State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-147
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 for 1979 model-year gasoline-powered passenger cars are certified for the vehicles described below:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
910Y2V	305	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
910Y2V	0.29	5.3	1.5

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, 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 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-6-147 Page 1

Engine Family 910Y2V Engine (CID) 305

Evaporative Family 9B3-1

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

Division	Basic Body	Trim	Body Type	
1				Chevrolet
	B	L	47	Impala Coupe
	B	L	69	Impala Sedan
	B	N	47	Caprice Classic Coupe
	B	N	69	Caprice Classic Sedan
	X	X	17	Nova Hatchback Coupe
	X	X	27	Nova Coupe
	X	X	69	Nova Sedan
	X	Y	27	Nova Custom Coupe
	X	Y	69	Nova Custom Sedan
	F	Q	87	Camaro Sport Coupe
	F	S	87	Camaro Berlinetta Sport Coupe
	H	M	07	Monza 2+2 Hatchback Coupe
	H	M	27	Monza Notchback Coupe
	H	R	07	Monza 2+2 Sport Hatchback Coupe
	H	R	27	Monza Sport Notchback Coupe

Division	Basic Body	Trim	Body Type	
2				Pontiac
	F	S	87	Firebird
	F	T	87	Esprit
	F	U	87	Formula
	H	M	07	Sunbird Sport Hatchback Coupe
	H	M	27	Sunbird Sport Coupe
	H	E	27	Sunbird Coupe
	X	Y	17	Phoenix Hatchback Soupe
	X	Y	27	Phoenix Coupe
	X	Y	69	Phoenix Sedan
	X	Z	27	Phoenix LJ Coupe
	X	Z	69	Phoenix LJ Sedan
3				Oldsmobile
	H	D	07	Starfire SX
	H	T	07	Starfire

ISSUED: 082178
REVISED:

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

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No. A-6-147 Pg. 2

Engine Family 910Y2V Engine CID 305 Transm. _____

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

Eng. Code	Air Cond.	Ign.Syst. EI,CA,VA Distrib. 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	1103285 DelcoRemy	17059436 Rochester	17062416	4000	1 1	B B		47 69	A-3	CB 3	
2A	WO		17059434			1 1	B B		47 69			
3	W		17059436	17057407		12 12 12 12	F X X X		87 17 27 69			
4	WO		17059434			12 12 12 12	F X X X		87 17 27 69			
7	W		17059432	17057413	3500	123 12	H H		07 27		CC 3	
8	WO		17059430			123 12	H H		07 27			

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: 082178. Revisions:

CB
5.0 LITRE
(305 CU. IN.)
* 910Y2V
983-1

VEHICLE EMISSION CONTROL INFORMATION

GENERAL MOTORS CORPORATION

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED

1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
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.
3. WITH AIR CONDITIONING: DISCONNECT ELECTRICAL LEAD FROM AIR CONDITIONING COMPRESSOR. WITH AIR CONDITIONING SWITCH ON AND SOLENOID 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.

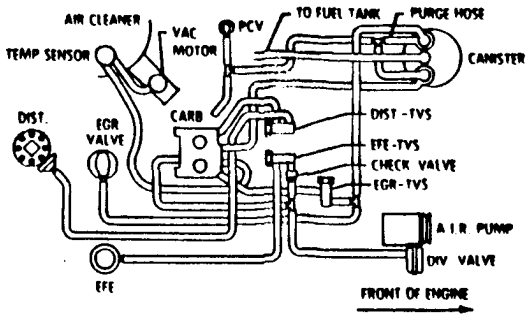
CATALYST

AIR EGR EFE
LOW ALTITUDE CERTIFICATION

TRANSMISSION	AUTOMATIC
TIMING (° BTC @ RPM)	4° @ 600
SPARK PLUG GAP (IN.)	0.045
CURB IDLE SPEED (RPM)	600 (DR)
SOLENOID ASM. ADJUSTMENT WITH AIR COND. (RPM)	650 (DR)
FAST IDLE SPEED (RPM)	1950 (P) OR (N)

NOTE: IDLE MIXTURE SCREWS ARE 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 AND MAINTENANCE SCHEDULE I FOR ADDITIONAL INFORMATION.

EMISSION HOSE ROUTING



THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS.

PT. NO. 14006781

CC
5.0 LITRE
(305 CU. IN.)
* 910Y2V
983-1

VEHICLE EMISSION CONTROL INFORMATION

GENERAL MOTORS CORPORATION

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

MAKE ALL ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE FULL OPEN, AIR CLEANER INSTALLED, AND AIR CONDITIONING OFF, EXCEPT WHERE NOTED

1. DISCONNECT AND PLUG VACUUM HOSE AT DISTRIBUTOR. SET IGNITION TIMING AT SPECIFIED ENGINE SPEED. UNPLUG AND RECONNECT VACUUM HOSE TO DISTRIBUTOR.
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.
3. WITH AIR CONDITIONING: DISCONNECT ELECTRICAL LEAD FROM AIR CONDITIONING COMPRESSOR. WITH AIR CONDITIONING SWITCH ON AND SOLENOID 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.

CATALYST

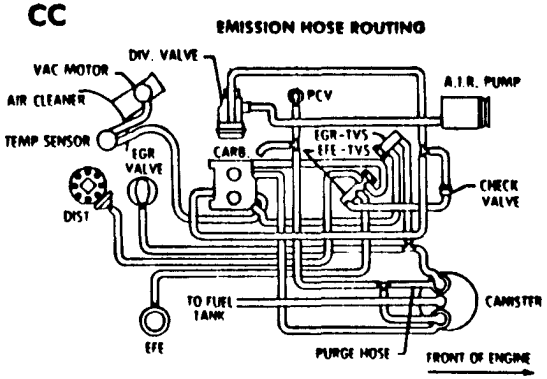
AIR EGR EFE
LOW ALTITUDE CERTIFICATION

TRANSMISSION	AUTOMATIC
TIMING (° BTC @ RPM)	2° @ 600
SPARK PLUG GAP (IN.)	0.045
CURB IDLE SPEED (RPM)	600 (DR)
SOLENOID ASM. ADJUSTMENT WITH AIR COND. (RPM)	650 (DR)
FAST IDLE SPEED (RPM)	1950 (P) OR (N)

NOTE: IDLE MIXTURE SCREWS ARE 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 I AND EMISSION HOSE ROUTING LABEL FOR ADDITIONAL INFORMATION.

CC

EMISSION HOSE ROUTING



THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS

PT. NO. 14006782

E.O. A-6-147 S. D. Sheet 3
Eng. Fam. 910Y2V

Issued: 082178.