State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-226
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 1982 model-year General Motors Corporation exhaust emission control systems are certified as described below for diesel-powered passenger cars.

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
C3G5.7D7ZZT6	350	(5.7)	Exhaust Gas Recirculation (Diesel Injection - Prechamber)

Vehicle Models, Transmissions, and 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 1982 model-year vehicles:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.41	7.0	1.5

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

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.38	1.1	1.5

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 4th day of August, 1981.

K. D. Drachand, Chief
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Executive Order No. A-6-226 Page 1

Engine Family C3G5.7D7ZZT6 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

Special Features
CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
MFI-Mechanical Fuel Injection
TC-Turbocharged

Fuel System
CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Division	Basic Body	Trim	Body Type	
				CHEVROLET
1	B	L	35	Impala Station Wagon
			47	Impala Sport Coupe
			69	Impala Sedan
		N	35	Caprice Classic Station Wagon
			47	Caprice Classic Sport Coupe
			69	Caprice Classic Sedan
	G	W	35	Malibu Classic Station Wagon
			69	Malibu Classic Sedan
		Z	37	Monte Carlo Sport Coupe
				PONTIAC
2	G	J	37	Grand Prix
		K	37	Grand Prix LJ
		N	35	Bonneville Model "G" Wagon
			69	Bonneville Model "G" Sedan
		P	37	Grand Prix Brougham
		R	69	Bonneville Model "G" Brougham Sedan
				OLDSMOBILE
3	B	L	69	Delta 88 Sedan
		N	37	Delta 88 Royale Coupe
			69	Delta 88 Royale Sedan
		P	35	Cutsom Cruiser Wagon
		Y	37	Delta 88 Royale Brougham Coupe
			69	Delta 88 Royale Brougham Sedan
3	C	W	69	Ninety Eight Regency Brougham Sedan
		X	37	Ninety Eight Regency Coupe
			69	Ninety Eight Regency Sedan
	E	Z	57	Toronado Brougham Coupe
	G	H	35	Cutlass Cruiser Brougham Wagon
		K	47	Cutlass Supreme Calais Coupe
		M	47	Cutlass Supreme Brougham Coupe
			69	Cutlass Supreme Brougham Sedan
		R	47	Cutlass Supreme Coupe
			69	Cutlass Supreme LS Sedan
				BUICK
4	B	N	37	LeSabre Custom Coupe
			69	LeSabre Custom Sedan
		P	37	LeSabre Limited Coupe
			69	LeSabre Limited Sedan
		R	35	LeSabre Estate Wagon
		Y	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	Z	57	Riviera "Luxury" Coupe
	G	J	35	Regal Estate Wagon
		J	47	Regal Coupe
		K	47	Regal Sport Coupe
		M	47	Regal Limited Coupe
		J	69	Regal Sedan
		M	69	Regal Limited Sedan

ISSUED: 073181. Buick Regal models added, to correct omission, on 100981.

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Executive Order No. A-6-226 Page 2

Engine Family C3G5.7D7ZZT6 Evaporative Family NA

Engine CID (Liters) 350 (5.7)

Division	Basic Body	Trim	Body Type	CADILLAC
6	C	B	47	Brougham Coupe
			69	Brougham Sedan
		D	47	Coupe deVille
			69	Sedan deVille
	E	L	57	Eldorado
	K	S	69	Seville

DRIVE SYSTEM: Rear Wheel except E,K bodies.
Front Wheel - E,K bodies only.

ISSUED: 073181.

AIR RESOURCES BOARD 1982 SUPPLEMENTAL DATA SHEET - GM FORMAT
Diesel-fueled Passenger Cars

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-226 Pg. 3

Engine Family C3G5.7D7ZZT6 Engine CID 350 Transm. _____

Emission Control System EGR (DIP)

Eng. Code	Air Cond.	Diesel Injection Pump Mfgr. Part No.	Diesel Injector Nozzles Mfgr. Part No.	EGR System Valve Part No.	Equivalent Test Weight	Division	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label Code	Rev. Notes
1	W/WO	Stanadyne Hartford 22514074, 22517570	CAV 22505294 DED 5233720	Vacuum Mod. EGR 17075598	4000	12	G		37	A-3	OFD	BE
						34	G		47			
						1234	G		69			A
					4250	3	B		37			
						1	B		47			
						1	B	L	69			
						3	B		69			
						1234	G		35			
					4500	4	B		37			
						1	B	N	69			
						4	B		69			
						34	C		37			
						34	C		69			
2				17082755	4750	1 34	B		35		OJD	BE
3,3A, 3B,C					4250	3	E		57	A-4	OFD	B CD
					4500	46	E		57			
						6	K		69			
3D		22518487			4250	3	E		57			F
					4500	46	E		57			
						6	K		69			

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

Date of Issue: 073181. Revisions: A. Opt. Inj. pump added by RC 23-230, on 112381. B. EC 1A, 2A, 3A added, by RC 23-252, on 113081. C. EC 3B added by RC 23-242; D. EC 3C added by RC 23-300, on 011282. E. EC 1A,2A deleted by letter ML-2G408, F. EC 3D added by RC 23-388, on 031582.

AIR RESOURCES BOARD 1982 SUPPLEMENTAL DATA SHEET - GM FORMAT
Diesel-fueled Passenger Cars

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-226 Pg. 4

Engine Family C3G5.7D7ZZT6 Engine CID 350 Transm. _____

Emission Control System EGR (DIP)

Eng. Code	Air Cond.	Diesel Injection Pump Mfgr. Part No.	Diesel Injector Nozzles Mfgr. Part No.	EGR System Valve Part No.	Equivalent Test Weight	Division	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label Code	Rev. Notes
7A	W/WO	Stan adyne	CAV	17082755	4000	1 2	G		37	A-3	OFD	ABDE
		Hartford	22505294			3 4	G		47			B
		22514074	DED									
		22517570	5233720			1 23 4	G		69			BC
					4250	3	B		37	A-3,4		B
						1	B		47			B
						1	B		69	A-3		B
						1	B	L	69	A-4		
						3	B		69	A-3,4		B
						3	E		57	A-4		
						1 23 4	G		35	A-3		B
					4500	4	B		37	A-3,4		B
						1	B	N	69	A-4		
						4	B		69	A-3,4		B
						3 4	C		37			B
						3 4	C		69			B
						4	E		57	A-4		
						6	K		69			F
					4750	1 3 4	B		35	A-3,4		B
						6	C		47			B
						6	C		69			B

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

Date of Issue: 100881. Revisions: A. EC 7 added by RC23-130, on 100881. B. A-3 trans. models added by RC23-165, on 100981. C. Opt. Inj. pump added, by RC 23-230, on 112381. D. EC 7A added, by RC 23-252, on 113081. E. EC 7 deleted by letter ML-2G408, F. 6K69 added, to correct omission, on 031582. See Pg 5, added 031582, for EC 9, 10.

AIR RESOURCES BOARD 1982 SUPPLEMENTAL DATA SHEET - GM FORMAT
Diesel-fueled Passenger Cars

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-226 Pg. 5

Engine Family C3G5.7D7ZZT6 Engine CID 350 Transm. _____

Emission Control System EGR (DIP)

Eng. Code	Air Cond.	Diesel Injection Pump Mfgr. Part No.	Diesel Injector Nozzles Mfgr. Part No.	EGR System Valve Part No.	Equivalent Test Weight	Division	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label Code	Rev. Notes
9	W/WO	Stan adyne Hartford 22518487	CAV 22505294 DED 5233720	17082755	4000	1 2	G		37	A-3	OFD	A
						3 4	G		47			
						1 23 4	G		69			
					4250	3	B		37	A-3,4		
						1	B		47			
						1	B	L	69			
						3	B		69			
						1 23 4	G		35	A-3		
					4500	4	B		37	A-3,4		
						1	B	N	69			
						4	B		69			
						3 4	C		37			
						3 4	C		69			
10					4750	1 3 4	B		35			A
						6	C		47			
						6	C		69			

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

Date of Issue: 031582 Revisions: A. EC 9,10 added by RC23-328, on 031582.