State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-343
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 1986 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)
G3G5.0W4NBA4	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
0.18	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.).

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 14th day of March, 1985.

K. D. Drachand, Chief
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corporation Executive Order No. A-6-343 Page 1

Engine Family G3G5.0W4NBA4 Evaporative Family 6B4-3B/6B4S-3B

Engine CID (Liters) - Type 307 (5.0)

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,TBI
nV-nVenturi Carburetor
VV-Variable Venturi

Special Features
CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
MFI-Mechanical Fuel Injection
TC-Turbocharged
TBI-Throttle Body Injection
EFI-Electronic Fuel Injection

DIV	BB	TM	BT	MODEL NAME
1				CHEVROLET
	B	N	35	Caprice Classic Station Wagon
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	47	Fleetwood Brougham Coupe
			69	Fleetwood Brougham Sedan

DRIVE AXLE: Rear

ISSUED: 02-15-85

REVISIONS: A. Added Chevrolet and Pontiac B-Wagon Models on 06-10-85. B. Added Cadillac D models on 07-11-85.

0092N/14N

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. A-6-343 Page 2

Engine Family G3G5.0W4NBA4 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	1,1A,	W/WO	16052583	17086008	17085749	3750	34	G		47	A-3	HAD	EFL
	1B						3	G		69			M
						3875	34	G		47			AC
							3	G		69			
	2,2A,		16048933			3750	34	G		47	A-4		CH
	2B						3	G		69			M
						3875	34	G		47			
							3	G		69			
	2A,2B					4250	1	B		47			KM
							12	B		69			
	3A,3C,	W	16048953		17085748	4250	6	D		47			GJ
	3E						6	D		69			M
	3,3A,	W/WO				4500	1234	B		35			CDJL
	3B,3C,												
	3D,3E,												M
	3F												
	4,4A,	W	16049543	17086009	17086013	3875	3	G		47		HAK	BF
	4B,4C												CM
	6	W/WO	16059083	17086008	17085749	4250	1	B		47		HAD	IL
							12	B		69			

Tune-Up Label Code	Evaporative Family
HAD	6B4-3B
HAK	6B4S-3B

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: 02-15-85

REVISIONS: A. Buick models added by RC 63-012 on 05-01-85. B. Engine code 4A added by RC 63-018 on 05-09-85. C. Engine codes 1A, 2A, 3A, 3B and 4B added by RC 63-020 on 05-16-85. D. Chevrolet and Pontiac models added by RC 63-029 on 06-10-85. E. 3750 ETW added by RC 63-033 on 06-12-85. F. Tune-up label codes revised on 06-27-85. G. Cadillac D models added by RC 63-051 on 07-11-85. H. 3750 ETW added by RC 63-059 on 07-22-85. I. Chevrolet and Pontiac B models added by RC 63-053 on 07-30-85. J. Engine codes 3C and 3D added by RC 63-054 on 08-02-85. K. B models added to engine code 2A by RC 63-073 on 08-05-85. L. A/C usage revised by RC 63-078 on 08-09-85. M. Engine codes 1B, 2B, 3E, 3F and 4C added by RC 63-124 on 11-15-85.