E.O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-185
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 General Motors Corporation exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
11W2TNQZ	98 (1.6)	Air Injection - Valve Exhaust Gas Recirculation Three Way Catalyst System with Closed Loop

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
11W2TNQZ	0.25	5.5	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", amended June 26, 1980.

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 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That General Motors Corporation has provided to the Executive Officer 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 18th day of August, 1980.

K. D. Drachand, Chief
Mobile Source Control Division

E. O. Bob

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corp. Executive Order No. A-6-185 Page 1

Engine Family 11W2TNQZ Evaporative Family 1B5-1

ABBREVIATIONS Engine CID (Liters) 98 (1.6)

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
DI-Diesel Injection
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbocharged

Fuel System
CFI, DI, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Division	Basic Body	Trim	Body Type	
2				PONTIAC
	T	M	08	T-1000 Hatchback Coupe
		M	68	T-1000 Hatchback Sedan

Division	Basic Body	Trim	Body Type	
1				CHEVROLET
	T	B	08	Chevette Hatchback Coupe
		J	08	Chevette Scooter Hatchback Coupe
		B	68	Chevette Hatchback Sedan

Issued: 081380. Pontiacs added by RC 11-234, on 030281.

AIR RESOURCES BOARD 1981 SUPPLEMENTAL DATA SHEET - GM FORMAT
Gasoline-fueled Passenger Car

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-185

Engine Family 11W2TNQZ Engine CID 98 Transm. _____

Exhaust Emission Control System AIV, EGR, TWC, CL

Eng. Code	Air Cond.	Electron. Control Module Part No.	Fuel System 2V Carburetor Part No.	EGR Valve Part No.	Test Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label Code	Rev. Notes
3	W	Delco Electronics 16013891	Holley 14023771	17075566	2375	1	T	J	08	M-4	ADS, AWZ	D
3A		16018771			2500	1 2 12	T T T	B	08 08 68			A FG
4	W/O	16013891	14023769		2250	1	T	J	08			
4A		16018771										F
					2375	1 2 12	T T T	B	08 08 68			
5	W	16013931	14023770	17058269	2375	1	T	J	08	A-3		
5B				17075564								BCE
5C		16018361										H
					2500	1 2 12	T T T	B	08 68 68			
6	W/O	16013931	14023768	17058269	2375	12	T		08			
6B				17075564								BCE
6C		16018361										H
					2500	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.

Date of Issue: 081380 Revisions: A. ECM column was Ign. Syst. column (format updated); B. EC 5A, 6A added by RC 11-91, on 100180. C. EC 5B, 6B added by RC 11-68 on 100680. D. Tune-up Label code AWZ added by RC 11-130, on 111780. E. EC 5A, 6A deleted by canc. of RC 11-91; F. EC 3A, 4A added by RC 11-182; G. Pontiac models added by RC 11-234; H. EC 5C, 6C added by RC 11-206, on 030281.