State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-162-1
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; 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 General Motors Corporation exhaust emission control systems are certified as described below for 1980 model-year gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
02X2NC	151	Exhaust Gas Recirculation Three Way Catalyst with Closed Loop

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1980 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
02X2NC	0.25	3.9	0.5

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 except Motorcycles".

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 1980 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That General Motors Corporation has provided to the Executive Officer 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.

Executive Order A-6-162, dated March 6, 1979, is hereby rescinded.

Executed at El Monte, California this 29th day of August, 1979.

K. D. Drachand, Acting Chief
Mobile Source Control Division

1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer GENERAL MOTORS CORP. Executive Order No. A-6-162-1 Page 1

Engine Family 02X2NC Engine (CID) 151

Evap Family 0B6-2

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst
PAI-Pulse Air Injection
TR-Thermal Reactor
TWC-Three Way Catalyst

Special Features
CCAV-Combustion Chamber Air Valve
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbo Charged

Division	Basic Body	Trim	Body Type	
1				CHEVROLET
	H	M	07	Monza 2+2 H'Back Coupe
		R	07	Monza 2+2 Sport H' Back Coupe
		M	27	Monza Notch Back Cpe.
	X	X	08	Citation Hatchback Coupe
		H	11	Citation Coupe
		X	11	Citation Club Coupe
		X	68	Citation Hatchback Sedan
2				PONTIAC
	H	E	07	Sunbird Hatchback Coupe
		M	07	Sunbird Sport H'Back Coupe
		M	27	Sunbird Sport Coupe
		R	27	Sunbird Coupe
	X	Y	37	Phoenix Coupe
		Z	37	Phoenix SJ Coupe
		Y	68	Phoenix Hatchback Sedan
		Z	68	Phoenix SJ Sedan
3				OLDSMOBILE
	H	D	07	Starfire SX
		T	07	Starfire
	X	B	37	Omega Coupe
		E	37	Omega Broughham Coupe
		B	69	Omega Sedan
		E	69	Omega Brougham Sedan
4				BUICK
	X	B	37	Skylark Coupe
		C	37	Skylark Limited Coupe
		D	37	Skylark Sport Coupe
		B	69	Skylark Sedan
		C	69	Skylark Limited Sedan
		D	69	Skylark Sport Sedan

Issued: 030779. H-bodies added by RC 02-42, E.O. No. updated to A-6-162-1, on 083079. 2HE07 added by RC 02-179, on 021180.

AIR RESOURCES BOARD 1980 SUPPLEMENTAL DATA SHEET - GM FORMAT
Gasoline-fueled Passenger Car

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-162-1

Engine Family 02X2NC Engine CID 151 Transm. _____

Exhaust Emission Control System EGR, TWC +10% (A/C) Yes [X] No [ ]

Eng. Code	Air Cond.	Ign.Syst. EI,CA,VA Dist. Part No.	Fuel System 2V Carb. Part No.	EGR Valve Part No.	Test Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label	Rev. Notes
1,1A	W	Delco Remy 1110786	Rochester 17059716	17058357	2875		X		08	A-3	FH or P6	AC B
							X		11			
						3	X		37			
						4	X	BC	37			
							X		68			
						3 4	X	B	69			
					3000	2	X		37			
						4	X	D	37			
						2	X		68			
						3	X	E	69			
						4	X	CD	69			
1B		1110569	17059724	17064815	2875		X		08		P9	D
							X		11			
						3	X		37			
						4	X	BC	37			
							X		68			
						3 4	X	B	69			
					3000	2	X		37			
						4	X	D	37			
						2	X		68			
						3	X	E	69			
						4	X	CD	69			

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: 030779. Revisions: A. EC 1A added by RC 02-5, on 040979. B. Label P6 added by FF 02-8, on 041379. C. Models rearranged by test (vs inertia) weight class, EO No. updated to -1, on 083079. D. EC 1B added by RC 02-67; EC 2, 2A moved to Pg. 3, on 121379.

AIR RESOURCES BOARD 1980 SUPPLEMENTAL DATA SHEET - GM FORMAT
Gasoline-fueled Passenger Car

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-162-1 Pg. 3

Engine Family 02X2NC Engine CID 151 Transm. _____

Exhaust Emission Control System EGR, TWC +10% (A/C) Yes ☐ No ☐

Eng. Code	Air Cond.	Ign.Syst. EI,CA,VA Dist. Part No.	Fuel System 2V Carb. Part No.	EGR Valve Part No.	Test Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label	Rev. Notes
2,2A	WO	Delco Remy 1110786	Rochester 10759714	17058357	2875	1	X		08	A-3	FJ or P7	AC
						1	X		11			
						2 3 4	X		37			B
						1	X		68			
						3 4	X		69			
					3000	2	X		68			
2B		1110569	17059722	17064815	2875	1	X		08		P8	D
						1	X		11			
						2 3 4	X		37			
						1	X		68			
						3 4	X		69			
					3000	2	X		68			
3	W	1110783	17059717	17058357	2875	1	X		08	M-4	FK	
						1	X		11			
						3 4	X		37			
						1	X		68			
						3 4	X		69			
					3000	2	X		37			
						2	X		68			

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: Pg. 3, EC 3 added by RC 02-3, on 042779. A. EC 2A added by RC 02-5, on 040979. B. Label P7 added by FF 02-8, on 041379. C. Models rearranged by test (vs. inertia) weight class, EO No. updated to -1, on 083079. D. EC 2B added by RC 02-67; EC 4 thru 8 moved to new Pgs. 4 & 5, on 121379.

AIR RESOURCES BOARD 1980 SUPPLEMENTAL DATA SHEET - GM FORMAT
Gasoline-fueled Passenger Car

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-162-1

Engine Family 02X2NC Engine CID 151 Transm. _____

Exhaust Emission Control System EGR, TWC +10% (A/C) Yes ☐ No ☐

Eng. Code	Air Cond.	Ign.Syst. EI,CA,VA Distrib. Part No.	Fuel System 2V Carb. Part. No.	EGR Valve Part No.	Test Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label	Rev. Notes
3B	W	Delco Remy 1110570	Rochester 17059723	17070138	2875	1	X		08	M-4	TP	A
						1	X		11			
						3 4	X		37			
						1	X		68			
						3 4	X		69			
					3000	2	X		37			
						2	X		68			
4	WO	1110783	17059715	17058357	2750	3	X	B	37		FL	
					2875	1	X		08			
						1	X		11			
						2 4	X		37			
						3	X	E	37			
						1 2	X		68			
						3 4	X		69			
4B		1110570	17059721	17070138	2750	3	X	B	37		TN	A
					2875	1	X		08			
						1	X		11			
						2 4	X		37			
						3	X	E	37			
						1 2	X		68			
						3 4	X		69			

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: New Pg. 4 added for overflow from Pg. 3; A. EC 3B, 4B added by RC 02-162, on 121379.

E. O. Brock

AIR RESOURCES BOARD 1980 SUPPLEMENTAL DATA SHEET - GM FORMAT
Gasoline-fueled Passenger Car
Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-162-1 Pg. 5

Engine Family 02X2NC Engine CID 151 Transm. _____

Exhaust Emission Control System EGR, TWC +10% (A/C) Yes ☐ No ☐

Eng. Code	Air Cond.	Ign. Syst. EI,CA,VA Distrib. Part No.	Fuel System 2V Carb. Part No.	EGR Valve Part No.	Test Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label	Rev. Notes
5	W	Delco Remy 1110560	Rochester 17059776	17058401	3125	1 1 2	H H		07 27	A-3	P3	AC C C
					3250	2 3	H		07			
5A					3125	1 1 2	H H		07 27		R3	B
					3250	2 3	H		07			
6	WO		17059774		3125	1 2 3 1 2	H H		07 27		P2	C
6A					3125	1 2 3 1 2	H H		07 27		R2	B
7	W		17059777		3125	1 1 2	H H		07 27	M-4	TZ	C
					3250	2 3 2	H H		07 27			
8	WO		17059775		3125	1 2 3 1 2	H H		07 27		TY	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: New Pg. 5 added for overflow from Pg. 3, on 121379. A. H-bodies added by RC 02-42, on 083079. B. EC 5A, 6A added by RC 02-108, on 121879. C. Distributor, carburetor and EGR valve part numbers corrected 040381.