State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-169
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 1980 model-year gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
04E4UCD	231	Air Injection Exhaust Gas Recirculation Three Way Catalyst with Closed Loop (Turbo Charged)

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 1980 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
04E4UCD	0.39	4.5	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 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 1980 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 11th day of September, 1979.

K. D. Drachand By RW

K. D. Drachand, Acting Chief
Mobile Source Control Division

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Executive Order No. A-6-169 Page 1

Engine Family 04E4UCD Engine (CID) 231

Evaporative Family 0B4S-4

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
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst
PAI-Pulse Air Injection
TR-Thermal Reactor
TWC-Three Way Catalyst

Special Features
CCAV-Combustion Chamber Air Valve
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbo Charged

Division	Basic Body	Trim	Body Type	
				Chevrolet
1	A	Z	37	Monte Carlo Sport Coupe
				Buick
4	A	H	69	Century Sedan
			87	Century Coupe
		K	47	Regal Sport Coupe
		L	69	Century Limited Sedan
	B	F	37	LeSabre Sport Coupe
	E	Y	57	Riviera "S" Type
		Z	57	Riviera "Luxury"

Issued: 090779. Rivieras added by RC 04-64 on 092079.

051479

AIR RESOURCES BOARD 1980 SUPPLEMENTAL DATA SHEET - GM FORMAT
Gasoline-fueled Passenger Car

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-169

Engine Family 04E4UCD Engine CID 231 Transm. _____

Exhaust Emission Control System AI,EGR,TWC,CL +10% (A/C) Yes ☐ No ☐

Eng. Code	Air Cond.	Ign.Syst. EI,ESAC Distrib. Part No.	Fuel System 4V Carburetor Part No.	EGR Valve Part No.	Test Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label	Rev. Notes
1A	W or WO	Delco Remy 1110784	Rochester 17080543	17062865	3625	1	A		37	A-3	NK	AD
						4	A		47			
						4	A		69			
						4	A		87			
1B						1	A		37		NM	C
						4	A		47			
						4	A		69			
						4	A		87			
3A	W		17080540	17062866	4000	4	B		37		NK	AD
3B											NM	C
5			17080542	17062867		4	E		57		NC	B
5A											NL	C

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: 090779. Revisions: A. EC 1A & 3A, added by RC 04-56, included in original certification 090779. B. EC 5 added by RC 04-64 on 092079. C. EC 1B, 3B & 5A added by RC & FF 04-115, on 101779. D. Label ND corrected to NK by letter ML-OP1131, on 102579.