

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER D-353-41

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

Miller Catalyzer Corporation
"Series 45000 and 61000 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, Miller Catalyzer Corporation of 3295 Depot Road, Hayward, California 94545, 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 45000 and 61000 three-way catalytic converters (TWC) on selected 1995 through 2004 model year Ford and Mazda light-duty trucks 2 (LDT2) and medium-duty vehicles equipped with on-board diagnostic II (OBD-II) systems and multiple catalytic converter systems (2, 3, 4 or 5 units total) as specified in Appendix D-353-41 and incorporated herein. Series 61000 TWC will be used as front catalytic converters (2 units) and Series 45000 TWC as rear catalytic converter(s) (1 unit, 2 or 3 units) for multiple catalytic converter applications. Series 45000 TWC only will be used for dual exhaust system (1 unit per bank, 2 units total). These catalytic converters may be sold as universal or direct fit system.

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 converters was based on durability bench-aging by Umicore Automotive 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, previous emissions and OBD II compatibility tests conducted by Miller Catalyzer Corporation using a vehicle of weight classification and exhaust configuration similar to those listed in Appendix D-353-41 and certified to Low Emission Vehicle (LEV) standards resulted in the issuance of Executive Orders D-353-16, it was determined that the installation of Series 45000 and 61000 on the vehicles listed in Appendix D-353-41 meets the requirements of California regulation for aftermarket catalytic converters.

THEREFORE, IT IS HEREBY RESOLVED that Miller Catalyzer Corporation's Series 45000 and 61000 TWCs are exempted from the prohibitions in Vehicle Code Sections 27156 and 38391 for installation on the approved vehicle applications specified in Appendix D-353-41 subject to the following conditions:

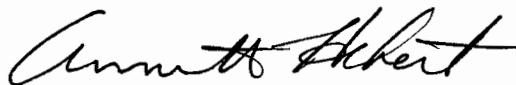
1. No changes are permitted to the catalytic converters as described in the application for exemption. Any changes to the catalytic converters or any of their components, and other factors addressed in this order must be evaluated and approved by the Air Resources Board prior to marketing in California.
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 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 Catalyzer 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 of Vehicle Code Sections 27156 and 38391.
4. Miller Catalyzer Corporation'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. Miller Catalyzer 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 (OEM) catalytic converters.
8. Any marketing arrangement of the new aftermarket catalytic converter by a third party, which involves the use of packaging identification different from the ones described in this Executive Order, must be approved by the Air Resources Board prior to shipment.

9. Miller Catalyzer Corporation, its associates, vendors, other businesses and individuals associated with Miller Catalyzer 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 the Air Resources Board.
10. Miller Catalyzer Corporation 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. Miller Catalyzer Corporation 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. Miller Catalyzer Corporation's vehicle application catalog must conform with the requirements specified under Section (f)(4) of the "California Evaluation Procedures for New Aftermarket Catalytic Converters," as adopted on October 25, 2007.

Executive Order D-353-19 dated November 11, 2007, is hereby superseded and of no further force and effect.

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

Miller Catalyzer Corporation, Catalytic Converter Series 61000/45000, For Ford/Mazda LDT2 and MDV																			
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit							
1	1996	Windstar	3.0L	TFM3.028G1EK	Tier 1	LDT2	D	2	2TWC	2	45212	45174							
2		Ranger Pickup 4WD		TFM3.028G1FK			S		TWC(2)		N/A	45925							
3		B3000 4X4		TFM3.028G1GK			D		2TWC		45212	45990							
4		Aerostar		TFM3.828G1EK			S		2TWC		N/A	45174							
5		Windstar	TFM4.028G1EK	2									TWC(2)	45925					
6		B4000 4X4	TFM4.028G1FK																
7		Explorer 2WD	TFM4.028G1GK																
8		Explorer 4WD	TFM4.028G1GK																
9		Aerostar	TFM4.028G2EK	TLEV	MDV2	D	4	TWC, OC	1	45212D/ 45212	45951								
10		Ranger Pickup 4WD	TFM4.958GFJK																
11		B4000 4X4	TFM4.968GFJK									MDV3							
		Explorer 4x4, 4x2																	
12		E150 Econoline 2WD, F250	4.9L	Tier 1	MDV2	D	4	2TWC(2)	4	61212/ 45212	45955								
		F150 Pickup 2WD																	
		Bronco 4WD																	
		F150 Pickup 4WD																	
13	E150 Econoline 2WD	5.8L	Tier 1									MDV3	S	2	TWC(2)	2	45212D/ 45212	45955	
14	E150 Club Wagon																		TFM5.0J8G1EK
15	Bronco 4WD, F150, F250																		TFM5.8H8G1EK
16	Ford Windstar																		VFM3.028G1EK
17	Ranger Pickup 2WD, Mazda B-Series	VFM3.028G1FK		D	2	TWC(2)	N/A	45174											
18	Ford Windstar	VFM3.828G1EK																	
19	Ranger Pickup 4WD, Mazda 4x2	VFM4.028G1EK																	
20	Ranger Pickup 4WD, Mazda B-Series	VFM4.028G2EK																	
21	Explorer 2WD	4.0L	TLEV	LDT2	S	2	TWC(2)	2	N/A	45925									
22	Explorer 4WD										VFM4.028G2HK								
23	F150 Pickup 2WD, 4WD										VFM4.228G1EK								
24	E150 Econoline 2WD										VFM4.2H8G1EK								
25	E350 2WD	4.2L									Tier 1	MDV2	D	4	2TWC(2)	4	61212/ 45212	45934/ 45935	
26	E250 Econoline 2WD																		VFM4.218G1EK
27	F150 Pickup 2WD, 4WD																		VFM4.628G1EK
	F150 Pickup 2WD																		VFM4.6H8G1EK
	F150 Pickup 2WD, 4WD	VFM5.4H8G1EK																	
	E-150, E-250, E-350	VFM5.418G1EK																	

Miller Catalyzer Corporation, Catalytic Converter Series 61000/45000, For Ford/Mazda LDT2 and MDV																																														
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit																																		
28	1998	Ranger Pickup 4WD, Mazda B-Series	3.0L	WFMXT03.0HAA	TLEV	LDT2	D/Y	3	2TWC/ TWC	3	N/A	TBD																																		
29		Explorer 2WD, 4WD	4.0L	WFMXT04.02DC				2	TWC(2)	2	N/A	45926																																		
30		Ranger Pickup 4WD		WFMXT04.0DAA	4	2TWC/ TWC(2)	4	N/A	TBD																																					
31		Mazda B4000 4WD		WFMXT04.0EAA						D	2TWC(2)	4	61212/ 45212	45534 /45535																																
32		Ranger Pickup 4WD, Mazda B-Series	4.2L	WFMXA04.2AAA	Tier 1	MDV2	LDT2	TBD																																						
33		E150 Econoline 2WD	4.6L	WFMXT04.6AAA					TLEV	MDV3	LEV	45541 /45542																																		
34		F150 Pickup 2WD, 4WD	5.0L	WFMXT05.02DC	LEV	LDT2	45174																																							
35		Explorer 2WD, 4WD	5.4L	WFMXA05.4HBC				LEV	LDT2	TBD																																				
36		F150 Pickup 2WD, 4WD		WFMXA05.4JGC	LEV	LDT2	4552 /4553																																							
37		Expedition 2WD/4WD	3.0L	XFMXT03.02GC				TLEV	MDV3	D	2	2TWC	4	N/A	45925																															
38	Navigator 2WD/4WD	4.0L	XFMXT04.02DN	LEV	MDV3	D	2									2TWC	4	45212	45174																											
	Windstar FWD VAN		XFMXT04.02GC					LEV	MDV3	D	2	2TWC	4	45212	45174																															
	Mazda B3000 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	Mazda B3000 4WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	Ford Ranger Pickup 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	Ford Ranger Pickup 4WD																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	Mazda B3000 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	Mazda B3000 4WD																																													
	Ford Ranger Pickup 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	Ford Ranger Pickup 4WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	Ford Explorer 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	Ford Explorer 4WD																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	Mercury Mountaineer 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	Mercury Mountaineer 4WD																																													
	E-150 Econoline 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
41	E-150 Club Wagon							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	E-150 Econoline 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	E-250 CabChassis 2WD																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	E-250 Econoline 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	E-250 Strip Chassis 2WD																																													
	F-150 Pickup 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	F-150 Pickup 4WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
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	F-150 Pickup 4WD																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	Ford Explorer 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	Ford Explorer 4WD																																													
	Mercury Mountaineer 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	Mercury Mountaineer 4WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	E-150 Econoline 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	E-150 Club Wagon																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	E-150 Econoline 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	E-250 CabChassis 2WD																																													
	E-250 Econoline 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	E-250 Strip Chassis 2WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	F-150 Pickup 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	F-150 Pickup 4WD																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	F-150 Pickup 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	F-150 Pickup 4WD																																													
	Ford Explorer 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	Ford Explorer 4WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	Mercury Mountaineer 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	Mercury Mountaineer 4WD																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	E-150 Econoline 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	E-150 Club Wagon																																													
	E-150 Econoline 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	E-250 CabChassis 2WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	E-250 Econoline 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	E-250 Strip Chassis 2WD																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	F-150 Pickup 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
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	F-150 Pickup 4WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	Ford Explorer 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	Ford Explorer 4WD																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	Mercury Mountaineer 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	Mercury Mountaineer 4WD																																													
	E-150 Econoline 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	E-150 Club Wagon							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	E-150 Econoline 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	E-250 CabChassis 2WD																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	E-250 Econoline 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	E-250 Strip Chassis 2WD																																													
	F-150 Pickup 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	F-150 Pickup 4WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	F-150 Pickup 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	F-150 Pickup 4WD																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	Ford Explorer 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	Ford Explorer 4WD																																													
	Mercury Mountaineer 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	Mercury Mountaineer 4WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	E-150 Econoline 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	E-150 Club Wagon																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	E-150 Econoline 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	E-250 CabChassis 2WD																																													
	E-250 Econoline 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	E-250 Strip Chassis 2WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	F-150 Pickup 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	F-150 Pickup 4WD																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	F-150 Pickup 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	F-150 Pickup 4WD																																													
	Ford Explorer 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	Ford Explorer 4WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	Mercury Mountaineer 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	Mercury Mountaineer 4WD																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	E-150 Econoline 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	E-150 Club Wagon																																													
	E-150 Econoline 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	E-250 CabChassis 2WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	E-250 Econoline 2WD																				XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925																	
	E-250 Strip Chassis 2WD																													XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A	45925								
	F-150 Pickup 2WD	XFMXT04.02GC																																					LEV	MDV3	D	2	2TWC	4	N/A	45925
	F-150 Pickup 4WD																																													
	F-150 Pickup 2WD		XFMXT04.02GC	LEV	MDV3	D	2									2TWC	4	N/A	45925																											
	F-150 Pickup 4WD							XFMXT04.02GC	LEV	MDV3	D	2	2TWC	4	N/A					45925																										
	Ford Explorer 2WD																				XFMXT04.02GC	LEV	MDV3	D																						

Additional Vehicles 1

Miller Catalyst Corporation, Catalytic Converter Series 61000/45000, For Ford/Mazda LDT2 and MDV														
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit		
46	1996	E-150 5.8L MFI	5.8L	TFM5.8J8G1EK	Tier 1	MDV3	S	2	TWC(2)	2	45212D/ 45212			
47		AEROSTAR 3.0L MFI											3.0L	VFM3.028G1GK
48		EXPLORER 4.0L OHV											4.0L	VFM4.028G1FK
49		AEROSTAR 4.0L MFI												VFM4.028G1GK
50	EXPLORER 4.0L MFI	MOUNTAINEER 4.0L MFI	4.0L	VFM4.028G2FK	TLEV	LDT2	D	4	2TWC(2)	4	61212/ 45212			
51	E-150 4.6L MFI												4.6L	VFM4.6J8G1EK
52	E-150 O/6000 4.6L MFI												5.0L	VFM5.028GFKEK
53	EXPEDITION 4.6L MFI													VFM5.4J8G1FK
54	F-260 HEAVY DUTY 4.6L MFI	5.4L	VFM5.8J8G1EK	Tier 1	MDV3	S	2	TWC(2)	2	45212D/ 45212				
55	F-250 LIGHT DUTY 4.6L MFI	5.8L	VFM5.8J8G1EK											
56	EXPLORER 5.0L MFI	4.2L	WFMXA04.2ABA											
57	MOUNTAINEER 5.0L MFI	4.6L	WFMXA04.6AAA											
58	EXPEDITION 5.4L MFI	F-250 LIGHT DUTY 5.4L MFI	5.4L	WFMXA04.6BAA	Tier 1	MDV3	D	4	2TWC(2)	4	61212/ 45212			
59	F-250												4.2L	WFMXA04.6AAA
60	RANGER 3.0L MFI												3.0L	WFMXT03.0HAA
61	WINDSTAR 3.0L MFI												3.8L	WFMXT03.0AAA
62	WINDSTAR 3.0L MFI	WINDSTAR 3.8L MFI	3.8L	WFMXT03.0CAA	LEV	LDT2	D	2	2TWC	2	45212			
63	WINDSTAR 3.8L MFI												WFMXT03.8AAA	
64	WINDSTAR 3.8L MFI												WFMXT03.8AAB	
65	EXPLORER 4.0L MFI												4.0L	WFMXT04.0CAA
66	EXPLOER 4.0L SOHC, MOUNTAINEER	E-150 4.2L MFI	4.2L	WFMXT04.0FAA	TLEV	MDV3	D	2	2TWC	2	45212			
67	F-150												WFMXT04.2AAA	
				WFMXA04.2ABA	Tier 1			4	2TWC(2)	4	61212/ 45212			

Miller Catalyst Corporation, Catalytic Converter Series 61000/45000, For Ford/Mazda LDT2 and MDV													
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit	
68	1999	E-150 4.6L MFI	4.6L	XFMXA04.6JBC	Tier 1	MDV3	D	4	2TWC(2)	4	61212/ 45212	TBD	
69		F-250 LIGHT DUTY 4.6L MFI		XFMXA04.6JGC	LEV						MDV2	61212/ 45212	45510/ 45511
70		F-250 SUPER DUTY 4.6L MFI		XFMXA05.4HGC									
71		F-150 5.4L		XFMXA05.4JGC	MDV3								
72		F-150 5.4L	XFMXA05.4JGN										
73		F-250 LIGHT DUTY 5.4L	XFMXA05.4JGC	LEV		LDT2		3	2TWC/ TWC	2	61212/ 45212	61212/ 45212B	
74		F-250 SUPER DUTY 5.4L	XFMXA05.4JGC										
75		EXPEDITION 5.4L 2V	XFMXA05.4JGN										
76		NAVIGATOR 5.4L 2V	XFMXA05.4JGN										
77		NAVIGATOR 5.4L 4V	XFMXA05.4JGN	TLEV	LDT2	3	2TWC/ TWC	2	61212/ 45212	45212	TBD		
78	RANGER 3.0L FFV, MAZDA	XFMXA05.4JGN											
79	F-150 4.6L MFI	XFMXA05.4JGN											
80	F-150 5.4L	XFMXA05.4JGC											
81	2000	RANGER 3.0L FFV	3.0L	YFMXA04.6HGC	LEV	MDV2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
82		WINDSTAR 3.0L MFI		YFMXA05.4HGC									
83		VILLAGER 3.3L MFI	3.3L	YFMXA05.4HGC	TLEV	LDT2	D	3	2TWC/ TWC	2	61212/ 45212	45212	
84		FORD POSTAL VEHICLE		YFMXA05.4HGC									
85		FORD POSTAL VEHICLE	4.0L	YFMXA05.4HGC	LEV	LDT2	D	2	TWC(2)	2	61212/ 45212	45212	
86		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
87		EXPLODER 4.0L OHV, RANGER, MAZDA	4.0L	YFMXA05.4HGC	TLEV	LDT2	D	2	TWC(2)	2	61212/ 45212	45212	TBD
88		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
89		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
90		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
91	2000	EXPLODER 4.0L OHV, RANGER, MAZDA	4.0L	YFMXA05.4HGC	LEV	LDT2	D	2	TWC(2)	2	61212/ 45212	45212	
92		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
93		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
94		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
95		EXPLODER 4.0L OHV, RANGER, MAZDA	4.2L	YFMXA05.4HGC	LEV	MDV2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
96		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
97		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
98		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
99		EXPLODER 4.0L OHV, RANGER, MAZDA	4.6L	YFMXA05.4HGC	LEV	MDV3	D	4	2TWC(2)	4	61212/ 45212B	TBD	
100		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
101	EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC											
102	EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC											
103	2000	EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
104		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
105		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
106		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
107		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
108		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
109		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
110		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
111		2000	EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
112			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
113	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
114	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
115	EXPLODER 4.0L OHV, RANGER, MAZDA		5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
116	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
117	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
118	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
119	2000		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
120			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
121		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
122		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
123		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
124		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
125		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
126		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
127		2000	EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
128			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
129	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
130	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
131	EXPLODER 4.0L OHV, RANGER, MAZDA		5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
132	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
133	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
134	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
135	2000		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
136			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
137		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
138		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
139		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
140		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
141		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
142		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
143		2000	EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
144			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
145	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
146	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
147	EXPLODER 4.0L OHV, RANGER, MAZDA		5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
148	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
149	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
150	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
151	2000		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
152			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
153		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
154		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
155		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
156		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
157		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
158		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
159		2000	EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
160			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
161	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
162	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
163	EXPLODER 4.0L OHV, RANGER, MAZDA		5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
164	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
165	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
166	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
167	2000		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
168			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
169		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
170		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
171		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
172		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
173		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
174		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
175		2000	EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
176			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
177	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
178	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
179	EXPLODER 4.0L OHV, RANGER, MAZDA		5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
180	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
181	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
182	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
183	2000		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
184			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
185		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
186		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
187		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
188		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
189		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
190		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
191		2000	EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
192			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
193	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
194	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
195	EXPLODER 4.0L OHV, RANGER, MAZDA		5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
196	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
197	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
198	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
199	2000		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
200			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
201		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
202		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
203		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
204		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
205		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
206		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
207		2000	EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
208			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
209	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
210	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
211	EXPLODER 4.0L OHV, RANGER, MAZDA		5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
212	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
213	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
214	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.4HGC									
215	2000		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
216			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
217		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
218		EXPLODER 4.0L OHV, RANGER, MAZDA	YFMXA05.4HGC										
219		EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
220		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
221		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
222		EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC									
223		2000	EXPLODER 4.0L OHV, RANGER, MAZDA	5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD
224			EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC								
225	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
226	EXPLODER 4.0L OHV, RANGER, MAZDA		YFMXA05.4HGC										
227	EXPLODER 4.0L OHV, RANGER, MAZDA		5.0L	YFMXA05.4HGC	LEV	LDT2	D	4	2TWC(2)	4	61212/ 45212B	TBD	
228	EXPLODER 4.0L OHV, RANGER, MAZDA			YFMXA05.									

Miller Catalyst Corporation, Catalytic Converter Series 61000/45000, For Ford/Mazda LDT2 and MDV															
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit			
89	2000	NAVIGATOR 5.4L 4V, EXPEDITION F-150 5.4L E-150, E-250, E-350	5.4L	YFMXT05.4RF7	LEV	MDV3	D	4	2TWC(2)	4	61212/ 45212	TBD			
90	2001	RANGER 3.0L MFI, MAZDA B3000 2WD AUTO	3.0L	IFMXT03.02F4		LDT2	D/Y	3	2TWC/ TWC	2	N/A				
91		RANGER 3.0L MFI, MAZDA B3000 4WD		IFMXT03.02F5				5	2TWC/ TWC/ TWC(2)	4					
92		RANGER 3.0L FFV, MAZDA B3000 2WD		IFMXT03.02F6				4	2TWC/ TWC(2)						
93		EXPLORER SPORT 4.0L SOHC EXPLORER SPORT TRAC 4.0L SOHC US POSTAL VEHICLE RANGER 4.0L OHV	4.0L	IFMXT04.02F4				5	2TWC/ TWC/ TWC(2)				4	61212/ 45212B	
94		EXPLORER 4.0L SOHC MOUNTAINEER 4.0L SOHC EXPLORER SPORT TRAC 4.0L SOHC EXPLORER SPORT 4.0L SOHC EXPLORER SPORT TRAC 4.0L SOHC		IFMXT04.02F5				4	2TWC/ TWC(2)						
95		US POSTAL VEHICLE		IFMXT04.02F6											
96		RANGER 4.0L, MAZDA B4000 2WD	4.0L	IFMXT04.02F7					D	4	2TWC(2)		2	61212/ 45212B	
97		F-150 4.2L MFI 2WD/4WD	4.2L	IFMXT04.22F5											
98		E-150 4.2L MFI	4.2L	IFMXT04.2HG5											
99		E-150 4.2L MFI		IFMXT04.2JG5											
100		E-250 4.2L MFI		IFMXT04.66F5		MDV3									
101		EXPEDITION 4.6L MFI	4.6L	IFMXT04.66F7		MDV2		3		2TWC/ TWC	2		61212/ 45212B		
102		EXPEDITION 4.6L MFI		IFMXT04.6JF5											
103		E-150 4.6L CLUBWAGON, ECONOLINE		IFMXT04.6PF5											
104		F-150 4.6L MFI		IFMXT04.6PF6											
105		F-150 5.4L MFI	5.4L	IFMXT05.4PF4	5.4L	MDV3	D/Y	3	2TWC/ TWC	2	61212/ 45212B				
106		F-150 4.6L MFI	4.6L	IFMXT05.4PF5											
107		EXPEDITION, NAVIGATOR E-150 5.4L MFI, F-150 E-250 5.4L MFI E-350 5.4L MFI	5.4L	IFMXT05.4RF7											

Miller Catalystzer Corporation, Catalytic Converter Series 61000/45000, For Ford/Mazda LDT2 and MDV												
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
125	2002	E-150	4.6L	2FMXT05.4RF9	LEV	MDV3	D	4	2TWC(2)	4	61212/ 45212	TBD
126		E-150, E-250, E-350	5.4L	3FMXT03.02F5		LDT2	D/Y	5	2TWC/ TWC/ TWC(2)	4	N/A	
127		Ranger, Mazda B3000	3.0L	3FMXT03.02F6		LDT2		4	2TWC/ TWC(2)	4		
128		Explorer Sport	4.0L	3FMXT04.02F3		D/Y		4	2TWC/ TWC(2)	4		
129		Explorer Sport Trac		3FMXT04.02F7			3	2TWC/ TWC	3			
130	2003	Explorer, Mountaineer 2WD/4WD	4.0L	3FMXT04.02FA	LEV	LDT2	D/Y	4	2TWC/ TWC(2)	4	61212/ 45212	TBD
131		Explorer Sport		3FMXT04.02FB				3	2TWC/ TWC	3		
132		Explorer Sport Trac		3FMXT04.02FC				4	2TWC(2)	4		
133		Ranger, B4000		3FMXT04.2HF5								
134		Explorer		3FMXT04.2JF5								
135		Mercury Mountaineer	4.2L	3FMXT04.62F9	LEV	MDV2	D	4	2TWC(2)	4	61212/ 45212	TBD
136	Explorer 2WD/4WD, Mountaineer 2WD/4WD	3FMXT05.42F5		MDV3		3		2TWC/ TWC	3			
137	E-150	3FMXT05.4PFB		MDV2		4		2TWC(2)	4			
138		Lincoln Aviator	4.6L	3FMXT05.4RF8	LEV	MDV3	D/Y	5	2TWC/ TWC/ TWC(2)	4	61212/ 45212	TBD
		F-150 Lightning	5.4L	3FMXT05.42F5		MDV2		4	2TWC(2)	4		
		F-150			3FMXT05.4PFB	MDV3	D/Y	5	2TWC/ TWC/ TWC(2)	4		
		F-150	5.4L	3FMXT05.4RF8	LEV	MDV3	D/Y	5	2TWC/ TWC/ TWC(2)	4	61212/ 45212	TBD
		F-150		3FMXT05.4PFB		MDV2		4	2TWC(2)	4		
		F-150, Blackwood										

Additional Vehicles 3

Miller Catalystzer Corporation, Catalytic Converter Series 61000/45000, For Ford/Mazda LDT2 and MDV												
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
139		Villager	3.0L	SFM3.028G1EA	Tier 1	LDT2	S	2	WUTWC, TWC	2	61000/ 45000	TBD
140		Windstar		SFM3.028G1EK					2TWC		45212	
141	1995	Ranger, B3000		SFM3.028G1FK			TWC(2)		N/A			
142		Windstar FWD	SFM3.828G1EK	2TWC		45212						
143		Ranger, Explorer, B4000	SFM4.028G1EK	TWC(2)		N/A						
144		F150, F250	4.0L	SFM4.988G0JA	MDV2	S	2	TWC+OC	45212D/ 45212			
145		E150, F150, F250	4.9L	SFM4.9H8G1JA								

Miller Catalyst Corporation, Catalytic Converter Series 61000/45000, For Ford/Mazda LDT2 and MDV												
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
146	1995	E150, E250, E350, F250, F350	4.9L	SFM4.9J8G1JA	Tier 1	MDV3	S	2	TWC+OC	2	45212D/ 45212	
147		Bronco, E150, F150, F250	5.0L	SFM5.088G0JA		MDV2			TWC(2)			
148		Bronco, F150, F250, F350, E250, E350	5.8L	SFM5.8H8G1EA		MDV3			WUTWC, TWC			
149		E150, E250, E350, F250, F350	3.0L	SFM5.8J8G1EB		LDT2			TWC(2)			
150	1996	Villager	3.0L	TFM3.028G1HK	Tier 1	MDV3	D	4	2TWC(2)	4	61212/ 45212	
151	1997	Villager	3.0L	VFM3.028G1HK		MDV2			2TWC(2)			
152		F250, F350, E250	5.8L	VFM5.8J8G1EK		MDV3			2TWC(2)			
153	1998	E150	4.2L	WFMXA04.2AAA		Tier 1			MDV2			
154		Navigator	5.4L	WFMXA05.4JBC	MDV3		WUTWC, TWC					
155		Villager	3.0L	WFMXT03.014A	LDT2		2TWC(2)					
156		Villager	3.3L	XFMXT03.325C	MDV2		2TWC(2)					
157	2000	F150	5.4L	YFMXA05.4HGC	TLEV	MDV2	D/Y	4	2TWC(2)	4	N/A	TBD
158		Ranger, B4000	4.0L	YFMXT04.02DN		LDT2			2TWC(2)			
159		F150	5.4L	YFMXT05.4PF5		MDV2			2TWC(2)			
160		Villager	3.3L	IFMXT03.3C5C		LDT2			2TWC(2)			
161	2001	Villager	5.0L	IFMXT03.3C9A	LEV	MDV2	S	2	TWC(2)	2	61212/ 45212	
162		Explorer, Mountaineer	5.4L	IFMXT05.02F5		LDT2			2TWC(2)			
163		F150 Lightning	5.4L	IFMXT05.42F5		MDV3			2TWC(2)			
164		F150	4.6L	2FMXT05.4RF6		LDT2			2TWC(2)			
165	2002	F150	5.4L	2FMXT05.4RF6	LEV	MDV2	D	4	2TWC(2)	4	61212/ 45212	
166	Escape	3.0L	3FMXT03.02F8	LDT2		2TWC(2)						
167	Explorer, Mountaineer	4.0L	3FMXT04.02F8	MDV2		2TWC(2)						
168	Explorer, Mountaineer	4.6L	3FMXT04.62F6	LDT2		2TWC(2)						
169	2003	Explorer, Mountaineer	4.6L	3FMXT04.62F7	LEV	MDV2	D/Y	3	2TWC/ TWC	3	N/A	
170		Explorer, Mountaineer	4.6L	3FMXT04.62F7		LDT2			2TWC(2)			
171	2004	F150	5.4L	4FMXT04.6PNB	LEV	MDV2	D	4	2TWC(2)	4	61212/ 45212	
172	F150 Lightning	5.4L	4FMXT05.4PP7	LDT2		2TWC(2)						

Miller Catalyzer Corporation, Catalytic Converter Series 61000/45000, For Ford/Mazda LDT2 and MDV												
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit
108	2001	NAVIGATOR 5.4L 4V DOHC										
		F-150 5.4L	5.4L	1FMXT05.4RF8	LEV	MDV3	D	4	2TWC(2)	4	61212/ 45212B	TBD
		F-150 5.4L MFI										
		EXPEDITION 5.4L MFI 2V										

Additional Vehicles 2

Miller Catalyzer Corporation, Catalytic Converter Series 61000/45000, For Ford/Mazda LDT2 and MDV														
No.	Model Year	Vehicle Model	Engine Size	Engine Family	Certification Level	Weight Class	Exhaust Type	Total Converters	Converter Type	Monitored	Universal	Direct Fit		
109	2002	Ranger	3.0L	2FMXT03.02F5	LEV	LDT2	D/Y	4	2TWC/ TWC(2)	4	N/A	TBD		
110		Ranger		2FMXT03.02F6				5	2TWC/ TWC/ TWC(2)					
111		Mercury Villager	3.3L	2FMXT03.3C5C			S	2	TWC(2)	2	61212/ 45212			
112		Explorer Sport, Sport Trac	4.0L	2FMXT04.02F3			D/Y	4	2TWC/ TWC(2)	4	N/A			
113		Ranger, B4000		2FMXT04.02F5										
114		Explorer Sport, Sport Trac	4.0L	2FMXT04.02F7			D/Y	3	2TWC/ TWC	2	N/A			
115		Explorer		2FMXT04.02F8										
		Mountaineer												
116		E-150	4.2L	2FMXT04.2HF5			D	MDV2	4	2TWC(2)	4		61212/ 45212	
117		E-150		2FMXT04.2JF5										
		E-250												
118		Explorer	4.6L	2FMXT04.62F5			D/Y	3	LDT2	2	61212/ 45212			
119		Mountaineer		2FMXT04.62F6										
		Explorer												
		Mountaineer												
120		Expedition	5.4L	2FMXT04.66F7			D	4	MDV3	2	61212/ 45212			
121		F-150 Lightning		2FMXT05.42F5										
122		F-150		2FMXT05.4PF5										
		F-150												
123		F-150	4.6L	2FMXT05.4PF6			D	4	MDV2	4	61212/ 45212			
	F-150	5.4L												
	Expedition													
	F-150	4.6L												
	F-150													
	F-150 Supercharged	5.4L	2FMXT05.4RF8											
124	Lincoln Blackwood, Navigator													