State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-173
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)
03J4PCZ	350	Exhaust Gas Recirculation Three Way Catalyst 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 1980 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
03J4PCZ	0.27	6.2	0.9

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 13th day of September, 1979.

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

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corp Executive Order No. A-6-173 Page 1

Engine Family 03J4PCZ Engine (CID) 350

Evap. Family 0B4S-3

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	
				PONTIAC
2	B	L	37	Catalina Coupe
			69	Catalina Sedan
		N	37	Bonneville Coupe
			69	Bonneville Sedan
		R	37	Bonneville Brougham Coupe
			69	Bonneville Brougham Sedan
		L	35	Catalina Safari Station Wagon
		N	35	Bonneville Safari Station Wagon
				OLDSMOBILE
3	B	L	37	Delta 88 Coupe
			69	Delta 88 Sedan
		N	37	Delta 88 Royale Coupe
			69	Delta 88 Royale Sedan
		P	35	Custom Cruiser
		Y	37	Delta 88 Royale Brougham Coupe
			69	Delta 88 Royale Brougham Sedan

ISSUED: 091179

Division	Basic Body	Trim	Body Type	
				OLDSMOBILE (cont.)
3	C	V	37	Ninety Eight Luxary Coupe
			69	Ninety Eight Luxary Sedan
		X	37	Ninety Eight Regency Coupe
			69	Ninety Eight Regency Sedan
	E	Z	57	Toronado Brougham Coupe
				BUICK
4	B	N	37	LeSabre Coupe
			69	LeSabre Sedan
		P	37	LeSabre Limited Coupe
			69	LeSabre Limited Sedan
		R	35	LeSabre Wagon
		V	35	Electra Limited Wagon
	C	W	37	Electra Park Avenue Coupe
			69	Electra Park Avenue Sedan
		X	37	Electra Limited Coupe
			69	Electra Limited Sedan
	E	Y	57	Riviera "S" Type
		Z	57	Riviera "Luxury"

E.O. Book

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

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-173

Engine Family 03J4PCZ Engine CID 350 Transm. A3

Exhaust Emission Control System EGR/TWC/CL +10% (A/C) Yes [X] No [ ]

Eng. Code	Air Cond.	Ign.Syst. EI,CA,VA Dist. P/N	Fuel System 4V Carb. P/N	EGR Valve Part No.	Test Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label	Rev. Notes
1	W	Delco Remy 1103413	Rochester 17080553	17061580	4000	3	B	L	37	A3	HN, ST	A
					4250	2 4 234 3	B B B	NY	37 69 37			
						3 4	C C	X	37 37			
					4500	4 34	C C	W	37 69			B
2				17061578	4000	3	B	L	37			
					4250	2 4 234 3	B B B	NY	37 69 37			
						3 4	C C	X	37 37			
					4500	4 34	C C	W	37 69			B
					4750	234	B		35			
3		Delco Remy 1103414	Rochester 17080554	17058325	4000	3	E		57		HY, SW	A
					4250	4	E		57			

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: 091179 Revisions: A. Labels ST, SW added by letter ML-OP1192, on 112679.
B. 4CW37 was in 4250 class before RC 03-225, approved on 052980.