

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-193-122  
Relating to Exemptions under Sections 27156 and 38391  
of the Vehicle Code

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

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

WHEREAS, Car Sound Exhaust Systems, Inc. of 22961 Arroyo Vista, Rancho Santa Margarita, California 92688 has applied to ARB for exemption from the prohibitions in VC Sections 27156 and 38391 to market its series 452000 and 457000 new aftermarket three-way catalytic converters (TWC) on various 1995 through 2006 model-year passenger cars (PC) and light-duty trucks [0-3,750 lbs. LVW] LDT1 equipped with manifold catalytic converters and on-board diagnostic II (OBD II) system. Series 452000 TWC will only be sold as a direct fit manifold and converter assembly. Series 457000 TWC will be sold as a direct fit or a universal part. The applicable vehicles are listed in Appendix D-193-122 and incorporated herein.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code (HSC) Section 39515 and in the Chief of the Emissions Compliance, Automotive Regulations and Science Division by HSC Section 39516 and Executive Order G-14-012, ARB finds that the above aftermarket catalytic converters comply with VC Sections 27156 and 38395 and 13 CCR Section 2222(h). Emission performance of the catalytic converter was based on durability bench-aging by Southwest Research Institute using the ARB-modified RAT-A bench-aging cycle for 75 hours as specified in Appendix A to the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007 (Converter Evaluation Procedures).

WHEREAS, emissions and OBD II compatibility tests conducted by Car Sound Exhaust Systems, Inc. using a 2000 model-year 2.8 liter BMW 328Ci (LEV PC, YBMXV02.8LEV) with series 452000 TWC showed that the vehicle met the applicable emission standards and that series 452000 TWC did not falsely cause the malfunction indicator light to illuminate. Federal test procedure emission standards and test results in grams per mile are shown below:

	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>
PC 100K LEV standards	0.090	4.2	0.3
Series 452000 test 1	0.087	2.3	0.1
Series 452000 test 2	0.077	2.9	0.2

WHEREAS, Car Sound Exhaust Systems, Inc. conducted proper malfunction indicator light illumination demonstration with series 452000 TWC on the same 2000

model-year 2.8 liter BMW 328Ci and demonstrated compliance with the requirements in Section (e)(5)(B) of Converter Evaluation Procedures.

WHEREAS, previous emissions and OBD II compatibility tests conducted by Car Sound Exhaust Systems, Inc. using a vehicle of weight classification and exhaust configuration similar to those listed in Appendix D-193-122 showed compliance with ultra-low emission vehicle (ULEV) emission standards and proper malfunction indicator light illumination requirement and resulted in the issuance of Executive Orders D-193-108 and D-193-116.

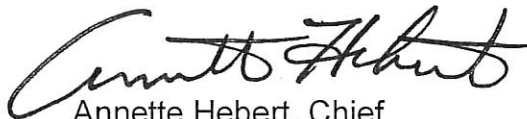
THEREFORE, IT IS HEREBY RESOLVED that Car Sound Exhaust Systems, Inc.'s series 452000 and 457000 TWCs are exempted from the prohibitions in VC Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-193-122 subject to the following conditions:

1. No changes are permitted to the catalytic converter as described in the application for exemption. Any changes to the catalytic converter or any of its components and other factors addressed in this Executive Order must be evaluated and approved by ARB prior to marketing in California.
2. Marketing of the catalytic converter using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converter for applications other than the ones shown in this Executive Order shall be prohibited unless prior approval is obtained from ARB. Exemption of this product shall not be construed as an exemption to sell, offer for sale, or advertise any components of the catalytic converter as individual devices.
3. Any oral or written references to this Executive Order or its content by Car Sound Exhaust Systems, Inc., its principals, agents, employees, distributors, dealers, or other representatives must include the disclaimer that the Executive Order or the exemption it provides is not an endorsement or approval of any emission reduction claims for the catalytic converter and is only a finding that the catalytic converter is exempt from the prohibitions in VC Sections 27156 and 38391.
4. Car Sound Exhaust Systems, Inc.'s installation instructions for the new catalytic converter must conform to requirements in Section (h) of the Converter Evaluation Procedures.
5. Installation of the catalytic converter shall not cause the relocation of any air fuel ratio or oxygen sensors. Air fuel ratio and oxygen sensors must be installed in the same location, position and orientation as prescribed in the original equipment manufacturer's configurations.
6. Upon installation, the catalytic converter must carry a manufacturer's warranty for five (5) years or 50,000 miles as prescribed in Section (f)(2) of the Converter Evaluation Procedures.

7. Car Sound Exhaust Systems, Inc. and its vendors may not advertise the new aftermarket catalytic converter as a "high flow" or "easy flow" catalytic converter or use any phrase that could make it appear to perform better than the original equipment manufacturer catalytic converter.
8. Any marketing arrangement of the new aftermarket catalytic converter by a third party, which involves the use of packaging identification different from the ones described in this Executive Order, must be approved by ARB prior to shipment.
9. Car Sound Exhaust Systems, Inc., its associates, vendors, other businesses and individuals associated with Car Sound Exhaust Systems, Inc. may not sell or supply new aftermarket catalytic converter substrates to a third party to be assembled in a different facility and marketed under this Executive Order without approval from ARB.
10. Car Sound Exhaust Systems, Inc. shall comply with the quality control procedures and reporting requirements in Section (f)(5) of the Converter Evaluation Procedures.
11. Quality control reports must be submitted on a quarterly basis and warranty information reports on a semi-annual basis.
12. Car Sound Exhaust Systems, Inc. must provide a permanent label or stamp as specified under Section (f)(1) of the Converter Evaluation Procedures.
13. Car Sound Exhaust Systems, Inc.'s vehicle application catalog must conform to the requirements specified under Section (f)(4) of the Converter Evaluation Procedures.

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

Executed at El Monte, California, this 18 day of February 2015.



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

## Appendix D-193-122

## Car Sound Exhaust Systems, Inc. 452000 / 457000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1	1995	Acura	TL	2.5	SHN2.5VJGKEK	TIER1	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452383	ALL
2	1995	Acura	TL	2.5	SHN2.5VJGKEK	TIER1	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
3	1996	Acura	TL	2.5	THN2.5VJGKEK	TIER1	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452383	ALL
4	1996	Acura	TL	2.5	THN2.5VJGKEK	TIER1	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
5	1997	Acura	TL	2.5	VHN2.5VJGKEK	TIER1	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452383	ALL
6	1997	Acura	TL	2.5	VHN2.5VJGKEK	TIER1	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
7	1998	Acura	TL	2.5	WHNXV02.5GA1	TIER1	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452383	ALL
8	1998	Acura	TL	2.5	WHNXV02.5GA1	TIER1	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
9	1999	BMW	323i	2.5	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
10	1999	BMW	323i	2.5	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
11	1999	BMW	328i	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
12	1999	BMW	328i	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
13	1999	BMW	528i	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
14	1999	BMW	528i	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452465	ALL
15	1999	BMW	528i	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
16	1999	BMW	528i	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452466	ALL
17	1999	BMW	540i	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
18	1999	BMW	540i	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
19	1999	BMW	540i	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	457035	ALL
20	1999	BMW	540i	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	457036	ALL
21	1999	BMW	740i	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
22	1999	BMW	740i	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
23	1999	BMW	740iL	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
24	1999	BMW	740iL	4.4	XBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
25	1999	BMW	Z3	2.5	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
26	1999	BMW	Z3	2.5	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452465	ALL
27	1999	BMW	Z3	2.5	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
28	1999	BMW	Z3	2.5	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452466	ALL
29	1999	BMW	Z3	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
30	1999	BMW	Z3	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452465	ALL
31	1999	BMW	Z3	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
32	1999	BMW	Z3	2.8	XBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452466	ALL
33	2000	BMW	323Ci	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
34	2000	BMW	323Ci	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
35	2000	BMW	323i	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
36	2000	BMW	323i	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
37	2000	BMW	328Ci	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
38	2000	BMW	328Ci	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
39	2000	BMW	328i	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
40	2000	BMW	328i	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
41	2000	BMW	528i	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
42	2000	BMW	528i	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452465	ALL
43	2000	BMW	528i	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL

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## Car Sound Exhaust Systems, Inc. 452000 / 457000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
44	2000	BMW	528i	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452466	ALL
45	2000	BMW	540i	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
46	2000	BMW	540i	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
47	2000	BMW	540i	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	RR	DIRECT FIT	457035	ALL
48	2000	BMW	540i	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	RL	DIRECT FIT	457036	ALL
49	2000	BMW	740i	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
50	2000	BMW	740i	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
51	2000	BMW	740iL	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
52	2000	BMW	740iL	4.4	YBMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
53	2000	BMW	Z3	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
54	2000	BMW	Z3	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452465	ALL
55	2000	BMW	Z3	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
56	2000	BMW	Z3	2.5	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452466	ALL
57	2000	BMW	Z3	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452175	ALL
58	2000	BMW	Z3	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452465	ALL
59	2000	BMW	Z3	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452176	ALL
60	2000	BMW	Z3	2.8	YBMXV02.8LEV	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452466	ALL
61	2001	BMW	325Ci	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
62	2001	BMW	325Ci	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
63	2001	BMW	325i	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
64	2001	BMW	325i	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
65	2001	BMW	325xi	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
66	2001	BMW	325xi	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
67	2001	BMW	330Ci	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
68	2001	BMW	330Ci	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
69	2001	BMW	330i	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
70	2001	BMW	330i	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
71	2001	BMW	525i	2.5	1BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
72	2001	BMW	525i	2.5	1BMXV02.5M54	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
73	2001	BMW	525i	2.5	1BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
74	2001	BMW	525i	2.5	1BMXV02.5M54	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
75	2001	BMW	530i	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
76	2001	BMW	530i	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
77	2001	BMW	540i	4.4	1BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
78	2001	BMW	540i	4.4	1BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
79	2001	BMW	740i	4.4	1BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
80	2001	BMW	740i	4.4	1BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
81	2001	BMW	740iL	4.4	1BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
82	2001	BMW	740iL	4.4	1BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
83	2001	BMW	Z3	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
84	2001	BMW	Z3	2.5	1BMXV02.5M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
85	2001	BMW	Z3	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
86	2001	BMW	Z3	3	1BMXV03.0M54	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL

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## Car Sound Exhaust Systems, Inc. 452000 / 457000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
87	2002	BMW	325Ci	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
88	2002	BMW	325Ci	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
89	2002	BMW	325i	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
90	2002	BMW	325i	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
91	2002	BMW	325xi	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
92	2002	BMW	325xi	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
93	2002	BMW	330Ci	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
94	2002	BMW	330Ci	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
95	2002	BMW	330i	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
96	2002	BMW	330i	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
97	2002	BMW	525i	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
98	2002	BMW	525i	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
99	2002	BMW	530i	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
100	2002	BMW	530i	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
101	2002	BMW	540i	4.4	2BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
102	2002	BMW	540i	4.4	2BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
103	2002	BMW	Z3	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
104	2002	BMW	Z3	2.5	2BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
105	2002	BMW	Z3	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
106	2002	BMW	Z3	3	2BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
107	2003	BMW	325Ci	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
108	2003	BMW	325Ci	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
109	2003	BMW	325i	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
110	2003	BMW	325i	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
111	2003	BMW	325xi	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
112	2003	BMW	325xi	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
113	2003	BMW	330Ci	3	3BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
114	2003	BMW	330Ci	3	3BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
115	2003	BMW	330i	3	3BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
116	2003	BMW	330i	3	3BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
117	2003	BMW	525i	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
118	2003	BMW	525i	2.5	3BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
119	2003	BMW	530i	3	3BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452430	ALL
120	2003	BMW	530i	3	3BMXV03.0M5R	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452431	ALL
121	2003	BMW	540i	4.4	3BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452450	ALL
122	2003	BMW	540i	4.4	3BMXV04.4LEV	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452451	ALL
123	2004	BMW	325Ci	2.5	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
124	2004	BMW	325Ci	2.5	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
125	2004	BMW	325i	2.5	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
126	2004	BMW	325i	2.5	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
127	2004	BMW	325xi	2.5	4BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
128	2004	BMW	325xi	2.5	4BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
129	2004	BMW	330Ci	3	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
130	2004	BMW	330Ci	3	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
131	2004	BMW	330i	3	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
132	2004	BMW	330i	3	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
133	2004	BMW	525i	2.5	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452297	ALL
134	2004	BMW	525i	2.5	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452298	ALL
135	2004	BMW	530i	3	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452297	ALL
136	2004	BMW	530i	3	4BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452298	ALL
137	2004	BMW	545i	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
138	2004	BMW	545i	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
139	2004	BMW	645Ci	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
140	2004	BMW	645Ci	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
141	2004	BMW	745i	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
142	2004	BMW	745i	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
143	2004	BMW	745Li	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
144	2004	BMW	745Li	4.4	4BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
145	2005	BMW	325Ci	2.5	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
146	2005	BMW	325Ci	2.5	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
147	2005	BMW	325i	2.5	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
148	2005	BMW	325i	2.5	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
149	2005	BMW	325xi	2.5	5BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
150	2005	BMW	325xi	2.5	5BMXV03.0LER	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
151	2005	BMW	330Ci	3	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
152	2005	BMW	330Ci	3	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
153	2005	BMW	330i	3	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452287	ALL
154	2005	BMW	330i	3	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452288	ALL
155	2005	BMW	525i	2.5	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452297	ALL
156	2005	BMW	525i	2.5	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452298	ALL
157	2005	BMW	530i	3	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452297	ALL
158	2005	BMW	530i	3	5BMXV03.0SMG	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452298	ALL
159	2005	BMW	545i	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
160	2005	BMW	545i	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
161	2005	BMW	645Ci	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
162	2005	BMW	645Ci	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
163	2005	BMW	745i	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
164	2005	BMW	745i	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
165	2005	BMW	745Li	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452789	ALL
166	2005	BMW	745Li	4.4	5BMXV04.4LEV	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452790	ALL
167	2001	Chevrolet	Tracker	2.5	1SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
168	2001	Chevrolet	Tracker	2.5	1SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
169	2001	Chevrolet	Tracker	2.5	1SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
170	2002	Chevrolet	Tracker	2.5	2SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
171	2002	Chevrolet	Tracker	2.5	2SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
172	2002	Chevrolet	Tracker	2.5	2SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
173	2003	Chevrolet	Tracker	2.5	3SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
174	2003	Chevrolet	Tracker	2.5	3SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
175	2003	Chevrolet	Tracker	2.5	3SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
176	2004	Chevrolet	Aveo	1.6	4GD XV01.6D02	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452338	ALL
177	2004	Chevrolet	Aveo	1.6	4GD XV01.6D02	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
178	2004	Chevrolet	Classic	2.2	4GMXV02.2027	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452304	ALL
179	2004	Chevrolet	Malibu	2.2	4GMXV02.2028	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452304	ALL
180	2004	Chevrolet	Tracker	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
181	2004	Chevrolet	Tracker	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
182	2004	Chevrolet	Tracker	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
183	2005	Chevrolet	Aveo	1.6	5GD XV01.6D02	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452338	ALL
184	2005	Chevrolet	Classic	2.2	5GMXV02.2027	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452304	ALL
185	2005	Chevrolet	Malibu	2.2	5GMXV02.2028	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452304	ALL
186	2001	Chrysler	Sebring	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL
187	2001	Chrysler	Sebring	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
188	2001	Chrysler	Sebring	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
189	2001	Chrysler	Sebring	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
190	2001	Chrysler	Sebring	2.7	1CRXV03.5VD0	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
191	2001	Chrysler	Sebring	2.7	1CRXV03.5VD0	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
192	2002	Chrysler	Sebring	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
193	2002	Chrysler	Sebring	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
194	2002	Chrysler	Sebring	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
195	2002	Chrysler	Sebring	2.7	2CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
196	2002	Chrysler	Sebring	2.7	2CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
197	2003	Chrysler	Sebring	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
198	2003	Chrysler	Sebring	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
199	2003	Chrysler	Sebring	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
200	2003	Chrysler	Sebring	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
201	2003	Chrysler	Sebring	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
202	2003	Chrysler	Sebring	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
203	2003	Chrysler	Sebring	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
204	2003	Chrysler	Sebring	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
205	2003	Chrysler	Sebring	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
206	2003	Chrysler	Sebring	2.7	3CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
207	2003	Chrysler	Sebring	2.7	3CRXV02.7VDP	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
208	2003	Chrysler	Sebring	2.7	3CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
209	2003	Chrysler	Sebring	2.7	3CRXV02.7VDP	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
210	2004	Chrysler	Sebring	2.4	4DSXV02.4GGB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
211	2004	Chrysler	Sebring	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
212	2004	Chrysler	Sebring	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
213	2004	Chrysler	Sebring	2.4	4DSXV02.4GGB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
214	2004	Chrysler	Sebring	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
215	2004	Chrysler	Sebring	2.4	4DSXV02.4GGB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL



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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
216	2004	Chrysler	Sebring	2.7	4CRXV02.7VH0	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
217	2004	Chrysler	Sebring	2.7	4CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
218	2004	Chrysler	Sebring	2.7	4CRXV02.7VH0	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
219	2004	Chrysler	Sebring	2.7	4CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
220	2005	Chrysler	Sebring	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
221	2005	Chrysler	Sebring	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
222	2005	Chrysler	Sebring	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
223	2005	Chrysler	Sebring	2.7	5CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
224	2005	Chrysler	Sebring	2.7	5CRXV02.7VE0	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
225	2005	Chrysler	Sebring	2.7	5CRXV02.7VE0	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
226	2005	Chrysler	Sebring	2.7	5CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
227	2000	Dodge	Neon	2	YCRXV0122V41	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452651	ALL
228	2000	Dodge	Neon	2	YCRXV0122V41	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
229	2001	Dodge	Neon	2	1CRXV0122V40	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452651	ALL
230	2001	Dodge	Stratus	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL
231	2001	Dodge	Stratus	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
232	2001	Dodge	Stratus	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
233	2001	Dodge	Stratus	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
234	2001	Dodge	Stratus	2.7	1CRXV03.5VD0	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
235	2001	Dodge	Stratus	2.7	1CRXV03.5VD0	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
236	2002	Dodge	Stratus	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
237	2002	Dodge	Stratus	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
238	2002	Dodge	Stratus	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
239	2002	Dodge	Stratus	2.7	2CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
240	2002	Dodge	Stratus	2.7	2CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
241	2003	Dodge	Stratus	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
242	2003	Dodge	Stratus	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
243	2003	Dodge	Stratus	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
244	2003	Dodge	Stratus	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
245	2003	Dodge	Stratus	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
246	2003	Dodge	Stratus	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
247	2003	Dodge	Stratus	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
248	2003	Dodge	Stratus	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
249	2003	Dodge	Stratus	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
250	2003	Dodge	Stratus	2.7	3CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
251	2003	Dodge	Stratus	2.7	3CRXV02.7VDP	LEV1 LEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
252	2003	Dodge	Stratus	2.7	3CRXV02.7VDP	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
253	2003	Dodge	Stratus	2.7	3CRXV02.7VD0	LEV1 LEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
254	2004	Dodge	Stratus	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
255	2004	Dodge	Stratus	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
256	2004	Dodge	Stratus	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
257	2004	Dodge	Stratus	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
258	2004	Dodge	Stratus	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
259	2004	Dodge	Stratus	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
260	2004	Dodge	Stratus	2.7	4CRXV02.7VHO	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
261	2004	Dodge	Stratus	2.7	4CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
262	2004	Dodge	Stratus	2.7	4CRXV02.7VHO	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
263	2004	Dodge	Stratus	2.7	4CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
264	2005	Dodge	Stratus	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
265	2005	Dodge	Stratus	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457019	ALL
266	2005	Dodge	Stratus	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457056	ALL
267	2005	Dodge	Stratus	2.7	5CRXV02.7VEO	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
268	2005	Dodge	Stratus	2.7	5CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	F	DIRECT FIT	452214	ALL
269	2005	Dodge	Stratus	2.7	5CRXV02.7VHP	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
270	2005	Dodge	Stratus	2.7	5CRXV02.7VEO	LEV1 ULEV	PC	D	2TWC	2	2	R	DIRECT FIT	452215	ALL
271	1996	Ford	Contour	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
272	1996	Ford	Contour	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457027	ALL
273	1996	Ford	Contour	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
274	1997	Ford	Contour	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
275	1997	Ford	Contour	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
276	1997	Ford	Contour	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457027	ALL
277	1997	Ford	Contour	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
278	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
279	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL
280	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
281	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
282	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
283	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457029	ALL
284	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
285	1998	Ford	Contour	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
286	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
287	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL
288	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
289	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
290	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
291	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457029	ALL
292	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
293	1999	Ford	Contour	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
294	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
295	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL
296	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
297	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
298	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
299	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457029	ALL
300	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
301	2000	Ford	Contour	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
302	2001	Ford	Escape	2	1FMXT02.01F5	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
303	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
304	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452031	ALL
305	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
306	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
307	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452032	ALL
308	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	ALL
309	2001	Ford	Escape	3	1FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
310	2002	Ford	Escape	2	2FMXT02.01F5	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
311	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
312	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
313	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452031	ALL
314	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452031	ALL
315	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
316	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
317	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
318	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
319	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452032	ALL
320	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452032	ALL
321	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	ALL
322	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	ALL
323	2002	Ford	Escape	3	2FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
324	2002	Ford	Escape	3	2FMXT03.01F6	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
325	2003	Ford	Escape	2	3FMXT02.01F5	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
326	2003	Ford	Escape	3	3FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	FWD
327	2003	Ford	Escape	3	3FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
328	2003	Ford	Escape	3	3FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
329	2003	Ford	Escape	3	3FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	FWD
330	2003	Ford	Escape	3	3FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	FWD
331	2003	Ford	Escape	3	3FMXT03.01F7	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
332	2004	Ford	Escape	2	4FMXT02.01F5	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
333	2004	Ford	Escape	3	4FMXT03.01FE	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
334	2004	Ford	Escape	3	4FMXT03.01FE	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
335	2004	Ford	Escape	3	4FMXT03.01FE	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
336	2004	Ford	Escape	3	4FMXT03.01FE	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	FWD
337	2004	Ford	Escape	3	4FMXT03.01FE	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	FWD
338	2004	Ford	Escape	3	4FMXT03.01FE	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
339	2004	Ford	Taurus	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452925	ALL
340	2004	Ford	Taurus	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452045	ALL
341	2004	Ford	Taurus	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457105	ALL
342	2004	Ford	Taurus	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457207	ALL
343	2005	Ford	Escape	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	FWD
344	2005	Ford	Escape	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
345	2005	Ford	Escape	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
346	2005	Ford	Escape	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457010	FWD
347	2005	Ford	Escape	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
348	2005	Ford	Escape	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	FWD
349	2005	Ford	Taurus	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452925	ALL
350	2005	Ford	Taurus	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452045	ALL
351	2005	Ford	Taurus	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457105	ALL
352	2005	Ford	Taurus	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457207	ALL
353	2006	Ford	Fusion	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452011	ALL
354	2006	Ford	Fusion	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452012	ALL
355	2006	Ford	Fusion	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457018	ALL
356	2006	Ford	Fusion	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
357	2003	Honda	Civic	1.3	3HNXV01.34A5	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452315	ALL
358	2003	Honda	Civic	1.3	3HNXV01.34A5	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
359	2004	Honda	Civic	1.3	4HNXV01.35A6	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452315	ALL
360	2004	Honda	Civic	1.3	4HNXV01.35A6	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
361	1997	Hyundai	Accent	1.5	VHY1.5VJG1EK	TIER1	PC	S	TWC	2	1	F	DIRECT FIT	452842	ALL
362	1997	Hyundai	Accent	1.5	VHY1.5VJG2EK	TLEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452842	ALL
363	1997	Hyundai	Accent	1.5	VHY1.5VJG2EK	TLEV	PC	S	TWC(2)	2	1	F	UNIVERSAL	457104	ALL
364	1998	Hyundai	Accent	1.5	WHYXV01.52GM	TLEV	PC	S	TWC	2	1	F	DIRECT FIT	452842	ALL
365	1998	Hyundai	Elantra	1.8	WHYXV01.82GM	TLEV	PC	S	TWC	1	1	F	DIRECT FIT	452037	ALL
366	1998	Hyundai	Tiburon	2	WHYXV02.02GM	TLEV	PC	S	TWC	1	1	F	DIRECT FIT	452037	ALL
367	1999	Hyundai	Accent	1.5	XHYXV01.52XC	TLEV	PC	S	TWC	2	1	F	DIRECT FIT	452842	ALL
368	1999	Hyundai	Elantra	2	XHYXV02.03RC	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452037	ALL
369	1999	Hyundai	Elantra	2	XHYXV02.03RC	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
370	1999	Hyundai	Sonata	2.4	XHYXV02.42EC	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
371	1999	Hyundai	Sonata	2.4	XHYXV02.42EC	TLEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457026	ALL
372	1999	Hyundai	Sonata	2.4	XHYXV02.42EC	TLEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
373	1999	Hyundai	Sonata	2.5	XHYXV02.52ES	TLEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
374	1999	Hyundai	Sonata	2.5	XHYXV02.52ES	TLEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
375	1999	Hyundai	Sonata	2.5	XHYXV02.52ES	TLEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
376	1999	Hyundai	Tiburon	2	XHYXV02.03RC	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452037	ALL
377	2000	Hyundai	Elantra	2	YHYXV02.0G3S	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452037	ALL
378	2000	Hyundai	Elantra	2	YHYXV02.0G3S	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
379	2000	Hyundai	Sonata	2.4	YHYXV02.4G2C	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
380	2000	Hyundai	Sonata	2.4	YHYXV02.4G2C	TLEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457026	ALL
381	2000	Hyundai	Sonata	2.4	YHYXV02.4G2C	TLEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
382	2000	Hyundai	Sonata	2.5	YHYXV02.5G2S	TLEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
383	2000	Hyundai	Sonata	2.5	YHYXV02.5G2S	TLEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
384	2000	Hyundai	Sonata	2.5	YHYXV02.5G2S	TLEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
385	2000	Hyundai	Tiburon	2	YHYXV02.0G3S	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452037	ALL
386	2001	Hyundai	Accent	1.6	1HYXV01.6B3S	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452033	ALL
387	2001	Hyundai	Elantra	2	1HYXV02.0X4C	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
388	2001	Hyundai	Elantra	2	1HYXV02.0X4C	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
389	2001	Hyundai	Sonata	2.4	1HYXV02.4E2S	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
390	2001	Hyundai	Sonata	2.4	1HYXV02.4E2S	TLEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457026	ALL
391	2001	Hyundai	Sonata	2.4	1HYXV02.4E2S	TLEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
392	2001	Hyundai	Sonata	2.5	1HYXV02.5F2S	TLEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
393	2001	Hyundai	Sonata	2.5	1HYXV02.5F2S	TLEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
394	2001	Hyundai	Sonata	2.5	1HYXV02.5F2S	TLEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
395	2001	Hyundai	Tiburon	2	1HYXV02.0R3S	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452037	ALL
396	2002	Hyundai	Accent	1.6	2HYXV01.6BLS	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452033	ALL
397	2002	Hyundai	Elantra	2	2HYXV02.0XUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL
398	2002	Hyundai	Elantra	2	2HYXV02.0XUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
399	2002	Hyundai	Sonata	2.4	2HYXV02.4ELS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
400	2002	Hyundai	Sonata	2.4	2HYXV02.4ELS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
401	2002	Hyundai	Sonata	2.4	2HYXV02.4ELS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
402	2002	Hyundai	Sonata	2.7	2HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
403	2002	Hyundai	Sonata	2.7	2HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
404	2002	Hyundai	Sonata	2.7	2HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
405	2002	Hyundai	Sonata	2.7	2HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
406	2002	Hyundai	Sonata	2.7	2HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
407	2002	Hyundai	XG350	3.5	2HYXV03.5GLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452160	ALL
408	2002	Hyundai	XG350	3.5	2HYXV03.5GLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452200	ALL
409	2002	Hyundai	XG350	3.5	2HYXV03.5GLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457204	ALL
410	2003	Hyundai	Accent	1.6	3HYXV01.6BLS	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452033	ALL
411	2003	Hyundai	Elantra	2	3HYXV02.0CUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452035	ALL
412	2003	Hyundai	Elantra	2	2HYXV02.0XUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL
413	2003	Hyundai	Elantra	2	3HYXV02.0CUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457000	ALL
414	2003	Hyundai	Elantra	2	2HYXV02.0XUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
415	2003	Hyundai	Elantra	2	3HYXV02.0CUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457304	ALL
416	2003	Hyundai	Sonata	2.4	3HYXV02.4ELS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
417	2003	Hyundai	Sonata	2.4	3HYXV02.4ELS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
418	2003	Hyundai	Sonata	2.4	3HYXV02.4ELS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
419	2003	Hyundai	Sonata	2.7	3HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
420	2003	Hyundai	Sonata	2.7	3HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
421	2003	Hyundai	Sonata	2.7	3HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
422	2003	Hyundai	Sonata	2.7	3HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
423	2003	Hyundai	Sonata	2.7	3HYXV02.7FLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
424	2003	Hyundai	Tiburon	2	3HYXV02.0CUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL
425	2003	Hyundai	Tiburon	2	3HYXV02.0CUC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457000	ALL
426	2003	Hyundai	Tiburon	2.7	3HYXV02.7KLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
427	2003	Hyundai	Tiburon	2.7	3HYXV02.7KLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
428	2003	Hyundai	Tiburon	2.7	3HYXV02.7KLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
429	2003	Hyundai	Tiburon	2.7	3HYXV02.7KLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
430	2003	Hyundai	XG350	3.5	3HYXV03.5GLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452160	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
431	2003	Hyundai	XG350	3.5	3HYXV03.5GLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452200	ALL
432	2003	Hyundai	XG350	3.5	3HYXV03.5GLS	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457204	ALL
433	2004	Hyundai	Accent	1.6	4HYXV01.6BL9	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452033	ALL
434	2004	Hyundai	Sonata	2.4	4HYXV02.4EL9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
435	2004	Hyundai	Sonata	2.4	4HYXV02.4EL9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
436	2004	Hyundai	Sonata	2.4	4HYXV02.4EL9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
437	2004	Hyundai	Sonata	2.7	4HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
438	2004	Hyundai	Sonata	2.7	4HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
439	2004	Hyundai	Sonata	2.7	4HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
440	2004	Hyundai	Sonata	2.7	4HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
441	2004	Hyundai	Sonata	2.7	4HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
442	2004	Hyundai	Tiburon	2	4HYXV02.0CU9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL
443	2004	Hyundai	Tiburon	2	4HYXV02.0CU9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457000	ALL
444	2004	Hyundai	Tiburon	2.7	4HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
445	2004	Hyundai	Tiburon	2.7	4HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
446	2004	Hyundai	Tiburon	2.7	4HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
447	2004	Hyundai	Tiburon	2.7	4HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
448	2005	Hyundai	Accent	1.6	5HYXV01.6BL9	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452033	ALL
449	2005	Hyundai	Sonata	2.4	5HYXV02.4EL9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
450	2005	Hyundai	Sonata	2.4	5HYXV02.4EL9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
451	2005	Hyundai	Sonata	2.4	5HYXV02.4EL9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
452	2005	Hyundai	Sonata	2.7	5HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
453	2005	Hyundai	Sonata	2.7	5HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
454	2005	Hyundai	Sonata	2.7	5HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
455	2005	Hyundai	Sonata	2.7	5HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
456	2005	Hyundai	Sonata	2.7	5HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
457	2005	Hyundai	Sonata	2.7	5HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
458	2005	Hyundai	Tiburon	2	5HYXV02.0CU9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL
459	2005	Hyundai	Tiburon	2	5HYXV02.0CU9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457000	ALL
460	2005	Hyundai	Tiburon	2.7	5HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
461	2005	Hyundai	Tiburon	2.7	5HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
462	2005	Hyundai	Tiburon	2.7	5HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
463	2005	Hyundai	Tiburon	2.7	5HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
464	2005	Hyundai	Tiburon	2.7	5HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
465	2005	Hyundai	Tiburon	2.7	5HYXV02.7FL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
466	2006	Hyundai	Tiburon	2	6HYXV02.0CU9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452038	ALL
467	2006	Hyundai	Tiburon	2	6HYXV02.0CU9	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457000	ALL
468	2006	Hyundai	Tiburon	2.7	6HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
469	2006	Hyundai	Tiburon	2.7	6HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
470	2006	Hyundai	Tiburon	2.7	6HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
471	2006	Hyundai	Tiburon	2.7	6HYXV02.7KL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
472	2000	Infiniti	I30	3	YNSXV03.036A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452231	ALL
473	2000	Infiniti	I30	3	YNSXV03.036A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452405	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
474	2000	Infiniti	I30	3	YNSXV03.036A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
475	2001	Infiniti	I30	3	1NSXV03.0C6A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452231	ALL
476	2001	Infiniti	I30	3	1NSXV03.0C6A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452405	ALL
477	2001	Infiniti	I30	3	1NSXV03.0C6A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
478	1998	Kia	Sephia	1.8	WKMXV01.8A01	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
479	1998	Kia	Sephia	1.8	WKMXV01.8A01	TLEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
480	1999	Kia	Sephia	1.8	XKMXV01.8A02	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
481	1999	Kia	Sephia	1.8	XKMXV01.8A02	TLEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
482	2000	Kia	Sephia	1.8	YKMXV01.8A03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
483	2000	Kia	Sephia	1.8	YKMXV01.8A03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
484	2000	Kia	Spectra	1.8	YKMXV01.8A03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
485	2000	Kia	Spectra	1.8	YKMXV01.8A03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
486	2001	Kia	Optima	2.4	1KMXV02.4D01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
487	2001	Kia	Optima	2.4	1KMXV02.4D01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
488	2001	Kia	Optima	2.4	1KMXV02.4D01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
489	2001	Kia	Optima	2.5	1KMXV02.5E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
490	2001	Kia	Optima	2.5	1KMXV02.5E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
491	2001	Kia	Optima	2.5	1KMXV02.5E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
492	2001	Kia	Rio	1.5	1KMXV01.5C01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452040	ALL
493	2001	Kia	Rio	1.5	1KMXV01.5C01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457012	ALL
494	2001	Kia	Rio	1.5	1KMXV01.5C01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
495	2001	Kia	Sephia	1.8	1KMXV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
496	2001	Kia	Sephia	1.8	1KMXV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
497	2001	Kia	Spectra	1.8	1KMXV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452039	ALL
498	2001	Kia	Spectra	1.8	1KMXV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
499	2001	Kia	Spectra	1.8	1KMXV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457011	ALL
500	2001	Kia	Spectra	1.8	1KMXV01.8A04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
501	2002	Kia	Optima	2.4	2KMXV02.4D02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
502	2002	Kia	Optima	2.4	2KMXV02.4D02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
503	2002	Kia	Optima	2.4	2KMXV02.4D02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
504	2002	Kia	Optima	2.7	2KMXV02.7E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
505	2002	Kia	Optima	2.7	2KMXV02.7E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
506	2002	Kia	Optima	2.7	2KMXV02.7E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
507	2002	Kia	Optima	2.7	2KMXV02.7E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
508	2002	Kia	Optima	2.7	2KMXV02.7E01	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
509	2002	Kia	Rio	1.5	2KMXV01.5C02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452040	ALL
510	2002	Kia	Rio	1.5	2KMXV01.5C02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457012	ALL
511	2002	Kia	Rio	1.5	2KMXV01.5C02	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
512	2002	Kia	Spectra	1.8	2KMXV01.8A05	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452039	ALL
513	2002	Kia	Spectra	1.8	2KMXV01.8A05	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
514	2002	Kia	Spectra	1.8	2KMXV01.8A05	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457011	ALL
515	2002	Kia	Spectra	1.8	2KMXV01.8A05	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
516	2003	Kia	Optima	2.4	3KMXV02.4D03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
517	2003	Kia	Optima	2.4	3KMXV02.4D03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
518	2003	Kia	Optima	2.4	3KMXV02.4D03	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
519	2003	Kia	Optima	2.7	3KMXV02.7E02	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
520	2003	Kia	Optima	2.7	3KMXV02.7E02	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
521	2003	Kia	Optima	2.7	3KMXV02.7E02	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
522	2003	Kia	Optima	2.7	3KMXV02.7E02	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
523	2003	Kia	Optima	2.7	3KMXV02.7E02	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
524	2003	Kia	Rio	1.6	3KMXV01.6C01	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452881	ALL
525	2003	Kia	Rio	1.6	3KMXV01.6C01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452040	ALL
526	2003	Kia	Rio	1.6	3KMXV01.6C01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457012	ALL
527	2003	Kia	Rio	1.6	3KMXV01.6C01	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
528	2003	Kia	Spectra	1.8	3KMXV01.8A06	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452039	ALL
529	2003	Kia	Spectra	1.8	3KMXV01.8A06	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
530	2003	Kia	Spectra	1.8	3KMXV01.8A06	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457011	ALL
531	2003	Kia	Spectra	1.8	3KMXV01.8A06	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
532	2004	Kia	Optima	2.4	4KMXV02.4D04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
533	2004	Kia	Optima	2.4	4KMXV02.4D04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
534	2004	Kia	Optima	2.4	4KMXV02.4D04	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
535	2004	Kia	Optima	2.7	4KMXV02.7E03	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
536	2004	Kia	Optima	2.7	4KMXV02.7E03	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
537	2004	Kia	Optima	2.7	4KMXV02.7E03	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
538	2004	Kia	Optima	2.7	4KMXV02.7E03	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
539	2004	Kia	Optima	2.7	4KMXV02.7E03	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
540	2004	Kia	Rio	1.6	4KMXV01.6C02	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452881	ALL
541	2004	Kia	Spectra	1.8	4KMXV01.8A07	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452039	ALL
542	2004	Kia	Spectra	1.8	4KMXV01.8A07	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452670	ALL
543	2004	Kia	Spectra	1.8	4KMXV01.8A07	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457011	ALL
544	2004	Kia	Spectra	1.8	4KMXV01.8A07	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
545	2005	Kia	Optima	2.4	5KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
546	2005	Kia	Optima	2.4	5KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL
547	2005	Kia	Optima	2.4	5KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
548	2005	Kia	Optima	2.7	5KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
549	2005	Kia	Optima	2.7	5KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
550	2005	Kia	Optima	2.7	5KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
551	2005	Kia	Optima	2.7	5KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
552	2005	Kia	Optima	2.7	5KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
553	2005	Kia	Sportage	2	5KMXT02.0KU9	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452034	ALL
554	2005	Kia	Sportage	2	5KMXT02.0KU9	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457001	ALL
555	2005	Kia	Sportage	2	5KMXT02.0KU9	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
556	2006	Kia	Optima	2.4	6KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452020	ALL
557	2006	Kia	Optima	2.4	6KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452047	ALL
558	2006	Kia	Optima	2.4	6KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457017	ALL
559	2006	Kia	Optima	2.4	6KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457023	ALL



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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
560	2006	Kia	Optima	2.4	6KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457037	ALL
561	2006	Kia	Optima	2.4	6KMXV02.4ML9	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
562	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452021	ALL
563	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452044	ALL
564	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452018	ALL
565	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452036	ALL
566	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457002	ALL
567	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
568	2006	Kia	Optima	2.7	6KMXV02.7SL9	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
569	2006	Kia	Sportage	2	6KMXT02.0KU9	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452034	ALL
570	2006	Kia	Sportage	2	6KMXT02.0KU9	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457001	ALL
571	2006	Kia	Sportage	2	6KMXT02.0KU9	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
572	2000	Lexus	GS300	3	YTYXV03.OFFD	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
573	2000	Lexus	GS300	3	YTYXV03.OFFD	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
574	2000	Lexus	GS300	3	YTYXV03.OFFD	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
575	2000	Lexus	GS300	3	YTYXV03.OFFD	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
576	2001	Lexus	GS300	3	1TYXV03.OFFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
577	2001	Lexus	GS300	3	1TYXV03.OFFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
578	2001	Lexus	GS300	3	1TYXV03.OFFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
579	2001	Lexus	GS300	3	1TYXV03.OFFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
580	2001	Lexus	GS300	3	1TYXV03.OFFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
581	2001	Lexus	GS430	4.3	1TYXV04.3JJA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
582	2001	Lexus	GS430	4.3	1TYXV04.3JJA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
583	2001	Lexus	GS430	4.3	1TYXV04.3JJA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
584	2001	Lexus	IS300	3	1TYXV03.OFFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
585	2001	Lexus	IS300	3	1TYXV03.OFFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
586	2001	Lexus	IS300	3	1TYXV03.OFFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
587	2001	Lexus	IS300	3	1TYXV03.OFFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
588	2001	Lexus	IS300	3	1TYXV03.OFFE	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
589	2001	Lexus	LS430	4.3	1TYXV04.3JJA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
590	2001	Lexus	LS430	4.3	1TYXV04.3JJA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
591	2001	Lexus	LS430	4.3	1TYXV04.3JJA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
592	2002	Lexus	ES300	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452015	ALL
593	2002	Lexus	ES300	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452014	ALL
594	2002	Lexus	ES300	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457021	ALL
595	2002	Lexus	ES300	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457022	ALL
596	2002	Lexus	ES300	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
597	2002	Lexus	GS300	3	2TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
598	2002	Lexus	GS300	3	2TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
599	2002	Lexus	GS300	3	2TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
600	2002	Lexus	GS300	3	2TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
601	2002	Lexus	GS300	3	2TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
602	2002	Lexus	GS430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
603	2002	Lexus	GS430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
604	2002	Lexus	GS430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
605	2002	Lexus	IS300	3	2TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
606	2002	Lexus	IS300	3	2TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
607	2002	Lexus	IS300	3	2TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
608	2002	Lexus	IS300	3	2TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
609	2002	Lexus	IS300	3	2TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
610	2002	Lexus	LS430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
611	2002	Lexus	LS430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
612	2002	Lexus	LS430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
613	2002	Lexus	SC430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
614	2002	Lexus	SC430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
615	2002	Lexus	SC430	4.3	2TYXV04.3JJB	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
616	2003	Lexus	ES300	3	3TYXV03.OHHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452015	ALL
617	2003	Lexus	ES300	3	3TYXV03.OHHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452014	ALL
618	2003	Lexus	ES300	3	3TYXV03.OHHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457021	ALL
619	2003	Lexus	ES300	3	3TYXV03.OHHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457022	ALL
620	2003	Lexus	ES300	3	3TYXV03.OHHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
621	2003	Lexus	GS300	3	3TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
622	2003	Lexus	GS300	3	3TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
623	2003	Lexus	GS300	3	3TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
624	2003	Lexus	GS300	3	3TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
625	2003	Lexus	GS300	3	3TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
626	2003	Lexus	GS430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
627	2003	Lexus	GS430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
628	2003	Lexus	GS430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
629	2003	Lexus	IS300	3	3TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
630	2003	Lexus	IS300	3	3TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
631	2003	Lexus	IS300	3	3TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
632	2003	Lexus	IS300	3	3TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
633	2003	Lexus	IS300	3	3TYXV03.OFFF	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
634	2003	Lexus	LS430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
635	2003	Lexus	LS430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
636	2003	Lexus	LS430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
637	2003	Lexus	SC430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
638	2003	Lexus	SC430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
639	2003	Lexus	SC430	4.3	3TYXV04.3HHA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
640	2004	Lexus	GS300	3	4TYXV03.OVMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
641	2004	Lexus	GS300	3	4TYXV03.OVMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
642	2004	Lexus	GS300	3	4TYXV03.OVMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
643	2004	Lexus	GS300	3	4TYXV03.OVMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
644	2004	Lexus	GS300	3	4TYXV03.OVMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
645	2004	Lexus	GS430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
646	2004	Lexus	GS430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
647	2004	Lexus	GS430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
648	2004	Lexus	IS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
649	2004	Lexus	IS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
650	2004	Lexus	IS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
651	2004	Lexus	IS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
652	2004	Lexus	IS300	3	4TYXV03.0VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
653	2004	Lexus	LS430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
654	2004	Lexus	LS430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
655	2004	Lexus	LS430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
656	2004	Lexus	SC430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
657	2004	Lexus	SC430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
658	2004	Lexus	SC430	4.3	4TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
659	2005	Lexus	GS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
660	2005	Lexus	GS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
661	2005	Lexus	GS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
662	2005	Lexus	GS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
663	2005	Lexus	GS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
664	2005	Lexus	GS430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
665	2005	Lexus	GS430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
666	2005	Lexus	GS430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
667	2005	Lexus	IS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452022	ALL
668	2005	Lexus	IS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452843	ALL
669	2005	Lexus	IS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457106	ALL
670	2005	Lexus	IS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
671	2005	Lexus	IS300	3	5TYXV03.0VMA	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	457899	ALL
672	2005	Lexus	LS430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
673	2005	Lexus	LS430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
674	2005	Lexus	LS430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
675	2005	Lexus	SC430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
676	2005	Lexus	SC430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
677	2005	Lexus	SC430	4.3	5TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
678	2006	Lexus	GS300	3	6TYXV03.0WMB	LEV1 ULEV	PC	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	452720	2WD
679	2006	Lexus	GS300	3	6TYXV03.0WMB	LEV1 ULEV	PC	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	452721	2WD
680	2006	Lexus	GS430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
681	2006	Lexus	GS430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
682	2006	Lexus	GS430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
683	2006	Lexus	LS430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
684	2006	Lexus	LS430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
685	2006	Lexus	LS430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL
686	2006	Lexus	SC430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FL	DIRECT FIT	452909	ALL
687	2006	Lexus	SC430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	FR	DIRECT FIT	452909	ALL
688	2006	Lexus	SC430	4.3	6TYXV04.3WMA	LEV1 ULEV	PC	DS	2TWC,TWC	2	2	U	UNIVERSAL	457106	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
689	2006	Lincoln	Zephyr	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452011	ALL
690	2006	Lincoln	Zephyr	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452012	ALL
691	2006	Lincoln	Zephyr	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457018	ALL
692	2006	Lincoln	Zephyr	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
693	1995	Mazda	Millenia	2.3	STK2.3VJGFEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
694	1995	Mazda	Millenia	2.3	STK2.3VJGFEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
695	1995	Mazda	Millenia	2.3	STK2.3VJGFEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
696	1995	Mazda	Protege	1.5	STK1.5VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452697	ALL
697	1995	Mazda	Protege	1.5	STK1.5VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
698	1996	Mazda	Millenia	2.3	TTK2.3VJGFEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
699	1996	Mazda	Millenia	2.3	TTK2.3VJGFEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
700	1996	Mazda	Millenia	2.3	TTK2.3VJGFEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
701	1996	Mazda	Protege	1.5	TTK1.5VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452697	ALL
702	1996	Mazda	Protege	1.5	TTK1.5VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
703	1997	Mazda	Millenia	2.3	VTK2.3VJGKEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
704	1997	Mazda	Millenia	2.3	VTK2.3VJGKEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
705	1997	Mazda	Millenia	2.3	VTK2.3VJGKEK	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
706	1997	Mazda	Protege	1.5	VTK1.5VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452697	ALL
707	1997	Mazda	Protege	1.5	VTK1.5VJG2EK	TLEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
708	1998	Mazda	Millenia	2.3	WTKXV02.3VB2	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
709	1998	Mazda	Millenia	2.3	WTKXV02.3VB2	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
710	1998	Mazda	Millenia	2.3	WTKXV02.3VB2	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
711	1998	Mazda	Protege	1.5	WTKXV01.5VDM	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452697	ALL
712	1998	Mazda	Protege	1.5	WTKXV01.5VDM	TLEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
713	1999	Mazda	Miata	1.8	XTKXV01.8VDM	TLEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452992	ALL
714	1999	Mazda	Miata	1.8	XTKXV01.8VDM	TLEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
715	1999	Mazda	Millenia	2.3	XTKXV02.3VB3	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
716	1999	Mazda	Millenia	2.3	XTKXV02.3VB3	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
717	1999	Mazda	Millenia	2.3	XTKXV02.3VB3	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
718	1999	Mazda	Protege	1.6	XTKXV01.6VJM	LEV1 ULEV	PC	D	WU-TWC,TWC	3	2	F	DIRECT FIT	452217	ALL
719	1999	Mazda	Protege	1.6	XTKXV01.6VJM	LEV1 ULEV	PC	D	WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
720	1999	Mazda	Protege	1.8	XTKXV01.8VGM	LEV1 LEV	PC	D	WU-TWC,TWC	3	2	F	DIRECT FIT	452217	ALL
721	1999	Mazda	Protege	1.8	XTKXV01.8VGM	LEV1 LEV	PC	D	WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
722	2000	Mazda	Miata	1.8	YTKXV01.8VFN	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452992	ALL
723	2000	Mazda	Miata	1.8	YTKXV01.8VFN	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
724	2000	Mazda	Millenia	2.3	YTKXV02.3VB3	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
725	2000	Mazda	Millenia	2.3	YTKXV02.3VB3	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
726	2000	Mazda	Millenia	2.3	YTKXV02.3VB3	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
727	2000	Mazda	Protege	1.6	YTKXV01.6VJM	LEV1 ULEV	PC	D	WU-TWC,TWC	3	2	F	DIRECT FIT	452217	ALL
728	2000	Mazda	Protege	1.6	YTKXV01.6VJM	LEV1 ULEV	PC	D	WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
729	2000	Mazda	Protege	1.8	YTKXV01.8VFM	LEV1 LEV	PC	D	WU-TWC,TWC	3	2	F	DIRECT FIT	452217	ALL
730	2000	Mazda	Protege	1.8	YTKXV01.8VFM	LEV1 LEV	PC	D	WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
731	2001	Mazda	Miata	1.8	1TKXV01.8CJA	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452992	ALL

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732	2001	Mazda	Millenia	2.3	1TKXV02.3AMA	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
733	2001	Mazda	Millenia	2.3	1TKXV02.3AMA	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
734	2001	Mazda	Millenia	2.3	1TKXV02.3AMA	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
735	2001	Mazda	Protege	1.6	1TKXV01.6DJA	LEV1 ULEV	PC	D	WU-TWC,TWC	3	2	F	DIRECT FIT	452217	ALL
736	2001	Mazda	Protege	1.6	1TKXV01.6DJA	LEV1 ULEV	PC	D	WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
737	2001	Mazda	Tribute	2	1TKXT02.0CJA	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
738	2001	Mazda	Tribute	3	1TKXT03.0FLB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
739	2001	Mazda	Tribute	3	1TKXT03.0FLB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
740	2001	Mazda	Tribute	3	1TKXT03.0FLB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
741	2002	Mazda	Miata	1.8	2TKXV01.8CJA	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452992	ALL
742	2002	Mazda	Millenia	2.3	2TKXV02.3AMA	TIER1	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452026	ALL
743	2002	Mazda	Millenia	2.3	2TKXV02.3AMA	TIER1	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452025	ALL
744	2002	Mazda	Millenia	2.3	2TKXV02.3AMA	TIER1	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457030	ALL
745	2002	Mazda	Tribute	2	2TKXT02.0CJA	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
746	2002	Mazda	Tribute	3	2TKXT03.0FLB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
747	2002	Mazda	Tribute	3	2TKXT03.0FLB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
748	2002	Mazda	Tribute	3	2TKXT03.0FLB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
749	2003	Mazda	6	3	3TKXV03.0CLM	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	F	DIRECT FIT	452863	ALL
750	2003	Mazda	6	3	3TKXV03.0CLM	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	452864	ALL
751	2003	Mazda	6	3	3TKXV03.0CLM	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	457204	ALL
752	2003	Mazda	6	3	3TKXV03.0CLM	LEV1 LEV	PC	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	457204	ALL
753	2003	Mazda	Miata	1.8	3TKXV01.8CJA	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452992	ALL
754	2003	Mazda	Tribute	2	3TKXT02.0CJA	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
755	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
756	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452043	ALL
757	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
758	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
759	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452042	ALL
760	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	ALL
761	2003	Mazda	Tribute	3	3TKXT03.0FLC	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
762	2004	Mazda	6	3	4TKXV03.0ALA	LEV1 ULEV	PC	D	2WU-TWC,2TWC	4	2	F	DIRECT FIT	452863	ALL
763	2004	Mazda	6	3	4TKXV03.0ALA	LEV1 ULEV	PC	D	2WU-TWC,2TWC	4	2	R	DIRECT FIT	452864	ALL
764	2004	Mazda	6	3	4TKXV03.0ALA	LEV1 ULEV	PC	D	2WU-TWC,2TWC	4	2	UL	UNIVERSAL	457204	ALL
765	2004	Mazda	6	3	4TKXV03.0ALA	LEV1 ULEV	PC	D	2WU-TWC,2TWC	4	2	UR	UNIVERSAL	457204	ALL
766	2004	Mazda	Miata	1.8	4TKXV01.8AJA	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452992	ALL
767	2004	Mazda	Tribute	2	4TKXT02.0AJA	LEV1 LEV	LDT1	S	TWC	1	1	F	DIRECT FIT	452360	ALL
768	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
769	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452043	ALL
770	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
771	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
772	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452042	ALL
773	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457003	ALL
774	2004	Mazda	Tribute	3	4TKXT03.0ALB	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL

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775	2005	Mazda	Miata	1.8	5TKXV01.8NA1	LEV1 LEV	PC	S	TWC	1	1	F	DIRECT FIT	452992	ALL
776	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452009	ALL
777	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452043	ALL
778	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
779	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
780	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452042	ALL
781	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	U	DIRECT FIT	457010	ALL
782	2005	Mazda	Tribute	3	5TKXT03.08BA	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
783	2003	Mercedes-Benz	C230	1.8	3MBXV01.8LB1	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452344	ALL
784	2003	Mercedes-Benz	C230	1.8	3MBXV01.8LB1	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457175	ALL
785	2004	Mercedes-Benz	C230	1.8	4MBXV01.8LB1	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452344	ALL
786	2004	Mercedes-Benz	C230	1.8	4MBXV01.8LB1	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457175	ALL
787	1996	Mercury	Mystique	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
788	1996	Mercury	Mystique	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
789	1996	Mercury	Mystique	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457027	ALL
790	1996	Mercury	Mystique	2.5	TFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
791	1997	Mercury	Mystique	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
792	1997	Mercury	Mystique	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
793	1997	Mercury	Mystique	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457027	ALL
794	1997	Mercury	Mystique	2.5	VFM2.5VJG1EK	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
795	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
796	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
797	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
798	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
799	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457029	ALL
800	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
801	1998	Mercury	Mystique	2.5	WFMXV02.5AFA	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
802	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
803	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL
804	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
805	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
806	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
807	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
808	1999	Mercury	Cougar	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
809	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
810	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
811	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
812	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
813	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457029	ALL
814	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
815	1999	Mercury	Mystique	2.5	XFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
816	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
817	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
818	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
819	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
820	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
821	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
822	2000	Mercury	Cougar	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
823	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452002	ALL
824	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL
825	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
826	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452005	ALL
827	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457028	ALL
828	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457029	ALL
829	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457033	ALL
830	2000	Mercury	Mystique	2.5	YFMXV02.5VBC	TIER1	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
831	2001	Mercury	Cougar	2.5	1FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL
832	2001	Mercury	Cougar	2.5	1FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452007	ALL
833	2001	Mercury	Cougar	2.5	1FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
834	2001	Mercury	Cougar	2.5	1FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452008	ALL
835	2001	Mercury	Cougar	2.5	1FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457004	ALL
836	2001	Mercury	Cougar	2.5	1FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
837	2002	Mercury	Cougar	2.5	2FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452003	ALL
838	2002	Mercury	Cougar	2.5	2FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452007	ALL
839	2002	Mercury	Cougar	2.5	2FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452003	ALL
840	2002	Mercury	Cougar	2.5	2FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452008	ALL
841	2002	Mercury	Cougar	2.5	2FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457004	ALL
842	2002	Mercury	Cougar	2.5	2FMXV02.5VD5	TLEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
843	2004	Mercury	Sable	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452925	ALL
844	2004	Mercury	Sable	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452045	ALL
845	2004	Mercury	Sable	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457105	ALL
846	2004	Mercury	Sable	3	4FMXV03.0VE8	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457207	ALL
847	2005	Mercury	Mariner	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	F	DIRECT FIT	452367	ALL
848	2005	Mercury	Mariner	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	R	DIRECT FIT	452010	ALL
849	2005	Mercury	Mariner	3	5FMXT03.01FE	LEV1 ULEV	LDT1	DS	2TWC,TWC	3	2	U	UNIVERSAL	457104	ALL
850	2005	Mercury	Sable	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452925	ALL
851	2005	Mercury	Sable	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452045	ALL
852	2005	Mercury	Sable	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457105	ALL
853	2005	Mercury	Sable	3	5FMXV03.0VE3	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457207	ALL
854	2006	Mercury	Milan	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452011	ALL
855	2006	Mercury	Milan	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452012	ALL
856	2006	Mercury	Milan	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	U	DIRECT FIT	457018	ALL
857	2006	Mercury	Milan	3	6XMFV03.01HA	LEV1 ULEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
858	2005	Mini	Cooper	1.6	5BMXV01.6R50	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	FR	DIRECT FIT	452859	ALL
859	2006	Mini	Cooper	1.6	6BMXV01.6R50	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	FR	DIRECT FIT	452859	ALL
860	2000	Mitsubishi	Eclipse	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
861	2000	Mitsubishi	Eclipse	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
862	2000	Mitsubishi	Eclipse	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457024	ALL
863	2000	Mitsubishi	Eclipse	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
864	2000	Mitsubishi	Galant	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL
865	2000	Mitsubishi	Galant	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
866	2000	Mitsubishi	Galant	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457024	ALL
867	2000	Mitsubishi	Galant	2.4	YDSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
868	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNH	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL
869	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL
870	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
871	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNH	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
872	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNH	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457024	ALL
873	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457024	ALL
874	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNH	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
875	2001	Mitsubishi	Eclipse	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
876	2001	Mitsubishi	Galant	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452017	ALL
877	2001	Mitsubishi	Galant	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
878	2001	Mitsubishi	Galant	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
879	2001	Mitsubishi	Galant	2.4	1DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
880	2002	Mitsubishi	Eclipse	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
881	2002	Mitsubishi	Eclipse	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
882	2002	Mitsubishi	Eclipse	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
883	2002	Mitsubishi	Galant	2.4	2DSXV02.4G3G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
884	2002	Mitsubishi	Galant	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
885	2002	Mitsubishi	Galant	2.4	2DSXV02.4G3G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
886	2002	Mitsubishi	Galant	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
887	2002	Mitsubishi	Galant	2.4	2DSXV02.4G3G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
888	2002	Mitsubishi	Galant	2.4	2DSXV02.4GNG	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
889	2002	Mitsubishi	Lancer	2	2MTXV02.0G3G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452180	ALL
890	2002	Mitsubishi	Lancer	2	2MTXV02.0G3G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457032	ALL
891	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
892	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
893	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
894	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
895	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
896	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
897	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
898	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
899	2003	Mitsubishi	Eclipse	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
900	2003	Mitsubishi	Galant	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
901	2003	Mitsubishi	Galant	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
902	2003	Mitsubishi	Galant	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
903	2003	Mitsubishi	Galant	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL



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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
904	2003	Mitsubishi	Galant	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
905	2003	Mitsubishi	Galant	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
906	2003	Mitsubishi	Galant	2.4	3DSXV02.4G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
907	2003	Mitsubishi	Galant	2.4	3DSXV02.4GNF	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
908	2003	Mitsubishi	Galant	2.4	3DSXV02.4GNS	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
909	2003	Mitsubishi	Lancer	2	3MTXV02.0G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452180	ALL
910	2003	Mitsubishi	Lancer	2	3MTXV02.0G3S	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457032	ALL
911	2004	Mitsubishi	Eclipse	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
912	2004	Mitsubishi	Eclipse	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
913	2004	Mitsubishi	Eclipse	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
914	2004	Mitsubishi	Eclipse	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
915	2004	Mitsubishi	Eclipse	2.4	4DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
916	2004	Mitsubishi	Eclipse	2.4	4DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
917	2005	Mitsubishi	Eclipse	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
918	2005	Mitsubishi	Eclipse	2.4	5DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452027	ALL
919	2005	Mitsubishi	Eclipse	2.4	5DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
920	2005	Mitsubishi	Eclipse	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457025	ALL
921	2005	Mitsubishi	Eclipse	2.4	5DSXV02.4GBB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
922	2005	Mitsubishi	Eclipse	2.4	5DSXV02.4G2G	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457104	ALL
923	1995	Nissan	200SX	1.6	SNS1.6VJG2EK	TLEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
924	1995	Nissan	Sentra	1.6	SNS1.6VJG2EK	TLEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
925	1996	Nissan	200SX	1.6	TNS1.6VJG2EK	TLEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
926	1996	Nissan	Sentra	1.6	TNS1.6VJG2EK	TLEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
927	1997	Nissan	200SX	1.6	VNS1.6VJG3EK	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
928	1997	Nissan	200SX	1.6	VNS1.6VJG3EK	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457016	ALL
929	1997	Nissan	200SX	1.6	VNS1.6VJG3EK	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457104	ALL
930	1997	Nissan	Sentra	1.6	VNS1.6VJG3EK	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
931	1997	Nissan	Sentra	1.6	VNS1.6VJG3EK	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
932	1998	Nissan	200SX	1.6	WNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
933	1998	Nissan	200SX	1.6	WNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457016	ALL
934	1998	Nissan	200SX	1.6	WNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457104	ALL
935	1998	Nissan	Altima	2.4	WNSXV02.433B	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452871	ALL
936	1998	Nissan	Altima	2.4	WNSXV02.433B	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457105	ALL
937	1998	Nissan	Altima	2.4	WNSXV02.433B	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
938	1998	Nissan	Frontier	2.4	WNSXT02.423B	TLEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452028	ALL
939	1998	Nissan	Frontier	2.4	WNSXT02.423B	TLEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
940	1998	Nissan	Sentra	1.6	WNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
941	1998	Nissan	Sentra	1.6	WNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	457016	ALL
942	1998	Nissan	Sentra	1.6	WNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
943	1999	Nissan	Altima	2.4	XNSXV02.433A	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452871	ALL
944	1999	Nissan	Altima	2.4	XNSXV02.433A	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457105	ALL
945	1999	Nissan	Altima	2.4	XNSXV02.433A	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
946	1999	Nissan	Frontier	2.4	XNSXT02.423A	TLEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452028	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
947	1999	Nissan	Frontier	2.4	XNSXT02.423A	TLEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
948	1999	Nissan	Sentra	1.6	XNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452023	ALL
949	1999	Nissan	Sentra	1.6	XNSXV01.631A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
950	2000	Nissan	Altima	2.4	YNSXV02.433A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452871	ALL
951	2000	Nissan	Altima	2.4	YNSXV02.433A	LEV1 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457105	ALL
952	2000	Nissan	Frontier	2.4	YNSXT02.423A	TLEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452096	ALL
953	2000	Nissan	Frontier	2.4	YNSXT02.423A	TLEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
954	2000	Nissan	Maxima	3	YNSXV03.036A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452231	ALL
955	2000	Nissan	Maxima	3	YNSXV03.036A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452405	ALL
956	2000	Nissan	Maxima	3	YNSXV03.036A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
957	2001	Nissan	Altima	2.4	1NSXV02.4C4A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452871	ALL
958	2001	Nissan	Altima	2.4	1NSXV02.4C4A	LEV1 LEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457105	ALL
959	2001	Nissan	Frontier	2.4	1NSXT02.4C4A	LEV1 LEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452096	ALL
960	2001	Nissan	Frontier	2.4	1NSXT02.4C4A	LEV1 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
961	2001	Nissan	Maxima	3	1NSXV03.0C6A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	F	DIRECT FIT	452231	ALL
962	2001	Nissan	Maxima	3	1NSXV03.0C6A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	452405	ALL
963	2001	Nissan	Maxima	3	1NSXV03.0C6A	LEV1 LEV	PC	DS	2TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
964	2002	Nissan	Altima	2.5	2NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
965	2002	Nissan	Altima	2.5	2NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457020	ALL
966	2002	Nissan	Altima	2.5	2NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
967	2002	Nissan	Frontier	2.4	2NSXT02.4C4B	LEV1 LEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452096	ALL
968	2002	Nissan	Frontier	2.4	2NSXT02.4C4B	LEV1 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
969	2002	Nissan	Sentra	2.5	2NSXV02.5C5A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
970	2002	Nissan	Sentra	2.5	2NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
971	2002	Nissan	Sentra	2.5	2NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
972	2002	Nissan	Sentra	2.5	2NSXV02.5C5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
973	2002	Nissan	Sentra	2.5	2NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
974	2002	Nissan	Sentra	2.5	2NSXV02.5C5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
975	2003	Nissan	Altima	2.5	3NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
976	2003	Nissan	Altima	2.5	3NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457020	ALL
977	2003	Nissan	Altima	2.5	3NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
978	2003	Nissan	Frontier	2.4	3NSXT02.4C4A	LEV1 LEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452096	ALL
979	2003	Nissan	Frontier	2.4	3NSXT02.4C4A	LEV1 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
980	2003	Nissan	Sentra	1.8	3NSXV01.8D2A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452806	ALL
981	2003	Nissan	Sentra	1.8	3NSXV01.8D2A	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457104	ALL
982	2003	Nissan	Sentra	2.5	3NSXV02.5C5A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
983	2003	Nissan	Sentra	2.5	3NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
984	2003	Nissan	Sentra	2.5	3NSXV02.5C5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
985	2003	Nissan	Sentra	2.5	3NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
986	2003	Nissan	Sentra	2.5	3NSXV02.5C5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
987	2003	Nissan	Sentra	2.5	3NSXV02.5D5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
988	2004	Nissan	Frontier	2.4	4NSXT02.4N4A	LEV1 LEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452096	ALL
989	2004	Nissan	Frontier	2.4	4NSXT02.4N4A	LEV1 LEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
990	2004	Nissan	Sentra	1.8	4NSXV01.8S2A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452806	ALL
991	2004	Nissan	Sentra	1.8	4NSXV01.8S2A	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457104	ALL
992	2004	Nissan	Sentra	2.5	4NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
993	2004	Nissan	Sentra	2.5	4NSXV02.545A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
994	2004	Nissan	Sentra	2.5	4NSXV02.5S5A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
995	2004	Nissan	Sentra	2.5	4NSXV02.545A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
996	2004	Nissan	Sentra	2.5	4NSXV02.5S5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
997	2004	Nissan	Sentra	2.5	4NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
998	2004	Nissan	Sentra	2.5	4NSXV02.5S5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
999	2004	Nissan	Sentra	2.5	4NSXV02.545A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1000	2004	Nissan	Sentra	2.5	4NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1001	2005	Nissan	Sentra	1.8	5NSXV01.8S2A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452806	ALL
1002	2005	Nissan	Sentra	1.8	5NSXV01.8S2A	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457104	ALL
1003	2005	Nissan	Sentra	2.5	5NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1004	2005	Nissan	Sentra	2.5	5NSXV02.5S5A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1005	2005	Nissan	Sentra	2.5	5NSXV02.545A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1006	2005	Nissan	Sentra	2.5	5NSXV02.5S5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1007	2005	Nissan	Sentra	2.5	5NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1008	2005	Nissan	Sentra	2.5	5NSXV02.545A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1009	2005	Nissan	Sentra	2.5	5NSXV02.545A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1010	2005	Nissan	Sentra	2.5	5NSXV02.5S5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1011	2005	Nissan	Sentra	2.5	5NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1012	2006	Nissan	Sentra	1.8	6NSXV01.8S2A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452806	ALL
1013	2006	Nissan	Sentra	1.8	6NSXV01.8S2A	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457104	ALL
1014	2006	Nissan	Sentra	2.5	6NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1015	2006	Nissan	Sentra	2.5	6NSXV02.5S5A	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452019	ALL
1016	2006	Nissan	Sentra	2.5	6NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1017	2006	Nissan	Sentra	2.5	6NSXV02.5S5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457014	ALL
1018	2006	Nissan	Sentra	2.5	6NSXV02.5S5A	LEV1 ULEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1019	2006	Nissan	Sentra	2.5	6NSXV02.5N5A	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1020	2000	Plymouth	Neon	2	YCRXV0122V41	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452651	ALL
1021	2000	Plymouth	Neon	2	YCRXV0122V41	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457106	ALL
1022	2001	Plymouth	Neon	2	1CRXV0122V40	LEV1 ULEV	PC	S	TWC	1	1	F	DIRECT FIT	452651	ALL
1023	1999	Saturn	SC2	1.9	XGMXV01.9004	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1024	1999	Saturn	SC2	1.9	XGMXV01.9004	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1025	1999	Saturn	SL2	1.9	XGMXV01.9004	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1026	1999	Saturn	SL2	1.9	XGMXV01.9004	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1027	1999	Saturn	SW2	1.9	XGMXV01.9004	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1028	1999	Saturn	SW2	1.9	XGMXV01.9004	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1029	2000	Saturn	SC2	1.9	YGMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1030	2000	Saturn	SC2	1.9	YGMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1031	2000	Saturn	SL2	1.9	YGMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1032	2000	Saturn	SL2	1.9	YGMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1033	2000	Saturn	SW2	1.9	YGMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1034	2000	Saturn	SW2	1.9	YGMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1035	2001	Saturn	SC2	1.9	1GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1036	2001	Saturn	SC2	1.9	1GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1037	2001	Saturn	SL2	1.9	1GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1038	2001	Saturn	SL2	1.9	1GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1039	2001	Saturn	SW2	1.9	1GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1040	2001	Saturn	SW2	1.9	1GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1041	2002	Saturn	SC2	1.9	2GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1042	2002	Saturn	SC2	1.9	2GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1043	2002	Saturn	SL2	1.9	2GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452150	ALL
1044	2002	Saturn	SL2	1.9	2GMXV01.9002	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457204	ALL
1045	2005	Scion	tC	2.4	5TYXV02.4WMC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452110	ALL
1046	2005	Scion	tC	2.4	5TYXV02.4WMC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452487	ALL
1047	2005	Scion	tC	2.4	5TYXV02.4WMC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457034	ALL
1048	2006	Scion	tC	2.4	6TYXV02.4WMC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452110	ALL
1049	2006	Scion	tC	2.4	6TYXV02.4WMC	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457034	ALL
1050	1999	Suzuki	Grand Vitara	2.5	XSKXT2.49LHA	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1051	1999	Suzuki	Grand Vitara	2.5	XSKXT2.49LHA	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1052	1999	Suzuki	Grand Vitara	2.5	XSKXT2.49LHA	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1053	2000	Suzuki	Grand Vitara	2.5	YSKXT2.49LHA	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1054	2000	Suzuki	Grand Vitara	2.5	YSKXT2.49LHA	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1055	2000	Suzuki	Grand Vitara	2.5	YSKXT2.49LHA	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1056	2001	Suzuki	Grand Vitara	2.5	1SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1057	2001	Suzuki	Grand Vitara	2.5	1SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1058	2001	Suzuki	Grand Vitara	2.5	1SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1059	2002	Suzuki	Aerio	2	2SKXX2.00LC4	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452098	ALL
1060	2002	Suzuki	Aerio	2	2SKXX2.00LC4	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457104	ALL
1061	2002	Suzuki	Grand Vitara	2.5	2SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1062	2002	Suzuki	Grand Vitara	2.5	2SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1063	2002	Suzuki	Grand Vitara	2.5	2SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1064	2003	Suzuki	Aerio	2	3SKXX2.00LC2	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452098	ALL
1065	2003	Suzuki	Aerio	2	3SKXX2.00LC2	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457104	ALL
1066	2003	Suzuki	Grand Vitara	2.5	3SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1067	2003	Suzuki	Grand Vitara	2.5	3SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1068	2003	Suzuki	Grand Vitara	2.5	3SKXT2.49LC1	LEV1 LEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1069	2004	Suzuki	Aerio	2.3	4SKXV2.295D1	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452671	ALL
1070	2004	Suzuki	Aerio	2.3	4SKXV2.295D1	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457204	ALL
1071	2004	Suzuki	Grand Vitara	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1072	2004	Suzuki	Grand Vitara	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1073	2004	Suzuki	Grand Vitara	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1074	2004	Suzuki	Verona	2.5	4GD XV02.5D03	LEV1 ULEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452911	ALL
1075	2004	Suzuki	Verona	2.5	4GD XV02.5D03	LEV1 ULEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452912	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1076	2004	Suzuki	Vitara	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1077	2004	Suzuki	Vitara	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1078	2004	Suzuki	Vitara	2.5	4SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1079	2005	Suzuki	Aerio	2.3	5SKXV2.295D1	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452671	ALL
1080	2005	Suzuki	Aerio	2.3	5SKXV2.295D1	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457204	ALL
1081	2005	Suzuki	Grand Vitara	2.5	5SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FL	DIRECT FIT	452060	ALL
1082	2005	Suzuki	Grand Vitara	2.5	5SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	FR	DIRECT FIT	452282	ALL
1083	2005	Suzuki	Grand Vitara	2.5	5SKXT2.49LC1	LEV1 ULEV	LDT1	D	2WU-TWC,TWC	3	2	R	UNIVERSAL	457204	ALL
1084	2005	Suzuki	Verona	2.5	5GD XV02.5D03	LEV1 ULEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452911	ALL
1085	2005	Suzuki	Verona	2.5	5GD XV02.5D03	LEV1 ULEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452912	ALL
1086	2006	Suzuki	Aerio	2.3	6SKXV2.295D1	LEV1 ULEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452671	ALL
1087	2006	Suzuki	Aerio	2.3	6SKXV2.295D1	LEV1 ULEV	PC	S	TWC(2)	2	1	R	UNIVERSAL	457204	ALL
1088	1996	Toyota	RAV4	2	TTY2.01JG2GK	TLEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452827	ALL
1089	1996	Toyota	RAV4	2	TTY2.01JG2GK	TLEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457105	ALL
1090	1997	Toyota	Camry	2.2	VTY2.2VJG3GK	LEV1 LEV	PC	S	TWC(2)	2	1	F	DIRECT FIT	452016	ALL
1091	1997	Toyota	Camry	2.2	VTY2.2VJG3GK	LEV1 LEV	PC	S	TWC(2)	2	1	U	DIRECT FIT	457015	ALL
1092	1997	Toyota	Camry	2.2	VTY2.2VJG3GK	LEV1 LEV	PC	S	TWC(2)	2	1	U	UNIVERSAL	457105	ALL
1093	1997	Toyota	RAV4	2	VTY2.01JG2GK	TLEV	LDT1	S	TWC(2)	2	1	F	DIRECT FIT	452827	ALL
1094	1997	Toyota	RAV4	2	VTY2.01JG2GK	TLEV	LDT1	S	TWC(2)	2	1	R	UNIVERSAL	457105	ALL
1095	1998	Toyota	Camry	2.2	WTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1096	1998	Toyota	Camry	2.2	WTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL
1097	1998	Toyota	Camry	2.2	WTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1098	1998	Toyota	RAV4	2	WTYXT02.0GXJ	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452827	ALL
1099	1998	Toyota	RAV4	2	WTYXT02.0GXJ	LEV1 LEV	LDT1	S	WU-TWC,TWC	2	1	R	UNIVERSAL	457105	ALL
1100	1999	Toyota	Camry	2.2	XTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1101	1999	Toyota	Camry	2.2	XTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL
1102	1999	Toyota	Camry	2.2	XTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1103	1999	Toyota	Solara	2.2	XTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1104	1999	Toyota	Solara	2.2	XTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL
1105	1999	Toyota	Solara	2.2	XTYXV02.2GXB	LEV1 LEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1106	2000	Toyota	Camry	2.2	YTYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1107	2000	Toyota	Camry	2.2	YTYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL
1108	2000	Toyota	Camry	2.2	YTYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1109	2000	Toyota	MR2 Spyder	1.8	YTYXV01.8FFD	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457065	ALL
1110	2000	Toyota	MR2 Spyder	1.8	YTYXV01.8FFD	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
1111	2000	Toyota	Solara	2.2	YTYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1112	2000	Toyota	Solara	2.2	YTYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL
1113	2000	Toyota	Solara	2.2	YTYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1114	2001	Toyota	Camry	2.2	1TYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1115	2001	Toyota	Camry	2.2	1TYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL
1116	2001	Toyota	Camry	2.2	1TYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1117	2001	Toyota	MR2 Spyder	1.8	1TYXV01.8FFC	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457065	ALL
1118	2001	Toyota	MR2 Spyder	1.8	1TYXV01.8FFC	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL

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## Car Sound Exhaust Systems, Inc. 452000 / 457000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1119	2001	Toyota	RAV4	2	1TYXT02.OFFH	LEV1 LEV	LDT1	D	2TWC	2	2	F	DIRECT FIT	452013	ALL
1120	2001	Toyota	Solara	2.2	1TYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452016	ALL
1121	2001	Toyota	Solara	2.2	1TYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457015	ALL
1122	2001	Toyota	Solara	2.2	1TYXV02.2JJB	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1123	2002	Toyota	Camry	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452015	ALL
1124	2002	Toyota	Camry	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452014	ALL
1125	2002	Toyota	Camry	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457022	ALL
1126	2002	Toyota	Camry	3	2TYXV03.0JJA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
1127	2002	Toyota	MR2 Spyder	1.8	2TYXV01.8FFC	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457065	ALL
1128	2002	Toyota	MR2 Spyder	1.8	2TYXV01.8FFC	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
1129	2002	Toyota	RAV4	2	2TYXT02.OFFH	LEV1 LEV	LDT1	D	2TWC	2	2	F	DIRECT FIT	452013	ALL
1130	2003	Toyota	Camry	2.4	3TYXV02.4HHA	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452803	ALL
1131	2003	Toyota	Camry	2.4	3TYXV02.4HHA	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1132	2003	Toyota	Camry	2.4	3TYXV02.4HHA	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457166	ALL
1133	2003	Toyota	Camry	3	3TYXV03.0HHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	F	DIRECT FIT	452015	ALL
1134	2003	Toyota	Camry	3	3TYXV03.0HHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	452014	ALL
1135	2003	Toyota	Camry	3	3TYXV03.0HHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	DIRECT FIT	457022	ALL
1136	2003	Toyota	Camry	3	3TYXV03.0HHA	LEV1 ULEV	PC	DS	2WU-TWC,TWC	3	2	U	UNIVERSAL	457105	ALL
1137	2003	Toyota	MR2 Spyder	1.8	3TYXV01.8FFC	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	DIRECT FIT	457065	ALL
1138	2003	Toyota	MR2 Spyder	1.8	3TYXV01.8FFC	LEV1 LEV	PC	DS	2TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
1139	2003	Toyota	RAV4	2	3TYXT02.OFFH	LEV1 LEV	LDT1	D	2TWC	2	2	F	DIRECT FIT	452013	ALL
1140	2003	Toyota	Solara	2.4	3TYXV02.4HHA	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452803	ALL
1141	2003	Toyota	Solara	2.4	3TYXV02.4HHA	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	UNIVERSAL	457105	ALL
1142	2003	Toyota	Solara	2.4	3TYXV02.4HHA	LEV1 ULEV	PC	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457166	ALL
1143	2004	Toyota	MR2 Spyder	1.8	4TYXV01.8VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	457065	ALL
1144	2004	Toyota	MR2 Spyder	1.8	4TYXV01.8VMD	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
1145	2004	Toyota	RAV4	2.4	4TYXT02.4WMH	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452487	ALL
1146	2004	Toyota	RAV4	2.4	4TYXT02.4WMH	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457031	ALL
1147	2005	Toyota	MR2 Spyder	1.8	5TYXV01.8VMC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	DIRECT FIT	457065	ALL
1148	2005	Toyota	MR2 Spyder	1.8	5TYXV01.8VMC	LEV1 LEV	PC	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	457206	ALL
1149	2005	Toyota	RAV4	2.4	5TYXT02.4WMH	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	F	DIRECT FIT	452487	ALL
1150	2005	Toyota	RAV4	2.4	5TYXT02.4WMH	LEV1 ULEV	LDT1	S	WU-TWC,TWC	2	1	U	DIRECT FIT	457031	ALL
1151	2002	Volkswagen	Passat	4	2VWXV04.0229	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452799	ALL
1152	2002	Volkswagen	Passat	4	2VWXV04.0229	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452796	ALL
1153	2003	Volkswagen	Passat	4	3VWXV04.0229	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452799	ALL
1154	2003	Volkswagen	Passat	4	3VWXV04.0229	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452796	ALL
1155	2004	Volkswagen	Passat	4	4VWXV04.0229	LEV1 LEV	PC	D	2TWC	2	2	FL	DIRECT FIT	452799	ALL
1156	2004	Volkswagen	Passat	4	4VWXV04.0229	LEV1 LEV	PC	D	2TWC	2	2	FR	DIRECT FIT	452796	ALL