State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-142 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)
910L4RU	305, 350	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	Carbon Monoxide	Nitrogen Oxides
	Grams per Mile	Grams per Mile	Grams per Mile
910L4RU	0.27	5.4	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 day of August, 1978.

G. C. Hass, Chief

Vehicle Emissions Control Division

Manufacturer <u>GENERAL MOTOR</u>	S CORP. Executive Order No. A-6-142	Page 1	
Engine Family 910L4RU	Engine (CID) 305, 350		
Evaporative Family 9B4-1			
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)	
Fuel System EFI, MFI nV-nVenturi Carburetor	ESAC-Electronic Spark Advance Control MFI-Mechanical Fuel Injection	WOC-Warm-up Oxidation Catalyst	
VV-Variable Venturi	9004 4 PE		
Chevrolet Models	DIVISION BASIC BOOK TRIM Phoenix Hatchback Coupe Phoenix Coupe	X Y 17 · 27 · •	
Malibu Sedan Malibu Notchback Coupe Malibu Calssic Sedan Malibu Classic Notchback Coupe	1 A T 19 - Phoenix Sedan 27 - Phoenix LJ Coupe H 19 - Phoenix LJ Sedan 27 - Oldsmobile Models	69 · 2 27 · - 69 ·	
 Malibu Wagon Malibu Classic Wagon Caballero Pickup Delivery El Camino Pickup Delivery 	T 35 P Omega Hatchback Coupe Omega Coupe Omega Sedan Omega Brougham Coupe	3 X B 17 · 27 · 69 · E 27 · •	
Monte Carlo Sport Coupe Impala Coupe Impala Sedan Caprice Classic Coupe Caprice Classic Sedan	Z 37 . Omega Brougham Sedan B L 47 . Cutlass Salon Sedan Cutlass Salon Coupe Cutlass Salon Brougham Cutlass Salon Brougham	A G 09 87 • Sedan J 09 •	
Impala Wagon Caprice Classic Wagon	Cutlass Salon Brougham L 35 Cutlass Supreme Coupe Cutlass Supreme Brougha	R 47	
Camaro Sport Coupe Camaro Berlinetta Sport Coupe	F Q 87 · · Cutlass Calais Coupe S · · Cutlass Brougham Cruise		
Nova Hatchback Coupe Nova Coupe Nova Sedan	X X 17 · Cutlass Cruiser 27 · Buick Models 69 ·	G	
Nova Custom Coupe Nova Custom Sedan	Y 27 · . Century Special Sedan 69 · Century Special Coupe	4 A E 09 • 87 •	
Corvette "Fastback" Sport Coupe Pontiac Models	Y Z 87 · · Century Custom Sedan Century Custom Coupe Century Sport Coupe Century Limited Sedan	H 09 . 87 . 6 87 . 1 09 .	
LeMans Sedan LeMans Coupe LeMans Safari Station Wagon	2 A D 19. • Century Limited Coupe 27 • 35 Regal Coupe Regal Limited Coupe	87 . J 47 . M .	
Grand LeMans Sedan Grand LeMans Coupe	F 19 - • Century Special Wagon • Century Custom Wagon	E 35	
4 Grand LeMans Safari Station Wagon Grand AM Sedan	35 Skylark Hatchback Coupe Skylark Coupe	x B 17 - 27	
Grand AM Coupe Grand Prix SJ	G 19 · · Skylark Sedan 27 · · Skylark Custom G H 37 · Hatchback Coupe	69 · C 17 ·	
Grand Prix Grand Prix LJ	J Skylark Custom Coupe K Skylark Custom Sedan	27 · · 69 ·	
ISSUED 082178.	Skylark 'S' Coupe	W 27	

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

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No.A-6- 142 Pg. 2

Engine Family 910L4RU Engine CID 305 Transm. Auto-3

+10% (A/C) Yes X Exhaust Emission Control System AI-EGR-OC No Body EGR Valve Air Fuel System Eng. Ign.Syst Inertia Wt. Class Divisions Code Cond. EI, CA, VA Part No. 4v Trans-mission Tune-up Label & Page No. Basic Dist. Carb. Part No. Part No. 1 Delco Rochester 3500 1234 CF 4 A · 09 A-3 17059504 17057419 Remv 19 1103368 27 47 1A 17059507 87 37 37 G W/0 2 17059502 1234 A 09 19 27 47 2A 17059505 87 37 G 37 3 W 17059504 17059420 4000 1234 Α 35 3A 1 80 17059507 W/0 4 17059502 1234 35 A 1 80 4A 17059505

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: A. EC 1A, 2A, 3A & 4A added by RC 91-89, on 110678.

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

Manufacturer: GENERAL MOTORS CORPORATION Executive Order No.A-6- 142

Pg. 3

Engine Family 910L4RU Engine CID 350 Transm. Auto-3

+10% (A/C) Yes X Exhaust Emission Control System AI-EGR-OC No Fuel System EGR Valve Air Ign.Syst Inertia Wt. Class Eng. Divisions Tune-up Label & Page No. Code Cond. EI,CA,VA Part No. Trans-mission Basic Dist. Carb. Body Trim Part No. Part No. W 4000 11 Delco Rochester 1 В 47 A-3 CN 17057420 Remy 69 1103285 17059504 Α 19 27 11A 17059507 Α 1234 X 17 27 69 12 1 W/0 17059502 В 47 69 19 Α 27 12A 17059505 Α 1234 X 17 27 69 15 W 17059504 17057423 4500 1 В 35 4000 F 87 Α 17059507 15A Y 87 CR 16 W/0 17059502 1 4500 В 35 4 CN 4000 1 F 87 16A 17059505 Υ 87 CR 4 87 В 17 17062066 Υ W 17059504 17A 17059507 87 17059502 18 WO 18A 17059505

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: A. EC 11A, 12A, 15A & 16A added by RC 91-89, on 110678. B. EC 17, 17A, 18 & 18A added by RC91-119, on 111478.

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

VEHICLE EMISSION CONTROL INFORMATION

FINERAL MOTORS CORPORATION

FINERAL MOTORS CORPORATION

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

DISCOMMECT AND PLUG VACUUM HOSE AT DISTRIBUTION. SET IGNITION TIMMIG AT SPECIFED INCHES SPEED LIMPLUG AND RECOMMECT VACUUM HOSE TO DISTRIBUTIOR.

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CANISTER PURCE HOSE TO CANISTER

Manufacturer: General Motors Corporation

Executive Order No. A-6-142

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 VEHICLE EMISSION CONTROL INFORMATION

GENERAL MOTORS CORPORATION

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CANISTER PURGE HOSE TO CANISTER.

STATE OF CANA

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

PT NO 14006783

SET PARKING BRAKE AND BLOCK DRIVE WHEELS.

VEHICLE EMISSION CONTROL INFORMATION

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SPARK PLUG GAP (IN.)

TIMING (" BTC @ RPM)

OW ALTITUDE CERTIFICATION

TRANSMISSION

AUTOMATIC

90 SO

0.045

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600 (Det)

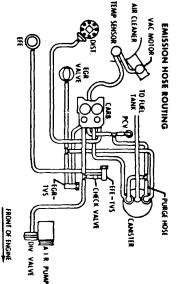
500 (DR)

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

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1600 (P) OR (N) 600 (DR) 500 (DR) 0.045

4. ® 200 RANSMISSION AIR CLEANER



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

SPARK PLUG GAP (IN.) FAST IDLE SPEED (RPM) SOLENOID ASM. ADJUSTMENT WITH ASR COND. (RPM) CURB IDLE SPEED (RPM) TIMING (* BTC @ RPM) 600 (P) OR (N) TRANSMISSION 600 (DR) 500 (DR) AUTOMATIC 8" @ 500 0.045 TEMP SENSOR CR EMISSION HOSE ROUTING VAC MOTOR -AJR CLEANES TO FUEL TANK -DIST.

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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, MARNITHANCE SCHEDULE I AND EMISSION OF THE STATE LAWS. CHEDULE II AND EMISSION

THIS VEHICLE CONFORMS TO U. S. EPA AND CALIFORMA REGULATIONS APPLICABLE TO 1979 MODEL YEAR NEW PASSENGER CARS PT. NO. 14006789

Reduce to 9.25"

2" X 9 1/4" - 2 pc. Label

DIV. VALVE

A.I.R. PUMP

Fam. 910L4RU .gn3 Jead2.0.2 E.O.A-6-142

PT. NO. 14006788

PURCE HOSE

FRONT OF ENGINE

-CHECK VALVE