State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER E.O. A-6-374
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 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)
H2G5.0W4NBA6	307	(5.0)	Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop

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
0.26	3.2	0.5

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.).

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 5th day of March, 1986.

K. D. Drachand, Chief
Mobile Source Division

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corporation Executive Order No. A-6-374 Page 1

Engine Family H2G5.0W4NBA6 Evaporative Family 7B4-2B, 7B4S-2B

Engine CID (Liters) - Type 307 (5.0) - V8

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
MFI-Mechanical Fuel Injection
TC-Turbocharger

DIV	BB	TM	BT	MODEL NAME
1				CHEVROLET
	B	L	35	Caprice Station Wagon
		N	35	Caprice Classic Station Wagon
			47	Caprice Classic Coupe
			69	Caprice Classic Sedan
		L	69	Impala Sedan
2				PONTIAC
	B	L	35	Parisienne Safari Wagon
3				OLDSMOBILE
	B	P	35	Custom Cruiser
	G	K	47	Cutlass Salon Coupe
		M	47	Cutlass Supreme Brougham Coupe
		M	69	Cutlass Supreme Brougham Sedan
		R	47	Cutlass Supreme Coupe
		R	69	Cutlass Supreme Sedan
4				BUICK
	G	J	47	Regal Coupe
		M	47	Regal Limited Coupe
	B	R	35	LeSabre Estate Wagon
		V	35	Electra Estate Wagon
6				CADILLAC
	D	W	69	Brougham Sedan

DRIVE AXLE: Rear

ISSUED: 03-05-86

REVISIONS: A. Pontiac B models deleted on 04-01-86.
B. Chevrolet 1BL35 model added and Cadillac 6DW47 deleted by RC 72-014 on 06-02-86.

0513Q/53Q

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. A-6-374 Page 2

Engine Family H2G5.0W4NBA6 Exhaust Emission Control System AIP, EGR, TWC, CL

ENG. CID	ENG. CODE	AIR COND	ECM PART NO.	CARB PART NO.	EGR VALVE PART NO.	ETW	DIV	B B	T M	BT	TNS	TLC	REV. NOTES
307	1	W/WO	16061163	17086008	17085749	3750	3	G	MR	47	A-3	SAB	
							4	G		47			
							3	G	R	69			
						3875	3	G	K	47			
							3	G	M	69			
	2		16061183			3875	34	G		47	A-4		
							3	G		69			
						4250	1	B		47			
							1	B		69			A
	3,3A		16061223		17085748	4250	6	D		69			B,C
	4,4A					4500	1234	B		35			B
	5		16061293	17086009	17086013	3875	3	G		47		SAD	

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: 03-05-86

REVISIONS: A. Pontiac B models deleted on 04-01-86.
B. Engine codes 3A and 4A added by RC 72-005 on 04-18-86.
C. Cadillac model 6DW47 deleted by RC 72-014 on 06-02-86.

0513Q/53Q