EO book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-116
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 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: 830H2AU
Engine: 260 CID
Transmission: 3-speed automatic
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
830H2AU	0.16	2.4	1.3

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (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.

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

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 19 day of August, 1977.

G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET-GM FORMAT

Manufacturer GENERAL MOTORS CORPORATION Executive Order No. A-6-116 Page 1

Engine Family 830H2AU Engine (CID) 260

ABBREVIATIONS

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition

Fuel System
EFI
nV-nVenturi Carburetor

Exhaust Emission Control
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation

ESAC-Electronic Spark Advance Control
OC-Oxidation Catalyst

PAI-Pulse Air Injection
TC-Turbo Charged
TWC-Three Way Catalyst (Feedback Control)

Division	Basic Body	Trim	Body Type		
2				Pontiac	
	A	F	19	Grand LeMans	Sedan
		D	19	LeMans	Sedan
		F	27	Grand LeMans	Coupe
		D	27	LeMans	Coupe
	G	J	37	Grand Prix	
3				Oldsmobile	
	A	J	09	Cutlass Salon Brougham	Sedan
		G	09	Cutlass Salon	Sedan
		M	47	Cutlass Supreme Brougham	Coupe
		K	47	Cutlass Calais	Coupe
		R	47	Cutlass Supreme	Coupe
		J	87	Cutlass Salon Brougham	Coupe
		G	87	Cutlass Salon	Coupe

Issued: 081977.
Pontiac models added by RC 83-160;
Tune-up label moved to Pg. 3, on 042178.

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT

Passenger Cars

Manufacturer: General Motors Corporation Executive Order No. A-6-116 Pg. 2

Engine Family 830H2AU Engine (CID) 260 Transm. _____

Exhaust Emission Control System AI,EGR,OC +10% (A/C) Yes ☒ No ☐

Eng. Code	Air Cond.	Distrib. Type HEI C,V Mfgr. Part No.	Fuel System 2V Mfgr. Part No.	EGR System Part No. Service	Inertia Wt. Class	Divisions	Basic Body	Trim	Body Type	Trans-mission	Tune-up Label & Page No.	Rev. Notes
1	W	DelcoRemy 1103320 1103262	Rochester 17058450	17056386 No Service	3500	3	A		09	A-3	HC 3	C
						3	A		47			
						3	A		87			
1a, 1b, 1c				17056383		3	A		09			A
						2	A	D	19			DFB
						2	A	D	27			DE
						3	A		47			
						3	A		87			
						2	G		37			D
					4000	2	A	F	19			D
						2	A	F	27			D
2	WO			17056386	3500	3	A		09			
						3	A		47			
						3	A		87			
2a, 2b, 2c				17056383		3	A		09			A
						2	A		19			DFB
						2	A		27			DE
						3	A		47			
						3	A		87			
						2	G		37			D

Comments All models have special road load HP settings. See page one for abbreviations.

Date of Issue: 081977. Revisions: A. Eng. Codes 1a,2a added by RC 83-95 on 091677. B. EC 1B & 2B added by RC 83-162, on 010478. C. Tune-up label Pg. No. was 1, D. Pontiac models added by RC 83-160, E. EC 1c & 2c added by RC 83-189, F. EC 1B & 2B corrected to 1b & 2b, on 042178.

Manufacturer GENERAL MOTORS CORPORATION Executive Order No. A-6-116 Page 3

Engine Family 830H2AU Engine (CID) 260

Early Production label moved from Pg. 1,
Late Production label added, on 042178.

EARLY PRODUCTION

HC
260 CU. IN.
830H2AU/8BDV

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

ECATALYST-E.G.R.-A.I.R.
LOW ALTITUDE CERTIFICATION

SET PARKING BRAKE AND BLOCK DRIVE WHEELS

MAKE ADJUSTMENTS WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE FULLY OPEN AND WHERE APPLICABLE AIR CONDITIONING OFF.

1. DISCONNECT MOLDED CONNECTOR FROM AIR CLEANER TVS SWITCH, PLUG VACUUM SOURCE Ⓘ ON CONNECTOR AND REMOVE AIR CLEANER.
2. DISCONNECT VACUUM HOSES FROM PORTS Ⓚ, Ⓜ AND Ⓝ ON CARBURETOR AND PLUG PORTS.
3. SET TIMING AT SPECIFIED RPM, IN PARK.
4. ADJUST CARBURETOR IDLE SPEED SCREW TO SPECIFIED RPM, IN DRIVE.
5. ADJUST CARBURETOR FAST IDLE SPEED SCREW TO SPECIFIED RPM ON LOW STEP OF CAM, IN PARK.
6. ON AIR CONDITIONED CARS — AFTER COMPLETING ABOVE ADJUSTMENTS, DISCONNECT ELECTRICAL CONNECTOR AT A/C COMPRESSOR CLUTCH, TURN A/C SWITCH ON AND ADJUST SOLENOID (ENERGIZED) SCREW TO SPECIFIED RPM, IN DRIVE. TURN A/C SWITCH OFF. RECONNECT ELECTRICAL CONNECTOR.
7. RECONNECT HOSES TO PORTS Ⓚ, Ⓜ AND Ⓝ ON CARBURETOR.
8. INSTALL AIR CLEANER AND RECONNECT MOLDED CONNECTOR TO TVS SWITCH.

TIMING(DEG. BTDC @ RPM)		18° @1100 (IN PARK)
SPARK PLUGS	GAP	.060 IN.
	TYPE	AC R46SZ
CARBURETOR SCREW(RPM)		500 (IN DRIVE)
FAST IDLE SCREW(RPM)		800 (IN PARK)
SOLENOID SCREW(RPM)		650 (IN DRIVE)
CHOKE SETTING		2 N.R.

IDLE MIXTURE SCREWS ARE PRESET AND CAPPED AT FACTORY. DO NOT BREAK CAPS. ADJUSTMENT DURING TUNE-UPS NOT RECOMMENDED.

FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS.

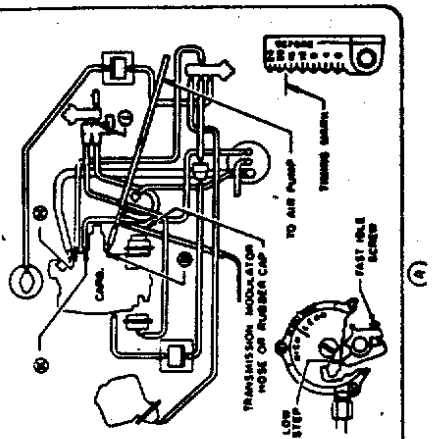
SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE II FOR ADDITIONAL INFORMATION.

PRINTED IN U.S.A.

THIS VEHICLE CONFORMS TO U.S. EPA AND CALIFORNIA REGULATIONS APPLICABLE TO 1978 MODEL YEAR NEW MOTOR VEHICLES.

PART NO. 360418

EMISSION HOSE ROUTING



(A)

LATE PRODUCTION

HC
260 CU. IN.
830H2AU/8BDV

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

ECATALYST-E.G.R.-A.I.R.
LOW ALTITUDE CERTIFICATION

SET PARKING BRAKE AND BLOCK DRIVE WHEELS

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6. ON AIR CONDITIONED CARS — AFTER COMPLETING ABOVE ADJUSTMENTS, DISCONNECT ELECTRICAL CONNECTOR AT A/C COMPRESSOR CLUTCH, TURN A/C SWITCH ON AND ADJUST SOLENOID (ENERGIZED) SCREW TO SPECIFIED RPM, IN DRIVE. TURN A/C SWITCH OFF. RECONNECT ELECTRICAL CONNECTOR.
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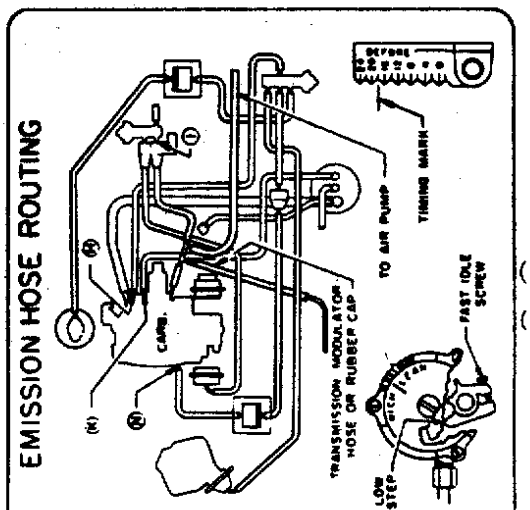

Issued: 042178.