State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-270
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 1984 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)
E2G2.5V5TPG7	151	(2.5)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Central Fuel Injection)

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
0.41	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
0.22	2.4	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 1960.15 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 23 day of August, 1983.

K. D. Drachand, Chief
Mobile Source Control Division

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corporation Executive Order No. A-6-270 Page 1

Engine Family E2G2.5V5TPG7 Evaporative Family 4AO-2A, 4BO-2A

Engine CID (Liters) 151 (2.5)

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, 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

DIV	BB	TM	BT	MODEL NAME
1				CHEVROLET
	A	W	19	Celebrity Sedan
			27	Celebrity Notchback Coupe
			35	Celebrity Station Wagon
	F	P	87	Camaro Sport Coupe
	X	X	08	Citation II Hatchback Coupe
			68	Citation II Hatchback Sedan
		H	11	Citation II Slantback Coupe

DIV	BB	TM	BT	MODEL NAME
2				PONTIAC
	A	F	19	6000 Sedan
			27	6000 Coupe
			35	6000 Wagon
		G	19	6000 LE Sedan
			27	6000 LE Coupe
			35	6000 LE Wagon
	F	S	87	Firebird
		X	87	Firebird S/E
	P	M	37	Fiero Coupe
		P	37	Fiero SE Coupe
	X	Y	37	Phoenix Coupe
			68	Phoenix Hatchback Sedan
		Z	37	Phoenix LE Coupe
			68	Phoenix Hatchback LE Sedan

DRIVE AXLE: Front A, X
Rear F, P

ISSUED: REVISIONS:

0214W

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corporation Executive Order No. A-6-270 Page 2

Engine Family E2G2.5V5TPG7 Evaporative Family 4AO-2A, 4BO-2A

Engine CID (Liters) 151 (2.5)

DIV	BB	TM	BT	MODEL NAME
3				OLDSMOBILE
	A	J	19	Cutlass Ciera LS Sedan
			27	Cutlass Ciera LS Coupe
			35	Cutlass Cruiser Wagon
		M	19	Cutlass Ciera Brougham Sedan
			27	Cutlass Ciera Brougham Coupe
	X	B	37	Omega Coupe
			69	Omega Sedan
		E	37	Omega Brougham Coupe
			69	Omega Brougham Sedan

DIV	BB	TM	BT	MODEL NAME
4				BUICK
	A	H	19	Century Custom Sedan
			27	Century Custom Coupe
			35	Century Custom Wagon
		L	19	Century Limited Sedan
			27	Century Limited Coupe
			35	Century Limited Wagon
	X	B	37	Skylark Custom Coupe
			69	Skylark Custom Sedan
		C	37	Skylark Limited Coupe
			69	Skylark Limited Sedan

DRIVE AXLE: Front A, X
Rear F, P

ISSUED: REVISIONS:

0214W

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. A-6-270 Page 3

Engine Family E2G2.5V5TPG7 Exhaust Emission Control System EGR, TWC, CL,(CFI)

ENG. CID	ENG. CODE	AIR COND	ECM PART NO.	TBI ASM PART NO.	EGR VALVE PART NO.	ETW	DIV	B B	T M	BT	TNS	TLC	REV. NOTES
151	1A	W/WO	16036232	17084060	17084743	2875	1	X		08	A-3	FAK	
							1	X		11			
							3	X	B	37			
						3000	2 4	X		37			
							3	X	E	37			
							12	X		68			
							34	X		69			
						3125	1234	A		19			
							1234	A		27			
	2		16036222			2875	1	X		08			
							1	X		11			
							3	X	B	37			
						3000	2 4	X		37			
							3	X	E	37			
							12	X		68			
							34	X		69			
						3125	1234	A		19			
							1234	A		27			
	3A		16036422			3250	123	A		35			
						3375	4	A		35			
	5		16036322			3250	12	F		87	A-4	FAH	
	6		16036372	17084063		2875	2	P		37	A-3	FAM	

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.

ISSUED: REVISIONS:

0214W

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. A-6-270 Page 4

Engine Family E2G2.5V5TPG7 Exhaust Emission Control System EGR, TWC, CL, (CFI)

ENG. CID	ENG. CODE	AIR COND	ECM PART NO.	TBI ASM PART NO.	EGR VALVE PART NO.	ETW	DIV	B B	T M	BT	TNS	TLC	REV. NOTES
151	11	W/WO	16036292	17084060	17084743	2875	1	X		08	M-4	FAK	
							1	X		11			
							2	X	Y	37			
							34	X		37			
							1	X		68			
							2	X	Y	68			
							3	X		69			
							4	X	B	69			
						3000	2	X	Z	37			
							2	X	Z	68			
							4	X	C	69			
	12	W/WO	16036262			2875	1	X		08			
							1	X		11			
							2	X	Y	37			
							34	X		37			
							1	X		68			
							2	X	Y	68			
							3	X		69			
							4	X	B	69			
						3000	2	X	Z	37			
							2	X	Z	68			
							4	X	C	69			
						3125	1	A		19			
							1	A		27			
						3250	1	A		35			
	15		16036362			3250	12	F		87		FAH	
	16		16036342			3250	12	F		87	M-5		
	17		16040122	17084063		2875	2	P		37	M-4	FAM	

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.

ISSUED: REVISIONS:

0214W