State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-241
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 1983 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)
D2G2.5V5TPG6	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 as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year 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 this engine family:

Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0.34	2.5	0.3

BE IT FURTHER RESOLVED: That the listed vehicle 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 3rd day of August, 1982.

K. D. Drachand, Chief
Mobile Source Control Division

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Engine Family D2G2.5V5TPG6 Evaporative Family 3BO-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
TBI-Throttle Body Injection

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
	F	P	87	Camaro Sport Coupe
	X	X	08	Citation Hatchback Coupe
			68	Citation Hatchback Sedan
		H	11	Citation Slantback Coupe
2				PONTIAC
	A	F	19	6000 Sedan
			27	6000 Coupe
		G	19	6000 LE Sedan
			27	6000 LE Coupe
	F	S	87	Firebird
		X	87	Firebird S/E
	X	Y	37	Phoenix Coupe
			68	Phoenix Hatchback Sedan
		Z	37	Phoenix LJ Coupe
			68	Phoenix Hatchback LJ Sedan
3				OLDSMOBILE
	A	G	19	Cutlass Ciera Sedan
			27	Cutlass Ciera Coupe
		J	19	Cutlass Ciera LS Sedan
			27	Cutlass Ciera LS Coupe
		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
4				BUICK
	A	H	19	Century Custom Sedan
			27	Century Custom Coupe
		L	19	Century Limited Sedan
			27	Century Limited Coupe
	X	B	37	Skylark Coupe
			69	Skylark Sedan
		C	37	Skylark Limited Coupe
			69	Skylark Limited Sedan
		D	37	Skylark Sport Coupe
			69	Skylark Sport Sedan

DRIVE AXLE: Front A, X
Rear F

0262U

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. A-6-241 Page 2

Engine Family D2G2.5V5TPG6 Exhaust Emission Control System EGR, TWC, CL, TBI

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	16026672	17083060	17082726	3000	1	X		08	A3	TAJ	C
	1B		16033622				1	X		11			B
							234	X		37			
							12	X		68			
							34	X		69			
						3125	1234	A		19			
							1234	A		27			
	2		16026682			3250	12	F		87		TAC	C
	2A		16033342										B
	3		16026632			2875	1	X		08	M4	TAJ	C
	3A		16034972				1	X		11			D
							23	X		37			
							4	X	B	37			
							2	X	Y	68			
							3	X	B	69			
						3000	4	X	CD	37			
							1	X		68			
							2	X	Z	68			
							3	X	E	69			
							4	X		69			
	4		16026642			3250	12	F		87	M5	TAC	C
	4A		16034582										E
	5		16026912			3250	12	F		87	M4		A
	5A		16034602										E
	6		16033332			3000	1	X		08	A3	TAJ	B
							1	X		11			
							234	X		37			
							12	X		68			
							34	X		69			
						3125	1234	A		19			
							1234	A		27			

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: 080382

REVISIONS: A. EC 5 added by RC 32-073. B. EC 1B, 2A and 6 added by RC 32-072 on 093082. C. Corrected TLC codes on 093082. D. EC 3A added by RC 32-164 on 121782. E. EC 4A and 5A added by RC 32-191 on 01-17-83.

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. A-6-241 Page 3

Engine Family D2G2.5V5TPG6 Exhaust Emission Control System EGR, TWC, CL, TBI

ENG. CID	ENG. CODE	AIR COND	ECM PART NO.	TBI ASM PART NO.	EGR VALVE PART NO.	ETW	DIV	BB	TM	BT	TNS	TLC	REV. NOTES
151	7	W/WO	16033352	17083060	17082726	2875	1	X		08	M4	TAJ	A
							1	X		11			
							23	X		37			
							4	X	B	37			
							2	X	Y	68			
							3	X	B	69			
						3000	4	X	CD	37			
							1	X		68			
							2	X	Z	68			
							3	X	E	69			
							4	X		69			
	8		16027282			3000	1	X		08	A3		B
	8A		16036212				1	X		11			D
	8B		16038092				234	X		37			E
							12	X		68			
							34	X		69			
	9		16034462			3250	12	F		87	A4	TAC	C

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: 102582

REVISIONS: A. EC 7 added by RC 32-106 on 102682. B. EC 8 added by RC 32-130 on 102782. C. EC 9 added by RC 33-140 on 112482. D. EC 8A added by RC 32-209 on 021583. E. EC 8B added by RC 32-231 on