

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER D-193-87

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

Car Sound Exhaust System, Inc. (d.b.a. Magnaflow)
"Series 33000 & 34000 Three-way Catalytic Converters"

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

WHEREAS, Car Sound Exhaust System, Inc. (Car Sound) of 22691 Arroyo Vista, Rancho Santa Margarita, California 92688, has applied to the Air Resources Board for exemption from the prohibitions in Vehicle Code Sections 27156 and 38391 to market its new aftermarket Series 33000 & 34000 three-way catalytic converters (TWC) for installation on 1995 and older model year non-on-board diagnostic II (non-OBD II) trucks equipped with more than one catalytic converter per bank of exhaust, and categorized as T-2. The catalytic converters may be sold as universal or direct-fit systems.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code Section 39515 and in the Chief, Mobile Source Operations Division by Health and Safety Code Section 39516 and Executive Order G-02-003, the Air Resources Board finds that the above aftermarket catalytic converters comply with the California Vehicle Code Sections 27156 and 38395 and Title 13, California Code of Regulations, Section 2222(h). Emission performance of the catalytic converter was based on durability bench-aging by Johnson Matthey Catalysts using the Air Resources Board-modified RAT-A bench-aging cycle for 100 hours, as specified in Appendix A to the "California Evaluation Procedures for New Aftermarket Catalytic Converters" as adopted on October 25, 2007.

WHEREAS, emissions tests conducted at the Quantum Technologies, Lake Forest, California, using a 2001 5.4L Ford F150, test group 1FMXT05.4PF5, certified to the medium-duty vehicle 2 (MDV2) and Low Emission Vehicle emission standards (MDV2, LEV), showed that the vehicle met the applicable emission standards with Series 33000 & 34000 TWC (4 units) installed. The following are the test results in grams per mile:

	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>
PC 120K LEV standards	0.230	6.4	0.6
Series 33000 (2) & 34000 (2) Test 1	0.163	2.2	0.4
Series 33000 (2) & 34000 (2) Test 2	0.183	2.3	0.5

The test catalytic converters for tests 1 and 2 were labeled T1231 (A & B) and T1233 (A & B) respectively.

THEREFORE, IT IS HEREBY RESOLVED that Car Sound Exhaust System, Inc.'s 33000 & 34000 TWC is exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on appropriate T-2 trucks 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 order must be evaluated and approved by the Air Resources Board 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 application other than the ones shown in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.
Exemption of this product shall not be construed as an exemption to sell, offer for sale, or advertise any components of the catalytic converters as individual devices.
3. Any oral or written references to this Executive Order or its content by Car Sound Exhaust System, 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 of Vehicle Code Sections 27156 and 38391.
4. Car Sound Exhaust System, Inc.'s installation instructions for the new catalytic converters must conform to requirements in Section (h) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
5. Installation of the catalytic converters shall not cause the relocation of an oxygen sensor. 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 "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
7. Car Sound Exhaust System, 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 (OEM) 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 the Air Resources Board prior to shipment.

9. The new catalytic converter substrates may not be sold or supplied to a third party by Car Sound Exhaust System, its associates, vendors, other businesses, and individuals associated with Car Sound Exhaust System, to be assembled in a different facility and marketed under this Executive Order without approval from the Air Resources Board.
10. Car Sound Exhaust System, Inc. shall comply with the quality control procedures and reporting requirements in Section (f)(5) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted October 25, 2007.
11. Quality control reports must be submitted on a quarterly basis and warranty information reports on a semi-annual basis, starting with periods covering January 1 through March 31, 2009 and January 1 through June 30, 2009, respectively.
12. Car Sound Exhaust System, Inc. must provide a permanent label or stamp as specified under Section (f)(1) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.
13. Car Sound Exhaust System, Inc.'s vehicle application catalog must conform with the requirements as specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.

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 17 day of December 2008.



Annette Hebert, Chief
Mobile Source Operations Division

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test 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	1987	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2	1987	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
3	1987	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
4	1987	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
5	1987	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
6	1987	CHEVROLET	P30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
7	1987	CHEVROLET	P30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
8	1987	CHEVROLET	P30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
9	1987	CHEVROLET	P30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
10	1987	CHEVROLET	R20 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
11	1987	CHEVROLET	R20 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
12	1987	CHEVROLET	R20 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
13	1987	CHEVROLET	R20 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
14	1987	CHEVROLET	R20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
15	1987	CHEVROLET	R20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
16	1987	CHEVROLET	R20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
17	1987	CHEVROLET	R20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
18	1987	CHEVROLET	R20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
19	1987	CHEVROLET	R20	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
20	1987	CHEVROLET	R20	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
21	1987	CHEVROLET	R30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
22	1987	CHEVROLET	R30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
23	1987	CHEVROLET	R30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
24	1987	CHEVROLET	R30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
25	1987	CHEVROLET	R30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
26	1987	CHEVROLET	R30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
27	1987	CHEVROLET	R30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
28	1987	CHEVROLET	R30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
29	1987	CHEVROLET	V20 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
30	1987	CHEVROLET	V20 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
31	1987	CHEVROLET	V20 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
32	1987	CHEVROLET	V20 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
33	1987	CHEVROLET	V20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
34	1987	CHEVROLET	V20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
35	1987	CHEVROLET	V20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
36	1987	CHEVROLET	V20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
37	1987	CHEVROLET	V20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
38	1987	CHEVROLET	V30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
39	1987	CHEVROLET	V30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
40	1987	CHEVROLET	V30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
41	1987	CHEVROLET	V30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
42	1987	CHEVROLET	V30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
43	1987	CHEVROLET	V30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
44	1987	CHEVROLET	V30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
45	1987	CHEVROLET	V30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
46	1988	CHEVROLET	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
47	1988	CHEVROLET	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
48	1988	CHEVROLET	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
49	1988	CHEVROLET	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
50	1988	CHEVROLET	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
51	1988	CHEVROLET	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
52	1988	CHEVROLET	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
53	1988	CHEVROLET	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
54	1988	CHEVROLET	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
55	1988	CHEVROLET	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
56	1988	CHEVROLET	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
57	1988	CHEVROLET	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
58	1988	CHEVROLET	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
59	1988	CHEVROLET	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
60	1988	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
61	1988	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
62	1988	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
63	1988	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
64	1988	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
65	1988	CHEVROLET	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
66	1988	CHEVROLET	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
67	1988	CHEVROLET	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
68	1988	CHEVROLET	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
69	1988	CHEVROLET	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
70	1988	CHEVROLET	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
71	1988	CHEVROLET	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
72	1988	CHEVROLET	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
73	1988	CHEVROLET	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
74	1988	CHEVROLET	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
75	1988	CHEVROLET	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
76	1988	CHEVROLET	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
77	1988	CHEVROLET	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
78	1988	CHEVROLET	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
79	1988	CHEVROLET	P30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
80	1988	CHEVROLET	P30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
81	1988	CHEVROLET	P30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
82	1988	CHEVROLET	P30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
83	1988	CHEVROLET	R20 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
84	1988	CHEVROLET	R20 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
85	1988	CHEVROLET	R20 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
86	1988	CHEVROLET	R20 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
87	1988	CHEVROLET	R20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
88	1988	CHEVROLET	R20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
89	1988	CHEVROLET	R20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
90	1988	CHEVROLET	R20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
91	1988	CHEVROLET	R20	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
92	1988	CHEVROLET	R20	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
93	1988	CHEVROLET	R20	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
94	1988	CHEVROLET	R20	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
95	1988	CHEVROLET	R20	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
96	1988	CHEVROLET	R30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
97	1988	CHEVROLET	R30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
98	1988	CHEVROLET	R30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
99	1988	CHEVROLET	R30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
100	1988	CHEVROLET	R30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
101	1988	CHEVROLET	R30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
102	1988	CHEVROLET	R30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
103	1988	CHEVROLET	R30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
104	1988	CHEVROLET	R30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
105	1988	CHEVROLET	V30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
106	1988	CHEVROLET	V30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
107	1988	CHEVROLET	V30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
108	1988	CHEVROLET	V30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
109	1988	CHEVROLET	V30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
110	1988	CHEVROLET	V30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
111	1988	CHEVROLET	V30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
112	1988	CHEVROLET	V30	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
113	1989	CHEVROLET	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
114	1989	CHEVROLET	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
115	1989	CHEVROLET	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
116	1989	CHEVROLET	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
117	1989	CHEVROLET	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
118	1989	CHEVROLET	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
119	1989	CHEVROLET	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
120	1989	CHEVROLET	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
121	1989	CHEVROLET	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
122	1989	CHEVROLET	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
123	1989	CHEVROLET	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
124	1989	CHEVROLET	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
125	1989	CHEVROLET	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
126	1989	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
127	1989	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
128	1989	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
129	1989	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
130	1989	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
131	1989	CHEVROLET	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
132	1989	CHEVROLET	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
133	1989	CHEVROLET	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
134	1989	CHEVROLET	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
135	1989	CHEVROLET	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
136	1989	CHEVROLET	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
137	1989	CHEVROLET	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
138	1989	CHEVROLET	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
139	1989	CHEVROLET	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
140	1989	CHEVROLET	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
141	1989	CHEVROLET	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
142	1989	CHEVROLET	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
143	1989	CHEVROLET	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
144	1989	CHEVROLET	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
145	1989	CHEVROLET	P30	5.7		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33006	ALL
146	1989	CHEVROLET	P30	5.7		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33009	ALL
147	1989	CHEVROLET	P30	5.7		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34006	ALL
148	1989	CHEVROLET	P30	5.7		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34009	ALL
149	1989	CHEVROLET	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
150	1989	CHEVROLET	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
151	1989	CHEVROLET	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
152	1989	CHEVROLET	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
153	1989	CHEVROLET	R2500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
154	1989	CHEVROLET	R2500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
155	1989	CHEVROLET	R2500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
156	1989	CHEVROLET	R2500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
157	1989	CHEVROLET	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
158	1989	CHEVROLET	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
159	1989	CHEVROLET	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
160	1989	CHEVROLET	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
161	1989	CHEVROLET	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
162	1989	CHEVROLET	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
163	1989	CHEVROLET	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
164	1989	CHEVROLET	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
165	1989	CHEVROLET	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
166	1989	CHEVROLET	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
167	1989	CHEVROLET	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
168	1989	CHEVROLET	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
169	1989	CHEVROLET	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
170	1989	CHEVROLET	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
171	1989	CHEVROLET	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
172	1989	CHEVROLET	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
173	1989	CHEVROLET	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
174	1990	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
175	1990	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
176	1990	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
177	1990	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
178	1990	CHEVROLET	G30	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
179	1990	CHEVROLET	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
180	1990	CHEVROLET	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
181	1990	CHEVROLET	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
182	1990	CHEVROLET	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
183	1990	CHEVROLET	V2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
184	1990	CHEVROLET	V2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
185	1990	CHEVROLET	V2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
186	1990	CHEVROLET	V2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
187	1991	CHEVROLET	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
188	1991	CHEVROLET	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
189	1991	CHEVROLET	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
190	1991	CHEVROLET	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
191	1992	CHEVROLET	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
192	1992	CHEVROLET	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
193	1992	CHEVROLET	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
194	1992	CHEVROLET	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
195	1992	CHEVROLET	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
196	1992	CHEVROLET	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
197	1992	CHEVROLET	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
198	1992	CHEVROLET	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
199	1993	CHEVROLET	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
200	1993	CHEVROLET	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
201	1993	CHEVROLET	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
202	1993	CHEVROLET	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
203	1993	CHEVROLET	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
204	1993	CHEVROLET	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
205	1993	CHEVROLET	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
206	1993	CHEVROLET	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
207	1980	DODGE	B100	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33104	ALL
208	1980	DODGE	B100	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
209	1980	DODGE	B100	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
210	1980	DODGE	B100	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
211	1980	DODGE	B100	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
212	1980	DODGE	B100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
213	1980	DODGE	B100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
214	1980	DODGE	B100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
215	1980	DODGE	B100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
216	1980	DODGE	B100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
217	1980	DODGE	B100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34289	ALL
218	1980	DODGE	B200	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
219	1980	DODGE	B200	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
220	1980	DODGE	B200	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
221	1980	DODGE	B200	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
222	1980	DODGE	B200	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
223	1980	DODGE	B200	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
224	1981	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33104	ALL
225	1981	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
226	1981	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
227	1981	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33115	ALL
228	1981	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
229	1981	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
230	1981	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
231	1981	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
232	1981	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
233	1981	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
234	1981	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
235	1981	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
236	1981	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
237	1981	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
238	1981	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
239	1981	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
240	1981	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
241	1981	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
242	1981	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
243	1981	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
244	1981	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
245	1981	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
246	1981	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
247	1982	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33104	ALL
248	1982	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
249	1982	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
250	1982	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33115	ALL
251	1982	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
252	1982	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
253	1982	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
254	1982	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
255	1982	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
256	1982	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
257	1982	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
258	1982	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
259	1982	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34289	ALL
260	1982	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
261	1982	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
262	1982	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
263	1982	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
264	1982	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
265	1982	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
266	1982	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
267	1982	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
268	1982	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
269	1982	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
270	1982	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
271	1982	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
272	1982	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
273	1982	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
274	1982	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
275	1982	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
276	1982	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
277	1982	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
278	1982	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
279	1982	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
280	1982	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
281	1982	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
282	1982	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
283	1982	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
284	1982	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
285	1982	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
286	1982	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
287	1982	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
288	1982	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
289	1982	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
290	1982	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
291	1982	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
292	1982	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
293	1982	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
294	1982	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
295	1982	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
296	1982	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
297	1982	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
298	1982	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
299	1982	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
300	1982	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
301	1982	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
302	1982	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
303	1982	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
304	1982	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
305	1982	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
306	1982	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
307	1982	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
308	1982	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
309	1982	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
310	1982	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
311	1982	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
312	1982	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
313	1982	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
314	1982	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
315	1982	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
316	1982	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
317	1982	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
318	1982	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
319	1982	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
320	1982	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
321	1982	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
322	1982	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
323	1982	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
324	1982	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
325	1982	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
326	1982	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
327	1982	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
328	1983	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33104	ALL
329	1983	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
330	1983	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
331	1983	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33115	ALL
332	1983	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
333	1983	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
334	1983	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
335	1983	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
336	1983	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
337	1983	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
338	1983	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
339	1983	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
340	1983	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34289	ALL
341	1983	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
342	1983	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
343	1983	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
344	1983	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
345	1983	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
346	1983	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
347	1983	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
348	1983	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
349	1983	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
350	1983	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
351	1983	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
352	1983	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
353	1983	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
354	1983	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
355	1983	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
356	1983	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
357	1983	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
358	1983	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
359	1983	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
360	1983	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
361	1983	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
362	1983	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
363	1983	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
364	1983	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
365	1983	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
366	1983	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
367	1983	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
368	1983	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
369	1983	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
370	1983	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
371	1983	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
372	1983	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
373	1983	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
374	1983	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
375	1983	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
376	1983	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
377	1983	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
378	1983	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
379	1983	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
380	1983	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
381	1983	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
382	1983	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
383	1983	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
384	1983	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
385	1983	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
386	1983	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
387	1983	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
388	1983	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
389	1983	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
390	1983	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
391	1983	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
392	1983	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
393	1983	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
394	1983	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
395	1983	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
396	1984	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33104	ALL
397	1984	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
398	1984	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
399	1984	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33115	ALL
400	1984	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
401	1984	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
402	1984	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
403	1984	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
404	1984	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
405	1984	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
406	1984	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
407	1984	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
408	1984	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34289	ALL
409	1984	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
410	1984	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
411	1984	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
412	1984	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
413	1984	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
414	1984	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
415	1984	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
416	1984	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
417	1984	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
418	1984	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
419	1984	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
420	1984	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
421	1984	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
422	1984	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
423	1984	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
424	1984	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
425	1984	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
426	1984	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
427	1984	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
428	1984	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
429	1984	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
430	1984	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
431	1984	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
432	1984	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
433	1984	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
434	1984	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
435	1984	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
436	1984	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
437	1984	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
438	1984	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
439	1984	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
440	1984	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
441	1984	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
442	1984	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
443	1984	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34283	ALL
444	1984	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
445	1984	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
446	1984	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
447	1984	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
448	1984	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
449	1984	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
450	1984	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
451	1984	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
452	1984	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
453	1984	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
454	1984	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
455	1984	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
456	1984	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
457	1984	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
458	1984	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
459	1984	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
460	1984	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
461	1984	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
462	1984	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
463	1984	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
464	1984	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
465	1984	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
466	1984	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
467	1984	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
468	1984	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
469	1984	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
470	1984	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34004	ALL
471	1984	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL
472	1984	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34283	ALL
473	1984	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
474	1984	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
475	1984	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
476	1984	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
477	1984	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
478	1984	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
479	1984	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
480	1984	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
481	1984	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
482	1984	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
483	1984	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
484	1984	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
485	1984	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
486	1984	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
487	1984	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
488	1984	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
489	1984	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
490	1984	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
491	1984	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
492	1984	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
493	1984	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
494	1984	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
495	1984	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
496	1984	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
497	1984	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
498	1984	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
499	1984	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
500	1985	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33104	ALL
501	1985	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
502	1985	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
503	1985	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33115	ALL
504	1985	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
505	1985	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
506	1985	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
507	1985	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
508	1985	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
509	1985	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
510	1985	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
511	1985	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
512	1985	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34289	ALL
513	1985	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
514	1985	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
515	1985	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
516	1985	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
517	1985	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
518	1985	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
519	1985	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
520	1985	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
521	1985	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
522	1985	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
523	1985	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
524	1985	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
525	1985	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
526	1985	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
527	1985	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
528	1985	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
529	1985	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
530	1985	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
531	1985	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
532	1985	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
533	1985	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
534	1985	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
535	1985	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
536	1985	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
537	1985	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
538	1985	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
539	1985	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
540	1985	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
541	1985	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
542	1985	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
543	1985	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
544	1985	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
545	1985	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
546	1985	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
547	1985	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34283	ALL
548	1985	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
549	1985	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
550	1985	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
551	1985	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
552	1985	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
553	1985	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
554	1985	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
555	1985	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
556	1985	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
557	1985	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
558	1985	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
559	1985	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
560	1985	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
561	1985	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
562	1985	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
563	1985	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
564	1985	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
565	1985	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
566	1985	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
567	1985	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
568	1985	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
569	1985	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
570	1985	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
571	1985	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
572	1985	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
573	1985	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
574	1985	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34004	ALL
575	1985	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL
576	1985	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34283	ALL
577	1985	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
578	1985	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
579	1985	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
580	1985	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
581	1985	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
582	1985	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
583	1985	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
584	1985	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
585	1985	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
586	1985	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
587	1985	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
588	1985	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
589	1985	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
590	1985	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
591	1985	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
592	1985	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
593	1985	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
594	1985	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
595	1985	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
596	1985	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
597	1985	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
598	1985	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
599	1985	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
600	1985	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
601	1985	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
602	1985	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
603	1985	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
604	1986	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33104	ALL
605	1986	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
606	1986	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
607	1986	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33115	ALL
608	1986	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
609	1986	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
610	1986	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
611	1986	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
612	1986	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
613	1986	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
614	1986	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
615	1986	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
616	1986	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34289	ALL
617	1986	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
618	1986	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
619	1986	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
620	1986	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
621	1986	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
622	1986	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
623	1986	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
624	1986	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
625	1986	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
626	1986	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
627	1986	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
628	1986	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
629	1986	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
630	1986	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
631	1986	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
632	1986	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
633	1986	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
634	1986	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
635	1986	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
636	1986	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
637	1986	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
638	1986	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
639	1986	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
640	1986	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
641	1986	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
642	1986	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
643	1986	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
644	1986	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
645	1986	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
646	1986	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
647	1986	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
648	1986	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
649	1986	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
650	1986	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
651	1986	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34283	ALL
652	1986	DODGE	D100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
653	1986	DODGE	D100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
654	1986	DODGE	D100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
655	1986	DODGE	D100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
656	1986	DODGE	D100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
657	1986	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
658	1986	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
659	1986	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
660	1986	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
661	1986	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
662	1986	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
663	1986	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
664	1986	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
665	1986	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
666	1986	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
667	1986	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
668	1986	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
669	1986	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
670	1986	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
671	1986	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
672	1986	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
673	1986	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
674	1986	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
675	1986	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
676	1986	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
677	1986	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
678	1986	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
679	1986	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
680	1986	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
681	1986	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
682	1986	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
683	1986	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
684	1986	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
685	1986	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
686	1986	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
687	1986	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
688	1986	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34004	ALL
689	1986	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL
690	1986	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34283	ALL
691	1986	DODGE	RAM 50	2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
692	1986	DODGE	RAM 50	2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
693	1986	DODGE	RAM 50	2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
694	1986	DODGE	RAM 50	2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
695	1986	DODGE	RAM 50	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
696	1986	DODGE	RAM 50	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
697	1986	DODGE	RAM 50	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
698	1986	DODGE	RAM 50	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
699	1986	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
700	1986	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
701	1986	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
702	1986	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
703	1986	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
704	1986	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
705	1986	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
706	1986	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
707	1986	DODGE	W100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
708	1986	DODGE	W100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
709	1986	DODGE	W100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
710	1986	DODGE	W100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
711	1986	DODGE	W100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
712	1986	DODGE	W100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
713	1986	DODGE	W100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
714	1986	DODGE	W100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
715	1986	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
716	1986	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
717	1986	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
718	1986	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
719	1986	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
720	1986	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
721	1986	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
722	1986	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
723	1986	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
724	1986	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
725	1986	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
726	1986	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
727	1986	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
728	1986	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
729	1986	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
730	1986	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
731	1986	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
732	1986	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
733	1986	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
734	1987	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33104	ALL
735	1987	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
736	1987	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
737	1987	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33115	ALL
738	1987	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
739	1987	DODGE	B150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
740	1987	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
741	1987	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
742	1987	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
743	1987	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
744	1987	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
745	1987	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
746	1987	DODGE	B150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34289	ALL
747	1987	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
748	1987	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
749	1987	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
750	1987	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
751	1987	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
752	1987	DODGE	B250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
753	1987	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
754	1987	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
755	1987	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
756	1987	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
757	1987	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
758	1987	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
759	1987	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
760	1987	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
761	1987	DODGE	B250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
762	1987	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
763	1987	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
764	1987	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
765	1987	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
766	1987	DODGE	B250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
767	1987	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
768	1987	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
769	1987	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
770	1987	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
771	1987	DODGE	B350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
772	1987	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
773	1987	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
774	1987	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
775	1987	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
776	1987	DODGE	B350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
777	1987	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
778	1987	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
779	1987	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
780	1987	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
781	1987	DODGE	CARAVAN	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34283	ALL
782	1987	DODGE	D100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
783	1987	DODGE	D100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
784	1987	DODGE	D100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
785	1987	DODGE	D100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
786	1987	DODGE	D100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
787	1987	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
788	1987	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
789	1987	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
790	1987	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
791	1987	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
792	1987	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
793	1987	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
794	1987	DODGE	D150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
795	1987	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
796	1987	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
797	1987	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
798	1987	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
799	1987	DODGE	D150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
800	1987	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
801	1987	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
802	1987	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
803	1987	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
804	1987	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
805	1987	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
806	1987	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
807	1987	DODGE	D250	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
808	1987	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
809	1987	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
810	1987	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
811	1987	DODGE	D250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
812	1987	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
813	1987	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
814	1987	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
815	1987	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
816	1987	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33104	ALL
817	1987	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
818	1987	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
819	1987	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
820	1987	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	DIRECT FIT	34246	ALL
821	1987	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
822	1987	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
823	1987	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34004	ALL
824	1987	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL
825	1987	DODGE	MINI RAM	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34283	ALL
826	1987	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
827	1987	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
828	1987	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
829	1987	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
830	1987	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
831	1987	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
832	1987	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
833	1987	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
834	1987	DODGE	W100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
835	1987	DODGE	W100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
836	1987	DODGE	W100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
837	1987	DODGE	W100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
838	1987	DODGE	W100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
839	1987	DODGE	W100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
840	1987	DODGE	W100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
841	1987	DODGE	W100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
842	1987	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
843	1987	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
844	1987	DODGE	W150	3.7		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
845	1987	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
846	1987	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
847	1987	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
848	1987	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
849	1987	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
850	1987	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
851	1987	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
852	1987	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
853	1987	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
854	1987	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
855	1987	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
856	1987	DODGE	W250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
857	1987	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
858	1987	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
859	1987	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
860	1987	DODGE	W250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
861	1988	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
862	1988	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
863	1988	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
864	1988	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
865	1988	DODGE	D100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
866	1988	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
867	1988	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
868	1988	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33506	ALL
869	1988	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
870	1988	DODGE	D150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
871	1988	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
872	1988	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
873	1988	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
874	1988	DODGE	D250	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
875	1988	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33104	ALL
876	1988	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
877	1988	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
878	1988	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
879	1988	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	DIRECT FIT	34246	ALL
880	1988	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
881	1988	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
882	1988	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34005	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
883	1988	DODGE	RAMCHARGER	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34006	ALL
884	1988	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
885	1988	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
886	1988	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
887	1988	DODGE	RAMCHARGER	5.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
888	1988	DODGE	W100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
889	1988	DODGE	W100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
890	1988	DODGE	W100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
891	1988	DODGE	W100	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
892	1988	DODGE	W100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
893	1988	DODGE	W100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
894	1988	DODGE	W100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
895	1988	DODGE	W100	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
896	1988	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
897	1988	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33106	ALL
898	1988	DODGE	W150	5.2		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34026	ALL
899	1988	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
900	1988	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
901	1988	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
902	1988	DODGE	W150	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
903	1989	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33104	ALL
904	1989	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33105	ALL
905	1989	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
906	1989	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
907	1989	DODGE	DAKOTA	3.9		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	DIRECT FIT	34246	ALL
908	1980	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
909	1980	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
910	1980	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
911	1980	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
912	1980	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
913	1980	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34106	ALL
914	1980	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
915	1980	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
916	1980	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
917	1980	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
918	1980	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
919	1980	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
920	1980	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
921	1980	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
922	1980	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
923	1980	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
924	1980	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
925	1980	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
926	1980	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
927	1980	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
928	1980	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
929	1980	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
930	1980	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
931	1980	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
932	1981	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
933	1981	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
934	1981	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
935	1981	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
936	1981	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
937	1981	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
938	1981	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
939	1981	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
940	1981	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
941	1981	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
942	1981	FORD	E-100 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
943	1981	FORD	E-100 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
944	1981	FORD	E-100 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
945	1981	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
946	1981	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
947	1981	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
948	1981	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
949	1981	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
950	1981	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
951	1981	FORD	E-100 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
952	1981	FORD	E-100 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
953	1981	FORD	E-100 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
954	1981	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
955	1981	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
956	1981	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
957	1981	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
958	1981	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
959	1981	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
960	1981	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
961	1981	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
962	1981	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
963	1981	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
964	1981	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
965	1981	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
966	1981	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
967	1981	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
968	1981	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
969	1981	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
970	1981	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
971	1981	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
972	1981	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
973	1981	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
974	1981	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
975	1981	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
976	1981	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
977	1981	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
978	1981	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
979	1981	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
980	1981	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
981	1981	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
982	1981	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
983	1981	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
984	1981	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
985	1981	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
986	1981	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34106	ALL
987	1981	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
988	1981	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
989	1981	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
990	1981	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
991	1981	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
992	1981	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
993	1981	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
994	1981	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
995	1981	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
996	1981	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
997	1981	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
998	1981	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
999	1981	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1000	1981	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1001	1981	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1002	1981	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1003	1981	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1004	1981	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1005	1981	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1006	1981	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1007	1981	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1008	1981	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1009	1981	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1010	1981	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34106	ALL
1011	1981	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1012	1981	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1013	1981	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1014	1981	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1015	1981	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1016	1981	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1017	1981	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1018	1981	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1019	1981	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1020	1981	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1021	1981	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1022	1981	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1023	1981	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1024	1981	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34106	ALL
1025	1982	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1026	1982	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1027	1982	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1028	1982	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1029	1982	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1030	1982	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1031	1982	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1032	1982	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1033	1982	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1034	1982	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1035	1982	FORD	E-100 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1036	1982	FORD	E-100 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1037	1982	FORD	E-100 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1038	1982	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1039	1982	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1040	1982	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1041	1982	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1042	1982	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1043	1982	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1044	1982	FORD	E-100 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1045	1982	FORD	E-100 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1046	1982	FORD	E-100 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1047	1982	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1048	1982	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1049	1982	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1050	1982	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1051	1982	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1052	1982	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1053	1982	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1054	1982	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1055	1982	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1056	1982	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1057	1982	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1058	1982	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1059	1982	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1060	1982	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1061	1982	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1062	1982	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1063	1982	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1064	1982	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1065	1982	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1066	1982	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1067	1982	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1068	1982	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1069	1982	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1070	1982	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1071	1982	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1072	1982	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1073	1982	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1074	1982	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1075	1982	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1076	1982	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1077	1982	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1078	1982	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1079	1982	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34106	ALL
1080	1982	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1081	1982	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1082	1982	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1083	1982	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1084	1982	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1085	1982	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1086	1982	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1087	1982	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1088	1982	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1089	1982	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1090	1982	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1091	1982	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1092	1982	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1093	1982	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1094	1982	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1095	1982	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1096	1982	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1097	1982	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1098	1982	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1099	1982	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1100	1982	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1101	1982	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1102	1982	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34106	ALL
1103	1982	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1104	1982	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1105	1982	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1106	1982	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1107	1982	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1108	1982	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1109	1982	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1110	1982	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1111	1982	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1112	1982	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1113	1982	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1114	1982	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1115	1982	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34106	ALL
1116	1983	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1117	1983	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1118	1983	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1119	1983	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1120	1983	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1121	1983	FORD	E-100 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1122	1983	FORD	E-100 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33005	ALL
1123	1983	FORD	E-100 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33006	ALL
1124	1983	FORD	E-100 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
1125	1983	FORD	E-100 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
1126	1983	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1127	1983	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1128	1983	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1129	1983	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1130	1983	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1131	1983	FORD	E-100 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1132	1983	FORD	E-100 ECONOLINE	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33005	ALL
1133	1983	FORD	E-100 ECONOLINE	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33006	ALL
1134	1983	FORD	E-100 ECONOLINE	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1135	1983	FORD	E-100 ECONOLINE	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
1136	1983	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1137	1983	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1138	1983	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1139	1983	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1140	1983	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1141	1983	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1142	1983	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33005	ALL
1143	1983	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33006	ALL
1144	1983	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
1145	1983	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
1146	1983	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1147	1983	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1148	1983	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1149	1983	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1150	1983	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1151	1983	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1152	1983	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33005	ALL
1153	1983	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	F	UNIVERSAL	33006	ALL
1154	1983	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34015	ALL
1155	1983	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC,TWC+OC	2	0	R	UNIVERSAL	34016	ALL
1156	1983	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1157	1983	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1158	1983	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1159	1983	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1160	1983	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1161	1983	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1162	1983	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1163	1983	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1164	1983	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1165	1983	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1166	1983	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1167	1983	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1168	1983	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1169	1983	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1170	1983	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1171	1983	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1172	1983	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1173	1983	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1174	1983	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1175	1983	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1176	1983	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1177	1983	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1178	1983	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1179	1983	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1180	1983	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1181	1983	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1182	1983	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1183	1983	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1184	1983	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1185	1983	FORD	F-100	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34106	ALL
1186	1983	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1187	1983	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1188	1983	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1189	1983	FORD	F-100	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1190	1983	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1191	1983	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1192	1983	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1193	1983	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1194	1983	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1195	1983	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1196	1983	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1197	1983	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1198	1983	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1199	1983	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1200	1983	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1201	1983	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1202	1983	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1203	1983	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1204	1983	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1205	1983	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1206	1983	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1207	1983	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1208	1983	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34106	ALL
1209	1983	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1210	1983	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1211	1983	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1212	1983	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1213	1983	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1214	1983	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1215	1983	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1216	1983	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1217	1983	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1218	1983	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1219	1983	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1220	1983	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1221	1983	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34106	ALL
1222	1984	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1223	1984	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1224	1984	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1225	1984	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1226	1984	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1227	1984	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1228	1984	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1229	1984	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1230	1984	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1231	1984	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1232	1984	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1233	1984	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1234	1984	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1235	1984	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1236	1984	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1237	1984	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1238	1984	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1239	1984	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1240	1984	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1241	1984	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1242	1984	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1243	1984	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1244	1984	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1245	1984	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1246	1984	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1247	1984	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1248	1984	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1249	1984	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1250	1984	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1251	1984	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1252	1984	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1253	1984	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1254	1984	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1255	1984	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1256	1984	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1257	1984	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1258	1984	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34316	ALL
1259	1984	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1260	1984	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1261	1984	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1262	1984	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1263	1984	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1264	1984	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1265	1984	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1266	1984	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1267	1984	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1268	1984	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1269	1984	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1270	1984	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1271	1984	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1272	1984	FORD	E-350 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1273	1984	FORD	E-350 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1274	1984	FORD	E-350 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1275	1984	FORD	E-350 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34316	ALL
1276	1984	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1277	1984	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1278	1984	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1279	1984	FORD	E-350 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1280	1984	FORD	E-350 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1281	1984	FORD	E-350 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1282	1984	FORD	E-350 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34316	ALL
1283	1984	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1284	1984	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1285	1984	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1286	1984	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1287	1984	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1288	1984	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1289	1984	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1290	1984	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1291	1984	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
1292	1984	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34015	ALL
1293	1984	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34016	ALL
1294	1984	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1295	1984	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1296	1984	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1297	1984	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1298	1984	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1299	1984	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1300	1984	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1301	1984	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1302	1984	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1303	1984	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1304	1984	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1305	1984	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1306	1984	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1307	1984	FORD	F-350	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1308	1984	FORD	F-350	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1309	1984	FORD	F-350	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1310	1985	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1311	1985	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1312	1985	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1313	1985	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1314	1985	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1315	1985	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1316	1985	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1317	1985	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1318	1985	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1319	1985	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1320	1985	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1321	1985	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1322	1985	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1323	1985	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1324	1985	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1325	1985	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1326	1985	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1327	1985	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1328	1985	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1329	1985	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1330	1985	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1331	1985	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1332	1985	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1333	1985	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1334	1985	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1335	1985	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1336	1985	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1337	1985	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1338	1985	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1339	1985	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1340	1985	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1341	1985	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1342	1985	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1343	1985	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1344	1985	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1345	1985	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1346	1985	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1347	1985	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1348	1985	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1349	1985	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1350	1985	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1351	1985	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1352	1985	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1353	1985	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1354	1985	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1355	1985	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1356	1985	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1357	1985	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1358	1985	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1359	1985	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1360	1985	FORD	E-350 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1361	1985	FORD	E-350 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1362	1985	FORD	E-350 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1363	1985	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1364	1985	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1365	1985	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1366	1985	FORD	E-350 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1367	1985	FORD	E-350 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1368	1985	FORD	E-350 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1369	1985	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1370	1985	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1371	1985	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1372	1985	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1373	1985	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1374	1985	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1375	1985	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1376	1985	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1377	1985	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1378	1985	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
1379	1985	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34015	ALL
1380	1985	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34016	ALL
1381	1985	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1382	1985	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1383	1985	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1384	1985	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1385	1985	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1386	1985	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1387	1985	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1388	1985	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1389	1985	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1390	1985	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1391	1985	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1392	1985	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1393	1985	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1394	1985	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1395	1985	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1396	1985	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1397	1985	FORD	F-350	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1398	1985	FORD	F-350	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1399	1985	FORD	F-350	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1400	1986	FORD	AEROSTAR	2.3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1401	1986	FORD	AEROSTAR	2.3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1402	1986	FORD	AEROSTAR	2.3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1403	1986	FORD	AEROSTAR	2.3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1404	1986	FORD	AEROSTAR	2.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1405	1986	FORD	AEROSTAR	2.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1406	1986	FORD	AEROSTAR	2.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
1407	1986	FORD	AEROSTAR	2.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1408	1986	FORD	AEROSTAR	2.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1409	1986	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1410	1986	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1411	1986	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1412	1986	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1413	1986	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34304	ALL
1414	1986	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1415	1986	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1416	1986	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1417	1986	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	33386	ALL
1418	1986	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1419	1986	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1420	1986	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1421	1986	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1422	1986	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1423	1986	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1424	1986	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1425	1986	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1426	1986	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1427	1986	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1428	1986	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1429	1986	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1430	1986	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1431	1986	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1432	1986	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1433	1986	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1434	1986	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1435	1986	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1436	1986	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1437	1986	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1438	1986	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1439	1986	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1440	1986	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1441	1986	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1442	1986	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1443	1986	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1444	1986	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1445	1986	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1446	1986	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1447	1986	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1448	1986	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1449	1986	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1450	1986	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1451	1986	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1452	1986	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1453	1986	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1454	1986	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1455	1986	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1456	1986	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1457	1986	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1458	1986	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1459	1986	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1460	1986	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1461	1986	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1462	1986	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1463	1986	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1464	1986	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1465	1986	FORD	E-350 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1466	1986	FORD	E-350 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1467	1986	FORD	E-350 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1468	1986	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1469	1986	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1470	1986	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1471	1986	FORD	E-350 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1472	1986	FORD	E-350 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1473	1986	FORD	E-350 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1474	1986	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1475	1986	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1476	1986	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1477	1986	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1478	1986	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1479	1986	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1480	1986	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1481	1986	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1482	1986	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34305	ALL
1483	1986	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1484	1986	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
1485	1986	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34015	ALL
1486	1986	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34016	ALL
1487	1986	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1488	1986	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1489	1986	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1490	1986	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1491	1986	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1492	1986	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1493	1986	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1494	1986	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1495	1986	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1496	1986	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1497	1986	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1498	1986	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33005	ALL
1499	1986	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
1500	1986	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1501	1986	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1502	1986	FORD	F-350	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1503	1986	FORD	F-350	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1504	1986	FORD	F-350	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1505	1986	FORD	RANGER	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1506	1986	FORD	RANGER	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1507	1986	FORD	RANGER	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1508	1986	FORD	RANGER	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	33386	ALL
1509	1987	FORD	AEROSTAR	2.3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1510	1987	FORD	AEROSTAR	2.3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1511	1987	FORD	AEROSTAR	2.3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1512	1987	FORD	AEROSTAR	2.3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1513	1987	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1514	1987	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1515	1987	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1516	1987	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1517	1987	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34304	ALL
1518	1987	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1519	1987	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1520	1987	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1521	1987	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	33386	ALL
1522	1987	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1523	1987	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1524	1987	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1525	1987	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1526	1987	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1527	1987	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1528	1987	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1529	1987	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1530	1987	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1531	1987	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1532	1987	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1533	1987	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1534	1987	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1535	1987	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1536	1987	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1537	1987	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1538	1987	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1539	1987	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1540	1987	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1541	1987	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1542	1987	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1543	1987	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1544	1987	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1545	1987	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1546	1987	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1547	1987	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1548	1987	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1549	1987	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1550	1987	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1551	1987	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1552	1987	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1553	1987	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1554	1987	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1555	1987	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1556	1987	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1557	1987	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1558	1987	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1559	1987	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1560	1987	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1561	1987	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1562	1987	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1563	1987	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1564	1987	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1565	1987	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1566	1987	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1567	1987	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1568	1987	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1569	1987	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1570	1987	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1571	1987	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1572	1987	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1573	1987	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1574	1987	FORD	E-350 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1575	1987	FORD	E-350 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1576	1987	FORD	E-350 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1577	1987	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1578	1987	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1579	1987	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1580	1987	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1581	1987	FORD	E-350 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1582	1987	FORD	E-350 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1583	1987	FORD	E-350 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1584	1987	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1585	1987	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1586	1987	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1587	1987	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1588	1987	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1589	1987	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1590	1987	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1591	1987	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1592	1987	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
1593	1987	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34015	ALL
1594	1987	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34016	ALL
1595	1987	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1596	1987	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1597	1987	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1598	1987	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1599	1987	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1600	1987	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1601	1987	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1602	1987	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1603	1987	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1604	1987	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1605	1987	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1606	1987	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1607	1987	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1608	1987	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1609	1987	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1610	1987	FORD	F-350	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1611	1987	FORD	F-350	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1612	1987	FORD	F-350	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1613	1987	FORD	RANGER	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1614	1987	FORD	RANGER	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
1615	1987	FORD	RANGER	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
1616	1987	FORD	RANGER	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	33386	ALL
1617	1988	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1618	1988	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1619	1988	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1620	1988	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1621	1988	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34304	ALL
1622	1988	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1623	1988	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1624	1988	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1625	1988	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34106	ALL
1626	1988	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	33387	ALL
1627	1988	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1628	1988	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1629	1988	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1630	1988	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1631	1988	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1632	1988	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1633	1988	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1634	1988	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1635	1988	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1636	1988	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1637	1988	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1638	1988	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1639	1988	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1640	1988	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1641	1988	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1642	1988	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1643	1988	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1644	1988	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1645	1988	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1646	1988	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1647	1988	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1648	1988	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1649	1988	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1650	1988	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1651	1988	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1652	1988	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1653	1988	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1654	1988	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1655	1988	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1656	1988	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1657	1988	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1658	1988	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1659	1988	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1660	1988	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1661	1988	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1662	1988	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
1663	1988	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1664	1988	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1665	1988	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1666	1988	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1667	1988	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1668	1988	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1669	1988	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1670	1988	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1671	1988	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1672	1988	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
1673	1988	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1674	1988	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1675	1988	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1676	1988	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1677	1988	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1678	1988	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1679	1988	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1680	1988	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1681	1988	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1682	1988	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1683	1988	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1684	1988	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1685	1988	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1686	1988	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1687	1988	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1688	1988	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1689	1988	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1690	1988	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1691	1988	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1692	1988	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1693	1988	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1694	1988	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1695	1988	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1696	1988	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1697	1988	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1698	1988	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1699	1988	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1700	1988	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1701	1988	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1702	1988	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1703	1988	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1704	1988	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1705	1988	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1706	1988	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1707	1988	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1708	1988	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1709	1988	FORD	RANGER	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1710	1988	FORD	RANGER	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1711	1988	FORD	RANGER	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1712	1988	FORD	RANGER	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34106	ALL
1713	1988	FORD	RANGER	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	33387	ALL
1714	1989	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1715	1989	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1716	1989	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1717	1989	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1718	1989	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34304	ALL
1719	1989	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1720	1989	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
1721	1989	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1722	1989	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34106	ALL

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1723	1989	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	33387	ALL
1724	1989	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1725	1989	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1726	1989	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1727	1989	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1728	1989	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1729	1989	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1730	1989	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1731	1989	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1732	1989	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1733	1989	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1734	1989	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1735	1989	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1736	1989	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1737	1989	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1738	1989	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1739	1989	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1740	1989	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1741	1989	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1742	1989	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1743	1989	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1744	1989	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1745	1989	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1746	1989	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1747	1989	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1748	1989	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1749	1989	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1750	1989	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1751	1989	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1752	1989	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1753	1989	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1754	1989	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1755	1989	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1756	1989	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1757	1989	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1758	1989	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1759	1989	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
1760	1989	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1761	1989	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1762	1989	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1763	1989	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1764	1989	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1765	1989	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1766	1989	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1767	1989	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1768	1989	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1769	1989	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
1770	1989	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1771	1989	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1772	1989	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1773	1989	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1774	1989	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1775	1989	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1776	1989	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1777	1989	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1778	1989	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1779	1989	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1780	1989	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1781	1989	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1782	1989	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1783	1989	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1784	1989	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1785	1989	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1786	1989	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1787	1989	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1788	1989	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1789	1989	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1790	1989	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1791	1989	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1792	1989	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1793	1989	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1794	1989	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1795	1989	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1796	1989	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1797	1989	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1798	1989	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1799	1989	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1800	1989	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1801	1989	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1802	1989	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1803	1989	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1804	1989	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1805	1989	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1806	1989	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1807	1989	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
1808	1989	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL
1809	1989	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34006	ALL
1810	1989	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
1811	1990	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1812	1990	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1813	1990	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1814	1990	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1815	1990	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34304	ALL
1816	1990	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
1817	1990	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
1818	1990	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
1819	1990	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
1820	1990	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
1821	1990	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
1822	1990	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	34311	ALL
1823	1990	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
1824	1990	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
1825	1990	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
1826	1990	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
1827	1990	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
1828	1990	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
1829	1990	FORD	BRONCO II	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
1830	1990	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1831	1990	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1832	1990	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1833	1990	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1834	1990	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1835	1990	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1836	1990	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1837	1990	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1838	1990	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1839	1990	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1840	1990	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1841	1990	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1842	1990	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1843	1990	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1844	1990	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1845	1990	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1846	1990	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1847	1990	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1848	1990	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1849	1990	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1850	1990	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1851	1990	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1852	1990	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1853	1990	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1854	1990	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1855	1990	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1856	1990	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1857	1990	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1858	1990	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1859	1990	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1860	1990	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1861	1990	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1862	1990	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1863	1990	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1864	1990	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1865	1990	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
1866	1990	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1867	1990	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1868	1990	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1869	1990	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1870	1990	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1871	1990	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1872	1990	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1873	1990	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1874	1990	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1875	1990	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
1876	1990	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1877	1990	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1878	1990	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1879	1990	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1880	1990	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1881	1990	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1882	1990	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1883	1990	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1884	1990	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1885	1990	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1886	1990	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1887	1990	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1888	1990	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1889	1990	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1890	1990	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1891	1990	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1892	1990	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1893	1990	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1894	1990	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1895	1990	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1896	1990	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1897	1990	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1898	1990	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1899	1990	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1900	1990	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1901	1990	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1902	1990	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1903	1990	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1904	1990	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1905	1990	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1906	1990	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1907	1990	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1908	1990	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1909	1990	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1910	1990	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1911	1990	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1912	1990	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
1913	1990	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
1914	1990	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	U	UNIVERSAL	33104	ALL
1915	1990	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	U	UNIVERSAL	33105	ALL
1916	1990	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	U	UNIVERSAL	33106	ALL
1917	1990	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
1918	1990	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
1919	1990	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
1920	1990	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
1921	1990	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
1922	1991	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
1923	1991	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
1924	1991	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
1925	1991	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
1926	1991	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34304	ALL
1927	1991	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
1928	1991	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
1929	1991	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
1930	1991	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
1931	1991	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
1932	1991	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1933	1991	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	34311	ALL
1934	1991	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1935	1991	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1936	1991	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1937	1991	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1938	1991	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1939	1991	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1940	1991	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1941	1991	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
1942	1991	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1943	1991	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1944	1991	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1945	1991	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1946	1991	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1947	1991	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1948	1991	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1949	1991	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1950	1991	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1951	1991	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1952	1991	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1953	1991	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1954	1991	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1955	1991	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1956	1991	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1957	1991	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1958	1991	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1959	1991	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1960	1991	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1961	1991	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1962	1991	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1963	1991	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1964	1991	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1965	1991	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1966	1991	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1967	1991	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1968	1991	FORD	E-250 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1969	1991	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
1970	1991	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1971	1991	FORD	E-250 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1972	1991	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1973	1991	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1974	1991	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
1975	1991	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1976	1991	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1977	1991	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1978	1991	FORD	E-250 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1979	1991	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
1980	1991	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1981	1991	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1982	1991	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1983	1991	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1984	1991	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1985	1991	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1986	1991	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1987	1991	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1988	1991	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1989	1991	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1990	1991	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
1991	1991	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
1992	1991	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL
1993	1991	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34006	ALL
1994	1991	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
1995	1991	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
1996	1991	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
1997	1991	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
1998	1991	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
1999	1991	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2000	1991	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2001	1991	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2002	1991	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2003	1991	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2004	1991	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2005	1991	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2006	1991	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2007	1991	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2008	1991	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2009	1991	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2010	1991	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2011	1991	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2012	1991	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2013	1991	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2014	1991	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2015	1991	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2016	1991	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2017	1991	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2018	1991	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2019	1991	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2020	1991	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2021	1991	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2022	1991	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2023	1991	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	U	UNIVERSAL	33104	ALL
2024	1991	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	U	UNIVERSAL	33105	ALL
2025	1991	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	U	UNIVERSAL	33106	ALL
2026	1991	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2027	1991	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2028	1991	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2029	1991	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2030	1991	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2031	1991	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2032	1991	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2033	1991	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2034	1991	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2035	1991	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2036	1992	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2037	1992	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2038	1992	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2039	1992	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2040	1992	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34304	ALL
2041	1992	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2042	1992	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2043	1992	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2044	1992	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2045	1992	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2046	1992	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2047	1992	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	34311	ALL
2048	1992	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2049	1992	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2050	1992	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2051	1992	FORD	BRONCO	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2052	1992	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2053	1992	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2054	1992	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2055	1992	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2056	1992	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2057	1992	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2058	1992	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2059	1992	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2060	1992	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2061	1992	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2062	1992	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2063	1992	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2064	1992	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2065	1992	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2066	1992	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2067	1992	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2068	1992	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2069	1992	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2070	1992	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2071	1992	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2072	1992	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2073	1992	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2074	1992	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2075	1992	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2076	1992	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2077	1992	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2078	1992	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2079	1992	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2080	1992	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2081	1992	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2082	1992	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2083	1992	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
2084	1992	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2085	1992	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2086	1992	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2087	1992	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2088	1992	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2089	1992	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2090	1992	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2091	1992	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2092	1992	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2093	1992	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2094	1992	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2095	1992	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2096	1992	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL
2097	1992	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34006	ALL
2098	1992	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2099	1992	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2100	1992	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2101	1992	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2102	1992	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2103	1992	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2104	1992	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2105	1992	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2106	1992	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2107	1992	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2108	1992	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2109	1992	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2110	1992	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2111	1992	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2112	1992	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2113	1992	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2114	1992	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2115	1992	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2116	1992	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2117	1992	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2118	1992	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2119	1992	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2120	1992	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2121	1992	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2122	1992	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2123	1992	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2124	1992	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2125	1992	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2126	1992	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2127	1992	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	U	UNIVERSAL	33104	ALL
2128	1992	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	U	UNIVERSAL	33105	ALL
2129	1992	FORD	RANGER	2.9		PRE-OBDII	T-2	S	TWC(2)	2	0	U	UNIVERSAL	33106	ALL
2130	1992	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2131	1992	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2132	1992	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2133	1992	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2134	1992	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2135	1992	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2136	1992	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2137	1992	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2138	1992	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2139	1992	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2140	1993	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2141	1993	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2142	1993	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2143	1993	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2144	1993	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34304	ALL
2145	1993	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2146	1993	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2147	1993	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2148	1993	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2149	1993	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2150	1993	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2151	1993	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	34311	ALL
2152	1993	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2153	1993	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2154	1993	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2155	1993	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2156	1993	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2157	1993	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2158	1993	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2159	1993	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2160	1993	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2161	1993	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2162	1993	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2163	1993	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2164	1993	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2165	1993	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2166	1993	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2167	1993	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2168	1993	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2169	1993	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2170	1993	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2171	1993	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2172	1993	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2173	1993	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2174	1993	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2175	1993	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2176	1993	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2177	1993	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2178	1993	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2179	1993	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2180	1993	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2181	1993	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2182	1993	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2183	1993	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
2184	1993	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2185	1993	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2186	1993	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2187	1993	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2188	1993	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2189	1993	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2190	1993	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2191	1993	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2192	1993	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2193	1993	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2194	1993	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2195	1993	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2196	1993	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL
2197	1993	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34006	ALL
2198	1993	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2199	1993	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2200	1993	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2201	1993	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2202	1993	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2203	1993	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2204	1993	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2205	1993	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2206	1993	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2207	1993	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2208	1993	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2209	1993	FORD	F-150	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2210	1993	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2211	1993	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2212	1993	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2213	1993	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2214	1993	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2215	1993	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2216	1993	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2217	1993	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2218	1993	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2219	1993	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2220	1993	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2221	1993	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2222	1993	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2223	1993	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2224	1993	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2225	1993	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2226	1993	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2227	1993	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2228	1993	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2229	1993	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2230	1993	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2231	1993	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2232	1993	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2233	1993	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2234	1993	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2235	1994	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2236	1994	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2237	1994	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2238	1994	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2239	1994	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34304	ALL
2240	1994	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2241	1994	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2242	1994	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2243	1994	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2244	1994	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2245	1994	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2246	1994	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	34311	ALL
2247	1994	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2248	1994	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2249	1994	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2250	1994	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2251	1994	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2252	1994	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2253	1994	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2254	1994	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2255	1994	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2256	1994	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2257	1994	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2258	1994	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2259	1994	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2260	1994	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2261	1994	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2262	1994	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2263	1994	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2264	1994	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2265	1994	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2266	1994	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2267	1994	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2268	1994	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2269	1994	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2270	1994	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2271	1994	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2272	1994	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2273	1994	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2274	1994	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2275	1994	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2276	1994	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2277	1994	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2278	1994	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
2279	1994	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2280	1994	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2281	1994	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2282	1994	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2283	1994	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2284	1994	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2285	1994	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2286	1994	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2287	1994	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2288	1994	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2289	1994	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2290	1994	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2291	1994	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL
2292	1994	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34006	ALL
2293	1994	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2294	1994	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2295	1994	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2296	1994	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2297	1994	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2298	1994	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2299	1994	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2300	1994	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2301	1994	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2302	1994	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	FL	UNIVERSAL	33105	ALL
2303	1994	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	FL	UNIVERSAL	33106	ALL
2304	1994	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	FR	UNIVERSAL	33105	ALL
2305	1994	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	FR	UNIVERSAL	33106	ALL
2306	1994	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
2307	1994	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2308	1994	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2309	1994	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	RL	UNIVERSAL	34105	ALL
2310	1994	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	RL	UNIVERSAL	34106	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2311	1994	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	RR	UNIVERSAL	34105	ALL
2312	1994	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	RR	UNIVERSAL	34106	ALL
2313	1994	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34015	ALL
2314	1994	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34016	ALL
2315	1994	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2316	1994	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2317	1994	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2318	1994	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2319	1994	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2320	1994	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2321	1994	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2322	1994	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2323	1994	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2324	1994	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2325	1994	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2326	1994	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2327	1994	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2328	1994	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2329	1994	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2330	1994	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2331	1994	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2332	1994	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2333	1994	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2334	1994	FORD	RANGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2335	1994	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2336	1994	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2337	1994	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2338	1994	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2339	1994	FORD	RANGER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2340	1995	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2341	1995	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2342	1995	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2343	1995	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2344	1995	FORD	AEROSTAR	3		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34304	ALL
2345	1995	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2346	1995	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2347	1995	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2348	1995	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2349	1995	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2350	1995	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2351	1995	FORD	AEROSTAR	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	34311	ALL
2352	1995	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2353	1995	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2354	1995	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2355	1995	FORD	BRONCO	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2356	1995	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2357	1995	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2358	1995	FORD	BRONCO	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2359	1995	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2360	1995	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2361	1995	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2362	1995	FORD	E-150 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2363	1995	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2364	1995	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2365	1995	FORD	E-150 ECONOLINE CLUB WAGON	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2366	1995	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2367	1995	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2368	1995	FORD	E-150 ECONOLINE CLUB WAGON	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2369	1995	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2370	1995	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2371	1995	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2372	1995	FORD	E-150 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2373	1995	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2374	1995	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2375	1995	FORD	E-150 ECONOLINE	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2376	1995	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2377	1995	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2378	1995	FORD	E-150 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2379	1995	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2380	1995	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2381	1995	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2382	1995	FORD	E-250 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2383	1995	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
2384	1995	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2385	1995	FORD	E-250 ECONOLINE	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2386	1995	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2387	1995	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2388	1995	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2389	1995	FORD	E-350 ECONOLINE CLUB WAGON	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2390	1995	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2391	1995	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2392	1995	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2393	1995	FORD	E-350 ECONOLINE	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2394	1995	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2395	1995	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2396	1995	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	DIRECT FIT	33313	ALL
2397	1995	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2398	1995	FORD	EXPLORER	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2399	1995	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2400	1995	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2401	1995	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2402	1995	FORD	F-150	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2403	1995	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2404	1995	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2405	1995	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2406	1995	FORD	F-150	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2407	1995	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	FL	UNIVERSAL	33105	ALL
2408	1995	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	FL	UNIVERSAL	33106	ALL
2409	1995	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	FR	UNIVERSAL	33105	ALL
2410	1995	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	FR	UNIVERSAL	33106	ALL
2411	1995	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33007	ALL
2412	1995	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2413	1995	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2414	1995	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	RL	UNIVERSAL	34105	ALL
2415	1995	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	RL	UNIVERSAL	34106	ALL
2416	1995	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	RR	UNIVERSAL	34105	ALL
2417	1995	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	RR	UNIVERSAL	34106	ALL
2418	1995	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34015	ALL
2419	1995	FORD	F-150	5.8		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34016	ALL
2420	1995	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2421	1995	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2422	1995	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2423	1995	FORD	F-250	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2424	1995	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2425	1995	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2426	1995	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2427	1995	FORD	F-250	5		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34307	ALL
2428	1995	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2429	1995	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2430	1995	FORD	F-250	5.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2431	1995	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33007	ALL
2432	1995	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34015	ALL
2433	1995	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34016	ALL
2434	1995	FORD	F-350	4.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34302	ALL
2435	1987	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2436	1987	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2437	1987	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
2438	1987	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2439	1987	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2440	1987	GMC	P3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2441	1987	GMC	P3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2442	1987	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2443	1987	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2444	1987	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2445	1987	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2446	1987	GMC	R2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2447	1987	GMC	R2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2448	1987	GMC	R2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
2449	1987	GMC	R2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2450	1987	GMC	R2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2451	1987	GMC	R2500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2452	1987	GMC	R2500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2453	1987	GMC	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2454	1987	GMC	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2455	1987	GMC	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2456	1987	GMC	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2457	1987	GMC	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2458	1987	GMC	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2459	1987	GMC	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2460	1987	GMC	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2461	1987	GMC	V2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2462	1987	GMC	V2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2463	1987	GMC	V2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
2464	1987	GMC	V2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2465	1987	GMC	V2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2466	1987	GMC	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2467	1987	GMC	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2468	1987	GMC	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2469	1987	GMC	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2470	1987	GMC	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2471	1987	GMC	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2472	1987	GMC	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2473	1987	GMC	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2474	1988	GMC	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2475	1988	GMC	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2476	1988	GMC	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
2477	1988	GMC	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2478	1988	GMC	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2479	1988	GMC	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2480	1988	GMC	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2481	1988	GMC	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2482	1988	GMC	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2483	1988	GMC	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2484	1988	GMC	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2485	1988	GMC	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2486	1988	GMC	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2487	1988	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2488	1988	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2489	1988	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2490	1988	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2491	1988	GMC	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2492	1988	GMC	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2493	1988	GMC	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
2494	1988	GMC	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2495	1988	GMC	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2496	1988	GMC	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2497	1988	GMC	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2498	1988	GMC	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2499	1988	GMC	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2500	1988	GMC	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2501	1988	GMC	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2502	1988	GMC	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2503	1988	GMC	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2504	1988	GMC	P3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2505	1988	GMC	P3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2506	1988	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2507	1988	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2508	1988	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2509	1988	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2510	1988	GMC	R2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2511	1988	GMC	R2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2512	1988	GMC	R2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
2513	1988	GMC	R2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2514	1988	GMC	R2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2515	1988	GMC	R2500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2516	1988	GMC	R2500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2517	1988	GMC	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2518	1988	GMC	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2519	1988	GMC	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2520	1988	GMC	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2521	1988	GMC	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2522	1988	GMC	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2523	1988	GMC	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2524	1988	GMC	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2525	1988	GMC	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2526	1988	GMC	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2527	1988	GMC	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2528	1988	GMC	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2529	1988	GMC	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2530	1988	GMC	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2531	1988	GMC	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2532	1988	GMC	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2533	1989	GMC	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2534	1989	GMC	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2535	1989	GMC	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
2536	1989	GMC	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2537	1989	GMC	C2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2538	1989	GMC	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2539	1989	GMC	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2540	1989	GMC	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2541	1989	GMC	C3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2542	1989	GMC	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2543	1989	GMC	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2544	1989	GMC	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2545	1989	GMC	C3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2546	1989	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2547	1989	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2548	1989	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2549	1989	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2550	1989	GMC	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2551	1989	GMC	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2552	1989	GMC	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
2553	1989	GMC	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2554	1989	GMC	K2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2555	1989	GMC	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2556	1989	GMC	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2557	1989	GMC	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2558	1989	GMC	K3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2559	1989	GMC	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2560	1989	GMC	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2561	1989	GMC	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2562	1989	GMC	K3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2563	1989	GMC	P3500	5.7		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33006	ALL
2564	1989	GMC	P3500	5.7		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33009	ALL
2565	1989	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2566	1989	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2567	1989	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2568	1989	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2569	1989	GMC	R2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2570	1989	GMC	R2500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2571	1989	GMC	R2500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2572	1989	GMC	R2500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2573	1989	GMC	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2574	1989	GMC	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2575	1989	GMC	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2576	1989	GMC	R3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2577	1989	GMC	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2578	1989	GMC	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2579	1989	GMC	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2580	1989	GMC	R3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2581	1989	GMC	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2582	1989	GMC	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2583	1989	GMC	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33476	ALL
2584	1989	GMC	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2585	1989	GMC	V3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2586	1989	GMC	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2587	1989	GMC	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2588	1989	GMC	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2589	1989	GMC	V3500	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2590	1990	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2591	1990	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2592	1990	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2593	1990	GMC	G3500	5.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2594	1990	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2595	1990	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2596	1990	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2597	1990	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2598	1991	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2599	1991	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2600	1991	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2601	1991	GMC	R2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2602	1992	GMC	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2603	1992	GMC	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2604	1992	GMC	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2605	1992	GMC	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2606	1992	GMC	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2607	1992	GMC	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2608	1992	GMC	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2609	1992	GMC	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2610	1993	GMC	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2611	1993	GMC	C2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2612	1993	GMC	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33006	ALL
2613	1993	GMC	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33009	ALL
2614	1993	GMC	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2615	1993	GMC	K2500 SUBURBAN	7.4		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34009	ALL
2616	1994	HONDA	PASSPORT	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2617	1994	HONDA	PASSPORT	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2618	1994	HONDA	PASSPORT	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2619	1994	HONDA	PASSPORT	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2620	1994	HONDA	PASSPORT	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2621	1994	HONDA	PASSPORT	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2622	1994	HONDA	PASSPORT	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2623	1994	HONDA	PASSPORT	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2624	1994	HONDA	PASSPORT	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2625	1994	HONDA	PASSPORT	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2626	1994	HONDA	PASSPORT	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34199	ALL
2627	1995	HONDA	PASSPORT	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2628	1995	HONDA	PASSPORT	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2629	1995	HONDA	PASSPORT	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2630	1995	HONDA	PASSPORT	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2631	1995	HONDA	PASSPORT	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2632	1995	HONDA	PASSPORT	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2633	1995	HONDA	PASSPORT	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2634	1995	HONDA	PASSPORT	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2635	1995	HONDA	PASSPORT	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2636	1995	HONDA	PASSPORT	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2637	1995	HONDA	PASSPORT	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34199	ALL
2638	1993	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33505	ALL
2639	1993	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33506	ALL
2640	1993	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2641	1993	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2642	1993	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34652	ALL
2643	1993	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33505	ALL
2644	1993	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33506	ALL
2645	1993	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2646	1993	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2647	1993	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34652	ALL
2648	1993	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33505	ALL
2649	1993	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33506	ALL
2650	1993	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2651	1993	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2652	1993	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34652	ALL
2653	1993	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2654	1993	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2655	1993	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL
2656	1993	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34006	ALL
2657	1994	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33505	ALL
2658	1994	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33506	ALL
2659	1994	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2660	1994	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2661	1994	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34652	ALL
2662	1994	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33505	ALL
2663	1994	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33506	ALL
2664	1994	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2665	1994	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2666	1994	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34652	ALL
2667	1994	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33505	ALL
2668	1994	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33506	ALL
2669	1994	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2670	1994	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2671	1994	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34652	ALL
2672	1994	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2673	1994	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2674	1994	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2675	1994	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2676	1994	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34199	ALL
2677	1994	ISUZU	TROOPER	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2678	1994	ISUZU	TROOPER	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2679	1994	ISUZU	TROOPER	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL
2680	1994	ISUZU	TROOPER	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34006	ALL
2681	1995	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33505	ALL
2682	1995	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33506	ALL
2683	1995	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL
2684	1995	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34006	ALL
2685	1995	ISUZU	PICKUP	2.3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34652	ALL
2686	1995	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33505	ALL
2687	1995	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33506	ALL
2688	1995	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2689	1995	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34006	ALL
2690	1995	ISUZU	PICKUP	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34652	ALL
2691	1995	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33505	ALL
2692	1995	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33506	ALL
2693	1995	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2694	1995	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2695	1995	ISUZU	RODEO	2.6		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34652	ALL
2696	1995	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2697	1995	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2698	1995	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2699	1995	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2700	1995	ISUZU	RODEO	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34199	ALL
2701	1995	ISUZU	TROOPER	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2702	1995	ISUZU	TROOPER	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2703	1995	ISUZU	TROOPER	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34005	ALL
2704	1995	ISUZU	TROOPER	3.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34006	ALL
2705	1987	LAND ROVER	RANGE ROVER	3.5		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	FL	UNIVERSAL	33104	ALL
2706	1987	LAND ROVER	RANGE ROVER	3.5		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	FL	UNIVERSAL	33105	ALL
2707	1987	LAND ROVER	RANGE ROVER	3.5		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	FR	UNIVERSAL	33104	ALL
2708	1987	LAND ROVER	RANGE ROVER	3.5		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	FR	UNIVERSAL	33105	ALL
2709	1987	LAND ROVER	RANGE ROVER	3.5		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	R	UNIVERSAL	34004	ALL
2710	1987	LAND ROVER	RANGE ROVER	3.5		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	R	UNIVERSAL	34005	ALL
2711	1988	LAND ROVER	RANGE ROVER	3.5		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	FL	UNIVERSAL	33104	ALL
2712	1988	LAND ROVER	RANGE ROVER	3.5		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	FL	UNIVERSAL	33105	ALL
2713	1988	LAND ROVER	RANGE ROVER	3.5		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	FR	UNIVERSAL	33104	ALL
2714	1988	LAND ROVER	RANGE ROVER	3.5		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	FR	UNIVERSAL	33105	ALL
2715	1988	LAND ROVER	RANGE ROVER	3.5		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	R	UNIVERSAL	34004	ALL
2716	1988	LAND ROVER	RANGE ROVER	3.5		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	R	UNIVERSAL	34005	ALL
2717	1986	MAZDA	B2000	2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
2718	1986	MAZDA	B2000	2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
2719	1986	MAZDA	B2000	2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2720	1986	MAZDA	B2000	2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2721	1987	MAZDA	B2000	2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
2722	1987	MAZDA	B2000	2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
2723	1987	MAZDA	B2000	2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2724	1987	MAZDA	B2000	2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2725	1987	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
2726	1987	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
2727	1987	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2728	1987	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2729	1987	MAZDA	B2600	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
2730	1987	MAZDA	B2600	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87
Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2731	1987	MAZDA	B2600	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2732	1987	MAZDA	B2600	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2733	1988	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
2734	1988	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
2735	1988	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2736	1988	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2737	1988	MAZDA	B2600	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
2738	1988	MAZDA	B2600	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
2739	1988	MAZDA	B2600	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2740	1988	MAZDA	B2600	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2741	1989	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
2742	1989	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
2743	1989	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2744	1989	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2745	1990	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33504	ALL
2746	1990	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33505	ALL
2747	1990	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2748	1990	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2749	1991	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33504	ALL
2750	1991	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33505	ALL
2751	1991	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2752	1991	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2753	1991	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2754	1991	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2755	1991	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2756	1991	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2757	1991	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2758	1992	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33504	ALL
2759	1992	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33505	ALL
2760	1992	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2761	1992	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2762	1992	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2763	1992	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2764	1992	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2765	1992	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2766	1992	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2767	1993	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33504	ALL
2768	1993	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33505	ALL
2769	1993	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2770	1993	MAZDA	B2200	2.2		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2771	1993	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2772	1993	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2773	1993	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2774	1993	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2775	1993	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2776	1994	MAZDA	B3000	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2777	1994	MAZDA	B3000	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2778	1994	MAZDA	B3000	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2779	1994	MAZDA	B3000	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2780	1994	MAZDA	B4000	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2781	1994	MAZDA	B4000	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2782	1994	MAZDA	B4000	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2783	1994	MAZDA	B4000	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2784	1994	MAZDA	MPV	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2785	1994	MAZDA	MPV	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2786	1994	MAZDA	MPV	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2787	1994	MAZDA	MPV	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2788	1994	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2789	1994	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2790	1994	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2791	1994	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34106	ALL
2792	1994	MAZDA	NAVAJO	4		PRE-OBDII	T-2	S	TWC(2)	2	0	U	DIRECT FIT	33388	ALL
2793	1995	MAZDA	MPV	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2794	1995	MAZDA	MPV	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2795	1995	MAZDA	MPV	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2796	1995	MAZDA	MPV	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2797	1994	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2798	1994	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2799	1994	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2800	1994	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	DIRECT FIT	33320	ALL
2801	1994	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2802	1994	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2803	1994	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34760	ALL
2804	1995	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2805	1995	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2806	1995	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2807	1995	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	DIRECT FIT	33320	ALL
2808	1995	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2809	1995	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2810	1995	MERCURY	VILLAGER	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34760	ALL
2811	1985	MITSUBISHI	MIGHTY MAX	2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
2812	1985	MITSUBISHI	MIGHTY MAX	2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
2813	1985	MITSUBISHI	MIGHTY MAX	2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2814	1985	MITSUBISHI	MIGHTY MAX	2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2815	1985	MITSUBISHI	MIGHTY MAX	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
2816	1985	MITSUBISHI	MIGHTY MAX	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
2817	1985	MITSUBISHI	MIGHTY MAX	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2818	1985	MITSUBISHI	MIGHTY MAX	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2819	1986	MITSUBISHI	MIGHTY MAX	2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
2820	1986	MITSUBISHI	MIGHTY MAX	2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
2821	1986	MITSUBISHI	MIGHTY MAX	2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2822	1986	MITSUBISHI	MIGHTY MAX	2		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2823	1986	MITSUBISHI	MIGHTY MAX	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33504	ALL
2824	1986	MITSUBISHI	MIGHTY MAX	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33505	ALL
2825	1986	MITSUBISHI	MIGHTY MAX	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34104	ALL
2826	1986	MITSUBISHI	MIGHTY MAX	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34105	ALL
2827	1995	MITSUBISHI	MONTERO	3		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	F	UNIVERSAL	33104	ALL
2828	1995	MITSUBISHI	MONTERO	3		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	F	UNIVERSAL	33105	ALL
2829	1995	MITSUBISHI	MONTERO	3		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	R	UNIVERSAL	34104	ALL
2830	1995	MITSUBISHI	MONTERO	3		PRE-OBDII	T-2	DS	2TWC,TWC	3	0	R	UNIVERSAL	34105	ALL
2831	1994	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2832	1994	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2833	1994	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2834	1994	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	DIRECT FIT	33320	ALL
2835	1994	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2836	1994	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2837	1994	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34760	ALL
2838	1995	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2839	1995	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2840	1995	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33106	ALL
2841	1995	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	F	DIRECT FIT	33320	ALL
2842	1995	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2843	1995	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2844	1995	NISSAN	QUEST	3		PRE-OBDII	T-2	S	TWC(2)	2	0	R	DIRECT FIT	34760	ALL
2845	1980	PLYMOUTH	PB100	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2846	1980	PLYMOUTH	PB100	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2847	1980	PLYMOUTH	PB100	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2848	1980	PLYMOUTH	PB100	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2849	1980	PLYMOUTH	PB100	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2850	1980	PLYMOUTH	PB100	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2851	1980	PLYMOUTH	PB200	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2852	1980	PLYMOUTH	PB200	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2853	1980	PLYMOUTH	PB200	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2854	1980	PLYMOUTH	PB200	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2855	1980	PLYMOUTH	PB200	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2856	1980	PLYMOUTH	PB200	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2857	1981	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2858	1981	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2859	1981	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2860	1981	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2861	1981	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2862	1981	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2863	1981	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2864	1981	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2865	1981	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2866	1981	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2867	1981	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2868	1981	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2869	1982	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2870	1982	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2871	1982	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2872	1982	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2873	1982	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2874	1982	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2875	1982	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2876	1982	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2877	1982	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2878	1982	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2879	1982	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2880	1982	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2881	1982	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2882	1982	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2883	1982	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2884	1982	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
2885	1982	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
2886	1982	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
2887	1982	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
2888	1982	PLYMOUTH	PB350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2889	1982	PLYMOUTH	PB350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2890	1982	PLYMOUTH	PB350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
2891	1982	PLYMOUTH	PB350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
2892	1982	PLYMOUTH	PB350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
2893	1982	PLYMOUTH	PB350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2894	1982	PLYMOUTH	PB350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2895	1982	PLYMOUTH	PB350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
2896	1982	PLYMOUTH	PB350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
2897	1982	PLYMOUTH	PB350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
2898	1983	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2899	1983	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2900	1983	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2901	1983	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2902	1983	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2903	1983	PLYMOUTH	PB150	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2904	1983	PLYMOUTH	PB150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2905	1983	PLYMOUTH	PB150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2906	1983	PLYMOUTH	PB150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2907	1983	PLYMOUTH	PB150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
2908	1983	PLYMOUTH	PB150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
2909	1983	PLYMOUTH	PB150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
2910	1983	PLYMOUTH	PB150	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
2911	1983	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2912	1983	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2913	1983	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2914	1983	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2915	1983	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2916	1983	PLYMOUTH	PB250	3.7		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34006	ALL
2917	1983	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2918	1983	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2919	1983	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2920	1983	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33206	ALL
2921	1983	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
2922	1983	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
2923	1983	PLYMOUTH	PB250	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
2924	1983	PLYMOUTH	PB350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2925	1983	PLYMOUTH	PB350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2926	1983	PLYMOUTH	PB350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
2927	1983	PLYMOUTH	PB350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
2928	1983	PLYMOUTH	PB350	5.2		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
2929	1983	PLYMOUTH	PB350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2930	1983	PLYMOUTH	PB350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33106	ALL
2931	1983	PLYMOUTH	PB350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34005	ALL
2932	1983	PLYMOUTH	PB350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	UNIVERSAL	34006	ALL
2933	1983	PLYMOUTH	PB350	5.9		PRE-OBDII	T-2	S	OC(2)	2	0	U	DIRECT FIT	34289	ALL
2934	1984	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2935	1984	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2936	1984	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2937	1984	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2938	1984	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34283	ALL
2939	1985	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2940	1985	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2941	1985	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2942	1985	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2943	1985	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34283	ALL
2944	1986	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2945	1986	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2946	1986	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2947	1986	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2948	1986	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34283	ALL
2949	1987	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2950	1987	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2951	1987	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2952	1987	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2953	1987	PLYMOUTH	VOYAGER	2.6		PRE-OBDII	T-2	S	OC(2)	2	0	R	DIRECT FIT	34283	ALL
2954	1983	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2955	1983	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2956	1983	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33868	ALL
2957	1983	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2958	1983	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2959	1984	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33002	ALL
2960	1984	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33104	ALL
2961	1984	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33105	ALL
2962	1984	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33868	ALL
2963	1984	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2964	1984	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2965	1985	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33002	ALL
2966	1985	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33868	ALL
2967	1985	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2968	1985	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2969	1986	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33002	ALL
2970	1986	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33868	ALL
2971	1986	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2972	1986	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2973	1987	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	UNIVERSAL	33002	ALL
2974	1987	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	F	DIRECT FIT	33868	ALL
2975	1987	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34004	ALL
2976	1987	SUBARU	BRAT	1.8		PRE-OBDII	T-2	S	OC(2)	2	0	R	UNIVERSAL	34005	ALL
2977	1994	TOYOTA	PREVIA	2.4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL
2978	1994	TOYOTA	PREVIA	2.4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2979	1994	TOYOTA	PREVIA	2.4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	DIRECT FIT	33897	ALL
2980	1994	TOYOTA	PREVIA	2.4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2981	1994	TOYOTA	PREVIA	2.4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL
2982	1995	TOYOTA	PREVIA	2.4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33104	ALL

Test Group Name is Optional for Pre-OBD-II Vehicles.

Appendix D-193-87

Car Sound Exhaust Systems, Inc. 33000 / 34000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
2983	1995	TOYOTA	PREVIA	2.4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	UNIVERSAL	33105	ALL
2984	1995	TOYOTA	PREVIA	2.4		PRE-OBDII	T-2	S	TWC(2)	2	0	F	DIRECT FIT	33897	ALL
2985	1995	TOYOTA	PREVIA	2.4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34104	ALL
2986	1995	TOYOTA	PREVIA	2.4		PRE-OBDII	T-2	S	TWC(2)	2	0	R	UNIVERSAL	34105	ALL