## State of California AIR RESOURCES BOARD

# EXECUTIVE ORDER D-193-49 Relating to Exemptions under Section 27156 of the Vehicle Code

Car Sound Exhaust System, Inc. (d.b.a. MagnaFlow) "Series 46000 OBD II Three-way Catalytic Converter"

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

WHEREAS, Car Sound Exhaust System, Inc. (Car Sound) of 22961 Arroyo Vista, Rancho Santa Margarita, California 92688, has applied to the Air Resources Board for exemption from the prohibitions in Vehicle Code Section 27156 to market its new aftermarket Series 46000 three-way catalytic converter (TWC) for installation on selected 1996 through 2003 model year GM passenger cars and light-duty trucks equipped with on-board diagnostic II (OBD-II) systems as specified in Appendix D-193-49 and incorporated herein. The Series 46000 TWC will be used for single (one unit) exhaust system applications for selected GM passenger cars and light-duty trucks.

The TWC may also be installed on non-OBD II vehicles (1995 and older) similar in engine and exhaust configuration to those listed in Appendix D-193-49.

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, Air Resources Board finds that the above aftermarket catalytic converter complies with the California Vehicle Code Section 27156 and Title 13, California Code of Regulations, Section 2222(h). The emissions performance of the catalytic converter was based on durability bench-aging by Delphi Energy and Chassis Systems using Air Resources Board-modified RAT-A bench-aging cycle for 75 hours, as specified in the "Optional Evaluation Procedures for New Aftermarket Non-original Equipment Catalytic Converters Equipped with On-Board Diagnostic II (OBD II) Systems."

WHEREAS, emissions tests conducted at the Automotive Testing Development Services, Inc. (ATDS), Ontario, California, using a 1999 3.8L Pontiac Grand Prix equipped with a single (one unit) exhaust system, and certified to the Low Emission Vehicle (LEV, PC) emission standards showed that the vehicle met the applicable emission standards with Series 46000 TWC (one unit) installed.

OBD II compatibility tests performed on the same test vehicle showed that Series 46000 TWC did not affect the vehicle's ability to perform OBD II system monitoring. Emission test results in grams per mile are shown below.

	ATDS,	Ontario, Califor	nia	
	3.8L	Grand Prix Tes	t	
	NMOG	CO	NOx	Remarks
100K Standard	0.090	4.2	0.3	
Test 1	0.085	1.3	0.2	Pass
Test 2	0.084	1.4	0.2	Pass

IT IS HEREBY RESOLVED that the above catalytic converter is exempt from the prohibitions in Vehicle Code Section 27156 for installation on the approved vehicle applications specified in Appendix D-193-49 subject to the following conditions:

- 1. No changes are permitted to the catalytic converter as described in the application for exemption. Any changes to the catalytic converter or any of its components, and other factors addressed in this order must be evaluated and approved by the Air Resources Board prior to marketing in California.
- 2. Marketing of the catalytic converter using identifications other than those shown in the exemption application, and in this Executive Order, or marketing of the catalytic converter for 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 converter 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 converter and is only a finding that the catalytic converter is exempt from the prohibitions of Vehicle Code Section 27156.
- 4. Car Sound Exhaust System, Inc.'s installation instructions for the new catalytic converter must conform to requirements in Paragraphs I and X of the "Optional Evaluation Procedures for New Aftermarket Non-original Equipment Catalytic Converters Equipped with On-Board Diagnostic II (OBD II) Systems."
- 5. Upon installation, the catalytic converter must carry a manufacturer's warranty for 50,000 miles on the substrates and 50,000 miles or five years on the shell and end pipes.
- 6. Car Sound Exhaust System, Inc. and its vendors may not advertise the new aftermarket catalytic converter as a "high or easy flow" catalytic converter or use any phrase that could make it appear to perform better than an OEM catalytic converter.

- 7. Car Sound, its associates, vendors, other businesses, and individuals may not sell or supply the substrates of the new aftermarket catalytic converter to a third party to be assembled in a different facility and marketed under this Executive Order.
- 8. Any marketing arrangement of the new aftermarket catalytic converter by a third party, which involves the use of packaging identification different from the ones described in this Executive Order, must be approved by ARB prior to shipment.
- 9. Car Sound must submit the required quality audit and production quantity reports for its aftermarket catalytic converter on a semi-annual basis, covering the periods January 1 through June 30, and July 1 through December 31.

Executive Orders D-193-41 dated January 3, 2007, and D-193-47 dated June 13, 2007 are 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 ten 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 ten 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 \_\_\_\_\_ day of July 2007.

Armette Hebert, Chief

Mobile Source Operations Division

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No	Model Year	Make	Vehicle Model	Eng. Size	Engine Family	Cert Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converters	Universal	Direct Fit
	1041	<u> </u>	LeSabre, Park Avenue		1				•				46464
		Buick	Regal	]								_	46531
			Riviera	] .								<u> </u>	46404
1		Chevrolet	Camaro		TGM3.8V8GKEK					[		'  -	46466
,		Oldsmobile	98,Delta 88, LSS	3.8L	ramo.svoarcer							46006	46464
		Pontiac	Bonneville SE	] ]								<u> </u>	40400
			Firebird	4									46466 46464
		Buick	Park Avenue Ultra	. I								,	46404
2			Riviera	- !	TGM3.8V8GFFK		1						46464
			Bonneville SSE										
	1000	Chevrolet	Lumina,Monte Carlo	-l		Tier 1							
3	1996		Cuttass Supreme	3.4L	TGM3.4VJGFEK	Heri						46004	46522
		Pontiac	Grand Prix	1								<b> </b>	46487
			Century	-l								46004	46498
		Buick	Regal	-}									
			Skylark	-								46004	46406
		Chevrolet	Beretta,Corsica Lumina.Monte Carlo	-								46004	46498
4			Achieva	3.1L	TGM3.1V8GFEK								46406
		Oldsmobile		1 1								46004	46487
		Oldoniobilo	Cutlass Supreme	1 1								46004	46498
		_	Grand Am	1 1			PC	s	TWC	1 1	1	46004	46406
		Pontiac	Grand Prix	1								46004	46498
		Chevrolet	Camaro	1 1	•		1					46006	46466
5			Regency, Delta 88		VGM3.8V8GKEK	•						46006	46437
	ŀ	Pontiac	Firebird	1			<b>!</b>					46006	46466
	- 1		Park Ave. Ultra ,Riviera	1 1		Tine 4						46006	46515
		Buick	Regal GS	1		Tier 1						46006	46405
6			Delta 88, Regency		VGM3.8V8G1FK							46006	46437
,		Pontiac	Bonneville SSE Grand Prix	3.8L									46405
	ŀ		LeSabre	1 1			1 .					46006	46437
	1997	Buick	Park Ave, Riviera	†								46006	46515
		Saion	Regal LS, Century	1								[	46405
7	•	Oldsmobile	Delta 88 Royale		VGM3.8V8G2EK	TLEV						46006	46437
	ŀ		Bonneville SE	†								L L	
		Pontiac	Grand Prix	† l								46006	46405
	ľ	Chevrolet	Lumina, Monte Carlo	1 1			1					46004	46522
8				3.4L	VGM3.4VJG1EK	Tier 1						46005	TBD
	ŀ		Century			,						46005	46469
9		Buick	Skylark	- 3.1L	VGM3.1V8G1EK							46004	46460

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No	Model Year	Make	Vehicle Model	Eng. Size	Engine Family	Cert Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converters	Universal	Direct Fit
			Lumina					•					46519
l	ļ	Chevrolet		1		J		]		]		46005	46539
			Monte Carlo	4									46519
9	9 1997 Oldsmobil Pontiac  Buick Chevrolet 1998 Pontiac Buick Chevrolet Pontiac Oldsmobil Buick Chevrolet Pontiac Oldsmobil Buick Chevrolet Pontiac Buick Chevrolet Pontiac Oldsmobil Buick Chevrolet Pontiac Chevrolet Pontiac Chevrolet Chevrolet Chevrolet Chevrolet Chevrolet Chevrolet Chevrolet Chevrolet Chevrolet		Achieva	3.1L	VGM3.1V8G1EK	Tier 1				\		46004	46460
		Oldsmobile		4								46005	46539
			Cutlass Supreme										46519
]	]	Pontiac	Grand Am	4						1		46004	46460
⊢–	-	<del>                                     </del>	Grand Prix				1		ſ	ĺ	1	46005	46469
İ	ŀ		LeSabre									46006	46437
		Duint	Park Ave. Ultra	-			1						46515
		Buick	Park Ave.	4								40000	
			Regal GS	4								46006	46405
ĺ		<b></b>	Regal LS	1 1			1	1		1		<del> </del>	
10		Chevrolet	Lumina Manta Carla		WCMVVOO BOAR							46004	46521
10			Monte Carlo	3.8L	WGMXV03.8048							40000	40.407
		Oldomobile	Delta 88 Royale	i I								46006	46437
	1008		Regency			TLEV						46006	46405
	1990		Bonneville SE	ł 1		ILEV				l J		46006	46437
			Bonneville SSE			1						46006	40437
			Grand Prix									46006	46405
-			Century	<del></del>	-							40000	46469
				1									
		Chevrolet	Lumina, Monte Carlo,Malibu	1		·	PC	s	TWC	1 1	1		46519
11		Pontiac	Grand Prix	3.1L	WGMXV03.1044		'	۱ ۲	1110		<i>'</i>	46005	46469
		Oldsmobile											46520
$\dashv$		<del></del>	Park Ave					ĺ				46006	46515
'			Regal								1	46006	46405
- 1			Riviera	' i	ł			ł			ł	40000	46515
12					XGMXV03.8053	LEV							40313
~					XGIVIX V03.0033	LLV						46006	46437
			Bonneville SSE									_	10105
			Grand Prix	ļ ,							-	<del></del>	46405
13					XGMXV03.8051			[		1		46006	46466
$\dashv$		ronuac	Firebird	F							}	46006	46437
l	1999	Buick	LeSabre	3.8L							}	40006	46437 46515
		l	Park Ave.									46006	46405
			Regal								}		
ĺ	ſ	Chevrolet	Lumina Monte Carlo	' I		TLEV		ľ		i		46006	46521
14			Delta 88 Royale		XGMXV03.8048	ILEV					}	46006	46437
' <b>"</b>		Oldsmobile	Intrigue		AGIVIA VU3.8048						-	46006	46405
		Cidamobile	LSS								ŀ		
	-		Bonneville SE		Ì							46006	46437
- 1	ł		Grand Prix				1				}	_	
	ŀ	Tontac	Grand Prix		ļ		ļ					46006	46405
			GIANU FIIX										

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No	Model	Make	Vehicle Model	Eng. Size	Engine Family	Cert	Weight	Exhaust	Converter	Total	Monitored	Universal	Direct Fit
-	Year	<u> </u>	1			Level	Class	Туре	Туре	Converter	Converters		40510
1		Chevrolet	Lumina Monte Carlo	4								46005	46519 46519
		-		{		ĺ	ĺ			i			
l		Oldsmobile	Alero			_						46004	46435
15		Buick	Century	3.4L	XGMXV03.4042	TLEV						46005	46469
Į,	1999		Grand Am SE	]		J						46004	46435
		Pontiac	Grand Am GT										
$\vdash$		-	Grand Prix		h	_							46469
16		Chevrolet	Malibu,	3.1L	XGMXV03.1043	LEV						46005	46520
۱ '۱		Oldsmobile	Cutlass	3.16	AGIVIA VUS. 1043	LEV	1			,			40320
		D	Park Ave.	-			1	_ [				46006	46204
17		Buick	Regal	1	YGMXV03.8045		PC	S	TWC	1	1	46006	46405
''		Pontiac	Bonneville SSE		1 GIVIA VU3.6045							46006	46204
$\vdash \vdash$			Grand Prix	ĺ I								46006	46405
		Buick	LeSabre Park Ave.				•					46006	46204
	2000		Regal	3.8L		LEV							
			impala	0.02				j				46006	46405
18		Chevrolet	Monte Carlo	}	YGMXV03.8043								[
			Bonneville SE	]								46006	46204
		Pontiac	Firebird									10000	46466
1 1	-		Grand Prix Camaro	}				1				46006	46405 46466
	tional Ve	ehicles 1	Camaro				L						40400
	CIOIIAI VE	1110103 1	SL1 SEDAN, SW1 WAGON.										[ <del>-                                   </del>
19			SC1 COUPE	1.9 L	TGM1.9V8G2EK	TLEV						46004	46535
20	ſ		SL2 SEDAN, SW2 WAGON,	1.9 L	TGM1.9VJGFEK		PC			' i		46005	46450
لٽــا			SC2 COUPE	1.5 L	I GIVIT.9VJGFER								40430
ا ہے ا			HOMBRE P/U 2WD, \$10		-0140 0400-514	TIER1	,,					40005	40400
21	- 1		PICKUP 2WD, SONOMA 2WD		TGM2.218GFEK		LDT1			l l	J	46005	46462
$\vdash$			CORSICA, BERETTA,			_	L				ŀ		46207, 46207, 46499,
22			CAVALIER, SUNFIRE	2.2 L	TGM2.2V8G2EK	TLEV						46004	46499
П			CORSICA, BERETTA,								ļ		46207, 46207, 46207,
23	1996	I 15M I	CENTURY WAGON,	1	TGM2.2V8GKEK			s	TWC	1	1	46004	46207, 46207, 46499,
			CENTURY, CIERA SL,		TOTAL POUNCER			Ŭ		,			46499
$\vdash\vdash\vdash$			CAVALIER, SUNFIRE					Ì			ļ		
24			CAVALIER, SUNFIRE, GRAND AM, ACHIEVA,		TGM2.4VJG2EK		PC					46004	46465
	ĺ		SKYLARK		I GIVIZ.4 VUUZEN	TIER1	'	1	ľ		ľ	70004	70700
Н		CAVALIER, SUNFIRE,	2.4 L	-						ļ			
25		GRAND AM, ACHIEVA,		TGM2.4VJGKEK							46004	46465	
Ш	J	· [	SKYLARK								Ĺ		
_			Aurora	4.0 L				ſ	ſ		[	46006	46210
26			4.6L Seville, Eldorado,	4.6 L	TGM4.6VJGFEL							46009	46451
			Deville				L						

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No	Model Year	Make	Vehicle Model	Eng. Size	Engine Family	Cert Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converters	Universal	Direct Fit
27			SL1 SEDAN, SW1 WAGON, SC1 COUPE	1.9 L	VGM1.9V8G2EK	TLEV	PC				•	46004	46535
28			S10P/U , SONOMA, HOMBRE, 2wd, 3625 lbs	2.2 L	VGM2.218G1EK	TIER1	LDT1					46005	46462
29			CAVALIER, SUNFIRE	2.2	VGM2.2V8G1EK			_	=,,,	_	_	46004	46499
30	1997	GM	CAVALIER, SUNFIRE		VGM2.2V8G2EK	TLEV		S	TWC	1	1 -	46004	46499
31			CAVALIER, SUNFIRE, ACHIEVA	2.4 L	VGM2.4VJG1EK		PC					46004	46465
			AURORA	4.0 L	VOM4 0V (045)	TIER1						46006	46210
32			SEVILLE, ELDORADO, DEVILLE	4.6 L	VGM4.6VJG1EK							46009	46451
33			SL SEDAN,SW WAGON,SC	1.9 L	WGMXV01.9002	TLEV	PC					46004	46222/46223
34			CAVALIER, SUNFIRE		WGMXV02.2022	TIER1	٦					46004	46499
35			CAVALIER, SUNFIRE		WGMXV02.2023	TLEV			'			46004	46499
36			S10 PICKUP, GMC SONOMA, ISUZU HOMBRE PICKUP 2WD	2.2 L	WGMXT02.2122	TIER1	LDT1					46005	46462
37	·	S S P C A	S10 PICKUP, GMC SONOMA, ISUZU HOMBRE PICKUP 2WD		WGMXT02.2124	TLEV						46005	46462
38			CAVALIER,SUNFIRE, ACHIEVA,GRAND AM		WGMXV02.4025	TIER1						46004	46465
39			GRAND AM,ACHIEVA, SKYLARK,CAVALIER,SUNF IRE,CUTLASS, MALIBU	2.4 L	WGMXV02.4026	TLEV				1	1	46004	46465
40			MALIBU, CUTLASS	,	WGMXV02.4026							46004	46465
41	1998	GM	PONTIAC GRAND AM, OLDSMOBILE,ACHIEVA, BUICK SKYLARK		WGMXV03.1042			s	тwс			46004	46460
			CHEVROLET LUMINA, MONTE CARLO, MALIBU	3.1 L								46004	46519
42		16	PONTIAC GRAND PRIX, BUICK CENTURY, CUTLASS		WGMXV03.1043		PC					46004	46519
43			CAMARO, FIREBIRD		WGMXV03.8049							46006	46466
		C   B   P   G   P   B	BUICK RIVERA, BUICK PARK AVENUE, REGAL, GRAND PRIX	261		TIER1						46006	46515, 46515, 46405, 46405
44			PONTIAC BONNEVILLE,OLDSMOBIL E EIGHT-EIGHT/REGENCY	3.8 L	WGMXV03.8051		, 					46006	46437
$\vdash \vdash$			AURORA	4.0 L								46006	46210
45		S	SEVILLE ELDORADO,DEVILLE	4.6L	WGMXV04.6066							46009	46451

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No	Model Year	Make	Vehicle Model	Eng. Size	Engine Family	Cert Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converters	Universal	Direct Fit
46			SL SEDAN, SW WAGON, SC COUPE	1.9 L	XGMXV01.9002		PC					46004	46224/46225
47			S10 PICKUP 2WD, SONOMA 2WD, HOMBRE PU 2WD	2.2 L	XGMXT02.2122	TLEV	LDT1					46005	46462
48			CAVALIER, SUNFIRE		XGMXV02.2022							46004	46473
49	<b>!</b>		CAVALIER, SUNFIRE		XGMXV02.2023	LEV							46473
50			ALERO, CUTLASS, GRAND AM.		XGMXV02.4025	TLEV						46004	46201
51			CAVALIER,SUNFIRE,MALI BU,CUTLASS,GRAND AM,ALERO	2.4 L	XGMXV02.4027	LEV						46004	46201, 46201, 46465, 46201, 46201
52			OLDSMOBILE INTRIGUE	3.5 L	XGMXV03.5064	TLEV						46004	46213
		BUICK PARK AVENUE, CHEVROLET CAMARO, PONTIAC FIREBIRD									46006	46515, 46466, 46466	
	1999	GM	CHEVROLET LUMINA/MONTE CARLO					S	TWC	1	1	46006	46521
53			OLDSMOBILE INTRIGUE, BUICK REGAL, PONTIAC GRAND PRIX	3.8 L	XGMXV03.8049	LEV	PC					46006	46405
			PONTIAC BONNEVILLE, OLDSMOBILE EIGHTY/REGENCY, BUICK LESABRE									46006	46437
54			OLDSMOBILE EIGHTY- EIGHT REGENCY/PONTIAC BONNEVILLE		XGMXV03.8052						•	46006	46437
			AURORA	4.0 L		TIER1						46006	46210
55			ELDORADO,DEVILLE,SEVI LLE, LIMOUSINE HEARSE	4.6 L	XGMXV04.6068							46009	46451, 46451, 46451, 46205, 46205
56			S10 PICKUP 2WD, SONOMA 2WD, HOMBRE PICKUP 2WD		YGMXT02.2122	LEV	LDT1					46005	46462
57		,	SUNFIRE (manual), CAVALIER (manual)	2.2 L	YGMXX02.2023	TLEV						46004	46473
58	2000 GM	SATURN LS, LW, SUNFIRE, CAVALIER, GRAND AM, ALERO, MALIBU		YGMXV02.4022	LEV	PC	s	TWC	1	1	46004	46220, 46220, 46473, 46473, 46201, N/A, N/A	
		SUNFIRE, CAVALIER, GRAND AM, ALERO, MALIBU	2.4 L								46004	46201, 46201, 46201, 46201	
59			AURORA, INTRIGUE	3.5 L	YGMXV03.5064	LEV		J				46004	N/A, 46214
60	[		AURORA	4.0L	YGMXV04.6065	TIER1	ľ	ľ	ĺ	ľ	Ì	46006	TBD



No	Model Year	Make	Vehicle Model	Eng. Size	Engine Family	Cert Level	Weight Class	Exhaust Type	Converter Type	Total Converter	Monitored Converters	Universal	Direct Fit
60			SEVILLE, ELDORADO, DEVILLE	4.6L	YGMXV04.6065	TIER1						46009	TBD
	2000		AURORA	4.0 L			1					46006	TBD
61	2000		SEVILLE, DEVILLE, LIMOUSINE, FUNERAL COACH, HEARSE	4.6L	YGMXV04.6066	LEV	PC					46009	TBD, TBD, 46205, 46205, 46205
62			Saab 9-3, 9-3 Convertible, 9- 5, 9-5 Wagon	2.0L/2.3L	1GMXV02.3001							46005	46216, 46216, 46217, 46217
63			Chevrolet S10 PU 2WD; GMC Sonoma 2WD; Isuzu Hombre PU 2WD	2.2 L	1GMXT02.2122	LEV	LDT1					46005	46226
64			Chevrolet Cavalier; Pontiac Sunfire		1GMXV02.2024	TLEV						46208	
			Saturn L100/200 (manual									46004	46219
65		GM	transmission only) Chevrolet Cavalier, Sunfire, Grand AM, Alero	2.2L/2.4L	1GMXV02.4022			s	TWC	1	1		4620146208
66		GM	Saab 9-5, Saab 9-5 Wagon	3.0 L	1GMXV03.0062			3	1440	'	•	46005	46218
	2001	Chevrolet Malibu, Lumina, Pontiac Grand Prix; Buick Century	3.1 L		<u> </u>			11:			46004	46209, 46519, 46433, 46433	
67		Chevrolet Impala, Monte Carlo, Alero, Grand Am	3.4 L	1GMXV03.8043	LEV	PC					46005	46209, 46209, 46433, 46433	
			Chevrolet Camaro; Pontiac Firebird/Trans Am, Bonneville, Grand Prix, Buick Park Avenue, Regal	3.8 L								46006	46466, 46466, N/A, 46204, 46405, 46204, 46405
68			Oldsmobile Aurora		1GMXV03.5064							46004	46212
69			Oldsmobile Aurora, Intrigue	3.5 L	1GMXV03.5065							46004	46212, 46215
			Oldsmobile Aurora	4.0 L								46006	46211
70			Cadillac Deville, Eldorado, Seville, Hearse, Limousine	4.6 L	1GMXV04.6065		_					46009	46205
$\overline{}$	tional Ve	hicles 2										<del>-</del>	10005
71	ſ		SATURN LW200		2GMXV02.2025	LEV							46235
72			CHEVROLET CAVALIER, PONTIAC SUNFIRE	2.2L	2GMXV02.2024	TLEV							46208
73			SATURN VUE AWD		2GMXT02.2123								46228
74	2002 GM	GM	CHEVROLET CAVALIER, PONTIAC SUNFIRE, GRAND AM, OLDSMOBILE ALERO/CHEVROLET CAVALIER, PONTIAC SUNFIRE	2.2L/2.4L	2GMXV02.4022	LEV	PC	S	тwс	1	1	46004	46208, 46208, 46227, 46227, 46201, 46201

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No	Model	Make	Vehicle Model	Eng. Size	Engine Family	Cert	1 -	Exhaust	Converter	Total	Monitored	Universai	Direct Fit
L	Year					Level	Class	Туре	Туре	Converter	Converters		
75	4		SAAB 9-5, 9-5 WAGON	3.0L	2GMXV03.0063								<u>46218, 46433</u>
			PONTIAC GRAN PRIX, BUICK CENTURY, CHEVROLET MALIBU	3.1								46005	46209
			CHEVROLET IMPALA, MONTECARLO, PONTIAC GRAND AM, OLDSMOBILE ALERO	3.4L								46006, 46004	46433, 46433, 46209, 46209
76	2002	GМ	OLDSMOBILE INTRIGUE, AURORA	3.5L	2GMXV03.8043	LEV	PC	s	TWC	1	1		46215, 46212
	2002	GIVI	CHEVROLET IMPALA POLICE, CAMARO, PONTIAC FIREBIRD, BUICK PARK AVENUE, REGAL, PONTIAC BONNEVILLE, GRAND PRIX	3.8L		LEV		3	iwe		'	46006	46405, 46466, 46466, 46204, 46405, 46204, 46405
77			Chevrolet S10 PU 2WD; GMC Sonoma 2WD; Isuzu Hombre PU 2WD	2.2L	2GMXT02.2122		LDT1					46005	TBD
Add	tional Ve	ehicles 3											
l l			Oldsmobile Aurora	4.0 L						i -	ļ	46006	
78			Cadillac Deville, Eldorado,		2GMXV04.6065		1						
L_			Seville, Hearse	4.6 L						' I		46009	TBD
79			Limousine		2GMXV04.6066								
80			Saab 9-3 Sport Sedan	2.0 L	3GMXV02.0002							46005	
81			Cavalier Alero Grand Am Sunfire	2.2 L	3GMXV02.2025							46004	46208
			Saturn L200										46219
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82			Saturn Ion		3GMXV02.2026								TBD
83	2003		Saab 9-3 Sport Sedan	2.0L/2.3L	3GMXV02.3001							46005	
84			Saab 9-5, 9-5 Wagon	3.0 L	3GMXV03.0063				l		ļ		46218
	ì		Century	,							ļ	46006	46433
85	J		Malibu	3.1 L	3GMXV03.8043		i				ļ	46005	46209
		I G	Grand Prix Regal						ľ			46006	46433 46405
			Deville, Seville, Eldorado, Limousine	4.6 L	3GMXV04.6065			Ì				46009	TBD
86	J		jumousine j		JGIVIAVU4.0U05 I				J	ı	I		ן טפו