State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-315
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 1985 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)
F3G5.OW4NBA3	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 certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

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 the above engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.20	4.8	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 1960.15 of Title 13, California Administrative Code which includes repair or replacement of 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 Executive Officer has been provided 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 9th day of April, 1984.

K. D. Drachand, Chief
Mobile Source Division

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Engine Family F3G5.0W4NBA3 Evaporative Family 5B4-3B/5B4S-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
3				OLDSMOBILE
	B	N	37	Delta 88 Royale Coupe
		N	69	Delta 88 Royale Sedan
		P	35	Custom Cruiser (B)
		V	69	Delta 88 Royale Brougham LS Sedan
		Y	37	Delta 88 Royale Brougham Coupe
		Y	69	Delta 88 Royale Brougham Sedan
	G	K	47	Cutlass Supreme Salon Coupe (B)
		M	47	Cutlass Supreme Brougham Coupe
		M	69	Cutlass Supreme Brougham Sedan
		R	47	Cutlass Supreme Coupe
		R	69	Cutlass Supreme Sedan (B)
	E	Z	57	Toronado Brougham Coupe

DIV	BB	TM	BT	MODEL NAME
4				BUICK
	B	N	37	LeSabre Custom Coupe
		N	39	LeSabre Custom Sedan
		P	37	LeSabre Limited Coupe
		P	69	LeSabre Limited Sedan
		R	35	LeSabre Estate Wagon (A)
		V	35	Electra Estate Wagon
	E	Y	57	Riviera "T-Type" Coupe
		Z	57	Riviera "Luxury" Coupe
		Z	67	Riviera Convertible Coupe

DRIVE AXLE: E Models - Front Wheel Drive
Other Models - Rear Wheel Drive

ISSUED: 03-14-84

REVISIONS: A. 4BR35 model added by RC 53-060. B. Model names updated on 07-31-84.

0677P/17P

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

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Engine Family F3G5.0W4NBA3 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	16039523	17085282	17085749	3750	3	G		47	A-3	SBK	B
	1B						3	G		69			E
	1C,1D		16049013										I
						3875	3	G		47			D
							3	G		69			
						4250	3	B		37			K
							3	B		69			
	2,2A,		16039573			4000	3	B		37	A-4		B
	2B												E
	2C,2D		16048973			4250	4	B		37			I
							34	B		69			
	3,3A,		16039563		17085748	4250	34	E		57			B
	3B,3C						4	E		67			CE
	3D,3E		16049033										I
	4,4A,		16050203			4500	34	B		35			BF
	4B												E
	4C,4D		16049503										G
	4E,4F		16048993										I
	5		16040823	17084554	17084767	3875	3	G		47		SBL	
	5A			17085554									A
	5B		16047973										HJ

Tune-Up Label Code	Evaporative Family
SBK	5B4-3B
SBL	5B4S-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: 03-14-84

REVISIONS: A. Engine code 5A added by RC 53-047 on 05-15-84. B. Engine codes 1A, 2A, 3A and 4A added by RC 53-056 on 06-19-84. C. Engine code 3B added by RC 53-099 on 07-30-84. D. 3875 TWC for "G" models added by RC 53-104 on 07-31-84. E. Engine codes 1B, 2B, 3C and 4B added by RC 53-135 on 09-04-84. F. ECM part number corrected on 09-06-84. G. Engine codes 4C and 4D added by RC 53-139 on 09-07-84. H. Engine code 5B added by RC 53-149 on 09-19-84. I. Engine codes 1C, 1D, 2C, 2D, 3D, 3E, 4E and 4F added by RC 53-125 on 09-28-84. J. Corrected ECM part number on 10-02-84. K. 4000 TWC revised to 4250 TWC on 01-17-85.