E.O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-214
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 Order G-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1982 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)
C2G2.5V5TPG5	151 (2.5)	Exhaust Gas Recirculation Three Way Catalyst System 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 1982 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
0.19	3.9	0.6

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 4th day of September, 1981.

K. D. Drachand, Chief
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Engine Family C2G2.5V5TPG5 Evaporative Family 2BO-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

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

Fuel System
CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

DIVISION	BASIC BODY	TRIM	BODY TYPE	
1				CHEVROLET
	A	W	19	Celebrity Sedan
			27	Celebrity Hatchback 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	T	37	Phoenix SJ Coupe
			68	Phoenix Hatchback SJ Sedan
		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 SYSTEM:	Front	Rear
BASIC BODY:	A,X	F

ISSUED: 090481. 1XH11 added by RC 22-214, on 111981.

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. A-6-214 Page 2

Engine Family C2G2.5V5TPG5 Exhaust Emission Control System EGR, TWC, CL

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	1	W & WO	16018352	17082060	17082726	2875	3	X	B	37	A3	RKL	
						3000	1	A		27			G
							1	X		08			
							2 4	X		08			B
	1A		16023772				3	X	E	37			
							12	X		68			E
							34	X		69			H
							1	X		11			D
	1C		16028962										F
						3125	1234	A		19			G
							234	A		27			G
	2		16018372			2875	1	X		08	M4		
							2	X	YZ	37			A
	2A		16018462				3	X	B	37			E
			16028932				4	X	BD	37			F
							2	X	Y	68			
							1	X		11			D
						3000	2	X	T	37			
							3	X	E	37			C
							4	X	C	37			
							1	X		68			
							2	X	TZ	68			
							34	X		69			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.

Date of Issue: 090481

Revisions: A. EC 2 was air cond. only before RC 22-87. B. EC 1B added by RC 22-107, both approved with original certification on 090481. C. 3XE37 and 3XB69 were 2875 before RC 22-147, approved 100281. D. 1X11 added by RC 22-214 on 111981. E. EC 1B, 2A added by RC 22-215 on 012782. F. EC 1C and ECM P/N 16028932 added by RC 22-416 on 040582. G. A models moved from 3000 to 3125 test weight class, revisions 010, 023 and 026. H. EC 1B deleted by revised RC 23-215.

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

Manufacturer General Motors Corporation Executive Order No. A-6-214 Page 3

Engine Family C2G2.5V5TPG5 Exhaust Emission Control System EGR, TWC, CL

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	5	W & WO	16018382	17082060	17082726	3250	12	F		87	A3	RHT	C
	5A		16023782										B
	5B		16018492										D
	5C		16028972										E
	6		16018412			3250	12	F		87	M4		A
	6A		16018702 16028942										D E 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.

Date of Issue: 090481

Revisions: A. EC 6 was air cond. only before RC 22-87, approved with original certification on 090481. B. EC 5A added by RC 22-129 on 092881. C. EC 4 & 8 deleted per RC 22-87, approved with original certification 090481. D. EC 5B & 6A added by RC 22-215 on 012782. E. EC 5C and ECM PN 16028942 added by RC 22-416 on 040582.