

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-136  
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 1979 model-year gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
920X2CEU	151	Exhaust Gas Recirculation Three-Way Catalyst

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 1979 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
920X2CEU	0.36	5.4	0.7

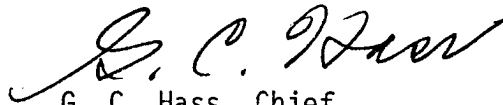
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

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, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-6 series.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 18 day of September, 1978.



G. C. Hass, Chief  
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer General Motors Corp. Executive Order No. A-6-136 Page 1

Engine Family 920X2CEU Engine (CID) 151

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance  
 EI-Electronic Ignition  
 ESAC  
 VA-Vacuum Advance  
 VR-Vacuum Retard

Exhaust Emissions Control System

AI-Air Injection  
 CCAV-Comb. Chamber Air Valve  
 EFI-Electronic Fuel Injection  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification

OC-Oxidation Catalyst  
 PAI-Pulse Air Injection  
 TC-Turbo Charged  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst  
 (Feedback Control)  
 WOC-Warm-up Oxidation  
 Catalyst

Fuel System

EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

ESAC-Electronic Spark Advance  
 Control  
 MFI-Mechanical Fuel Injection

EVAPORATIVE FAMILY 9B5-2

Division	Basic Body	Trim	Body Type	
1				<u>Chevrolet</u>
	H	M	07	Monza 2+2 Hatchback Coupe
			15	Monza Station Wagon
			27	Monza Notchback Coupe
			77	Monza "S" Hatchback Coupe
		R	07	Monza 2+2 Sport Hatchback Coupe
			27	Monza Sport Notchback Coupe
2				<u>Pontiac</u>
	H	E	27	Sunbird Coupe
		M	07	Sunbird Sport Hatchback Coupe
			15	Sunbird Sport Safari Station Wagon
			27	Sunbird Sport Coupe
3				<u>Oldsmobile</u>
	H	D	07	Starfire SX
		T	07	Starfire

AIR RESOURCES BOARD 1979 SUPPLEMENTAL DATA SHEET - GM FORMAT

Passenger Cars

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-136

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Engine Family 920X2CEU Engine CID 151 Transm. \_\_\_\_\_

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

Eng. Code	Air Cond.	Ign. Syst. CA, EI, VA Dist. Part No.	Fuel System 2V Carb. Part No.	EGR Valve Part No.	Inertia Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans- mission	Tune-up Label & Page No.	Rev. Notes
1a	W	Delco Remy 1103365	10009974 Holley	17061701	3000	123 12 12 1	H H H H		07 15 27 77	A-3	PN 4	A
2a	WO		10009973			123 12 12 1	H H H H		07 15 27 77		PP 4	A
3	W		Holley 10008492			123 12 12 1	H H H H		07 15 27 77		M-4 PR 3	
4	WO		10008491			123 12 12 1	H H H H		07 15 27 77		PS 3	

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 inertia weight class.

Date of Issue: 091878 Revisions: A. Eng. Codes 1a & 2a added by RC 92-75, on 110178.

Manufacturer: General Motors Corporation

Executive Order No. A-6-136 Pg. 3

**PR** VEHICLE EMISSION CONTROL INFORMATION  
GENERAL MOTORS CORPORATION

FOR USE  
LOW ALTITUDE  
CERTIFICATION

**CATALYST**

MANUAL TRANSMISSION	14" @ 1000
TUNING (RIT @ RPM)	
SPARK PLUG GAP (IN.)	0.040
SOLENOID SCREW (RPM)	1200 (N)
(SOLENOID ACTIVE)	
CARB SCREW (RPM)	1000 (N)
(SOLENOID INACTIVE)	
FAST IDLE SCREW (RPM)	2200 (N)

DIE MIXTURE SCREWS ARE PRESET AND SEALED AT THE FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE UP IS NOT PROVIDED. FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTINGS BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS. SEE SERVICE MANUAL, HOSE ROUTING DIAGRAM AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION.

THIS VEHICLE COMPLIES TO U.S., BPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS, PT. NO. 10008844

1. DISCONNECT AND PLUG THE VACUUM ADVANCE HOSE AT DISTRIBUTOR.
2. SET TO SPECIFIED TIMING AT OR BELOW RECOMMENDED IDLE SPEED.
3. RECONNECT VACUUM ADVANCE HOSE.
4. DISCONNECT AND PLUG PLURGE HOSE AT CAMSTER.
5. SET IDLE SPEED SCREW TO OBTAIN SPECIFIED RPM. TURN A/C CONTROL SWITCH ON, OPEN THROTTLE MOMENTARILY TO INSURE SOLENOID IS FULLY EXTENDED. SET SOLENOID ACTIVE IDLE SPEED BY ADJUSTING THE SOLENOID IDLE SCREW. TURN A/C OFF.
6. DISCONNECT AND PLUG EGR VACUUM HOSE AT EGR VALVE.
7. ADJUST FAST IDLE SCREW ON TOP STEP OF FAST IDLE CAM TO OBTAIN SPECIFIED RPM.
8. STOP ENGINE. RECONNECT EGR VACUUM HOSE, CAMSTER PLURGE HOSE AND A/C COMPRESSION CLUTCH CONNECTION.

**PS** VEHICLE EMISSION CONTROL INFORMATION  
GENERAL MOTORS CORPORATION

FOR USE  
LOW ALTITUDE  
CERTIFICATION

**CATALYST**

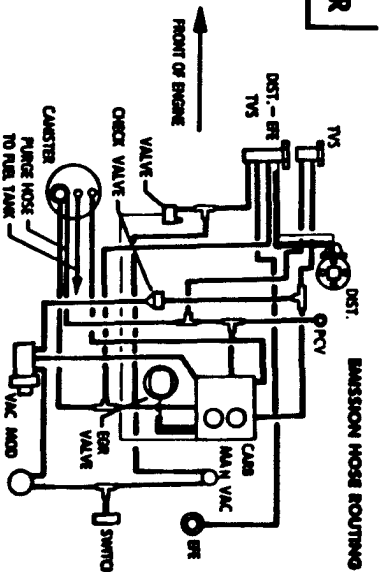
MANUAL TRANSMISSION	14" @ 1000
TUNING (RIT @ RPM)	
SPARK PLUG GAP (IN.)	0.040
SOLENOID SCREW (RPM)	1000 (N)
(SOLENOID ACTIVE)	
CARB SCREW (RPM)	500 (N)
(SOLENOID INACTIVE)	
FAST IDLE SCREW (RPM)	2200 (N)

DIE MIXTURE SCREWS ARE PRESET AND SEALED AT THE FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE UP IS NOT PROVIDED. FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTINGS BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS. SEE SERVICE MANUAL, HOSE ROUTING DIAGRAM AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION.

THIS VEHICLE COMPLIES TO U.S., BPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS, PT. NO. 10008847

1. DISCONNECT AND PLUG THE VACUUM ADVANCE HOSE AT DISTRIBUTOR.
2. SET SPECIFIED TIMING AT OR BELOW RECOMMENDED IDLE SPEED.
3. RECONNECT VACUUM ADVANCE HOSE.
4. DISCONNECT AND PLUG PLURGE HOSE AT CAMSTER.
5. SET THE SOLENOID IDLE SCREW TO OBTAIN SPECIFIED RPM WITH THE SOLENOID ACTIVE. DISCONNECT SOLENOID WIRE. SET IDLE SPEED SCREW TO OBTAIN SPECIFIED RPM WITH THE SOLENOID INACTIVE. RECONNECT SOLENOID WIRE.
6. DISCONNECT AND PLUG EGR VACUUM HOSE AT EGR VALVE.
7. ADJUST FAST IDLE SCREW ON TOP STEP OF FAST IDLE CAM TO OBTAIN SPECIFIED RPM.
8. STOP ENGINE. RECONNECT EGR VACUUM HOSE, AND CAMSTER PLURGE HOSE.

**PR** EMISSION HOSE ROUTING



**PS** EMISSION HOSE ROUTING

