

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER D-709-6

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

Miller CAT Corporation

"Series 74000N and 76000N Three-Way Catalytic Converters"

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

WHEREAS, Miller CAT Corporation of 1533 Berger Drive, San Jose, California 95112, has applied to CARB for exemption from the prohibitions in VC Sections 27156 and 38391 to market its new aftermarket Series 74000N and 76000N three-way catalytic converters (TWC) on select 2001 through 2005 model-year light-duty trucks [3,751-5,750 lbs. LVW] LDT2 and medium-duty vehicles equipped with on-board diagnostic II (OBD II) systems as specified in Appendix D-709-6 and incorporated herein. Series 74000N and 76000N TWCs will be used as replacements on vehicles equipped with multiple catalytic converters. Series 74000N catalytic converter will be used as the front universal converter or in a direct fit manifold-converter assembly and Series 76000N catalytic converter will be used as the rear universal converter.

WHEREAS, pursuant to the authority vested in the Executive Officer by Health and Safety Code (HSC) Section 39515 and in the Chief of the Emissions Compliance, Automotive Regulations and Science Division by HSC Section 39516 and Executive Order G-14-012, CARB finds that the above aftermarket catalytic converters comply with VC Sections 27156 and 38395 and Title 13, CCR Section 2222(h). Emission performance of the catalytic converters was based on durability bench-aging by Umicore Automotive Catalysts USA (Umicore) using the CARB-modified RAT-A bench-aging cycle for 100 hours as specified in Appendix A to the "California Evaluation Procedures for New Aftermarket Catalytic Converters," adopted on October 25, 2007 (Converter Evaluation Procedures).

WHEREAS, emissions and OBD II compatibility tests conducted by Miller CAT Corporation using a 2004 model-year 2.7 liter Hyundai Santa Fe (~LEV I ULEV LDT2) modified with Series 74000N and 7600N TWCs showed that the vehicle met the applicable emission standards and that Series 74000N and 76000N TWCs did not falsely cause the malfunction indicator light to illuminate. Federal Test Procedure emission standards and test results in grams per mile are shown below:

	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>
100K ~LEV I ULEV LDT2 standards	0.090	4.2	0.3
Santa Fe 74000N/76000N test 1	0.079	0.6	0.3
Santa Fe 74000N/76000N test 2	0.068	0.6	0.3

WHEREAS, Miller CAT Corporation conducted proper malfunction indicator light illumination demonstration with Series 74000N and 76000N TWCs on the same Santa Fe and demonstrated compliance with the requirements in Section (e)(5)(B) of the Converter Evaluation Procedures.

THEREFORE, IT IS HEREBY RESOLVED that Miller CAT Corporation's Series 74000N and 76000N TWCs are exempted from the prohibitions in VC Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-709-6 subject to the following conditions:

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

8. Any marketing arrangement of the new aftermarket catalytic converters by a third party, which involves the use of packaging identification different from the ones described in this Executive Order, must be approved by CARB prior to shipment.
9. Miller CAT Corporation, its associates, vendors, other businesses and individuals associated with Miller CAT Corporation may not sell or supply new aftermarket catalytic converter substrates to a third party to be assembled in a different facility and marketed under this Executive Order without approval from CARB.
10. Miller CAT Corporation shall comply with the quality control procedures and reporting requirements in Section (f)(5) of the Converter Evaluation Procedures.
11. Quality control reports must be submitted on a quarterly basis and warranty information reports on a semi-annual basis.
12. Miller CAT Corporation must provide a permanent label or stamp as specified under Section (f)(1) of the Converter Evaluation Procedures.
13. Miller CAT Corporation's vehicle application catalog must conform to the requirements specified under Section (f)(4) of the Converter Evaluation Procedures.

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

Executed at El Monte, California, this 26th day of July 2017.


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

Appendix D-709-6
Miller CAT Corporation 74000 / 76000

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	2001	Hyundai	Santa Fe	2.7	1HYXT02.7M3S	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	74115N	ALL
2	2001	Hyundai	Santa Fe	2.7	1HYXT02.7M3S	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	74116N	ALL
3	2001	Hyundai	Santa Fe	2.7	1HYXT02.7M3S	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	76004N	ALL
4	2002	Hyundai	Santa Fe	2.7	2HYXT02.7MLS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	74115N	ALL
5	2002	Hyundai	Santa Fe	2.7	2HYXT02.7MLS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	74116N	ALL
6	2002	Hyundai	Santa Fe	2.7	2HYXT02.7MLS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	76004N	ALL
7	2003	Hyundai	Santa Fe	2.7	3HYXT02.7MLS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	74115N	ALL
8	2003	Hyundai	Santa Fe	2.7	3HYXT02.7MLS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	74116N	ALL
9	2003	Hyundai	Santa Fe	2.7	3HYXT02.7MLS	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	76004N	ALL
10	2004	Hyundai	Santa Fe	2.7	4HYXT02.7MU9	LEV1 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	74115N	ALL
11	2004	Hyundai	Santa Fe	2.7	4HYXT02.7MU9	LEV1 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	74116N	ALL
12	2004	Hyundai	Santa Fe	2.7	4HYXT02.7MU9	LEV1 ULEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	76004N	ALL
13	2003	Infiniti	FX45	4.5	3NSXT04.5C8A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74158N	ALL
14	2003	Infiniti	FX45	4.5	3NSXT04.5C8A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74159N	ALL
15	2003	Infiniti	FX45	4.5	3NSXT04.5C8A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76005N	ALL
16	2003	Infiniti	FX45	4.5	3NSXT04.5C8A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76005N	ALL
17	2004	Infiniti	FX45	4.5	4NSXT04.5M8A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74158N	ALL
18	2004	Infiniti	FX45	4.5	4NSXT04.5M8A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74159N	ALL
19	2004	Infiniti	FX45	4.5	4NSXT04.5M8A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76005N	ALL
20	2004	Infiniti	FX45	4.5	4NSXT04.5M8A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76005N	ALL
21	2004	Infiniti	QX56	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	FL	DIRECT FIT	74119N	ALL
22	2004	Infiniti	QX56	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	FR	DIRECT FIT	74120N	ALL
23	2004	Infiniti	QX56	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	RL	UNIVERSAL	76005N	ALL
24	2004	Infiniti	QX56	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	RR	UNIVERSAL	76005N	ALL
25	2005	Infiniti	FX45	4.5	5NSXT04.5M8A	LEV1 LEV	MDV2	D	2TWC(2)	4	2	FL	DIRECT FIT	74158N	AWD
26	2005	Infiniti	FX45	4.5	5NSXT04.5M8A	LEV1 LEV	MDV2	D	2TWC(2)	4	2	FR	DIRECT FIT	74159N	AWD
27	2005	Infiniti	FX45	4.5	5NSXT04.5M8A	LEV1 LEV	MDV2	D	2TWC(2)	4	2	RL	UNIVERSAL	76005N	AWD
28	2005	Infiniti	FX45	4.5	5NSXT04.5M8A	LEV1 LEV	MDV2	D	2TWC(2)	4	2	RR	UNIVERSAL	76005N	AWD
29	2003	Lexus	GX470	4.7	3TYXT04.7FFP	LEV1 LEV	LDT2	DS	2TWC,TWC	4	2	FL	DIRECT FIT	74176N	ALL
30	2003	Lexus	GX470	4.7	3TYXT04.7FFP	LEV1 LEV	LDT2	DS	2TWC,TWC	4	2	FR	DIRECT FIT	74177N	ALL
31	2003	Lexus	GX470	4.7	3TYXT04.7FFP	LEV1 LEV	LDT2	DS	2TWC,TWC	4	2	R	UNIVERSAL	76005N	ALL
32	2004	Lexus	GX470	4.7	4TYXT04.7VRM	LEV1 LEV	LDT2	D	2WU-TWC,TWC	4	2	FL	DIRECT FIT	74176N	ALL
33	2004	Lexus	GX470	4.7	4TYXT04.7V1X	LEV1 LEV	LDT2	D	2WU-TWC,TWC	4	2	FL	DIRECT FIT	74176N	ALL
34	2004	Lexus	GX470	4.7	4TYXT04.7VRM	LEV1 LEV	LDT2	D	2WU-TWC,TWC	4	2	FR	DIRECT FIT	74177N	ALL
35	2004	Lexus	GX470	4.7	4TYXT04.7V1X	LEV1 LEV	LDT2	D	2WU-TWC,TWC	4	2	FR	DIRECT FIT	74177N	ALL
36	2004	Lexus	GX470	4.7	4TYXT04.7VRM	LEV1 LEV	LDT2	D	2WU-TWC,TWC	4	2	R	UNIVERSAL	76005N	ALL
37	2004	Lexus	GX470	4.7	4TYXT04.7V1X	LEV1 LEV	LDT2	D	2WU-TWC,TWC	4	2	R	UNIVERSAL	76005N	ALL
38	2000	Mazda	MPV	2.5	YTKXT02.52FM	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	74146N	ALL
39	2000	Mazda	MPV	2.5	YTKXT02.52FM	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	74147N	ALL
40	2000	Mazda	MPV	2.5	YTKXT02.52FM	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	76005N	ALL
41	2001	Mazda	MPV	2.5	1TKXT02.5CMA	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	74146N	ALL

Appendix D-709-6
Miller CAT Corporation 74000 / 76000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
42	2001	Mazda	MPV	2.5	1TKXT02.5CMB	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	74146N	ALL
43	2001	Mazda	MPV	2.5	1TKXT02.5CMA	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	74147N	ALL
44	2001	Mazda	MPV	2.5	1TKXT02.5CMB	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	74147N	ALL
45	2001	Mazda	MPV	2.5	1TKXT02.5CMA	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	76005N	ALL
46	2001	Mazda	MPV	2.5	1TKXT02.5CMB	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	76005N	ALL
47	2002	Mazda	MPV	3	2TKXT03.0GLA	LEV1 ULEV	LDT2	DS	2WU-TWC,2TWC	4	4	FL	DIRECT FIT	74178N	ALL
48	2002	Mazda	MPV	3	2TKXT03.0GLA	LEV1 ULEV	LDT2	DS	2WU-TWC,2TWC	4	4	FR	DIRECT FIT	74179N	ALL
49	2002	Mazda	MPV	3	2TKXT03.0GLA	LEV1 ULEV	LDT2	DS	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	76004N	ALL
50	2002	Mazda	MPV	3	2TKXT03.0GLA	LEV1 ULEV	LDT2	DS	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	76004N	ALL
51	2003	Mazda	MPV	3	3TKXT03.0FLA	LEV1 LEV	LDT2	DS	2WU-TWC,2TWC	4	4	FL	DIRECT FIT	74100N	ALL
52	2003	Mazda	MPV	3	3TKXT03.0FLA	LEV1 LEV	LDT2	DS	2WU-TWC,2TWC	4	4	FL	DIRECT FIT	74178N	ALL
53	2003	Mazda	MPV	3	3TKXT03.0FLA	LEV1 LEV	LDT2	DS	2WU-TWC,2TWC	4	4	FR	DIRECT FIT	74101N	ALL
54	2003	Mazda	MPV	3	3TKXT03.0FLA	LEV1 LEV	LDT2	DS	2WU-TWC,2TWC	4	4	FR	DIRECT FIT	74179N	ALL
55	2003	Mazda	MPV	3	3TKXT03.0FLA	LEV1 LEV	LDT2	DS	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	76004N	ALL
56	2003	Mazda	MPV	3	3TKXT03.0FLA	LEV1 LEV	LDT2	DS	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	76035N	ALL
57	2003	Mazda	MPV	3	3TKXT03.0FLA	LEV1 LEV	LDT2	DS	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	76004N	ALL
58	2003	Mazda	MPV	3	3TKXT03.0FLA	LEV1 LEV	LDT2	DS	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	76035N	ALL
59	2004	Mazda	MPV	3	4TKXT03.0ALA	LEV1 LEV	LDT2	DS	2WU-TWC,2TWC	4	4	FL	DIRECT FIT	74100N	ALL
60	2004	Mazda	MPV	3	4TKXT03.0ALA	LEV1 LEV	LDT2	DS	2WU-TWC,2TWC	4	4	FR	DIRECT FIT	74101N	ALL
61	2004	Mazda	MPV	3	4TKXT03.0ALA	LEV1 LEV	LDT2	DS	2WU-TWC,2TWC	4	4	RL	UNIVERSAL	76035N	ALL
62	2004	Mazda	MPV	3	4TKXT03.0ALA	LEV1 LEV	LDT2	DS	2WU-TWC,2TWC	4	4	RR	UNIVERSAL	76035N	ALL
63	2001	Mercury	Villager	3.3	1FMXT03.3C5C	LEV1 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	74145N	ALL
64	2001	Mercury	Villager	3.3	1FMXT03.3C9A	LEV1 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	74145N	ALL
65	2001	Mercury	Villager	3.3	1FMXT03.3C5C	LEV1 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	76005N	ALL
66	2001	Mercury	Villager	3.3	1FMXT03.3C9A	LEV1 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	76005N	ALL
67	2002	Mercury	Villager	3.3	2FMXT03.3C5C	LEV1 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	74145N	ALL
68	2002	Mercury	Villager	3.3	2FMXT03.3C5C	LEV1 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	76005N	ALL
69	2001	Nissan	Frontier	3.3	1NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74174N	ALL
70	2001	Nissan	Frontier	3.3	1NSXT03.5C9A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74174N	ALL
71	2001	Nissan	Frontier	3.3	1NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74175N	ALL
72	2001	Nissan	Frontier	3.3	1NSXT03.5C9A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74175N	ALL
73	2001	Nissan	Frontier	3.3	1NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76004N	ALL
74	2001	Nissan	Frontier	3.3	1NSXT03.5C9A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76004N	ALL
75	2001	Nissan	Frontier	3.3	1NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76004N	ALL
76	2001	Nissan	Frontier	3.3	1NSXT03.5C9A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76004N	ALL
77	2001	Nissan	Quest	3.3	1NSXT03.3C5C	LEV1 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	74145N	ALL
78	2001	Nissan	Quest	3.3	1NSXT03.3C5C	LEV1 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	76005N	ALL
79	2001	Nissan	Xterra	3.3	1NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74174N	ALL
80	2001	Nissan	Xterra	3.3	1NSXT03.5C9A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74174N	ALL
81	2001	Nissan	Xterra	3.3	1NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74175N	ALL
82	2001	Nissan	Xterra	3.3	1NSXT03.5C9A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74175N	ALL

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Miller CAT Corporation 74000 / 76000

No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
83	2001	Nissan	Xterra	3.3	1NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76004N	ALL
84	2001	Nissan	Xterra	3.3	1NSXT03.5C9A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76004N	ALL
85	2001	Nissan	Xterra	3.3	1NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76004N	ALL
86	2001	Nissan	Xterra	3.3	1NSXT03.5C9A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76004N	ALL
87	2002	Nissan	Frontier	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74174N	ALL
88	2002	Nissan	Frontier	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74175N	ALL
89	2002	Nissan	Frontier	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76004N	ALL
90	2002	Nissan	Frontier	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76004N	ALL
91	2002	Nissan	Quest	3.3	2NSXT03.3C5C	LEV1 LEV	LDT2	S	TWC(2)	2	1	F	DIRECT FIT	74145N	ALL
92	2002	Nissan	Quest	3.3	2NSXT03.3C5C	LEV1 LEV	LDT2	S	TWC(2)	2	1	R	UNIVERSAL	76005N	ALL
93	2002	Nissan	Xterra	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74174N	ALL
94	2002	Nissan	Xterra	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74175N	ALL
95	2002	Nissan	Xterra	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76004N	ALL
96	2002	Nissan	Xterra	3.3	2NSXT03.3C5A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76004N	ALL
97	2003	Nissan	Frontier	3.3	3NSXT03.3C6A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74174N	ALL
98	2003	Nissan	Frontier	3.3	3NSXT03.3C6A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74175N	ALL
99	2003	Nissan	Frontier	3.3	3NSXT03.3C6A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76004N	ALL
100	2003	Nissan	Frontier	3.3	3NSXT03.3C6A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76004N	ALL
101	2003	Nissan	Xterra	3.3	3NSXT03.3C6A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74174N	ALL
102	2003	Nissan	Xterra	3.3	3NSXT03.3C6A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74175N	ALL
103	2003	Nissan	Xterra	3.3	3NSXT03.3C6A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76004N	ALL
104	2003	Nissan	Xterra	3.3	3NSXT03.3C6A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76004N	ALL
105	2004	Nissan	Frontier	3.3	4NSXT03.3M6B	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74174N	ALL
106	2004	Nissan	Frontier	3.3	4NSXT03.5M7A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74174N	ALL
107	2004	Nissan	Frontier	3.3	4NSXT03.3M6B	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74175N	ALL
108	2004	Nissan	Frontier	3.3	4NSXT03.5M7A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74175N	ALL
109	2004	Nissan	Frontier	3.3	4NSXT03.3M6B	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76004N	ALL
110	2004	Nissan	Frontier	3.3	4NSXT03.5M7A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76004N	ALL
111	2004	Nissan	Frontier	3.3	4NSXT03.3M6B	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76004N	ALL
112	2004	Nissan	Frontier	3.3	4NSXT03.5M7A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76004N	ALL
113	2004	Nissan	Pathfinder Armada	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	FL	DIRECT FIT	74119N	ALL
114	2004	Nissan	Pathfinder Armada	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	FR	DIRECT FIT	74120N	ALL
115	2004	Nissan	Pathfinder Armada	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	RL	UNIVERSAL	76005N	ALL
116	2004	Nissan	Pathfinder Armada	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	RR	UNIVERSAL	76005N	ALL
117	2004	Nissan	Pathfinder	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	FL	DIRECT FIT	74119N	ALL
118	2004	Nissan	Pathfinder	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	FR	DIRECT FIT	74120N	ALL
119	2004	Nissan	Pathfinder	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	RL	UNIVERSAL	76005N	ALL
120	2004	Nissan	Pathfinder	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	RR	UNIVERSAL	76005N	ALL
121	2004	Nissan	Titan	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	FL	DIRECT FIT	74119N	ALL
122	2004	Nissan	Titan	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	FR	DIRECT FIT	74120N	ALL
123	2004	Nissan	Titan	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	RL	UNIVERSAL	76005N	ALL

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No.	Model Year	Make	Model	Engine Size (liters)	Test Group Name	Certification Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converter	Conv. Location	Converter Part Type	MFR Part Number	Application Type
124	2004	Nissan	Titan	5.6	4NSXT05.6P9B	LEV1 ULEV	MDV3	D	2TWC(2)	4	2	RR	UNIVERSAL	76005N	ALL
125	2004	Nissan	Xterra	3.3	4NSXT03.3M6B	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74174N	ALL
126	2004	Nissan	Xterra	3.3	4NSXT03.5M7A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FL	DIRECT FIT	74174N	ALL
127	2004	Nissan	Xterra	3.3	4NSXT03.3M6B	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74175N	ALL
128	2004	Nissan	Xterra	3.3	4NSXT03.5M7A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	FR	DIRECT FIT	74175N	ALL
129	2004	Nissan	Xterra	3.3	4NSXT03.3M6B	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76004N	ALL
130	2004	Nissan	Xterra	3.3	4NSXT03.5M7A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RL	UNIVERSAL	76004N	ALL
131	2004	Nissan	Xterra	3.3	4NSXT03.3M6B	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76004N	ALL
132	2004	Nissan	Xterra	3.3	4NSXT03.5M7A	LEV1 LEV	LDT2	D	2TWC(2)	4	2	RR	UNIVERSAL	76004N	ALL
133	2002	Suzuki	Grand Vitara	2.7	2SKXT2.74LC1	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	74121N	ALL
134	2002	Suzuki	Grand Vitara	2.7	2SKXT2.74LC1	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	74122N	ALL
135	2002	Suzuki	Grand Vitara	2.7	2SKXT2.74LC1	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	76004N	ALL
136	2003	Suzuki	Grand Vitara	2.7	3SKXT2.74LC1	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	74121N	ALL
137	2003	Suzuki	Grand Vitara	2.7	3SKXT2.74LC1	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	DIRECT FIT	74122N	ALL
138	2003	Suzuki	Grand Vitara	2.7	3SKXT2.74LC1	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	76004N	ALL
139	2001	Toyota	Sienna	3	1TYXT03.0FFP	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	FL	DIRECT FIT	74153N	ALL
140	2001	Toyota	Sienna	3	1TYXT03.0FFP	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	FR	UNIVERSAL	74004N	ALL
141	2001	Toyota	Sienna	3	1TYXT03.0FFP	LEV1 LEV	LDT1	DS	2TWC,TWC	3	2	R	UNIVERSAL	76005N	ALL
142	2002	Toyota	Sienna	3	2TYXT03.0FFP	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FL	DIRECT FIT	74153N	ALL
143	2002	Toyota	Sienna	3	2TYXT03.0FFP	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	FR	UNIVERSAL	74004N	ALL
144	2002	Toyota	Sienna	3	2TYXT03.0FFP	LEV1 LEV	LDT2	DS	2WU-TWC,TWC	3	2	R	UNIVERSAL	76005N	ALL
145	2003	Toyota	4Runner	4	3TYXT04.0FFP	LEV1 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	74160N	ALL
146	2003	Toyota	4Runner	4	3TYXT04.0FFP	LEV1 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	74161N	ALL
147	2003	Toyota	4Runner	4	3TYXT04.0FFP	LEV1 LEV	LDT2	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	76005N	ALL
148	2003	Toyota	4Runner	4	3TYXT04.0FFP	LEV1 LEV	LDT2	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	76005N	ALL
149	2003	Toyota	4Runner	4.7	3TYXT04.7FFP	LEV1 LEV	LDT2	DS	2TWC,TWC	4	2	FL	DIRECT FIT	74176N	ALL
150	2003	Toyota	4Runner	4.7	3TYXT04.7FFP	LEV1 LEV	LDT2	DS	2TWC,TWC	4	2	FR	DIRECT FIT	74177N	ALL
151	2003	Toyota	4Runner	4.7	3TYXT04.7FFP	LEV1 LEV	LDT2	DS	2TWC,TWC	4	2	R	UNIVERSAL	76005N	ALL
152	2003	Toyota	Sienna	3	3TYXT03.0FFP	LEV1 LEV	LDT2	DS	2TWC,TWC	3	2	FL	DIRECT FIT	74153N	ALL
153	2003	Toyota	Sienna	3	3TYXT03.0FFP	LEV1 LEV	LDT2	DS	2TWC,TWC	3	2	FR	UNIVERSAL	74004N	ALL
154	2003	Toyota	Sienna	3	3TYXT03.0FFP	LEV1 LEV	LDT2	DS	2TWC,TWC	3	2	R	UNIVERSAL	76005N	ALL
155	2004	Toyota	4Runner	4	4TYXT04.0VRM	LEV1 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FL	DIRECT FIT	74160N	ALL
156	2004	Toyota	4Runner	4	4TYXT04.0VRM	LEV1 LEV	LDT2	D	2WU-TWC,2TWC	4	2	FR	DIRECT FIT	74161N	ALL
157	2004	Toyota	4Runner	4	4TYXT04.0VRM	LEV1 LEV	LDT2	D	2WU-TWC,2TWC	4	2	RL	UNIVERSAL	76005N	ALL
158	2004	Toyota	4Runner	4	4TYXT04.0VRM	LEV1 LEV	LDT2	D	2WU-TWC,2TWC	4	2	RR	UNIVERSAL	76005N	ALL
159	2004	Toyota	4Runner	4.7	4TYXT04.7VRM	LEV1 LEV	LDT2	D	2WU-TWC,TWC	4	2	FL	DIRECT FIT	74176N	ALL
160	2004	Toyota	4Runner	4.7	4TYXT04.7VRM	LEV1 LEV	LDT2	D	2WU-TWC,TWC	4	2	FR	DIRECT FIT	74177N	ALL
161	2004	Toyota	4Runner	4.7	4TYXT04.7VRM	LEV1 LEV	LDT2	D	2WU-TWC,TWC	4	2	R	UNIVERSAL	76005N	ALL