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.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
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:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.41	7.0	0.7

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
0.23	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 30th 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

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

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

Division	Basic Body	Trim	Body Type	Model
2				PONTIAC
	J	B	27	J2000 Coupe
			35	J2000 Wagon
			69	J2000 Sedan
			77	J2000 Hatchback
		C	27	J2000 SE Coupe
			69	J2000 SE Sedan
		D	77	J2000 SE Hatchback
		E	27	J2000 Coupe
			35	J2000 Wagon
			69	J2000 Sedan
4				BUICK
	J	S	27	Skyhawk Coupe
			69	Skyhawk Sedan
		T	27	Skyhawk Limited Coupe
			69	Skyhawk Limited Sedan
3				OLDSMOBILE
	J	C	69	Firenza
			77	Firenza S
		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 Pg. 2

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	
1A		16018762			2875	2	J	B	27			A
1B						2 234	J J		35 69			B C D
1C				17083807		23	J		77			DE

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.