State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-135
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)
910W2KQU	98	Pulse Air Injection Exhaust Gas Recirculation Oxidation 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
910W2KQU	0.30	4.7	1.3

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.

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 23 day of August, 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-6-135 Page 1

Engine Family 910W2KQU Engine (CID) 98

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: 9B5-1

Division	Basic Body	Trim	Body Type	Chevrolet
1	T	B	08	Chevette Hatchback Coupe
	T	B	68	Chevette Hatchback Sedan
	T	J	08	Chevette "scooter" Hatchback Coupe

Issued: 082278.

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

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-135 Pg. 2

Engine Family 910W2KQU Engine CID 98 Transm. _____

Exhaust Emission Control System PAI -EGR-OC +10% (A/C) Yes [ ] No [X]

Eng. Code	Air Cond.	Ign. Syst. EI,VA,CA Distrib. Part No.	Fuel System 2V Carburetor Part No.	EGR Valve Part No.	Inertia Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label & Page No.	Rev. Notes
1	W/O	Delco-Remy 1110742	Holley 466367	17057038	2250	1	T		08	M-4	AT 3	
					2500		T		68			
2	W		466365		2250		T		08			
					2500		T		68			
5	W/O	1110760	466368	17057037	2250		T	J	08	A-3		A
					2500		T T	B	08 68			A
6	W		466366		2250		T	J	08			A
					2500		T T	B	08 68			A
9	W/O	1110759	466375	17057043	2250		T		08	M-4	C2 3	
					2500		T		68			
10	W		466373		2250		T		08			
					2500		T		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 inertia weight class.

Date of Issue: 082278. Revisions: A. Trim codes added to body type 08, on 021679.

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT

Manufacturer: General Motors Corporation Executive Order No. A-6-135 Pg. 3

AT
1.6 LITRE
(98 CU. IN.)
* 910W2KQU
98S-1

VEHICLE EMISSION CONTROL INFORMATION

GENERAL MOTORS CORPORATION

CATALYST
PAIR EGR
LOW ALTITUDE CERTIFICATION

	TRANSMISSION			
	AUTOMATIC W/O A/C	AUTOMATIC W A/C	MANUAL W/O A/C	MANUAL W A/C
TIMING (° BTC @ RPM)	16° @ 750	16° @ 750	12° @ 800	12° @ 800
SPARK PLUG GAP (IN.)	0.035	0.035	0.035	0.035
CURB IDLE SPEED (RPM)	750 (DR)	750 (DR)	800 (N)	800 (N)
SOLENOID ASM. ADJUSTMENT WITH AIR COND. (RPM)	——	1150 (P) OR (N)	——	1150 (N)
FAST IDLE SPEED (RPM)	2500 (P) OR (N)	2500 (P) OR (N)	2500 (N)	2500 (N)

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE FULL OPEN, AIR CLEANER REMOVED, THERMAC VACUUM SOURCE PLUGGED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED.

1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED.
2. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE AND CANISTER PURGE HOSE AT CANISTER. ADJUST CARBURETOR SPEED SCREW TO OBTAIN SPECIFIED CURB IDLE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
3. VEHICLES WITH AIR CONDITIONING — PLACE TRANSMISSION IN PARK OR NEUTRAL AND DISCONNECT ELECTRICAL LEAD FROM A/C COMPRESSOR. TURN AIR CONDITIONING SWITCH ON AND OPEN THROTTLE MOMENTARILY TO ASSURE SOLENOID IS FULLY EXTENDED. ADJUST SOLENOID SCREW TO SPECIFIED RPM. RECONNECT COMPRESSOR LEAD. TURN AIR CONDITIONING SWITCH OFF.
4. WITH TRANSMISSION IN PARK OR NEUTRAL, ADJUST FAST IDLE SCREW TO SPECIFIED SPEED ON HIGH STEP OF CAM. UNPLUG AND RECONNECT VACUUM HOSE TO EGR VALVE AND CANISTER PURGE HOSE TO CANISTER. UNPLUG THERMAC AND REPLACE AIR CLEANER.

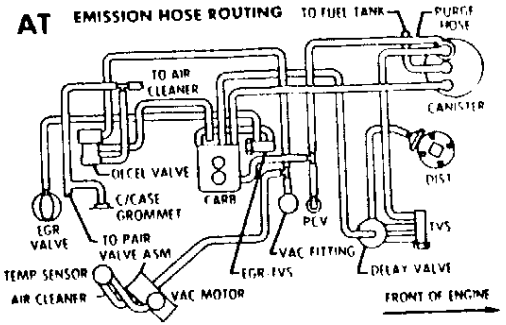
NOTE: IDLE MIXTURE SCREW IS PRESET AND SEALED AT FACTORY. PROVISION FOR ADJUSTMENT DURING TUNE UP IS NOT PROVIDED.

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, MAINTENANCE SCHEDULE II AND EMISSION HOSE ROUTING LABEL FOR ADDITIONAL INFORMATION.

THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS. PT. NO. 14004447

AT EMISSION HOSE ROUTING



C2
1.6 LITRE
(98 CU. IN.)
* 910W2KQU
98S-1

VEHICLE EMISSION CONTROL INFORMATION

GENERAL MOTORS CORPORATION

CATALYST
PAIR EGR
LOW ALTITUDE CERTIFICATION

	TRANSMISSION	
	MANUAL W/O A/C	MANUAL W A/C
TIMING (° BTC @ RPM)	12° @ 800	12° @ 800
SPARK PLUG GAP (IN.)	0.035	0.035
CURB IDLE SPEED (RPM)	800 (N)	800 (N)
SOLENOID ASM. ADJUSTMENT WITH AIR COND. (RPM)	——	1150 (N)
FAST IDLE SPEED (RPM)	2500 (N)	2500 (N)

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE FULL OPEN, AIR CLEANER REMOVED, THERMAC VACUUM SOURCE PLUGGED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED.

1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED.
2. DISCONNECT AND PLUG VACUUM HOSE AT EGR VALVE AND CANISTER PURGE HOSE AT CANISTER. ADJUST CARBURETOR SPEED SCREW TO OBTAIN SPECIFIED CURB IDLE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
3. VEHICLES WITH AIR CONDITIONING — PLACE TRANSMISSION IN NEUTRAL AND DISCONNECT ELECTRICAL LEAD FROM A/C COMPRESSOR. TURN AIR CONDITIONING SWITCH ON AND OPEN THROTTLE MOMENTARILY TO ASSURE SOLENOID IS FULLY EXTENDED. ADJUST SOLENOID SCREW TO SPECIFIED RPM. RECONNECT COMPRESSOR LEAD. TURN AIR CONDITIONING SWITCH OFF.
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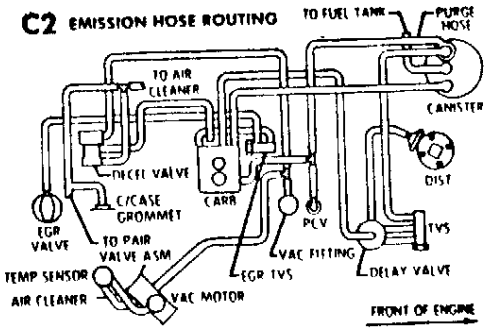
THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS. PT. NO. 14004478

C2 EMISSION HOSE ROUTING



E.O.A-6-135
Eng. Fam. 910W2KQU
S.D.Sheet 3

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