEV	PC	S	TWC(2)	2	1	FR	UNIVERSAL	5411305	ALL
2590	2007	Pontiac	G6	3.5	7GMXV03.5047	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2591	2007	Pontiac	G6	3.5	7GMXV03.5047	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2592	2007	Pontiac	G6	3.5	7GMXV03.5047	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2593	2007	Pontiac	G6	3.5	7GMXV03.5047	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421894	ALL
2594	2008	Pontiac	G5	2.2	8GMXV02.4025	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	AUTOMATIC
2595	2008	Pontiac	G5	2.2	8GMXV02.4025	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	AUTOMATIC
2596	2008	Pontiac	G5	2.2	8GMXV02.4025	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	AUTOMATIC
2597	2008	Pontiac	G5	2.2	8GMXV02.4025	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	AUTOMATIC
2598	2008	Pontiac	G5	2.2	8GMXV02.4025	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411197	AUTOMATIC
2599	2008	Pontiac	G5	2.4	8GMXV02.4025	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	AUTOMATIC
2600	2008	Pontiac	G5	2.4	8GMXV02.4025	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	AUTOMATIC
2601	2008	Pontiac	G5	2.4	8GMXV02.4025	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	AUTOMATIC
2602	2008	Pontiac	G5	2.4	8GMXV02.4025	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	AUTOMATIC
2603	2008	Pontiac	G5	2.4	8GMXV02.4025	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411197	AUTOMATIC
2604	2009	Pontiac	G5	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	AUTOMATIC
2605	2009	Pontiac	G5	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	AUTOMATIC
2606	2009	Pontiac	G5	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	AUTOMATIC
2607	2009	Pontiac	G5	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	AUTOMATIC
2608	2009	Pontiac	G5	2.2	9GMXV02.4027	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411197	AUTOMATIC
2609	2009	Pontiac	G6	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411090	ALL
2610	2009	Pontiac	G6	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	ALL
2611	2009	Pontiac	G6	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	ALL
2612	2009	Pontiac	G6	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411306	ALL
2613	2009	Pontiac	G6	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411182	ALL
2614	2009	Pontiac	G6	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411304	ALL
2615	2009	Pontiac	G6	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411305	ALL
2616	2009	Pontiac	G6	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421204	ALL
2617	2009	Pontiac	G6	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
2618	2009	Pontiac	G6	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
2619	2009	Pontiac	G6	3.5	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421894	ALL
2620	2009	Pontiac	G6	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411205	ALL
2621	2009	Pontiac	G6	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411907	ALL
2622	2009	Pontiac	G6	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411205	ALL
2623	2009	Pontiac	G6	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411911	ALL
2624	2009	Pontiac	G6	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2625	2009	Pontiac	G6	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
2626	2009	Pontiac	G6	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421913	ALL
2627	2010	Pontiac	G6	3.5	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411183	ALL
2628	2010	Pontiac	G6	3.5	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411274	ALL
2629	2010	Pontiac	G6	3.5	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411275	ALL
2630	2010	Pontiac	G6	3.5	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411182	ALL
2631	2010	Pontiac	G6	3.5	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411304	ALL
2632	2010	Pontiac	G6	3.5	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411305	ALL
2633	2010	Pontiac	G6	3.5	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421204	ALL
2634	2010	Pontiac	G6	3.5	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
2635	2010	Pontiac	G6	3.5	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
2636	2010	Pontiac	G6	3.5	AGMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421917	ALL
2637	2006	Porsche	Cayman	3.4	6PRXV03.4C87	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	DIRECT FIT	5411930	ALL
2638	2006	Porsche	Cayman	3.4	6PRXV03.4C87	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	DIRECT FIT	5411931	ALL
2639	2006	Porsche	Cayman	3.4	6PRXV03.4C87	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	DIRECT FIT	5421242	ALL
2640	2006	Porsche	Cayman	3.4	6PRXV03.4C87	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	DIRECT FIT	5421243	ALL
2641	2010	Porsche	Panamera	4.8	APRXV04.8PTD	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411941	ALL
2642	2010	Porsche	Panamera	4.8	APRXV04.8PTD	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411839	ALL
2643	2011	Porsche	Panamera	3.6	BPRXV03.6PBD	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411202	ALL
2644	2011	Porsche	Panamera	3.6	BPRXV03.6PBD	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411203	ALL
2645	2011	Porsche	Panamera	4.8	BPRXV04.8PTD	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411941	ALL
2646	2011	Porsche	Panamera	4.8	BPRXV04.8PTD	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411839	ALL
2647	2012	Porsche	Panamera	3.6	CPRXV03.6PBD	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411202	ALL
2648	2012	Porsche	Panamera	3.6	CPRXV03.6PBD	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411203	ALL
2649	2012	Porsche	Panamera	4.8	CPRXV04.8PTD	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411941	ALL
2650	2012	Porsche	Panamera	4.8	CPRXV04.8PTD	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411839	ALL
2651	2013	Porsche	Panamera	3.6	DPRXV03.6PBD	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411202	ALL
2652	2013	Porsche	Panamera	3.6	DPRXV03.6PBD	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411203	ALL
2653	2013	Porsche	Panamera	4.8	DPRXV04.8PTD	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411941	ALL
2654	2013	Porsche	Panamera	4.8	DPRXV04.8PTD	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411839	ALL
2655	2014	Porsche	Panamera	3.6	EPRXV03.6PBD	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411940	ALL
2656	2014	Porsche	Panamera	3.6	EPRXV03.6PBD	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411979	ALL
2657	2014	Porsche	Panamera	4.8	EPRXV04.8PTD	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411980	ALL
2658	2014	Porsche	Panamera	4.8	EPRXV04.8PTD	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411977	ALL
2659	2015	Porsche	Panamera	4.8	FPRXV04.8PT8	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411980	ALL
2660	2015	Porsche	Panamera	4.8	FPRXV04.8PT8	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411977	ALL
2661	2016	Porsche	Panamera	4.8	GPRXV04.8PT8	LEV2 LEV	PC	D	2TWC(2)	4	2	UL	DIRECT FIT	5411805	ALL
2662	2016	Porsche	Panamera	4.8	GPRXV04.8PT8	LEV2 LEV	PC	D	2TWC(2)	4	2	UR	DIRECT FIT	5411307	ALL
2663	2005	Saab	9-2X	2.5	5FJXX02.5MJS	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411026	ALL
2664	2006	Saab	9-2X	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411044	ALL
2665	2006	Saab	9-2X	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2666	2006	Saab	9-2X	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2667	2006	Saab	9-2X	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2668	2006	Saab	9-2X	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421029	ALL
2669	2007	Saab	9-3	2	7GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411059	ALL
2670	2007	Saab	9-3	2	7GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411782	ALL
2671	2007	Saab	9-3	2	7GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2672	2007	Saab	9-3	2	7GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2673	2007	Saab	9-3	2	7GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421784	ALL
2674	2007	Saab	9-5	2.3	7GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411274	ALL
2675	2007	Saab	9-5	2.3	7GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411275	ALL
2676	2007	Saab	9-5	2.3	7GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
2677	2007	Saab	9-5	2.3	7GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2678	2007	Saab	9-5	2.3	7GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2679	2007	Saab	9-5	2.3	7GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411016	ALL
2680	2008	Saab	9-3	2	8GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411059	ALL
2681	2008	Saab	9-3	2	8GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411782	ALL
2682	2008	Saab	9-3	2	8GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2683	2008	Saab	9-3	2	8GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2684	2008	Saab	9-3	2	8GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421784	ALL
2685	2008	Saab	9-3	2.8	8GMXV02.8004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411064	ALL
2686	2008	Saab	9-3	2.8	8GMXV02.8004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411205	ALL
2687	2008	Saab	9-3	2.8	8GMXV02.8004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421018	ALL
2688	2008	Saab	9-3	2.8	8GMXV02.8004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2689	2008	Saab	9-3	2.8	8GMXV02.8004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2690	2008	Saab	9-5	2.3	8GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411274	ALL
2691	2008	Saab	9-5	2.3	8GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411275	ALL
2692	2008	Saab	9-5	2.3	8GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
2693	2008	Saab	9-5	2.3	8GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2694	2008	Saab	9-5	2.3	8GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2695	2008	Saab	9-5	2.3	8GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411016	ALL
2696	2009	Saab	9-3	2	9GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411059	ALL
2697	2009	Saab	9-3	2	9GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2698	2009	Saab	9-3	2	9GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2699	2009	Saab	9-3	2	9GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421784	ALL
2700	2009	Saab	9-3	2.8	9GMXV02.8004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411230	ALL
2701	2009	Saab	9-3	2.8	9GMXV02.8004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411231	ALL
2702	2009	Saab	9-3	2.8	9GMXV02.8004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411274	ALL
2703	2009	Saab	9-3	2.8	9GMXV02.8004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411275	ALL
2704	2009	Saab	9-3	2.8	9GMXV02.8004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421018	ALL
2705	2009	Saab	9-3	2.8	9GMXV02.8004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2706	2009	Saab	9-3	2.8	9GMXV02.8004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2707	2009	Saab	9-5	2.3	9GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411274	ALL
2708	2009	Saab	9-5	2.3	9GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411275	ALL
2709	2009	Saab	9-5	2.3	9GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
2710	2009	Saab	9-5	2.3	9GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2711	2009	Saab	9-5	2.3	9GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2712	2009	Saab	9-5	2.3	9GMXV02.3001	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411016	ALL
2713	2010	Saab	9-3	2	AGMXV02.0004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411059	ALL
2714	2010	Saab	9-3	2	AGMXV02.0004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2715	2010	Saab	9-3	2	AGMXV02.0004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2716	2010	Saab	9-3	2	AGMXV02.0004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421784	ALL
2717	2010	Saab	9-5	2.8	AGMXJ02.8161	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411209	ALL
2718	2010	Saab	9-5	2.8	AGMXJ02.8161	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2719	2010	Saab	9-5	2.8	AGMXJ02.8161	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2720	2010	Saab	9-5	2.8	AGMXJ02.8161	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2721	2010	Saab	9-5	2.8	AGMXJ02.8161	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421208	ALL
2722	2010	Saab	9-3X	2	AGMXV02.0004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411210	ALL
2723	2010	Saab	9-3X	2	AGMXV02.0004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
2724	2010	Saab	9-3X	2	AGMXV02.0004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2725	2010	Saab	9-3X	2	AGMXV02.0004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2726	2010	Saab	9-3X	2	AGMXV02.0004	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421211	ALL
2727	2011	Saab	9-3	2	BSAXV02.0004	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411059	ALL
2728	2011	Saab	9-3	2	BSAXV02.0004	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2729	2011	Saab	9-3	2	BSAXV02.0004	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2730	2011	Saab	9-3	2	BSAXV02.0004	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421784	ALL
2731	2011	Saab	9-5	2.8	BSAXV02.8162	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411209	ALL
2732	2011	Saab	9-5	2.8	BSAXV02.8162	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2733	2011	Saab	9-5	2.8	BSAXV02.8162	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2734	2011	Saab	9-5	2.8	BSAXV02.8162	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2735	2011	Saab	9-5	2.8	BSAXV02.8162	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421208	ALL
2736	2011	Saab	9-3X	2	BSAXV02.0004	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411210	ALL
2737	2011	Saab	9-3X	2	BSAXV02.0004	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2738	2011	Saab	9-3X	2	BSAXV02.0004	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2739	2011	Saab	9-3X	2	BSAXV02.0004	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2740	2011	Saab	9-3X	2	BSAXV02.0004	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421211	ALL
2741	2009	Saturn	Aura	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	UNIVERSAL	5411205	ALL
2742	2009	Saturn	Aura	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FL	DIRECT FIT	5411907	ALL
2743	2009	Saturn	Aura	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	UNIVERSAL	5411205	ALL
2744	2009	Saturn	Aura	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	FR	DIRECT FIT	5411911	ALL
2745	2009	Saturn	Aura	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421205	ALL
2746	2009	Saturn	Aura	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	5421206	ALL
2747	2009	Saturn	Aura	3.6	9GMXJ03.9142	LEV2 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	5421913	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2748	2008	Scion	xD	1.8	8TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411304	ALL
2749	2008	Scion	xD	1.8	8TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411305	ALL
2750	2008	Scion	xD	1.8	8TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411306	ALL
2751	2008	Scion	xD	1.8	8TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
2752	2008	Scion	xD	1.8	8TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2753	2008	Scion	xD	1.8	8TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2754	2008	Scion	xD	1.8	8TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411159	ALL
2755	2009	Scion	xD	1.8	9TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411304	ALL
2756	2009	Scion	xD	1.8	9TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411305	ALL
2757	2009	Scion	xD	1.8	9TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411306	ALL
2758	2009	Scion	xD	1.8	9TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
2759	2009	Scion	xD	1.8	9TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2760	2009	Scion	xD	1.8	9TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2761	2009	Scion	xD	1.8	9TYXV01.8AJA	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411159	ALL
2762	2013	SRT	Viper	8.4	DCRXV08.41P0	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
2763	2013	SRT	Viper	8.4	DCRXV08.41P0	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
2764	2013	SRT	Viper	8.4	DCRXV08.41P0	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
2765	2013	SRT	Viper	8.4	DCRXV08.41P0	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
2766	2014	SRT	Viper	8.4	ECRXV08.45P0	LEV2 LEV	PC	D	2TWC(2)	4	2	FL	UNIVERSAL	5411305	ALL
2767	2014	SRT	Viper	8.4	ECRXV08.45P0	LEV2 LEV	PC	D	2TWC(2)	4	2	FR	UNIVERSAL	5411305	ALL
2768	2014	SRT	Viper	8.4	ECRXV08.45P0	LEV2 LEV	PC	D	2TWC(2)	4	2	RL	UNIVERSAL	5421205	ALL
2769	2014	SRT	Viper	8.4	ECRXV08.45P0	LEV2 LEV	PC	D	2TWC(2)	4	2	RR	UNIVERSAL	5421205	ALL
2770	2004	Subaru	Legacy	2.5	4FJXV02.5MJS	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411026	ALL
2771	2004	Subaru	Outback	2.5	4FJXV02.5MJS	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411026	ALL
2772	2005	Subaru	Forester	2.5	5FJXX02.5MJS	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411026	ALL
2773	2005	Subaru	Impreza	2.5	5FJXX02.5MJS	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411026	ALL
2774	2005	Subaru	Legacy	2.5	5FJXX02.5MJS	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411026	ALL
2775	2005	Subaru	Outback	2.5	5FJXX02.5MJS	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411026	ALL
2776	2005	Subaru	Outback	3	5FJXT03.0TLW	LEV2 LEV	PC	S	TWC(3)	3	2	UL	DIRECT FIT	5411593	ALL
2777	2005	Subaru	Outback	3	5FJXT03.0TLW	LEV2 LEV	PC	S	TWC(3)	3	2	UR	DIRECT FIT	5411603	ALL
2778	2006	Subaru	Forester	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411044	ALL
2779	2006	Subaru	Forester	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2780	2006	Subaru	Forester	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2781	2006	Subaru	Forester	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2782	2006	Subaru	Forester	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421029	ALL
2783	2006	Subaru	Impreza	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411015	ALL
2784	2006	Subaru	Impreza	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411044	ALL
2785	2006	Subaru	Impreza	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2786	2006	Subaru	Impreza	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2787	2006	Subaru	Impreza	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2788	2006	Subaru	Impreza	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421025	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2789	2006	Subaru	Impreza	2.5	6FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421985	ALL
2790	2007	Subaru	Forester	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411044	ALL
2791	2007	Subaru	Forester	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2792	2007	Subaru	Forester	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2793	2007	Subaru	Forester	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2794	2007	Subaru	Forester	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421029	ALL
2795	2007	Subaru	Impreza	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411015	ALL
2796	2007	Subaru	Impreza	2.5	7FJXV02.5RWE	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411015	ALL
2797	2007	Subaru	Impreza	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411044	ALL
2798	2007	Subaru	Impreza	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2799	2007	Subaru	Impreza	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2800	2007	Subaru	Impreza	2.5	7FJXV02.5RWE	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2801	2007	Subaru	Impreza	2.5	7FJXV02.5RWE	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2802	2007	Subaru	Impreza	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2803	2007	Subaru	Impreza	2.5	7FJXV02.5RWE	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421025	ALL
2804	2007	Subaru	Impreza	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421025	ALL
2805	2007	Subaru	Impreza	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421985	ALL
2806	2007	Subaru	Legacy	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411014	ALL
2807	2007	Subaru	Legacy	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
2808	2007	Subaru	Legacy	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421827	ALL
2809	2007	Subaru	Outback	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411014	ALL
2810	2007	Subaru	Outback	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
2811	2007	Subaru	Outback	2.5	7FJXB02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421827	ALL
2812	2008	Subaru	Forester	2.5	8FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411044	ALL
2813	2008	Subaru	Forester	2.5	8FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2814	2008	Subaru	Forester	2.5	8FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2815	2008	Subaru	Forester	2.5	8FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2816	2008	Subaru	Forester	2.5	8FJXV02.5PRA	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421029	ALL
2817	2008	Subaru	Impreza	2.5	8FJXB02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411014	ALL
2818	2008	Subaru	Impreza	2.5	8FJXB02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
2819	2008	Subaru	Impreza	2.5	8FJXB02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421012	ALL
2820	2008	Subaru	Impreza	2.5	8FJXB02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421159	ALL
2821	2008	Subaru	Legacy	2.5	8FJXB02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411014	ALL
2822	2008	Subaru	Legacy	2.5	8FJXB02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
2823	2008	Subaru	Legacy	2.5	8FJXB02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421827	ALL
2824	2008	Subaru	Legacy	3	8FJXB03.6TSF	LEV2 LEV	PC	S	TWC(3)	3	2	UL	DIRECT FIT	5411593	ALL
2825	2008	Subaru	Legacy	3	8FJXB03.6TSF	LEV2 LEV	PC	S	TWC(3)	3	2	UR	DIRECT FIT	5411603	ALL
2826	2009	Subaru	Impreza	2.5	9FJXJ02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411014	ALL
2827	2009	Subaru	Impreza	2.5	9FJXJ02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
2828	2009	Subaru	Impreza	2.5	9FJXJ02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421012	ALL
2829	2009	Subaru	Impreza	2.5	9FJXJ02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421159	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2830	2009	Subaru	Legacy	2.5	9FJXJ02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411014	ALL
2831	2009	Subaru	Legacy	2.5	9FJXJ02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
2832	2009	Subaru	Legacy	2.5	9FJXJ02.5PYH	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421159	MANUAL
2833	2009	Subaru	Legacy	3	9FJXJ03.6TSF	LEV2 LEV	PC	S	TWC(3)	3	2	UL	DIRECT FIT	5411593	ALL
2834	2009	Subaru	Legacy	3	9FJXJ03.6TSF	LEV2 LEV	PC	S	TWC(3)	3	2	UR	DIRECT FIT	5411603	ALL
2835	2010	Subaru	Impreza	2.5	AFJXJ02.5PHL	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411014	ALL
2836	2010	Subaru	Impreza	2.5	AFJXJ02.5PHL	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
2837	2010	Subaru	Impreza	2.5	AFJXJ02.5PHL	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421012	ALL
2838	2011	Subaru	Impreza	2.5	BFJXJ02.5PHL	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411014	ALL
2839	2011	Subaru	Impreza	2.5	BFJXJ02.5PHL	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
2840	2011	Subaru	Impreza	2.5	BFJXJ02.5PHL	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421012	ALL
2841	2012	Subaru	Impreza	2.5	CFJXJ02.5PHL	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411014	ALL
2842	2012	Subaru	Impreza	2.5	CFJXJ02.5PHL	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
2843	2012	Subaru	Impreza	2.5	CFJXJ02.5PHL	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421012	ALL
2844	2013	Subaru	Impreza	2.5	DFJXJ02.5PHL	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411014	ALL
2845	2013	Subaru	Impreza	2.5	DFJXJ02.5PHL	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
2846	2013	Subaru	Impreza	2.5	DFJXJ02.5PHL	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421012	ALL
2847	2014	Subaru	Impreza	2.5	EFJXJ02.5PHU	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411014	ALL
2848	2014	Subaru	Impreza	2.5	EFJXJ02.5PHU	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411205	ALL
2849	2014	Subaru	Impreza	2.5	EFJXJ02.5PHU	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421012	ALL
2850	2015	Subaru	Forester	2.5	FFJXJ02.5MLP	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411304	ALL
2851	2015	Subaru	Forester	2.5	FFJXJ02.5MLP	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411305	ALL
2852	2015	Subaru	Forester	2.5	FFJXJ02.5MLP	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411306	ALL
2853	2015	Subaru	Forester	2.5	FFJXJ02.5MLP	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421204	ALL
2854	2015	Subaru	Forester	2.5	FFJXJ02.5MLP	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2855	2015	Subaru	Forester	2.5	FFJXJ02.5MLP	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2856	2015	Subaru	WRX STI	2.5	FFJXJ02.5PHU	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411014	ALL
2857	2015	Subaru	WRX STI	2.5	FFJXJ02.5PHU	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411274	ALL
2858	2015	Subaru	WRX STI	2.5	FFJXJ02.5PHU	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411275	ALL
2859	2015	Subaru	WRX STI	2.5	FFJXJ02.5PHU	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421012	ALL
2860	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	MANUAL
2861	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	AUTOMATIC
2862	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	AUTOMATIC
2863	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	MANUAL
2864	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	MANUAL
2865	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	AUTOMATIC
2866	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	MANUAL
2867	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	AUTOMATIC
2868	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	MANUAL
2869	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	AUTOMATIC
2870	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	AUTOMATIC

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2871	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	MANUAL
2872	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411232	MANUAL
2873	2015	Subaru	WRX	2	FFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411621	AUTOMATIC
2874	2016	Subaru	WRX STI	2.5	GFJXV02.5PHU	LEV2 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	5411014	ALL
2875	2016	Subaru	WRX STI	2.5	GFJXV02.5PHU	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411274	ALL
2876	2016	Subaru	WRX STI	2.5	GFJXV02.5PHU	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411275	ALL
2877	2016	Subaru	WRX STI	2.5	GFJXV02.5PHU	LEV2 LEV	PC	S	TWC(2)	2	1	R	DIRECT FIT	5421012	ALL
2878	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	AUTOMATIC
2879	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411304	MANUAL
2880	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	MANUAL
2881	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411305	AUTOMATIC
2882	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	MANUAL
2883	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	5411306	AUTOMATIC
2884	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	AUTOMATIC
2885	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421204	MANUAL
2886	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	AUTOMATIC
2887	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421205	MANUAL
2888	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	AUTOMATIC
2889	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	5421206	MANUAL
2890	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411232	MANUAL
2891	2016	Subaru	WRX	2	GFJXJ02.0FPT	LEV2 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	5411621	AUTOMATIC
2892	2007	Suzuki	Aerio	2.3	7SKXV2.295D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411671	ALL
2893	2007	Suzuki	Aerio	2.3	7SKXV2.295D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
2894	2007	Suzuki	Aerio	2.3	7SKXV2.295D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2895	2007	Suzuki	Aerio	2.3	7SKXV2.295D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421672	ALL
2896	2007	Suzuki	SX4	2	7SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411123	ALL
2897	2007	Suzuki	SX4	2	7SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
2898	2007	Suzuki	SX4	2	7SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2899	2007	Suzuki	SX4	2	7SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421218	ALL
2900	2008	Suzuki	SX4	2	8SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411141	ALL
2901	2008	Suzuki	SX4	2	8SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411274	ALL
2902	2008	Suzuki	SX4	2	8SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411275	ALL
2903	2008	Suzuki	SX4	2	8SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
2904	2008	Suzuki	SX4	2	8SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2905	2008	Suzuki	SX4	2	8SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421218	ALL
2906	2009	Suzuki	SX4	2	9SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	5411141	ALL
2907	2009	Suzuki	SX4	2	9SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411274	ALL
2908	2009	Suzuki	SX4	2	9SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411275	ALL
2909	2009	Suzuki	SX4	2	9SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421204	ALL
2910	2009	Suzuki	SX4	2	9SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2911	2009	Suzuki	SX4	2	9SKXV1.995D1	LEV2 LEV	PC	S	WU-TWC,TWC	2	1	R	DIRECT FIT	5421218	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2912	2005	Toyota	Tacoma	2.7	5TYXT02.7NHH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411334	ALL
2913	2005	Toyota	Tacoma	2.7	5TYXT02.7NHH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411335	ALL
2914	2005	Toyota	Tacoma	2.7	5TYXT02.7NHH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2915	2005	Toyota	Tacoma	2.7	5TYXT02.7NHH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2916	2005	Toyota	Tacoma	2.7	5TYXT02.7NHH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411028	ALL
2917	2006	Toyota	Tacoma	2.7	6TYXT02.7NHH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411334	ALL
2918	2006	Toyota	Tacoma	2.7	6TYXT02.7NHH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411335	ALL
2919	2006	Toyota	Tacoma	2.7	6TYXT02.7NHH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2920	2006	Toyota	Tacoma	2.7	6TYXT02.7NHH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2921	2006	Toyota	Tacoma	2.7	6TYXT02.7NHH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411028	ALL
2922	2007	Toyota	Tacoma	2.7	7TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411334	ALL
2923	2007	Toyota	Tacoma	2.7	7TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411335	ALL
2924	2007	Toyota	Tacoma	2.7	7TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2925	2007	Toyota	Tacoma	2.7	7TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2926	2007	Toyota	Tacoma	2.7	7TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411028	ALL
2927	2008	Toyota	Tacoma	2.7	8TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411334	ALL
2928	2008	Toyota	Tacoma	2.7	8TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411335	ALL
2929	2008	Toyota	Tacoma	2.7	8TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2930	2008	Toyota	Tacoma	2.7	8TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2931	2008	Toyota	Tacoma	2.7	8TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411028	ALL
2932	2009	Toyota	Tacoma	2.7	9TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411334	ALL
2933	2009	Toyota	Tacoma	2.7	9TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411335	ALL
2934	2009	Toyota	Tacoma	2.7	9TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2935	2009	Toyota	Tacoma	2.7	9TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2936	2009	Toyota	Tacoma	2.7	9TYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411028	ALL
2937	2010	Toyota	Tacoma	2.7	ATYXT02.7AEH	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411334	ALL
2938	2010	Toyota	Tacoma	2.7	ATYXT02.7AEH	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411335	ALL
2939	2010	Toyota	Tacoma	2.7	ATYXT02.7AEH	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2940	2010	Toyota	Tacoma	2.7	ATYXT02.7AEH	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2941	2010	Toyota	Tacoma	2.7	ATYXT02.7AEH	LEV2 LEV	LDT1	S	TWC(2)	2	1	U	DIRECT FIT	5411028	ALL
2942	2011	Toyota	Tacoma	2.7	BTYXT02.7AEP	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411334	ALL
2943	2011	Toyota	Tacoma	2.7	BTYXT02.7AEP	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411334	ALL
2944	2011	Toyota	Tacoma	2.7	BTYXT02.7AEP	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411335	ALL
2945	2011	Toyota	Tacoma	2.7	BTYXT02.7AEH	LEV2 LEV	LDT1	S	TWC(2)	2	1	F	UNIVERSAL	5411335	ALL
2946	2011	Toyota	Tacoma	2.7	BTYXT02.7AEH	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2947	2011	Toyota	Tacoma	2.7	BTYXT02.7AEP	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421205	ALL
2948	2011	Toyota	Tacoma	2.7	BTYXT02.7AEP	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2949	2011	Toyota	Tacoma	2.7	BTYXT02.7AEH	LEV2 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	5421206	ALL
2950	2011	Toyota	Tacoma	2.7	BTYXT02.7AEH	LEV2 LEV	LDT1	S	TWC(2)	2	1	U	DIRECT FIT	5411028	ALL
2951	2011	Toyota	Tacoma	2.7	BTYXT02.7AEP	LEV2 LEV	LDT1	S	TWC(2)	2	1	U	DIRECT FIT	5411028	ALL
2952	2012	Toyota	Tacoma	2.7	CTYXT02.7AEP	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411334	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2953	2012	Toyota	Tacoma	2.7	CTYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411334	ALL
2954	2012	Toyota	Tacoma	2.7	CTYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411335	ALL
2955	2012	Toyota	Tacoma	2.7	CTYXT02.7AEP	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	F	UNIVERSAL	5411335	ALL
2956	2012	Toyota	Tacoma	2.7	CTYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2957	2012	Toyota	Tacoma	2.7	CTYXT02.7AEP	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421205	ALL
2958	2012	Toyota	Tacoma	2.7	CTYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2959	2012	Toyota	Tacoma	2.7	CTYXT02.7AEP	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	5421206	ALL
2960	2012	Toyota	Tacoma	2.7	CTYXT02.7AEP	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411028	ALL
2961	2012	Toyota	Tacoma	2.7	CTYXT02.7AEH	LEV2 LEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	5411028	ALL
2962	2006	Volkswagen	Passat	3.6	6VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411205	ALL
2963	2006	Volkswagen	Passat	3.6	6VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411205	ALL
2964	2006	Volkswagen	Passat	3.6	6VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2965	2006	Volkswagen	Passat	3.6	6VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2966	2006	Volkswagen	Passat	3.6	6VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2967	2006	Volkswagen	Passat	3.6	6VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2968	2006	Volkswagen	Passat	3.6	6VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2969	2006	Volkswagen	Passat	3.6	6VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2970	2006	Volkswagen	Passat	3.6	6VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5411799	ALL
2971	2006	Volkswagen	Phaeton	6	6VWXV06.0261	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FL	DIRECT FIT	5411221	ALL
2972	2006	Volkswagen	Phaeton	6	6VWXV06.0261	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	FR	DIRECT FIT	5411218	ALL
2973	2006	Volkswagen	Phaeton	6	6VWXV06.0261	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	ML	DIRECT FIT	5411220	ALL
2974	2006	Volkswagen	Phaeton	6	6VWXV06.0261	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	MR	DIRECT FIT	5411219	ALL
2975	2006	Volkswagen	Phaeton	6	6VWXV06.0261	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421204	ALL
2976	2006	Volkswagen	Phaeton	6	6VWXV06.0261	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	UNIVERSAL	5421205	ALL
2977	2006	Volkswagen	Phaeton	6	6VWXV06.0261	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RL	DIRECT FIT	5421223	ALL
2978	2006	Volkswagen	Phaeton	6	6VWXV06.0261	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421204	ALL
2979	2006	Volkswagen	Phaeton	6	6VWXV06.0261	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	UNIVERSAL	5421205	ALL
2980	2006	Volkswagen	Phaeton	6	6VWXV06.0261	LEV2 LEV	PC	D	4WU-TWC,2TWC	6	4	RR	DIRECT FIT	5421222	ALL
2981	2007	Volkswagen	Passat	3.6	7VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411205	ALL
2982	2007	Volkswagen	Passat	3.6	7VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411205	ALL
2983	2007	Volkswagen	Passat	3.6	7VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2984	2007	Volkswagen	Passat	3.6	7VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL
2985	2007	Volkswagen	Passat	3.6	7VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2986	2007	Volkswagen	Passat	3.6	7VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2987	2007	Volkswagen	Passat	3.6	7VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2988	2007	Volkswagen	Passat	3.6	7VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2989	2007	Volkswagen	Passat	3.6	7VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5411799	ALL
2990	2008	Volkswagen	Passat	3.6	8VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	UNIVERSAL	5411205	ALL
2991	2008	Volkswagen	Passat	3.6	8VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	UNIVERSAL	5411205	ALL
2992	2008	Volkswagen	Passat	3.6	8VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421204	ALL
2993	2008	Volkswagen	Passat	3.6	8VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421205	ALL

Appendix D-193-147

Car Sound Exhaust Systems, Inc. 5411000 / 5421000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2994	2008	Volkswagen	Passat	3.6	8VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	5421206	ALL
2995	2008	Volkswagen	Passat	3.6	8VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421204	ALL
2996	2008	Volkswagen	Passat	3.6	8VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421205	ALL
2997	2008	Volkswagen	Passat	3.6	8VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	5421206	ALL
2998	2008	Volkswagen	Passat	3.6	8VWXV03.6246	LEV2 LEV	PC	D	2WU-TWC,2TWC	4	2	U	DIRECT FIT	5411799	ALL