

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-725
Relating to Exemptions under Sections 27156 and 38391
of the Vehicle Code

Bosal Industries-Georgia, Inc.
"Series 520000 Three-Way Catalytic Converter"

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, Bosal Industries-Georgia, Inc. of 1476 Seaver Way, Ypsilanti, Michigan 48197 has applied to ARB for exemption from the prohibitions in VC Sections 27156 and 38391 to market its new aftermarket Series 520000 three-way catalytic converter (TWC) on select 1996 through 2006 model-year passenger cars (PC) equipped with on-board diagnostic II (OBD II) systems as specified in Appendix D-725 and incorporated herein. Series 520000 TWC will be used for single or multiple catalytic converter applications and may be sold as universal or direct fit systems.

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 converter complies 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 Umicore Automotive Catalysts USA (Umicore) using 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 Bosal Industries-Georgia, Inc. using a 2000 model-year 3.8 liter Chevrolet Camaro (LEV I LEV PC, YGMXV03.8043) with Series 520000 TWC showed that the vehicle meets the applicable emission standards and that Series 520000 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 LEV I LEV 100K standards	0.090	4.2	0.3
Series 520000 test 1	0.075	0.7	0.1
Series 520000 test 2	0.079	0.7	0.1

WHEREAS, Bosal Industries-Georgia, Inc. conducted proper malfunction indicator light illumination demonstration with Series 520000 converter on the same 2000 Camaro and

demonstrated compliance with the requirements in Section (e)(5)(B) of the Converter Evaluation Procedures.

THEREFORE, IT IS HEREBY RESOLVED that Bosal Industries-Georgia, Inc.'s Series 520000 TWC is exempted from the prohibitions in VC Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-725 subject to the following conditions:

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

8. Any marketing arrangement of the new aftermarket catalytic converters by a third party, which involves the use of packaging identification different from the ones described in this Executive Order, must be approved by ARB prior to shipment.
9. Bosal Industries-Georgia, Inc., its associates, vendors, other businesses and individuals associated with Bosal Industries-Georgia, 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. Bosal Industries-Georgia, 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. Bosal Industries-Georgia, Inc. must provide a permanent label or stamp as specified under Section (f)(1) of the Converter Evaluation Procedures.
13. Bosal Industries-Georgia, 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 3rd day of June 2014.


Annette Hebert, Chief

Emissions Compliance, Automotive Regulations and Science Division

Appendix D-725
Bosal Industries-Georgia, Inc. 520000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1	1996	Acura	Integra	1.8	THN1.8VJGFFK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
2	1996	Acura	Integra	1.8	THN1.8VJGFEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
3	1996	Acura	Integra	1.8	THN1.8VJGFFK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
4	1996	Acura	Integra	1.8	THN1.8VJGFEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
5	1996	Acura	RL	3.5	THN3.5VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521041	ALL
6	1996	Acura	RL	3.5	THN3.5VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
7	1996	Acura	TL	3.2	THN3.2VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521041	ALL
8	1996	Acura	TL	3.2	THN3.2VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
9	1997	Acura	CL	2.2	VHN2.2VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521177	ALL
10	1997	Acura	CL	2.2	VHN2.2VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
11	1997	Acura	Integra	1.8	VHN1.8VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
12	1997	Acura	Integra	1.8	VHN1.8VJGKFK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
13	1997	Acura	Integra	1.8	VHN1.8VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
14	1997	Acura	Integra	1.8	VHN1.8VJGKFK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
15	1998	Acura	CL	2.3	WHNXV02.3RA1	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521177	ALL
16	1998	Acura	CL	2.3	WHNXV02.3RA1	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
17	1998	Acura	CL	3	WHNXV03.0ZL2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521002	ALL
18	1998	Acura	CL	3	WHNXV03.0ZL2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
19	1998	Acura	CL	3	WHNXV03.0ZL2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
20	1998	Acura	CL	3	WHNXV03.0ZL2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
21	1998	Acura	Integra	1.8	WHNXV01.8WA1	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
22	1998	Acura	Integra	1.8	WHNXV01.8XA1	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
23	1998	Acura	Integra	1.8	WHNXV01.8WA1	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
24	1998	Acura	Integra	1.8	WHNXV01.8XA1	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
25	1998	Acura	TL	2.5	WHNXV02.5GA1	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521168	ALL
26	1998	Acura	TL	2.5	WHNXV02.5GA1	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
27	1999	Acura	CL	2.3	XHNXV02.3RA1	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521177	ALL
28	1999	Acura	CL	2.3	XHNXV02.3RA1	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
29	1999	Acura	CL	3	XHNXV03.0ZL2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521002	ALL
30	1999	Acura	CL	3	XHNXV03.0ZL2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
31	1999	Acura	CL	3	XHNXV03.0ZL2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
32	1999	Acura	CL	3	XHNXV03.0ZL2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
33	1999	Acura	Integra	1.8	XHNXV01.8WA1	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
34	1999	Acura	Integra	1.8	XHNXV01.8XA1	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
35	1999	Acura	Integra	1.8	XHNXV01.8WA1	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
36	1999	Acura	Integra	1.8	XHNXV01.8XA1	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
37	1999	Acura	NSX	3.2	XHNXV03.2AA1	TIER1	PC	D	2TWC	2	2	U	DIRECT FIT	521002	ALL
38	1999	Acura	NSX	3.2	XHNXV03.2AA1	TIER1	PC	D	2TWC	2	2	U	DIRECT FIT	521037	ALL
39	1999	Acura	NSX	3.2	XHNXV03.2AA1	TIER1	PC	D	2TWC	2	2	U	UNIVERSAL	522500	ALL
40	1999	Acura	NSX	3.2	XHNXV03.2AA1	TIER1	PC	D	2TWC	2	2	U	UNIVERSAL	522520	ALL
41	1999	Acura	TL	3.2	XHNXV03.2GL2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521002	ALL
42	1999	Acura	TL	3.2	XHNXV03.2GL2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
43	1999	Acura	TL	3.2	XHNXV03.2GL2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL

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Bosal Industries-Georgia, Inc. 520000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	1999	Acura	TL	3.2	XHNXV03.2GL2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
45	2000	Acura	Integra	1.8	YHNXV01.8WA2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
46	2000	Acura	Integra	1.8	YHNXV01.8XA1	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
47	2000	Acura	Integra	1.8	YHNXV01.8XA2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
48	2000	Acura	Integra	1.8	YHNXV01.8WA2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
49	2000	Acura	Integra	1.8	YHNXV01.8XA1	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
50	2000	Acura	Integra	1.8	YHNXV01.8XA2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
51	2000	Acura	RL	3.5	YHNXV03.5YA3	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521041	ALL
52	2000	Acura	RL	3.5	YHNXV03.5YA3	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
53	2001	Acura	CL	3.2	1HNXV03.2K5U	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
54	2001	Acura	CL	3.2	1HNXV03.2K5U	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
55	2001	Acura	Integra	1.8	1HNXV01.833E	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
56	2001	Acura	Integra	1.8	1HNXV01.843E	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
57	2001	Acura	Integra	1.8	1HNXV01.8512	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521001	ALL
58	2001	Acura	Integra	1.8	1HNXV01.833E	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
59	2001	Acura	Integra	1.8	1HNXV01.843E	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
60	2001	Acura	Integra	1.8	1HNXV01.8512	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
61	2001	Acura	RL	3.5	1HNXV03.5A5U	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521041	ALL
62	2001	Acura	RL	3.5	1HNXV03.5A5U	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
63	2002	Acura	CL	3.2	2HNXV03.2X21	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
64	2002	Acura	CL	3.2	2HNXV03.2JYC	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
65	2002	Acura	CL	3.2	2HNXV03.2X21	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
66	2002	Acura	CL	3.2	2HNXV03.2JYC	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
67	2002	Acura	TL	3.2	2HNXV03.2X21	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
68	2002	Acura	TL	3.2	2HNXV03.2JYC	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
69	2002	Acura	TL	3.2	2HNXV03.2X21	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
70	2002	Acura	TL	3.2	2HNXV03.2JYC	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
71	2003	Acura	TL	3.2	3HNXV03.2AYC	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
72	2003	Acura	TL	3.2	3HNXV03.2CYC	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
73	2003	Acura	TL	3.2	3HNXV03.2AYC	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
74	2003	Acura	TL	3.2	3HNXV03.2CYC	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
75	1996	Audi	A4 Quattro	2.8	TAD2.8V8GFFM	TIER1	PC	D	2TWC	2	2	UL	DIRECT FIT	521054	ALL
76	1996	Audi	A4 Quattro	2.8	TAD2.8V8GFFM	TIER1	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
77	1996	Audi	A4 Quattro	2.8	TAD2.8V8GFFM	TIER1	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
78	1996	Audi	A4 Quattro	2.8	TAD2.8V8GFFM	TIER1	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
79	1996	Audi	A4	2.8	TAD2.8V8GFFM	TIER1	PC	D	2TWC	2	2	UL	DIRECT FIT	521054	ALL
80	1996	Audi	A4	2.8	TAD2.8V8GFFM	TIER1	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
81	1996	Audi	A4	2.8	TAD2.8V8GFFM	TIER1	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
82	1996	Audi	A4	2.8	TAD2.8V8GFFM	TIER1	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
83	1996	Audi	A6 Quattro	2.8	TAD2.8V8GFEM	TIER1	PC	D	2TWC	2	2	UL	DIRECT FIT	521053	ALL
84	1996	Audi	A6 Quattro	2.8	TAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521053	ALL
85	1996	Audi	A6 Quattro	2.8	TAD2.8V8GFEM	TIER1	PC	D	2TWC	2	2	UL	UNIVERSAL	522510	ALL
86	1996	Audi	A6 Quattro	2.8	TAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522510	ALL

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Bosal Industries-Georgia, Inc. 520000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	1996	Audi	A6 Quattro	2.8	TAD2.8V8GFEM	TIER1	PC	D	2TWC	2	2	UR	DIRECT FIT	521052	ALL
88	1996	Audi	A6 Quattro	2.8	TAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521052	ALL
89	1996	Audi	A6 Quattro	2.8	TAD2.8V8GFEM	TIER1	PC	D	2TWC	2	2	UR	UNIVERSAL	522510	ALL
90	1996	Audi	A6 Quattro	2.8	TAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522510	ALL
91	1996	Audi	A6	2.8	TAD2.8V8GFEM	TIER1	PC	D	2TWC	2	2	UL	DIRECT FIT	521053	ALL
92	1996	Audi	A6	2.8	TAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521053	ALL
93	1996	Audi	A6	2.8	TAD2.8V8GFEM	TIER1	PC	D	2TWC	2	2	UL	UNIVERSAL	522510	ALL
94	1996	Audi	A6	2.8	TAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522510	ALL
95	1996	Audi	A6	2.8	TAD2.8V8GFEM	TIER1	PC	D	2TWC	2	2	UR	DIRECT FIT	521052	ALL
96	1996	Audi	A6	2.8	TAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521052	ALL
97	1996	Audi	A6	2.8	TAD2.8V8GFEM	TIER1	PC	D	2TWC	2	2	UR	UNIVERSAL	522510	ALL
98	1996	Audi	A6	2.8	TAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522510	ALL
99	1997	Audi	A4 Quattro	1.8	VAD1.8VJGKEM	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521031	ALL
100	1997	Audi	A4 Quattro	1.8	VAD1.8VJGKEM	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
101	1997	Audi	A4 Quattro	2.8	VAD2.8V8GKFM	TIER1	PC	D	2TWC	2	2	UL	DIRECT FIT	521054	ALL
102	1997	Audi	A4 Quattro	2.8	VAD2.8V8GKFM	TIER1	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
103	1997	Audi	A4 Quattro	2.8	VAD2.8V8GKFM	TIER1	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
104	1997	Audi	A4 Quattro	2.8	VAD2.8V8GKFM	TIER1	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
105	1997	Audi	A4	1.8	VAD1.8VJGKEM	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521031	ALL
106	1997	Audi	A4	1.8	VAD1.8VJGKEM	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
107	1997	Audi	A4	2.8	VAD2.8V8GKFM	TIER1	PC	D	2TWC	2	2	UL	DIRECT FIT	521054	ALL
108	1997	Audi	A4	2.8	VAD2.8V8GKFM	TIER1	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
109	1997	Audi	A4	2.8	VAD2.8V8GKFM	TIER1	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
110	1997	Audi	A4	2.8	VAD2.8V8GKFM	TIER1	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
111	1997	Audi	A6 Quattro	2.8	VAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521053	ALL
112	1997	Audi	A6 Quattro	2.8	VAD2.8V8GKEM	TIER1	PC	D	2TWC	2	2	UL	DIRECT FIT	521053	ALL
113	1997	Audi	A6 Quattro	2.8	VAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522510	ALL
114	1997	Audi	A6 Quattro	2.8	VAD2.8V8GKEM	TIER1	PC	D	2TWC	2	2	UL	UNIVERSAL	522510	ALL
115	1997	Audi	A6 Quattro	2.8	VAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521052	ALL
116	1997	Audi	A6 Quattro	2.8	VAD2.8V8GKEM	TIER1	PC	D	2TWC	2	2	UR	DIRECT FIT	521052	ALL
117	1997	Audi	A6 Quattro	2.8	VAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522510	ALL
118	1997	Audi	A6 Quattro	2.8	VAD2.8V8GKEM	TIER1	PC	D	2TWC	2	2	UR	UNIVERSAL	522510	ALL
119	1997	Audi	A6	2.8	VAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521053	ALL
120	1997	Audi	A6	2.8	VAD2.8V8GKEM	TIER1	PC	D	2TWC	2	2	UL	DIRECT FIT	521053	ALL
121	1997	Audi	A6	2.8	VAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522510	ALL
122	1997	Audi	A6	2.8	VAD2.8V8GKEM	TIER1	PC	D	2TWC	2	2	UL	UNIVERSAL	522510	ALL
123	1997	Audi	A6	2.8	VAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521052	ALL
124	1997	Audi	A6	2.8	VAD2.8V8GKEM	TIER1	PC	D	2TWC	2	2	UR	DIRECT FIT	521052	ALL
125	1997	Audi	A6	2.8	VAD2.8V8G2EM	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522510	ALL
126	1997	Audi	A6	2.8	VAD2.8V8GKEM	TIER1	PC	D	2TWC	2	2	UR	UNIVERSAL	522510	ALL
127	1998	Audi	A4 Quattro	1.8	WADXV01.8322	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521031	ALL
128	1998	Audi	A4 Quattro	1.8	WADXV01.8322	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
129	1998	Audi	A4 Quattro	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521054	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	1998	Audi	A4 Quattro	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
131	1998	Audi	A4 Quattro	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
132	1998	Audi	A4 Quattro	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
133	1998	Audi	A4	1.8	WADXV01.8322	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521031	ALL
134	1998	Audi	A4	1.8	WADXV01.8322	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
135	1998	Audi	A4	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521054	ALL
136	1998	Audi	A4	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
137	1998	Audi	A4	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
138	1998	Audi	A4	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
139	1998	Audi	A6 Quattro	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521162	ALL
140	1998	Audi	A6 Quattro	2.8	WADXV02.8327	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521162	ALL
141	1998	Audi	A6 Quattro	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
142	1998	Audi	A6 Quattro	2.8	WADXV02.8327	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
143	1998	Audi	A6 Quattro	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
144	1998	Audi	A6 Quattro	2.8	WADXV02.8327	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
145	1998	Audi	A6 Quattro	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
146	1998	Audi	A6 Quattro	2.8	WADXV02.8327	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
147	1998	Audi	A6	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521162	ALL
148	1998	Audi	A6	2.8	WADXV02.8327	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521162	ALL
149	1998	Audi	A6	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
150	1998	Audi	A6	2.8	WADXV02.8327	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
151	1998	Audi	A6	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
152	1998	Audi	A6	2.8	WADXV02.8327	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
153	1998	Audi	A6	2.8	WADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
154	1998	Audi	A6	2.8	WADXV02.8327	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
155	1999	Audi	A4 Quattro	1.8	XADXV01.8322	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521031	ALL
156	1999	Audi	A4 Quattro	1.8	XADXV01.8322	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
157	1999	Audi	A4 Quattro	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521054	ALL
158	1999	Audi	A4 Quattro	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
159	1999	Audi	A4 Quattro	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
160	1999	Audi	A4 Quattro	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
161	1999	Audi	A4	1.8	XADXV01.8322	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521031	ALL
162	1999	Audi	A4	1.8	XADXV01.8322	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
163	1999	Audi	A4	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521054	ALL
164	1999	Audi	A4	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
165	1999	Audi	A4	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
166	1999	Audi	A4	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
167	1999	Audi	A6 Quattro	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521162	ALL
168	1999	Audi	A6 Quattro	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
169	1999	Audi	A6 Quattro	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
170	1999	Audi	A6 Quattro	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
171	1999	Audi	A6	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521162	ALL
172	1999	Audi	A6	2.8	XADXV02.8324	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	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	1999	Audi	A6	2.8	XAD XV02.8324	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521055	ALL
174	1999	Audi	A6	2.8	XAD XV02.8324	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
175	2000	Audi	A4 Quattro	1.8	YAD XV01.8332	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521031	ALL
176	2000	Audi	A4 Quattro	1.8	YAD XV01.8332	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
177	2000	Audi	A4	1.8	YAD XV01.8332	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521031	ALL
178	2000	Audi	A4	1.8	YAD XV01.8332	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
179	1996	BMW	318i	1.9	TBM1.9VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521048	ALL
180	1996	BMW	318i	1.9	TBM1.9VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
181	1996	BMW	318is	1.9	TBM1.9VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521048	ALL
182	1996	BMW	318is	1.9	TBM1.9VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
183	1996	BMW	328i	2.8	TBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521050	ALL
184	1996	BMW	328i	2.8	TBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
185	1996	BMW	328i	2.8	TBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
186	1996	BMW	328is	2.8	TBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521050	ALL
187	1996	BMW	328is	2.8	TBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
188	1996	BMW	328is	2.8	TBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
189	1996	BMW	M3	3.2	TBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521050	ALL
190	1996	BMW	M3	3.2	TBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
191	1996	BMW	M3	3.2	TBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
192	1997	BMW	318i	1.9	VBM1.9VJGFEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521048	ALL
193	1997	BMW	318i	1.9	VBM1.9VJGKFK	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521048	ALL
194	1997	BMW	318i	1.9	VBM1.9VJGFEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
195	1997	BMW	318i	1.9	VBM1.9VJGKFK	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
196	1997	BMW	318is	1.9	VBM1.9VJGFEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521048	ALL
197	1997	BMW	318is	1.9	VBM1.9VJGKFK	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521048	ALL
198	1997	BMW	318is	1.9	VBM1.9VJGFEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
199	1997	BMW	318is	1.9	VBM1.9VJGKFK	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
200	1997	BMW	328i	2.8	VBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521050	ALL
201	1997	BMW	328i	2.8	VBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
202	1997	BMW	328i	2.8	VBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
203	1997	BMW	328is	2.8	VBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521050	ALL
204	1997	BMW	328is	2.8	VBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
205	1997	BMW	328is	2.8	VBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
206	1997	BMW	528i	2.8	VBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521051	ALL
207	1997	BMW	528i	2.8	VBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
208	1997	BMW	528i	2.8	VBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
209	1997	BMW	540i	4.4	VBM4.4VJGKEK	TIER1	PC	D	2TWC	2	2	UL	DIRECT FIT	521035	ALL
210	1997	BMW	540i	4.4	VBM4.4VJGKEK	TIER1	PC	D	2TWC	2	2	UL	UNIVERSAL	522500	ALL
211	1997	BMW	540i	4.4	VBM4.4VJGKEK	TIER1	PC	D	2TWC	2	2	UR	DIRECT FIT	521034	ALL
212	1997	BMW	540i	4.4	VBM4.4VJGKEK	TIER1	PC	D	2TWC	2	2	UR	UNIVERSAL	522500	ALL
213	1997	BMW	M3	3.2	VBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521050	ALL
214	1997	BMW	M3	3.2	VBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
215	1997	BMW	M3	3.2	VBM2.8VJGKEK	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	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	1998	BMW	318i	1.9	WBMXV01.9M44	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521048	ALL
217	1998	BMW	318i	1.9	WBMXV01.9M44	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
218	1998	BMW	328i	2.8	WBMXV02.8M52	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521050	ALL
219	1998	BMW	328i	2.8	WBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
220	1998	BMW	328i	2.8	WBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
221	1998	BMW	328is	2.8	WBMXV02.8M52	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521050	ALL
222	1998	BMW	328is	2.8	WBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
223	1998	BMW	328is	2.8	WBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
224	1998	BMW	528i	2.8	WBMXV02.8M52	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521051	ALL
225	1998	BMW	528i	2.8	WBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
226	1998	BMW	528i	2.8	WBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
227	1998	BMW	540i	4.4	WBMXV04.4M62	TIER1	PC	D	2TWC	2	2	UL	DIRECT FIT	521035	ALL
228	1998	BMW	540i	4.4	WBMXV04.4M62	TIER1	PC	D	2TWC	2	2	UL	UNIVERSAL	522500	ALL
229	1998	BMW	540i	4.4	WBMXV04.4M62	TIER1	PC	D	2TWC	2	2	UR	DIRECT FIT	521034	ALL
230	1998	BMW	540i	4.4	WBMXV04.4M62	TIER1	PC	D	2TWC	2	2	UR	UNIVERSAL	522500	ALL
231	1998	BMW	M3	3.2	WBMXV02.8M52	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521050	ALL
232	1998	BMW	M3	3.2	WBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
233	1998	BMW	M3	3.2	WBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
234	1999	BMW	328i	2.8	XBMXV02.8M52	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521050	ALL
235	1999	BMW	328i	2.8	XBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
236	1999	BMW	328i	2.8	XBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
237	1999	BMW	328is	2.8	XBMXV02.8M52	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521050	ALL
238	1999	BMW	328is	2.8	XBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
239	1999	BMW	328is	2.8	XBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
240	1999	BMW	M3	3.2	XBMXV02.8M52	TLEV	PC	D	2TWC	2	2	U	DIRECT FIT	521050	ALL
241	1999	BMW	M3	3.2	XBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
242	1999	BMW	M3	3.2	XBMXV02.8M52	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
243	2000	Buick	Park Avenue	3.8	YGMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
244	2000	Buick	Regal	3.8	YGMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
245	2001	Buick	Park Avenue	3.8	1GMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
246	2001	Buick	Regal	3.8	1GMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
247	2002	Buick	Park Avenue	3.8	2GMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
248	2002	Buick	Regal	3.8	2GMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
249	1998	Chevrolet	Prizm	1.8	WNTXV01.8DXB	LEV1 LEV	PC	DS	TWC	1	1	U	DIRECT FIT	521019	ALL
250	1998	Chevrolet	Prizm	1.8	WNTXV01.8DXB	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
251	1999	Chevrolet	Prizm	1.8	XNTXV01.8DXB	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521019	ALL
252	1999	Chevrolet	Prizm	1.8	XNTXV01.8DXB	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
253	2000	Chevrolet	Camaro	3.8	YGMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
254	2000	Chevrolet	Prizm	1.8	YNTXV01.8FFA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521019	ALL
255	2000	Chevrolet	Prizm	1.8	YNTXV01.8FFA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
256	2001	Chevrolet	Camaro	3.8	1GMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
257	2001	Chevrolet	Prizm	1.8	1NTXV01.8FFA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521019	ALL
258	2001	Chevrolet	Prizm	1.8	1NTXV01.8FFA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	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	2002	Chevrolet	Camaro	3.8	2GMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
260	2002	Chevrolet	Prizm	1.8	2NTXV01.8FFA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521019	ALL
261	2002	Chevrolet	Prizm	1.8	2NTXV01.8FFA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
262	1996	Ford	Escort	1.8	TFM1.8VJG1EK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521182	ALL
263	1996	Ford	Escort	1.8	TFM1.8VJG1EK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521183	ALL
264	1996	Ford	Escort	1.8	TFM1.8VJG1EK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
265	1996	Geo	Metro	1.3	TSK1.3V5GDFB	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521184	ALL
266	1996	Geo	Metro	1.3	TSK1.3V5GDFB	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
267	1996	Geo	Prizm	1.6	TNT1.8VJG1GK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521192	ALL
268	1996	Geo	Prizm	1.6	TNT1.8VJG1GK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
269	1996	Geo	Prizm	1.8	TNT1.8VJG1GK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521192	ALL
270	1996	Geo	Prizm	1.8	TNT1.8VJG1GK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
271	1997	Geo	Prizm	1.6	VNT1.8VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521192	ALL
272	1997	Geo	Prizm	1.6	VNT1.8VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
273	1997	Geo	Prizm	1.8	VNT1.8VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521192	ALL
274	1997	Geo	Prizm	1.8	VNT1.8VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
275	1996	Honda	Accord	2.2	THN2.2VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521177	ALL
276	1996	Honda	Accord	2.2	THN2.2VJG1EK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521177	ALL
277	1996	Honda	Accord	2.2	THN2.2VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
278	1996	Honda	Accord	2.2	THN2.2VJG1EK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
279	1996	Honda	Accord	2.7	THN2.7VJG1EK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521175	ALL
280	1996	Honda	Accord	2.7	THN2.7VJG1EK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
281	1996	Honda	Civic del Sol	1.6	THN1.6VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521056	ALL
282	1996	Honda	Civic del Sol	1.6	THN1.6VJGKHK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521056	ALL
283	1996	Honda	Civic del Sol	1.6	THN1.6VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
284	1996	Honda	Civic del Sol	1.6	THN1.6VJGKHK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
285	1996	Honda	Civic	1.6	THN1.6VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521056	ALL
286	1996	Honda	Civic	1.6	THN1.6VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
287	1996	Honda	Odyssey	2.2	THN2.2VJGKGK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521029	ALL
288	1996	Honda	Odyssey	2.2	THN2.2VJGKGK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
289	1997	Honda	Accord	2.2	VHN2.2VJGKFK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521177	ALL
290	1997	Honda	Accord	2.2	VHN2.2VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521177	ALL
291	1997	Honda	Accord	2.2	VHN2.2VJGKFK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
292	1997	Honda	Accord	2.2	VHN2.2VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
293	1997	Honda	Accord	2.7	VHN2.7VJG1EK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521175	ALL
294	1997	Honda	Accord	2.7	VHN2.7VJG1EK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
295	1997	Honda	Civic del Sol	1.6	VHN1.6VJGKHK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521056	ALL
296	1997	Honda	Civic del Sol	1.6	VHN1.6VJGKHK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
297	1997	Honda	Civic	1.6	VHN1.6VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521056	ALL
298	1997	Honda	Civic	1.6	VHN1.6VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
299	1997	Honda	Odyssey	2.2	VHN2.2VJGKGK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521029	ALL
300	1997	Honda	Odyssey	2.2	VHN2.2VJGKGK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
301	1998	Honda	Accord	2.3	WHNXXV02.3PA3	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521036	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	1998	Honda	Accord	2.3	WHNXV02.3PL2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521036	ALL
303	1998	Honda	Accord	2.3	WHNXV02.3PA3	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
304	1998	Honda	Accord	2.3	WHNXV02.3PL2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
305	1998	Honda	Accord	3	WHNXV03.0FL2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521002	ALL
306	1998	Honda	Accord	3	WHNXV03.0FL2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
307	1998	Honda	Accord	3	WHNXV03.0FL2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
308	1998	Honda	Accord	3	WHNXV03.0FL2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
309	1998	Honda	Civic	1.6	WHNXV01.6TA1	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521056	ALL
310	1998	Honda	Civic	1.6	WHNXV01.6TA1	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
311	1998	Honda	Odyssey	2.3	WHNXV02.3BA1	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521029	ALL
312	1998	Honda	Odyssey	2.3	WHNXV02.3BA1	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
313	1999	Honda	Accord	2.3	XHNXV02.3PA3	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521036	ALL
314	1999	Honda	Accord	2.3	XHNXV02.3PL2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521036	ALL
315	1999	Honda	Accord	2.3	XHNXV02.3PA3	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
316	1999	Honda	Accord	2.3	XHNXV02.3PL2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
317	1999	Honda	Accord	3	XHNXV03.0FL2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521002	ALL
318	1999	Honda	Accord	3	XHNXV03.0FL2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
319	1999	Honda	Accord	3	XHNXV03.0FL2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
320	1999	Honda	Accord	3	XHNXV03.0FL2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
321	1999	Honda	Civic	1.6	XHNXV01.6TA3	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521003	ALL
322	1999	Honda	Civic	1.6	XHNXV01.6VA2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521003	ALL
323	1999	Honda	Civic	1.6	XHNXV01.6TA3	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
324	1999	Honda	Civic	1.6	XHNXV01.6VA2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
325	2000	Honda	Accord	3	YHNXV03.0FA3	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521002	ALL
326	2000	Honda	Accord	3	YHNXV03.0FA3	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
327	2000	Honda	Accord	3	YHNXV03.0FA3	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
328	2000	Honda	Accord	3	YHNXV03.0FA3	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
329	2000	Honda	Civic	1.6	YHNXV01.6TA3	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521003	ALL
330	2000	Honda	Civic	1.6	YHNXV01.6VA2	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521003	ALL
331	2000	Honda	Civic	1.6	YHNXV01.6TA3	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
332	2000	Honda	Civic	1.6	YHNXV01.6VA2	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
333	2001	Honda	Accord	3	1HNXV03.0M5U	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521002	ALL
334	2001	Honda	Accord	3	1HNXV03.0M5U	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
335	2001	Honda	Accord	3	1HNXV03.0M5U	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
336	2001	Honda	Accord	3	1HNXV03.0M5U	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
337	2002	Honda	Accord	2.3	2HNXV02.3PNP	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521036	ALL
338	2002	Honda	Accord	2.3	2HNXV02.3RDA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521036	ALL
339	2002	Honda	Accord	2.3	2HNXV02.3PNP	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
340	2002	Honda	Accord	2.3	2HNXV02.3RDA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
341	2002	Honda	Accord	3	2HNXV03.0WYC	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521002	ALL
342	2002	Honda	Accord	3	2HNXV03.0WYC	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521037	ALL
343	2002	Honda	Accord	3	2HNXV03.0WYC	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
344	2002	Honda	Accord	3	2HNXV03.0WYC	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL

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345	1996	Hyundai	Accent	1.5	THY1.5VJG1FK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521180	ALL
346	1996	Hyundai	Accent	1.5	THY1.5VJG2FK	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521180	ALL
347	1996	Hyundai	Accent	1.5	THY1.5VJG1FK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
348	1996	Hyundai	Accent	1.5	THY1.5VJG2FK	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
349	1996	Hyundai	Elantra	1.8	THY1.8VJG1FK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521180	ALL
350	1996	Hyundai	Elantra	1.8	THY1.8VJG1FK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
351	1996	Hyundai	Sonata	3	THY3.0V8G1FK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521178	ALL
352	1996	Hyundai	Sonata	3	THY3.0V8G1FK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
353	1997	Hyundai	Accent	1.5	VHY1.5VJG2EK	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521180	ALL
354	1997	Hyundai	Accent	1.5	VHY1.5VJG1EK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521180	ALL
355	1997	Hyundai	Accent	1.5	VHY1.5VJG2EK	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
356	1997	Hyundai	Accent	1.5	VHY1.5VJG1EK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
357	1997	Hyundai	Elantra	1.8	VHY1.8VJG1EK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521180	ALL
358	1997	Hyundai	Elantra	1.8	VHY1.8VJG1EK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
359	1997	Hyundai	Sonata	3	VHY3.0V8G1EK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521178	ALL
360	1997	Hyundai	Sonata	3	VHY3.0V8G1EK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
361	1998	Hyundai	Sonata	3	WHYXV03.01UM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521178	ALL
362	1998	Hyundai	Sonata	3	WHYXV03.01UM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
363	1996	Infiniti	G20	2	TNS2.0VJGFFK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521179	ALL
364	1996	Infiniti	G20	2	TNS2.0VJGFFK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
365	1997	Isuzu	Oasis	2.2	VHN2.2VJGKGK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521029	ALL
366	1997	Isuzu	Oasis	2.2	VHN2.2VJGKGK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
367	1998	Isuzu	Oasis	2.3	WHNXV02.3BA1	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521029	ALL
368	1998	Isuzu	Oasis	2.3	WHNXV02.3BA1	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
369	1999	Isuzu	Oasis	2.3	XHNXV02.3BA1	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521029	ALL
370	1999	Isuzu	Oasis	2.3	XHNXV02.3BA1	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
371	1996	Lexus	ES300	3	TTY3.0VJG1GK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521004	ALL
372	1996	Lexus	ES300	3	TTY3.0VJG1GK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521033	ALL
373	1996	Lexus	ES300	3	TTY3.0VJG1GK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
374	1996	Lexus	ES300	3	TTY3.0VJG1GK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
375	1997	Lexus	ES300	3	VTY3.0VJGKFK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521024	ALL
376	1997	Lexus	ES300	3	VTY3.0VJGKFK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
377	1997	Lexus	ES300	3	VTY3.0VJGKFK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
378	1996	Nissan	200SX	2	TNS2.0VJGFKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521179	ALL
379	1996	Nissan	200SX	2	TNS2.0VJGFKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
380	2000	Pontiac	Bonneville	3.8	YGMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
381	2000	Pontiac	Firebird	3.8	YGMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
382	2000	Pontiac	Grand Prix	3.8	YGMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
383	2001	Pontiac	Bonneville	3.8	1GMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
384	2001	Pontiac	Firebird	3.8	1GMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
385	2001	Pontiac	Grand Prix	3.8	1GMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
386	2002	Pontiac	Bonneville	3.8	2GMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
387	2002	Pontiac	Firebird	3.8	2GMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL

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388	2002	Pontiac	Grand Prix	3.8	2GMXV03.8043	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
389	2005	Pontiac	Vibe	1.8	5NTXV01.8VRA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521022	ALL
390	2005	Pontiac	Vibe	1.8	5NTXV01.8VRA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
391	2006	Pontiac	Vibe	1.8	6NTXV01.8VRA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521022	ALL
392	2006	Pontiac	Vibe	1.8	6NTXV01.8VRA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
393	2004	Scion	xA	1.5	4TYXV01.5VMA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521018	ALL
394	2004	Scion	xA	1.5	4TYXV01.5VMA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
395	2004	Scion	xB	1.5	4TYXV01.5VMA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521028	ALL
396	2004	Scion	xB	1.5	4TYXV01.5VMA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
397	2005	Scion	xA	1.5	5TYXV01.5VMA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521018	ALL
398	2005	Scion	xA	1.5	5TYXV01.5VMA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
399	2005	Scion	xB	1.5	5TYXV01.5VMA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521028	ALL
400	2005	Scion	xB	1.5	5TYXV01.5VMA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
401	2006	Scion	xA	1.5	6TYXV01.5VMB	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521018	ALL
402	2006	Scion	xA	1.5	6TYXV01.5VMB	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
403	2006	Scion	xB	1.5	6TYXV01.5VMB	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521028	ALL
404	2006	Scion	xB	1.5	6TYXV01.5VMB	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
405	1996	Suzuki	Swift	1.3	TSK1.3V5GDFB	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521184	ALL
406	1996	Suzuki	Swift	1.3	TSK1.3V5GDFB	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
407	1997	Suzuki	Sidekick	1.6	VSK1.61JGKHK	TIER1	LDT1	S	TWC	1	1	U	DIRECT FIT	521191	ALL
408	1997	Suzuki	Sidekick	1.6	VSK1.61JGKHK	TIER1	LDT1	S	TWC	1	1	U	UNIVERSAL	522500	ALL
409	1997	Suzuki	Sidekick	1.8	VSK1.81JGKHK	TIER1	LDT1	S	TWC	1	1	U	DIRECT FIT	521191	ALL
410	1997	Suzuki	Sidekick	1.8	VSK1.81JGKHK	TIER1	LDT1	S	TWC	1	1	U	UNIVERSAL	522500	ALL
411	1997	Suzuki	Swift	1.3	VSK1.3V5G3GK	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521184	ALL
412	1997	Suzuki	Swift	1.3	VSK1.3V5G3GK	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
413	1997	Suzuki	X-90	1.6	VSK1.6VJGKHK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521182	ALL
414	1997	Suzuki	X-90	1.6	VSK1.6VJGKHK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
415	1998	Suzuki	X-90	1.6	WSKXV1.59CMC	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521182	ALL
416	1998	Suzuki	X-90	1.6	WSKXV1.59CMC	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
417	1996	Toyota	Avalon	3	TTY3.0VJG1GK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521033	ALL
418	1996	Toyota	Avalon	3	TTY3.0VJG1GK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
419	1996	Toyota	Camry	3	TTY3.0VJG1GK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521033	ALL
420	1996	Toyota	Camry	3	TTY3.0VJG1GK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
421	1996	Toyota	Celica	1.8	TTY1.8VJG1GK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521192	ALL
422	1996	Toyota	Celica	1.8	TTY1.8VJG1GK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
423	1996	Toyota	Corolla	1.6	TTY1.8VJG1GK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521192	ALL
424	1996	Toyota	Corolla	1.6	TTY1.8VJG1GK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
425	1996	Toyota	Corolla	1.8	TTY1.8VJG1GK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521192	ALL
426	1996	Toyota	Corolla	1.8	TTY1.8VJG1GK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
427	1996	Toyota	Paseo	1.5	TTY1.5VHGFEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521197	ALL
428	1996	Toyota	Paseo	1.5	TTY1.5VHGFEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
429	1996	Toyota	T100	3.4	TTY3.41JG1GK	TIER1	LDT1	S	TWC	1	1	U	DIRECT FIT	521159	ALL
430	1996	Toyota	T100	3.4	TTY3.41JG1GK	TIER1	LDT1	S	TWC	1	1	U	UNIVERSAL	522500	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	1996	Toyota	Tacoma	3.4	TTY3.41JGFEK	TIER1	LDT1	S	TWC	1	1	U	DIRECT FIT	521159	ALL
432	1996	Toyota	Tacoma	3.4	TTY3.41JGFEK	TIER1	LDT1	S	TWC	1	1	U	UNIVERSAL	522500	ALL
433	1996	Toyota	Tercel	1.5	TTY1.5VHGFEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521197	ALL
434	1996	Toyota	Tercel	1.5	TTY1.5VHGFEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
435	1997	Toyota	Avalon	3	VTY3.0VJGKFK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521004	ALL
436	1997	Toyota	Avalon	3	VTY3.0VJGKFK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521024	ALL
437	1997	Toyota	Avalon	3	VTY3.0VJGKFK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
438	1997	Toyota	Avalon	3	VTY3.0VJGKFK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
439	1997	Toyota	Camry	3	VTY3.0VJGKFK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521004	ALL
440	1997	Toyota	Camry	3	VTY3.0VJGKFK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521024	ALL
441	1997	Toyota	Camry	3	VTY3.0VJGKFK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
442	1997	Toyota	Camry	3	VTY3.0VJGKFK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
443	1997	Toyota	Celica	1.8	VTY1.8VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521192	ALL
444	1997	Toyota	Celica	1.8	VTY1.8VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
445	1997	Toyota	Corolla	1.6	VTY1.8VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521192	ALL
446	1997	Toyota	Corolla	1.6	VTY1.8VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
447	1997	Toyota	Corolla	1.8	VTY1.8VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521192	ALL
448	1997	Toyota	Corolla	1.8	VTY1.8VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
449	1997	Toyota	Paseo	1.5	VTY1.5VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521197	ALL
450	1997	Toyota	Paseo	1.5	VTY1.5VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
451	1997	Toyota	Tercel	1.5	VTY1.5VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521197	ALL
452	1997	Toyota	Tercel	1.5	VTY1.5VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
453	1998	Toyota	Camry	3	WTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521004	ALL
454	1998	Toyota	Camry	3	WTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
455	1998	Toyota	Camry	3	WTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
456	1998	Toyota	Corolla	1.8	WTYXV01.8DXB	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521019	ALL
457	1998	Toyota	Corolla	1.8	WTYXV01.8DXB	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
458	1998	Toyota	Paseo	1.5	WTYXV01.5BBA	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521197	ALL
459	1998	Toyota	Paseo	1.5	WTYXV01.5BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
460	1998	Toyota	Tercel	1.5	WTYXV01.5BBA	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521197	ALL
461	1998	Toyota	Tercel	1.5	WTYXV01.5BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
462	1999	Toyota	Camry	3	XTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521004	ALL
463	1999	Toyota	Camry	3	XTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521024	ALL
464	1999	Toyota	Camry	3	XTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
465	1999	Toyota	Camry	3	XTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
466	1999	Toyota	Corolla	1.8	XTYXV01.8DXB	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521019	ALL
467	1999	Toyota	Corolla	1.8	XTYXV01.8DXB	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
468	1999	Toyota	Solara	3	XTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521024	ALL
469	1999	Toyota	Solara	3	XTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
470	1999	Toyota	Solara	3	XTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
471	2000	Toyota	Camry	3	YTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521004	ALL
472	2000	Toyota	Camry	3	YTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521024	ALL
473	2000	Toyota	Camry	3	YTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	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	Toyota	Camry	3	YTYXV03.0BBA	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
475	2000	Toyota	Corolla	1.8	YTYXV01.8FFA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521019	ALL
476	2000	Toyota	Corolla	1.8	YTYXV01.8FFA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
477	2000	Toyota	Echo	1.5	YTYXV01.5FFA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521018	ALL
478	2000	Toyota	Echo	1.5	YTYXV01.5FFA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
479	2001	Toyota	Corolla	1.8	1TYXV01.8FFA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521019	ALL
480	2001	Toyota	Corolla	1.8	1TYXV01.8FFA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
481	2001	Toyota	Echo	1.5	1TYXV01.5FFA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521018	ALL
482	2001	Toyota	Echo	1.5	1TYXV01.5FFA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
483	2002	Toyota	Corolla	1.8	2TYXV01.8FFA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521019	ALL
484	2002	Toyota	Corolla	1.8	2TYXV01.8FFA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
485	2002	Toyota	Echo	1.5	2TYXV01.5FFA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521018	ALL
486	2002	Toyota	Echo	1.5	2TYXV01.5FFA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
487	2003	Toyota	Echo	1.5	3TYXV01.5FFA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521018	ALL
488	2003	Toyota	Echo	1.5	3TYXV01.5FFA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
489	2004	Toyota	Echo	1.5	4TYXV01.5VMA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521018	ALL
490	2004	Toyota	Echo	1.5	4TYXV01.5VMA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
491	2004	Toyota	Matrix	1.8	4TYXV01.8VRE	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521022	ALL
492	2004	Toyota	Matrix	1.8	4TYXV01.8VRE	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
493	2005	Toyota	Echo	1.5	5TYXV01.5VMA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521018	ALL
494	2005	Toyota	Echo	1.5	5TYXV01.5VMA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
495	2005	Toyota	Matrix	1.8	5TYXV01.8VRA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521022	ALL
496	2005	Toyota	Matrix	1.8	5TYXV01.8VRA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
497	2006	Toyota	Corolla	1.8	6TYXV01.8VRA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521022	ALL
498	2006	Toyota	Corolla	1.8	6TYXV01.8VRA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
499	2006	Toyota	Matrix	1.8	6TYXV01.8VRA	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521022	ALL
500	2006	Toyota	Matrix	1.8	6TYXV01.8VRA	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
501	1996	Volkswagen	Cabrio	2	TVW2.0V8GFEM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
502	1996	Volkswagen	Cabrio	2	TVW2.0V8GFEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
503	1996	Volkswagen	Golf	2	TVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
504	1996	Volkswagen	Golf	2	TVW2.0V8G2EL	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
505	1996	Volkswagen	Golf	2	TVW2.0V8G2EL	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
506	1996	Volkswagen	Golf	2	TVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
507	1996	Volkswagen	Golf	2.8	TVW2.8V8GFGM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
508	1996	Volkswagen	Golf	2.8	TVW2.8V8GFGM	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
509	1996	Volkswagen	Golf	2.8	TVW2.8V8GFGM	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
510	1996	Volkswagen	Golf	2.8	TVW2.8V8GFGM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
511	1996	Volkswagen	Jetta	2	TVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
512	1996	Volkswagen	Jetta	2	TVW2.0V8G2EL	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
513	1996	Volkswagen	Jetta	2	TVW2.0V8G2EL	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
514	1996	Volkswagen	Jetta	2	TVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
515	1996	Volkswagen	Jetta	2.8	TVW2.8V8GFGM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
516	1996	Volkswagen	Jetta	2.8	TVW2.8V8GFGM	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521193	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	1996	Volkswagen	Jetta	2.8	TVW2.8V8GFGM	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
518	1996	Volkswagen	Jetta	2.8	TVW2.8V8GFGM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
519	1996	Volkswagen	Passat	2	TVW2.0V8GFEM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
520	1996	Volkswagen	Passat	2	TVW2.0V8GFEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
521	1996	Volkswagen	Passat	2.8	TVW2.8V8GFGM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
522	1996	Volkswagen	Passat	2.8	TVW2.8V8GFGM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
523	1997	Volkswagen	Cabrio	2	VVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
524	1997	Volkswagen	Cabrio	2	VVW2.0V8GKEM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
525	1997	Volkswagen	Golf	2	VVW2.0V8G2EL	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
526	1997	Volkswagen	Golf	2	VVW2.0V8GKEM	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
527	1997	Volkswagen	Golf	2	VVW2.0V8GKEM	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
528	1997	Volkswagen	Golf	2	VVW2.0V8G2EL	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
529	1997	Volkswagen	Golf	2.8	VVW2.8V8GFGM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
530	1997	Volkswagen	Golf	2.8	VVW2.8V8GFGM	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
531	1997	Volkswagen	Golf	2.8	VVW2.8V8GFGM	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
532	1997	Volkswagen	Golf	2.8	VVW2.8V8GFGM	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
533	1997	Volkswagen	Jetta	2	VVW2.0V8G2EL	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
534	1997	Volkswagen	Jetta	2	VVW2.0V8GKEM	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
535	1997	Volkswagen	Jetta	2	VVW2.0V8GKEM	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
536	1997	Volkswagen	Jetta	2	VVW2.0V8G2EL	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
537	1997	Volkswagen	Jetta	2.8	VVW2.8V8GFGM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
538	1997	Volkswagen	Jetta	2.8	VVW2.8V8GFGM	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
539	1997	Volkswagen	Jetta	2.8	VVW2.8V8GFGM	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
540	1997	Volkswagen	Jetta	2.8	VVW2.8V8GFGM	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
541	1997	Volkswagen	Passat	2.8	VVW2.8V8GFGM	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
542	1997	Volkswagen	Passat	2.8	VVW2.8V8GFGM	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
543	1998	Volkswagen	Beetle	2	WVWXXV02.0226	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521032	ALL
544	1998	Volkswagen	Beetle	2	WVWXXV02.0226	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
545	1998	Volkswagen	Cabrio	2	WVWXXV02.0223	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
546	1998	Volkswagen	Cabrio	2	WVWXXV02.0223	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
547	1998	Volkswagen	Golf	2	WVWXXV02.0223	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
548	1998	Volkswagen	Golf	2	WVWXXV02.0223	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
549	1998	Volkswagen	Golf	2	WVWXXV02.0223	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
550	1998	Volkswagen	Golf	2	WVWXXV02.0223	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
551	1998	Volkswagen	Golf	2.8	WVWXXV02.8224	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
552	1998	Volkswagen	Golf	2.8	WVWXXV02.8224	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
553	1998	Volkswagen	Golf	2.8	WVWXXV02.8224	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
554	1998	Volkswagen	Golf	2.8	WVWXXV02.8224	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
555	1998	Volkswagen	Jetta	2	WVWXXV02.0223	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
556	1998	Volkswagen	Jetta	2	WVWXXV02.0223	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
557	1998	Volkswagen	Jetta	2	WVWXXV02.0223	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
558	1998	Volkswagen	Jetta	2	WVWXXV02.0223	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
559	1998	Volkswagen	Jetta	2.8	WVWXXV02.8224	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521173	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	1998	Volkswagen	Jetta	2.8	WVWXV02.8224	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
561	1998	Volkswagen	Jetta	2.8	WVWXV02.8224	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
562	1998	Volkswagen	Jetta	2.8	WVWXV02.8224	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
563	1998	Volkswagen	Passat	1.8	WADXXV01.8322	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521031	ALL
564	1998	Volkswagen	Passat	1.8	WADXXV01.8322	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
565	1998	Volkswagen	Passat	2	WADXXV01.8322	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
566	1998	Volkswagen	Passat	2.8	WADXXV02.8324	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521162	ALL
567	1998	Volkswagen	Passat	2.8	WADXXV02.8327	TLEV	PC	D	2TWC	2	2	UL	DIRECT FIT	521162	ALL
568	1998	Volkswagen	Passat	2.8	WADXXV02.8324	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
569	1998	Volkswagen	Passat	2.8	WADXXV02.8324	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521201	ALL
570	1998	Volkswagen	Passat	2.8	WADXXV02.8324	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
571	1999	Volkswagen	Beetle	1.8	XVWXV01.8228	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
572	1999	Volkswagen	Beetle	1.8	XVWXV01.8228	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
573	1999	Volkswagen	Beetle	2	XVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521032	ALL
574	1999	Volkswagen	Beetle	2	XVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
575	1999	Volkswagen	Cabrio	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
576	1999	Volkswagen	Cabrio	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
577	1999	Volkswagen	Cabrio	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
578	1999	Volkswagen	Cabrio	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
579	1999	Volkswagen	Golf	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521032	ALL
580	1999	Volkswagen	Golf	2	XVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521032	ALL
581	1999	Volkswagen	Golf	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
582	1999	Volkswagen	Golf	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
583	1999	Volkswagen	Golf	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
584	1999	Volkswagen	Golf	2	XVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
585	1999	Volkswagen	Golf	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
586	1999	Volkswagen	Golf	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
587	1999	Volkswagen	Jetta	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521032	ALL
588	1999	Volkswagen	Jetta	2	XVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521032	ALL
589	1999	Volkswagen	Jetta	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
590	1999	Volkswagen	Jetta	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521193	ALL
591	1999	Volkswagen	Jetta	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
592	1999	Volkswagen	Jetta	2	XVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
593	1999	Volkswagen	Jetta	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
594	1999	Volkswagen	Jetta	2	XVWXV02.0223	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
595	1999	Volkswagen	Passat	1.8	XADXXV01.8322	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521031	ALL
596	1999	Volkswagen	Passat	1.8	XADXXV01.8322	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
597	1999	Volkswagen	Passat	2.8	XADXXV02.8324	TLEV	PC	D	2TWC	2	2	UL	UNIVERSAL	522501	ALL
598	1999	Volkswagen	Passat	2.8	XADXXV02.8324	TLEV	PC	D	2TWC	2	2	UR	DIRECT FIT	521201	ALL
599	1999	Volkswagen	Passat	2.8	XADXXV02.8324	TLEV	PC	D	2TWC	2	2	UR	UNIVERSAL	522501	ALL
600	2000	Volkswagen	Beetle	1.8	YVWXV01.8228	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
601	2000	Volkswagen	Beetle	1.8	YVWXV01.8228	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
602	2000	Volkswagen	Beetle	2	YVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521032	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	2000	Volkswagen	Beetle	2	YVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
604	2000	Volkswagen	Cabrio	2	YVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
605	2000	Volkswagen	Cabrio	2	YVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
606	2000	Volkswagen	Golf	2	YVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521032	ALL
607	2000	Volkswagen	Golf	2	YVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
608	2000	Volkswagen	Jetta	1.8	YAD XV01.8332	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521031	ALL
609	2000	Volkswagen	Jetta	1.8	YVWXV01.8228	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
610	2000	Volkswagen	Jetta	1.8	YAD XV01.8332	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
611	2000	Volkswagen	Jetta	2	YVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521032	ALL
612	2000	Volkswagen	Jetta	2	YVWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
613	2000	Volkswagen	Passat	1.8	YAD XV01.8332	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521031	ALL
614	2000	Volkswagen	Passat	1.8	YAD XV01.8332	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
615	2001	Volkswagen	Beetle	1.8	1VWXV01.8229	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
616	2001	Volkswagen	Beetle	1.8	1AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521032	ALL
617	2001	Volkswagen	Beetle	1.8	1VWXV01.8229	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
618	2001	Volkswagen	Beetle	1.8	1AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
619	2001	Volkswagen	Beetle	2	1VWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521032	ALL
620	2001	Volkswagen	Beetle	2	1VWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
621	2001	Volkswagen	Cabrio	2	1VWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
622	2001	Volkswagen	Cabrio	2	1VWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
623	2001	Volkswagen	Golf	1.8	1AD XV01.8336	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
624	2001	Volkswagen	Golf	1.8	1AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
625	2001	Volkswagen	Golf	1.8	1AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
626	2001	Volkswagen	Golf	1.8	1AD XV01.8336	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
627	2001	Volkswagen	Golf	2	1VWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521032	ALL
628	2001	Volkswagen	Golf	2	1VWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
629	2001	Volkswagen	Jetta	1.8	1AD XV01.8336	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
630	2001	Volkswagen	Jetta	1.8	1AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
631	2001	Volkswagen	Jetta	1.8	1AD XV01.8336	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
632	2001	Volkswagen	Jetta	1.8	1AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
633	2001	Volkswagen	Jetta	2	1VWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521032	ALL
634	2001	Volkswagen	Jetta	2	1VWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
635	2002	Volkswagen	Beetle	1.8	2AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
636	2002	Volkswagen	Beetle	1.8	2AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
637	2002	Volkswagen	Cabrio	2	2VWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521030	ALL
638	2002	Volkswagen	Cabrio	2	2VWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521173	ALL
639	2002	Volkswagen	Cabrio	2	2VWXV02.0227	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522511	ALL
640	2002	Volkswagen	Golf	1.8	2AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
641	2002	Volkswagen	Golf	1.8	2AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
642	2002	Volkswagen	Golf	2.8	2VWXV02.8224	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
643	2002	Volkswagen	Golf	2.8	2VWXV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
644	2002	Volkswagen	Golf	2.8	2VWXV02.8224	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521148	ALL
645	2002	Volkswagen	Golf	2.8	2VWXV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521202	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	2002	Volkswagen	Jetta	1.8	2AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
647	2002	Volkswagen	Jetta	1.8	2AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
648	2002	Volkswagen	Jetta	2.8	2VW XV02.8224	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
649	2002	Volkswagen	Jetta	2.8	2VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522520	ALL
650	2002	Volkswagen	Jetta	2.8	2VW XV02.8224	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521148	ALL
651	2002	Volkswagen	Jetta	2.8	2VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521202	ALL
652	2003	Volkswagen	Beetle	1.8	3AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
653	2003	Volkswagen	Beetle	1.8	3AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
654	2003	Volkswagen	Golf	1.8	3AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
655	2003	Volkswagen	Golf	1.8	3AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
656	2003	Volkswagen	Golf	2.8	3VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
657	2003	Volkswagen	Golf	2.8	3VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521148	ALL
658	2003	Volkswagen	Jetta	1.8	3AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
659	2003	Volkswagen	Jetta	1.8	3AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
660	2003	Volkswagen	Jetta	2.8	3VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
661	2003	Volkswagen	Jetta	2.8	3VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521148	ALL
662	2004	Volkswagen	Beetle	1.8	4AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521027	ALL
663	2004	Volkswagen	Beetle	1.8	4AD XV01.8346	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522501	ALL
664	2004	Volkswagen	Golf	2.8	4VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
665	2004	Volkswagen	Golf	2.8	4VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521148	ALL
666	2004	Volkswagen	Jetta	2.8	4VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
667	2004	Volkswagen	Jetta	2.8	4VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521148	ALL
668	2005	Volkswagen	Golf	2.8	5VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
669	2005	Volkswagen	Golf	2.8	5VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521148	ALL
670	2005	Volkswagen	Jetta	2.8	5VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	UNIVERSAL	522510	ALL
671	2005	Volkswagen	Jetta	2.8	5VW XV02.8228	LEV1 LEV	PC	S	TWC	1	1	U	DIRECT FIT	521148	ALL
672	1996	Volvo	850	2.3	TVV2.3VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521188	ALL
673	1996	Volvo	850	2.3	TVV2.3VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
674	1996	Volvo	850	2.4	TVV2.4VJGKEK	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521189	ALL
675	1996	Volvo	850	2.4	TVV2.4VJGKEK	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
676	1997	Volvo	850	2.3	VVV2.3VJGKEK	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521188	ALL
677	1997	Volvo	850	2.3	VVV2.3VJGKEK	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
678	1997	Volvo	850	2.4	VVV2.4VJGKEK	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521189	ALL
679	1997	Volvo	850	2.4	VVV2.4VJGKEK	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
680	1998	Volvo	C70	2.4	WVVXV2.43PA1	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521189	ALL
681	1998	Volvo	C70	2.4	WVVXV2.43PA1	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
682	1998	Volvo	S70	2.4	WVVXV2.43PA1	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521189	ALL
683	1998	Volvo	S70	2.4	WVVXV2.43TPF	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521189	ALL
684	1998	Volvo	S70	2.4	WVVXV2.43PA1	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
685	1998	Volvo	S70	2.4	WVVXV2.43TPF	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
686	1998	Volvo	V70	2.4	WVVXV2.43PA1	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521189	ALL
687	1998	Volvo	V70	2.4	WVVXV2.43TPF	TLEV	PC	S	TWC	1	1	U	DIRECT FIT	521189	ALL
688	1998	Volvo	V70	2.4	WVVXV2.43AWD	TIER1	PC	S	TWC	1	1	U	DIRECT FIT	521189	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	1998	Volvo	V70	2.4	WVVXV2.43PA1	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
690	1998	Volvo	V70	2.4	WVVXV2.43TPF	TLEV	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL
691	1998	Volvo	V70	2.4	WVVXV2.43AWD	TIER1	PC	S	TWC	1	1	U	UNIVERSAL	522500	ALL