

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-224
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.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
C1G1.8D7ZZ9X	111 (1.8)	Engine Modification (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:

<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>
0.21	0.7	1.2

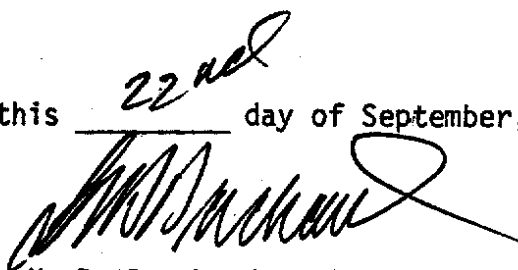
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 22nd day of September, 1981.



K. D. Drachand, Chief
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer GENERAL MOTORS CORP. Executive Order No. A-6-224 Page 1
 Engine Family C1G1.8D7ZZ9X Evaporative Family (NONE)
 Engine CID (Liters) 111 (1.8)

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 T B 08	Chevette Hatchback Coupe
1 T B 68	Chevette Hatchback Sedan

DRIVE SYSTEM: Rear Wheel.

Issued: 092581. Sedan model added by RC 21-102, included in original certification, 092581.

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

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-224 Pg. 2

Engine Family C1G1.8D7ZZ9X Engine CID 111 Transm. _____

Emission Control System EM. (DIP)

Eng. Code	Air Cond.	Diesel Injection Pump Mfgr. Part No.	Diesel Injector Nozzles Mfgr. Part No.	EGR System Valve Part No.	Equivalent Test Height	Division	Basic Body	Trim	Body Type	Transmission	Tune-up Label Code	Rev. Notes
2	W/O	Diesel Kiki Co. Ltd. 8942434420	Diesel Kiki Co. Ltd. 8942200842	None	2500	1	T		08	A-3	CCZ	A
					2625	1	T		68			
4		Diesel Kiki Co. Ltd. 8942434410			2500	1	T		08	M-5		A
					2625	1	T		68			

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: 092581. **Revisions:** A. 1TB68 models added by RC 21-102, included in original certification 092581.