State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-212
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)
C1G5.7W4ACA1	305, 350 (5.0,5.7)	Air Injection - Pump Exhaust Gas Recirculation Three Way Catalyst System with Closed Loop

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
0.39	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
0.22	6.7	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 in El Monte, California this 6th day of August, 1981.

K. D. Drachand, Chief
Mobile Source Control Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corp. Executive Order No. A-6-212 Page 1

Engine Family C1G5.7W4ACA1 Evaporative Family 2B4-1B

Engine CID (Liters) 305, 350 (5.0, 5.7)

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

Div.	Basic Body	Trim	Body Type	Model
1				CHEVROLET
	B	L	35	Impala Station Wagon
		N	35	Caprice Classic Station Wagon
		L	47	Impala Sport Coupe
			69	Impala Sport Coupe
		N	47	Caprice Classic Sport Coupe
			69	Caprice Classic Sedan
	G	W	35	Malibu Classic Station Wagon
			69	Malibu Classic Sedan
			80	El Camino/Caballero
		Z	37	Monte Carlo Sport Coupe
	F	P	87	Camaro Sport Coupe
		S	87	Camaro Berlinetta Sport Coupe
2				PONTIAC
	F	S	87	Firebird
		W	87	Firebird T/A
		X	87	Firebird S/E

DRIVE SYSTEM: Rear Wheel.

ISSUED: 080681. 1B35 models added by RC 21-315, on 040982.

AIR RESOURCES BOARD 1982 SUPPLEMENTAL DATA SHEET - GM FORMAT
Gasoline-fueled Passenger Car

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-212

Engine Family C1G5.7W4ACA1 Engine CID 305,350 Transm. _____ (All 305 CID)

Exhaust Emission Control System AIP, EGR, TWC, CL

Eng. Code	Air Cond.	Electron. Control Module Part No.	Fuel System 4V Carburetor Part No.	EGR Valve Part No.	Equivalent Test Weight	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label Code	Rev. Notes
51	W	16017311, 16025941	17082204	17075617	4000	1 1	B B	L	47 69	A-3	CCM	C
					4250	1	B	N	69			
52	W/O		17082202		4000	1 1	B B		47 69			
53	W	16018761, 16025951	17082204	17075627	3875	1 1	G G		35 80			C
54	W/O		17082202		3875	1 1	G G		35 80			
57	W		17082204	17075617	3750	1	G		37			
					3875	1	G		69			
58	W/O		17082202		3750	1 1	G G		37 69			
59	W	16021041	17082204	17075627	3875	1	G		69			
59A		16023981, 16025961										A C
59B											CTD	B
60	W/O	16021041	17082202		3875	1	G		69		CCM	
60A		16023981, 16025961										A 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. Note: 350 CID on Page 3.

Date of Issue: 080681. Revisions: A. EC, 59A, 60A, 61A, 62A, 63A, 64A included in original certification, per RC 21-85, On 080681. B. EC 59B added by RC/FF 21-171, on 111681. C. Opt. ECMs added by RC 21-303, on 122281.

AIR RESOURCES BOARD 1982 SUPPLEMENTAL DATA SHEET - GM FORMAT
Gasoline-fueled Passenger Car

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-212

Engine Family C1G5.7W4ACA1 Engine CID See Engine Code Column

Exhaust Emission Control System AIP, EGR, TWC, CL

Eng. Code	Air Cond.	Electron. Control Module Part No. 1602	Fuel System 4V Carb. Part No. 1708	EGR Valve Part No.	Equivalent Test Weight	Divisions Footnote	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label Code	Rev. Notes
305	CID											
61	W	4451	2204	1707 5617	3500	2	F	S	87	A-3	CLC	
61A		4591,										A
61B		5971			3625	1	F		87			EH
						2	F	X	87			
62	W/O	4451	2202		3500	1 2	F		87			
62A		4591,										A
62B		5971										EH
63	W	4451	2204		3625	1 2	F		87			
63A		4591,										A
63B		5971										EH
64	WO	4451	2202		3500	1 2	F		87			
64A		4591,										A
64B		5971										EH
65	W	6531	2204	1705 8427	4500	1	B		35	A-4	CCM	G
	WO		2202		4500	1	B		35			G
350	CID											
73	W	3901,	2218	1707 5617	4250	1	B		47	A-4	CFM	
73A		5981				1	B		69		CTD	BE
74	WO		2216		4250	1	B		47			
						1	B		69			
305	CID											
81	W	5091	2207	1707 5617	3625	1 (1)	F	P	87	M-4	CMN	C
						2	F	WX	87			F
81A		6221,										D
81B		7301										EH
82	WO	5091	2203		3500	1 (1)	F	P	87			C
						2	F	WX	87			F
82A		6221,										D
82B		7301										EH

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.

(1) With 7-28

Date of Issue: 080681. Revisions: A. EC 61A, 62A, 63A, 64A included in original certification, per RC 21-85, on 080681. B. EC 73A added by RC/FF 21-171, on 101681. C. EC 81, 82 added by RC 21-140 on 102881. D. EC 81A, 82A added by RC 21-241 on 113081. E. Opt. ECMs added by RC 21-303, on 1222281. F. 2FX87 added by RC 21-276, on 011182. G. EC 65, 66 added by RC 21-315; H. EC 61B, 62B, 63B, 64B, 81B, 82B added by RC 21-356, on 040982.