State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-192
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 Motor 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)
13H2AEJ	260 (4.3)	Air Injection - Pump 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
13H2AEJ	0.35	3.6	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 except Motorcycles".

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 24th day of July, 1980.

K. D. Drachand, Chief
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer GENERAL MOTORS CORP. Executive Order No. A-6-192 Page 1

Engine Family 13H2AEJ Evaporative Family 1B3-3

ABBREVIATIONS Engine CID (Liters) 260(4.3)

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 Bocy	Trim	Body Type	
3				OLDSMOBILE
	A	G	35	Cutlass Cruiser
		H	35	Cutlass Cruiser Brougham
		K	47	Cutlass Calais Coupe
		M	47	Cutlass Supreme Brougham Coupe
		R	47	Cutlass Supreme Coupe
		G	69	Cutlass Sedan
		M	69	Cutlass Brougham Sedan
		R	69	Cutlass "LS" Sedan
	B	L	37	Delta 88 Coupe
		N	37	Delta 88 Royale Coupe
		Y	37	Delta 88 Royale Brougham Coupe
		L	69	Delta 88 Sedan
		N	69	Delta 88 Royale Sedan
		Y	69	Delta 88 Royale Brougham Sedan

Issued: 072580.

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

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6- 192 Pg. 2

Engine Family 13H2AEJ Engine CID 260 Transm. _____

Exhaust Emission Control System AIP,EGR,TWC,CL

Eng. Code	Air Cond.	Electron. Control Module Part No. Delco	Fuel System 2V Carb. Part No.	EGR Valve Part No.	Test Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label Code	Rev. Notes
1	W & WO	Electron-ics 16012703	17081150	17075507	3750	3 3	A A		47 69	A-3	OU-G HMG	B A
1A		16018183										
2		16014543			4000	3	A		35		OM-G HUG	B
2A		16018203				3 3	B B		37 69			A

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: 072580. Revisions: A. EC 1A,2A added by RC 13-72, on 082980. B. Tune-up labels HMG, HUG added, by letter ML-1P1323, on 041081.