E.O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-371
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 1987 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)
H1G4.3W5NDA3	262	(4.3)	Air Injection - Pump Exhaust Gas Recirculation Dual Bed Catalyst Oxygen Sensor (Central Fuel Injection)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile
0.39	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
0.14	3.1	0.4

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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 listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.) ~~and, for the listed vehicles in the 0-3999 equivalent inertia weight class, with Health and Safety Code Section 43204.~~ gc

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 15th day of July, 1986.

K. D. Drachand, Chief
Mobile Source Division

17-H1G4.3W5NDA3-1A

(For CARB Use Only)

(1987)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: General Motors Corporation Executive Order No.: A-6-371 Form 1

Engine Family: H1G4.3W5NDA3 Evaporative Family: 7B0-1D

Engine Liters (CID) - Type: 4.3L (262) - 90° V6

ABBREVIATIONS

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

Headings
AIR COND-Air Conditioning
BB-Basic Body
BT-Body Type
DI-Diesel Injection
DIN-Diesel Injector Nozzles
DIV-Division
ECM-Electronic Control Module
ETW-Equivalent Test Weight
TLC-Tune-Up Label Code
TNS-Transmission
TM-Trim

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

Special Features
CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
EFI-Electronic Fuel Injection
IC-Intercooler/Aftercooler
MFI-Mechanical Fuel Injection
TC-Turbocharger

DIV	BB	TM	BT	MODEL NAME
1				CHEVROLET
	B	L	69	Caprice 4 Dr Sedan
		N	47	Caprice Classic 2 Dr Coupe
			69	Caprice Classic 4 Dr Sedan
		V	69	Caprice Classic 4 Dr Brougham Sedan
	G	W	80	El Camino/Caballero
		Z	37	Monte Carlo LS Sport Coupe

DIV	BB	TM	BT	MODEL NAME
2				PONTIAC
	G	J	37	Grand Prix Coupe
		K	37	Grand Prix LF Coupe
		P	37	Grand Prix Brougham Coupe

ENGINE/DRIVE AXLE LOCATION: Front Engine/Rear Drive

ISSUED: 06-30-86 REV. NO.:

0100S

17-H1G4.3W5NDA3-2A

(For CARB Use Only)

(1987)

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

Manufacturer: General Motors Corporation Executive Order No.: A-6-371 Form 2

Engine Family: H1G4.3W5NDA3 Exhaust Emission Control System: AIR, EGR, TWC, CL (EFI)

Liter (CID): 4.3L (262) Engine Type: V6

ENG CID	ENG CODE	AIR COND	ECM PART NO.	TBI PART NO.	EGR VALVE PART NO.	ETW	DIV	B B	T M	BT	TNS	REV. NOTES
262	51	W & W/O	16050311	17087163	17087242	4000	1	B		47	A-4	
							1	B		69		
	53		16061611			3625	12	G		37	A-3	
							1	G		80		
	55		16050561			3625	12	G		37	A-4	
							1	G		80		
	57		16050301			4000	1	B		47	A-3	
							1	B		69		
	59		16050591			3625	12	G		37		
							1	G		80		
	61		16050611			3625	12	G		37	A-4	
							1	G		80		

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 and equipment.

ISSUED: 06-30-86 REV. NO.: 001

0100S/10S