

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-311
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 1985 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>
FIG1.8D7ZZL7	111 (1.8)	Exhaust Gas Recirculation (Diesel Injection - Prechamber)

Vehicle models, transmissions and engine codes are 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 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles".

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>	<u>Particulates Grams per Mile</u>
0.41	7.0	1.0	0.4

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>	<u>Particulates Grams per Mile</u>
0.28	0.7	1.0	0.2

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 26th day of June 1984



K. D. Drachand, Chief
Mobile Source Division

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corporation Executive Order No. A-6-311 Page 1
 Engine Family F1G1.8D7ZZL7 Evaporative Family NA
 Engine CID (Liters) 111 (1.8L)

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, EFI, MFI
 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

<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					
	T	B	08	Chevette CS Hatchback Coupe					
			68	Chevette CS Hatchback Sedan					
		J	08	Chevette Hatchback Coupe					
			68	Chevette Hatchback Sedan					
2				PONTIAC					
	T	L	08	1000 Hatchback Coupe					
			68	1000 Hatchback Sedan					

DRIVE AXLE: Rear Wheel Drive

ISSUED:

REVISED:

0691P/17P

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
DIESEL-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. A-6-311 Page _____

Engine Family F1G1.8D7ZZL7 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
111	1	W/O	8941223732	8942200842	8941144220	2500	1	T	J	08	M-5	XTN	
						2625	1	T	B	08			
							2	T		08			
							12	T		68			

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:

0691P/17P