State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-122
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: 860VO
Engine: 425 CID
Transmission: 3-speed Automatic
Exhaust Emission Control Systems: Air Injection, Electronic Fuel 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
860VO	0.27	3.9	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 23 day of August, 1977.

G. C. Hass

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-6-122 Page 1

Engine Family 860VO Engine (CID) 425

ABBREVIATIONS

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

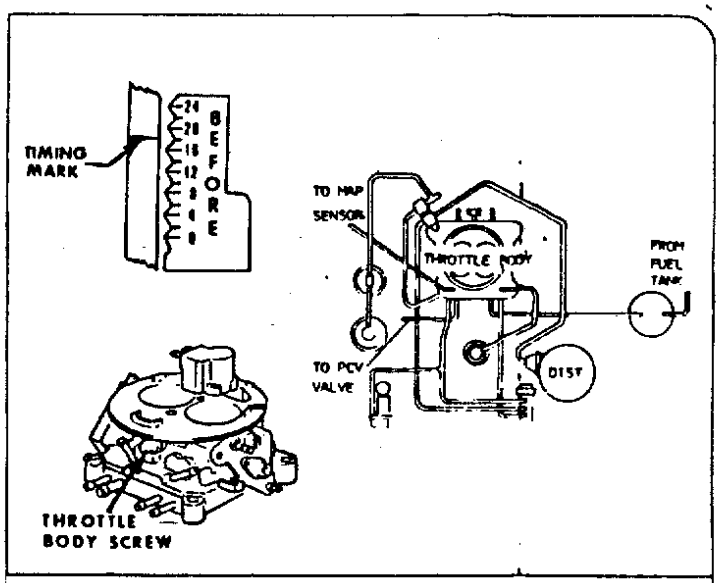
Fuel System
EFI
nV-nVenturi Carburetor

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	
6				CADILLAC
	C	D	47	DeVille Coupe
	C	D	69	DeVille Sedan
	C	B	69	Brougham



PART NO. 1613397

KM 860VO 88A 425 CU.IN.

VEHICLE EMISSION CONTROL INFORMATION
GENERAL MOTORS CORPORATION

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

TIMING (DEG. B.T.D.C. @ R.P.M.)	10 @ 1400
SPARK PLUG GAP (INCHES)	.060
THROTTLE BODY SCREW (R.P.M.)	650

1. PLACE TRANSMISSION IN PARK AND BLOCK DRIVE WHEELS.
2. DISCONNECT AND PLUG VACUUM LINE TO PARKING BRAKE RELEASE TO PREVENT AUTOMATIC RELEASE OF PARKING BRAKE WHEN SHIFTING TRANSMISSION IN STEP 7.
3. SET PARKING BRAKE.
4. WITH ENGINE AT NORMAL OPERATING TEMPERATURE, AIR CLEANER OFF AND AIR CONDITIONER OFF MAKE ENGINE ADJUSTMENTS AS FOLLOWS:
5. DISCONNECT AND PLUG DISTRIBUTOR VACUUM LINE.
6. WITH TRANSMISSION IN "PARK" SET TIMING AT SPECIFIED R.P.M.
7. RECONNECT DISTRIBUTOR VACUUM LINE. PLACE TRANSMISSION IN "DRIVE" AND ADJUST THROTTLE BODY SCREW TO SPECIFIED R.P.M.

NOTE: DO NOT DEPRESS SERVICE BRAKE PEDAL WHILE SETTING IDLE SPEEDS.

8. RECONNECT PARKING BRAKE RELEASE LINE.

SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE I FOR ADDITIONAL INFORMATION

ELECTRONIC FUEL INJECTION

NO ADJUSTMENT PROVISIONS EXIST FOR IDLE FUEL MIXTURE.

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

Cont'd above

Issued: 081977

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT

Passenger Cars

Manufacturer: General Motors Corporation Executive Order No. A-6-122 Pg. 2

Engine Family 860VO Engine (CID) 425 Transm. _____

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

Eng. Code	Air Cond.	Distrib. Type HEI, C.V. Mfgr. Part No.	Fuel System EFI 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
2	W	Delco Remy 1103335	Bendix 1612947 (E.C.U.)	7044591 No Service	4500	6	C		47	A-3	KM 1	A
						6	C		69			
					5000	6	C		69			

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

Date of Issue 081977. Revisions: A. Distrib. PN corrected 121577.