

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-213-1  
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 gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
C2G1.8V5TDG9	110 (1.8)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Central Fuel Injection)

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>
0.41	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>
0.23	2.3	0.5

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.

Executive Order A-6-213, dated December 18, 1981, is hereby rescinded.

Executed at El Monte, California this 30<sup>th</sup> day of August, 1982.



K. D. Drachand, Chief  
Mobile Source Control Division

**1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET**

Manufacturer General Motors Corp. Executive Order No. A-6-213 -1 Page 1  
 Engine Family C2G1.8V5TDG9 Evaporative Family 2B0-2B  
 EGR, TWC-CL CFI Engine CID (Liters) 110 (1.8)L4

**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	Model	
2	PONTIAC			4	
J	B	27	J2000 Coupe	J S 27 Skyhawk Coupe	
		35	J2000 Wagon	69 Skyhawk Sedan	
		69	J2000 Sedan	T 27 Skyhawk Limited Coupe	
		77	J2000 Hatchback	69 Skyhawk Limited Sedan	
	C	27	J2000 SE Coupe		
		69	J2000 SE Sedan	3	
	D	77	J2000 SE Hatchback	OLDSMOBILE	
	E	27	J2000 Coupe	J C 69 Firenza	
		35	J2000 Wagon	77 Firenza S	
		69	J2000 Sedan	D 69 Firenza LX	
				77 Firenza SX	

**DRIVE SYSTEM: Front Wheel**

Issued: 122381. 2JE27, 35, 69 models added by RC 22-358 on 032582.  
 Oldsmobile models 3JC69, 3JC77, 3JD69 and 3JD77 added by RC 22-425.  
 E. O. updated to -1, by letter ML-2G484, on 082782.

**AIR RESOURCES BOARD 1982 SUPPLEMENTAL DATA SHEET - GM FORMAT**

Gasoline-fueled Passenger Car

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-213-1

Engine Family C2G1.8V5TDG9 Engine CID 110 Transm.           

Exhaust Emission Control System EGR, TWC, CL (CFI)

Eng. Code	Air Cond.	Electron. Control Module Part No.	Fuel System Throttle Body Part No.	EGR Valve Part No.	Equivalent Test Weight	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label Code	Rev. Notes
1	W & WO	16018722	17082066	17082728	2750	2 4	J J	CE	27 27	A3	RTY	A B C D DE
1A		16018762			2875	2	J	B	27			
1B						2	J		35			
1C					17083807	234 23	J J		69 77			

**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:** 122381. **Revisions:** A. EC 1A added by RC 22-313; B. 2JB27 was 2750 lbs. before letter 2P1303; appr'd. on 032582. C. EC 1B added by RC 22-424. D. Models 3JC69, 3JC77, 3JD69 and 3JD77 added by RC 22-425. E. EC 1C added by RC 22-429. F. E. O. updated to -1, by letter ML-2G484, on 082782.