EO Book

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.

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
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

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

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

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

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

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

EVAPORATIVE FAMILY 9B5-2

Division	Basic Body	Trim	Body Type	
1				Chevrolet
	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				Pontiac
	H	E	27	Sunbird Coupe
		M	07	Sunbird Sport Hatchback Coupe
			15	Sunbird Sport Safari Station Wagon
			27	Sunbird Sport Coupe
3				Oldsmobile
	H	D	07	Starfire SX
		T	07	Starfire

ISSUED: 091878.

AIR RESOURCES BOARD 1979 SUPPLEMENTAL DATA SHEET - GM FORMAT
Passenger Cars

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-136 Pg. 2

Engine Family 920X2CEU Engine CID 151 Transm. _____

Exhaust Emission Control System EGR, TWC +10% (A/C) Yes [X] 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.

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT

Manufacturer: General Motors Corporation Executive Order No. A-6-136 Pg. 3

PR 2.5 LITRE ★ 920X2CEU 985-2

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

EGR-EFE LOW ALTITUDE CERTIFICATION

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

DISCONNECT A/C COMPRESSOR CLUTCH CONNECTOR AND START ENGINE. MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, A/C OFF, MANUAL TRANSMISSION IN NEUTRAL — UNLESS OTHERWISE NOTED.

1. DISCONNECT AND PLUG THE VACUUM ADVANCE HOSE AT DISTRIBUTOR.
2. SET TO SPECIFIED TIMING AT OR BELOW RECOMMENDED IDLE SPEED.
1. RECONNECT VACUUM ADVANCE HOSE.
4. DISCONNECT AND PLUG PURGE HOSE AT CANISTER.
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, CANISTER PURGE HOSE AND A/C COMPRESSOR CLUTCH CONNECTOR.

CATALYST

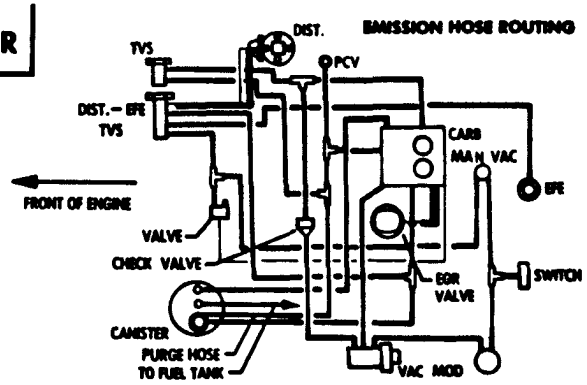
	MANUAL TRANSMISSION
TIMING (° BTC @ RPM)	14° @ 1000
SPARK PLUG GAP (IN.)	0.060
SOLENOID SCREW (RPM) (SOLENOID ACTIVE)	1200 (N)
CARB SCREW (RPM) (SOLENOID INACTIVE)	1000 (N)
FAST IDLE SCREW (RPM)	2200 (N)

IDLE MIXTURE SCREWS ARE PRESET AND SEALED AT THE FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE UP IS NOT PROVIDED. FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTING 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.

PRINTED IN U.S.A. THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS. PT. NO. 10008846

PR



PS 2.5 LITRE ★ 920X2CEU 985-2

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

EGR-EFE LOW ALTITUDE CERTIFICATION

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

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2. SET SPECIFIED TIMING AT OR BELOW RECOMMENDED IDLE SPEED.
3. RECONNECT VACUUM ADVANCE HOSE.
4. DISCONNECT AND PLUG PURGE HOSE AT CANISTER.
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 VACCUM HOSE AT EGR VALVE.
7. ADJUST FAST IDLE SCREW ON TOP STOP OF FAST IDLE CAM TO OBTAIN SPECIFIED RPM.
8. STOP ENGINE. RECONNECT EGR VACUUM HOSE, AND CANISTER PURGE HOSE.

CATALYST

	MANUAL TRANSMISSION
TIMING (° BTC @ RPM)	14° @ 1000
SPARK PLUG GAP (IN.)	0.060
SOLENOID SCREW (RPM) (SOLENOID ACTIVE)	1000 (N)
CARB SCREW (RPM) (SOLENOID INACTIVE)	500 (N)
FAST IDLE SCREW (RPM)	2200 (N)

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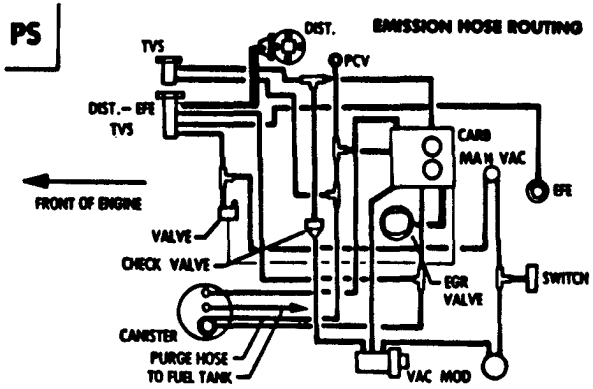
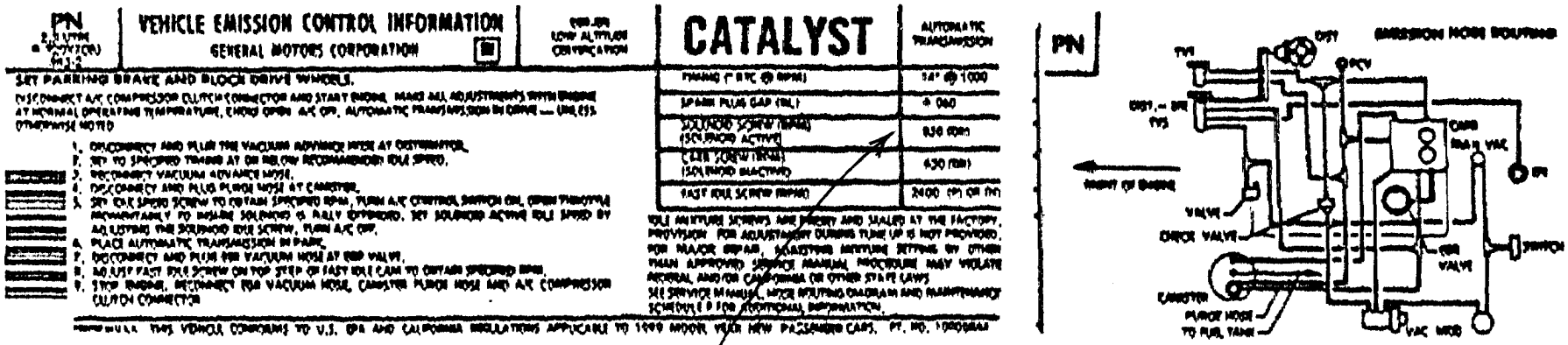


Sharp labels replaced blurred labels on 110178

Issued: 091878.

E.O. A-6-136
S.D. Sheet 3
E.F. 920X2CEU



PN

VEHICLE EMISSION CONTROL INFORMATION

GENERAL MOTORS CORPORATION

LOW ALTITUDE CERTIFICATION

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

DISCONNECT A/C COMPRESSOR CLUTCH CONNECTOR AND START ENGINE. MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, A/C OFF, AUTOMATIC TRANSMISSION IN DRIVE — UNLESS OTHERWISE NOTED

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 PURGE HOSE AT CANISTER.
5. SET IDLE SPEED SCREW TO OBTAIN SPECIFIED RPM, TURN A/C CONTROL SWITCH ON, OPEN THROTTLE PROMPTLY TO ENGAGE SOLENOID IS FULLY EXTENDED. SET SOLENOID ACTIVE IDLE SPEED BY ADJUSTING THE SOLENOID IDLE SCREW, TURN A/C OFF.
6. PLACE AUTOMATIC TRANSMISSION IN PARK.
7. DISCONNECT AND PLUG THE VACUUM HOSE AT EGR VALVE.
8. ADJUST FAST IDLE SCREW ON TOP STEP OF FAST IDLE CAM TO OBTAIN SPECIFIED RPM.
9. STOP ENGINE, RECONNECT EGR VACUUM HOSE, CANISTER PURGE HOSE AND A/C COMPRESSOR CLUTCH CONNECTOR

THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS. PT. NO. 1000[illegible]

CATALYST

	AUTOMATIC TRANSMISSION
TIMING (° BTC @ RPM)	14° @ 1000
SPARK PLUG GAP (IN.)	0.060
SOLENOID SCREW (RPM) (SOLENOID ACTIVE)	850 (DR)
IDLE SCREW (RPM) (SOLENOID INACTIVE)	650 (DR)
FAST IDLE SCREW (RPM)	2400 (P) OR (N)

IDLE MIXTURE SCREWS ARE PRESET AND SEALED AT THE FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE UP IS NOT PROVIDED. FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTING 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 P FOR ADDITIONAL INFORMATION.

PN

EMISSION HOSE ROUTING

PP

VEHICLE EMISSION CONTROL INFORMATION

GENERAL MOTORS CORPORATION

LOW ALTITUDE CERTIFICATION

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

START ENGINE, MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, AUTOMATIC TRANSMISSION IN DRIVE — UNLESS OTHERWISE SPECIFIED

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2. SET TO SPECIFIED TIMING AT OR BELOW RECOMMENDED IDLE SPEED.
3. RECONNECT VACUUM ADVANCE HOSE.
4. DISCONNECT AND PLUG PURGE HOSE AT CANISTER.
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. PLACE AUTOMATIC TRANSMISSION IN PARK.
7. DISCONNECT AND PLUG EGR VACUUM HOSE AT EGR VALVE.
8. ADJUST FAST IDLE SCREW ON TOP STEP OF FAST IDLE CAM TO OBTAIN SPECIFIED RPM.
9. STOP ENGINE, RECONNECT EGR VACUUM HOSE AND CANISTER PURGE HOSE.

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PP

EMISSION HOSE ROUTING

14° @ 1000
0.060
850 (DR)
650 (DR)
2400 (P) or (N)

14° @ 1000
0.060
650 (DR)
500 (DR)
2400 (P) or (N)

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S.D. Sheet 4
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