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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-223
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 Order 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 gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
CG1.6V2NEAX	98 (1.6)	Air Injection - Pump Exhaust Gas Recirculation Three Way Catalyst System Closed Loop

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families 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>
0.39	7.0	0.7

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>
0.18	1.8	0.6

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

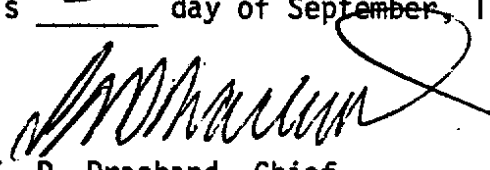
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 25th 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-6-223 **Page** 1

Engine Family C1G1.6V2NEAX **Evaporative Family** 2B5-1B

Engine CID (Liters) 98 (1.6)

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
1	T	J	08		Chevette Hatchback Coupe
1	T	J	68		Chevette Hatchback Sedan
PONTIAC					
2	T	L	08		T 1000 Hatchback Coupe
2	T	L	68		T 1000 Hatchback Sedan

DRIVE SYSTEM: Rear Wheel

Issued: 092881.

AIR RESOURCES BOARD 1982 SUPPLEMENTAL DATA SHEET - GM FORMAT
Gasoline-fueled Passenger Car

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-223

Engine Family C1G1.6V2NEAX Engine CID 98 Transm. _____

Exhaust Emission Control System AIP, EGR, TWC, CI

Eng. Code	Air Cond.	Electron. Control Module Part No.	Fuel System 2V Carb. Part No.	EGR Valve Part No.	Equivalent Test Weight	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label Code	Rev. Notes
3	W	16017171	14032364	17082828	2375	1 2	T		08	M-4	CJY	BD
3A		16025841			2500	1 2	T		68		LCB	
4	WO		14032366		2375	1 2	T		08		CJY	D
4A						1 2	T		68		LCB	
7	W	16024381	14032365	17075724	2500	1 2	T		08	A-3	CXA	AC
7A						1 2	T		68		CVB	
8	WO		14032367		2375	1 2	T	J	08		CCA	A
8A					2500	1 2	T	B	68		CAA	C
9	W		14032365		2500	1 2	T		08		LCA	D
9A						1 2	T		68		CXF	AC
10	WO		14032367		2375	1 2	T		08		LCD	D
10A					2500	1 2	T		68		CVA	C
											LCB	D

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.

Date of Issue: 092881, Revisions: A. EC 7,8, 9 added by RC 21-138, included in original cert. 092881. B. Optional ECM added by RC 21-304; C. EC 10 & labels added by RC 21-312; D. EC 3A, 4A, 7A, 8A, 9A, 10A added by RC 21-349, on 032582.