State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-92-2
Relating to Certification of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That General Motors Corporation exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: 760V4S
Engine: 425 CID
Transmission: 3-speed automatic
Exhaust Emission Control Systems: Air injection, Exhaust gas recirculation, Early fuel evaporation, Oxidation catalyst

Models: Cadillac

Formal Limousine
Commercial Chassis

BE IT FURTHER RESOLVED: That this certification is contingent upon General Motors Corporation affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon General Motors Corporation listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

These vehicles are in addition to those previously certified for this engine family.

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 17 day of December, 1976.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET - GM FORMAT

(X) Passenger Cars ( ) Light-Duty Trucks

Manufacturer GENERAL MOTORS CORPORATION Executive Order No. A-6-92 Page 1

Engine Family 760V4S Engine (CID) 425 Transm.

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

Divisions	Basic Body	Trim	Body Type	Transmission Type & Code	Inertia Weight	Distributor Type HEI C,V Mfgr. Part Number	Fuel System 1-4V Mfgr. Part Number	EGR System Part No. Service*	Engine Code	Tune-Up Label Ident. & Page No.
6	C		69	A-3	4500(1) 5000(2)	Delco	Rochester 17057530	7044099 No Service	1 1B	KC 2 KP 2
6	C		47		5000					
6	D		23			1103277				
6	C		47			1103298		7044377	1A	KP 2
6	C		69							
6	D		23							
6	D		33		5500					
6	Z		90		5500+					
6	E		47		5500	1103300	17057533 17057530		2A	

Model Code Breakdown:

6 C D 47

Division — Basic Body — Trim — Body Type

Division	Basic Body	Trim	Body Type	
6				CADILLAC
	C	D	47	De Ville Coupe
		D	69	De Ville Sedan
		B	69	Brougham
	D	F	33	Formal Limousine
		F	23	Limousine
	E	L	47	Eldorado
	Z	Z	90	Commercial Chassis

Comments Please discard "Last Page" (Model Codes & Models) issued 081776.
(1) With Aluminum hood. (2) With Steel hood.

Date of Issue 081776. 6E 47 added by RC76-41, on 090276. Engine Code 1B & label KP added by RC76-91, format revised 101276. Engine Code 1A, models 6D 33, 6Z 90 added by RC76-63, Engine code 2A Carb. & EGR valve PNs & tune-up label correct, format revised 120976. 4500 lb. I.W.C. added by RC76-220, on 032577.

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
HEI-High Energy Ignition
EI-Electronic Ignition

Fuel System
EFI, Electronic Fuel Injection

Exhaust Emission Control System
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
FI-Fuel Injection
OC-Oxidation Catalyst

*Service
I-Inspect, repair/replace as needed
R-Replace

VEHICLE EMISSION CONTROL LABEL

KC 760V4S
425 CU. IN.

VEHICLE EMISSION CONTROL INFORMATION

CADILLAC DIVISION GENERAL MOTORS CORPORATION

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

TIMING (DEG. B.T.D.C. @ R.P.M.)	18 @ 1400
SPARK PLUG GAP (INCHES)	.060
CARBURETOR SCREW (R.P.M.)	600
FAST IDLE SCREW (R.P.M.)	1500

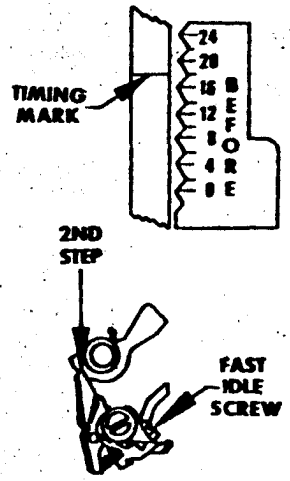
WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, AIR CLEANER ON, AIR CONDITIONING OFF, AND AIR LEVELING COMPRESSOR DISCONNECTED WITH THE VACUUM LINE PLUGGED, IF SO EQUIPPED, MAKE ENGINE ADJUSTMENTS AS FOLLOWS:

1. DISCONNECT AND PLUG VACUUM LINE TO PARKING BRAKE RELEASE TO PREVENT AUTOMATIC RELEASE OF PARKING BRAKE WHEN SHIFTING TRANSMISSION IN STEPS 4 AND 6.
2. SET PARKING BRAKE AND BLOCK WHEELS.
3. DISCONNECT AND PLUG DISTRIBUTOR AND EGR VALVE VACUUM LINES.
4. PLACE TRANSMISSION IN "PARK" AND SET TIMING AT SPECIFIED R.P.M.
5. WITH TRANSMISSION IN "PARK" SET FAST IDLE TO SPECIFIED R.P.M. WITH CAM ON SECOND STEP.
6. RECONNECT DISTRIBUTOR AND EGR VALVE VACUUM LINES. PLACE TRANSMISSION IN "DRIVE" AND ADJUST CARBURETOR SCREW TO SPECIFIED R.P.M.
   NOTE: DO NOT DEPRESS SERVICE BRAKE PEDAL WHILE SETTING IDLE SPEEDS.
7. RECONNECT AIR LEVELING COMPRESSOR AND PARKING BRAKE RELEASE LINES.

SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE I FOR ADDITIONAL INFORMATION.

NOTE

IDLE MIXTURE SCREWS ARE PRESET AND CAPPED AT FACTORY. DO NOT REMOVE CAPS. ADJUSTMENT DURING TUNE-UP IS NOT RECOMENDED. FOR MAJOR REPAIR, ADJUSTING MIXTURE SETTING BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS.



THIS VEHICLE CONFORMS TO U.S.E.P.A., AND WHERE APPLICABLE CALIFORNIA, REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.

PART NO. 1611461

Was page 2 & 3, label KP added, consolidated 120976.

KP 760V4S
425 CU. IN.

VEHICLE EMISSION CONTROL INFORMATION

CADILLAC DIVISION GENERAL MOTORS CORPORATION

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

TIMING (DEG. B.T.D.C. @ R.P.M.)	18 @ 1400
SPARK PLUG GAP (INCHES)	.060
CARBURETOR SCREW (R.P.M.)	600
FAST IDLE SCREW (R.P.M.)	1500
IDLE SOLENOID SCREW (R.P.M.)	675

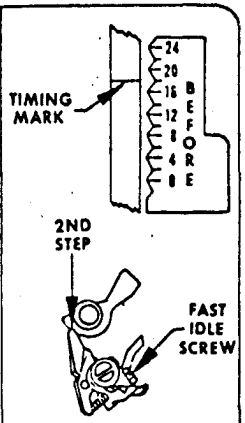
WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHOKE OPEN, AIR CLEANER ON, AIR CONDITIONER OFF, AND AIR LEVELING COMPRESSOR DISCONNECTED WITH THE VACUUM LINE PLUGGED (IF SO EQUIPPED), MAKE ENGINE ADJUSTMENTS AS FOLLOWS:

1. DISCONNECT AND PLUG VACUUM LINE TO PARKING BRAKE RELEASE TO PREVENT AUTOMATIC RELEASE OF PARKING BRAKE WHEN SHIFTING TRANSMISSION IN STEPS 4 AND 6.
2. SET PARKING BRAKE AND BLOCK WHEELS.
3. DISCONNECT AND PLUG DISTRIBUTOR AND E.G.R. VALVE VACUUM LINES.
4. PLACE TRANSMISSION IN "PARK" AND SET TIMING AT SPECIFIED R.P.M.
5. WITH TRANSMISSION IN "PARK", SET FAST IDLE TO SPECIFIED R.P.M. WITH CAM ON SECOND STEP.
6. RECONNECT DISTRIBUTOR AND E.G.R. VALVE VACUUM LINES. PLACE TRANSMISSION IN "DRIVE" AND ADJUST CARBURETOR SCREW TO SPECIFIED R.P.M.
   NOTE: DO NOT DEPRESS SERVICE BRAKE PEDAL WHILE SETTING IDLE SPEEDS.
7. ON MODELS WITH IDLE SOLENOID, DISCONNECT ELECTRICAL CONNECTOR AT FRONT OF AIR CONDITIONER COMPRESSOR. TURN AIR CONDITIONER TO "AUTO" POSITION. OPEN THROTTLE SLIGHTLY TO EXTEND IDLE SOLENOID. ADJUST IDLE SOLENOID SCREW TO SPECIFIED R.P.M. RECONNECT AIR CONDITIONER COMPRESSOR.
8. RECONNECT AIR LEVELING COMPRESSOR AND PARKING BRAKE RELEASE LINES.

SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE I FOR ADDITIONAL INFORMATION.

NOTE

IDLE MIXTURE SCREWS ARE PRESET AND CAPPED AT FACTORY. DO NOT REMOVE CAPS. ADJUSTMENT DURING TUNE-UP IS 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.



THIS VEHICLE CONFORMS TO U.S.E.P.A., AND WHERE APPLICABLE CALIFORNIA, REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.

PART NO. 1612502