

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-254
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1983 model-year General Motors Corporation exhaust emission control systems are certified as described below for diesel-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
D3G5.7D7ZZT7	350 (5.7)	Exhaust Gas Recirculation (Diesel Injection - Prechamber)

Vehicle Models, Transmissions, Engine Codes as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.41	7.0	1.5

The following are the certification emission values for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.26	1.3	1.3

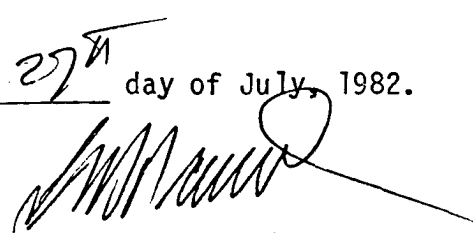
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 27th day of July, 1982.


K. D. Drachand, Chief
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corporation Executive Order No. A-6-254 Page 1
 Engine Family D3G5.7D7ZT7 Evaporative Family NA
 Engine CID (Liters) 350 (5.7)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Exhaust Emissions Control System

AIP-Air Injection-Pump
 AIV-Air Injection-Valve
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst System
 TR-Thermal Reactor
 TWC-Three Way Catalyst System

Headings

AIR COND-Air Conditioning
 BB-Basic Body
 BT-Body Type
 DI-Diesel Injection
 DIN-Diesel Injector Nozzles
 DIV-Division
 ECM-Electronic Control Module
 ETW-Equivalent Test Weight
 TLC-Tune-Up Label Code
 TNS-Transmission
 TM-Trim

Fuel System

CFI, CL, DID, MFI, TBI
 nV-nVenturi Carburetor
 VV-Variable Venturi

Special Features

CCV-Combustion Chamber Valve
 CFI-Central Fuel Injection
 DID-Diesel Injection-Direct
 DIP-Diesel Injection-Prechamber
 MFI-Mechanical Fuel Injection
 TC-Turbocharged
 TBI-Throttle Body Injection

<u>DIV</u>	<u>BB</u>	<u>TM</u>	<u>BT</u>	<u>MODEL NAME</u>	<u>DIV</u>	<u>BB</u>	<u>TM</u>	<u>BT</u>	<u>MODEL NAME</u>
1				CHEVROLET	3				OLDSMOBILE
	B	L	69	Impala Sedan		B	L	69	Delta 88 Sedan
		N	35	Caprice Classic Station Wagon			N	37	Delta 88 Royale Coupe
			69	Caprice Classic Sedan				69	Delta 88 Royale Sedan
	G	W	35	Malibu Classic Station Wagon			P	35	Custom Cruiser Wagon
			80	El Camino			Y	37	Delta 88 Royale Brghm Coupe
		Z	37	Monte Carlo Sport Coupe				69	Delta 88 Royale Brghm Sedan
			88	Caballero		C	W	69	Ninety Eight Regency Brghm Sedan
							X	37	Ninety Eight Regency Coupe
								69	Ninety Eight Regency Sedan
2				PONTIAC					Toronado Brougham Coupe
	G	J	37	Grand Prix		E	Z	57	Cutlass Cruiser Brghm Wgn
		K	37	Grand Prix LJ		G	H	35	Cutlass Supreme Calais Cpe
		N	35	Bonneville Wagon			K	47	Cutlass Supreme Brghm Coupe
			69	Bonneville Sedan			M	47	Cutlass Supreme Brghm Sedan
		P	37	Grand Prix Brougham				69	Cutlass Supreme Brghm Sedan
		R	69	Bonneville Brougham Sedan			R	47	Cutlass Supreme Coupe
	B	L	69	Parisienne Sedan				69	Cutlass Supreme LS Sedan
		T	69	Parisienne Brougham Sedan					
		T	35	Parisienne Brougham Wagon					

DRIVE AXLE: E and K Models - Front Wheel Drive
 Other Models - Rear Wheel Drive

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corporation Executive Order No. A-6-254 Page 2Engine Family D3G5.7D7ZZT7 Evaporative Family NAEngine CID (Liters) 350 (5.7)

<u>DIV</u>	<u>BB</u>	<u>TM</u>	<u>BT</u>	<u>MODEL NAME</u>	<u>DIV</u>	<u>BB</u>	<u>TM</u>	<u>BT</u>	<u>MODEL NAME</u>
4				BUICK					
	B	N	37	LeSabre Custom Coupe					
			69	LeSabre Custom Sedan					
		P	37	LeSabre Limited Coupe					
			69	LeSabre Limited Sedan					
		R	35	LeSabre Estate Wagon					
		V	35	Electra Estate Wagon					
	C	W	37	Electra Park Avenue Coupe					
			69	Electra Park Avenue Sedan					
		X	37	Electra Limited Coupe					
			69	Electra Limited Sedan					
	E	Y	57	Riviera "T-Type" Coupe					
		Z	57	Riviera "Luxury" Coupe					
	G	J	35	Regal Estate Wagon					
			47	Regal Coupe					
			69	Regal Sedan					
		M	47	Regal Limited Coupe					
			69	Regal Limited Sedan					
6				CADILLAC					
	C	B	47	Brougham Coupe					
			69	Brougham Sedan					
		D	47	Coupe de Ville					
			69	Sedan de Ville					
	E	L	57	Eldorado					
	K	S	69	Seville					

DRIVE AXLE: E and K Models - Front Wheel Drive
Other Models - Rear Wheel Drive

0254U/47U

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
DIESEL-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. A-6-254 Page 3

Engine Family D3G5.7D7ZZT7 Exhaust Emission Control System EGR (DIP)

ENG. CID	ENG. CODE	AIR COND	DI PUMP PART NO.	DIN PART NO.	EGR VALVE PART NO.	ETW	DIV	B	T	BT	TNS	TLC	REV. NOTES							
350	1	W/WO	22518686 25517570	22505294 22520378 22521207	17075598	4000	2	G		35	A3	SAX								
							12	G		37										
							34	G		47		(B)								
							1234	G		69										
							1	G		80										
							1	G		88										
							<hr/>							4250	1	34	G	35		(A)
							2	2A			22505294 22520378 22521207	17082755	4250	3	B		37	A3,4		
														1	3	B	69			
														<hr/>						
2	4	B	69																	
34	C		37	A4																
34	C		60																	
3	3A		22519990 25517570	22505294 22520378 22521207		4750	1234	B		35	A3,4		(C)							
							6	C		47	A4									
							6	C		69										
4	4A		22518688 25517570	22505294 22520378 22521207		4250	3	E		57										
							<hr/>							4500	4	E	57		(B)	
							6	E		57										
							6	K		69										

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP lists for correct dyno test HP settings based on model, equipment and frontal area.

ISSUED: REVISIONS: (A) ETW of 1GW35, 3GH35 and 4GJ35 models corrected from 4000 to 4250 ETW on 083182. (B) Engine codes 1A, 2A, 3A and 4A added by RC 33-173 on 010483. C. Pontiac 2B69 and 2B35 A3, 4 models added by RC 33-228 on 032183.