

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.

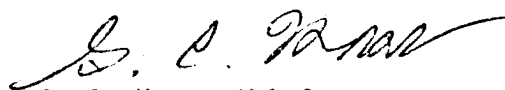
BE IT FURTHER RESOLVED: That this certification is also contingent upon General Motors Corporation listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

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, Chief
Vehicle Emissions Control Division

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

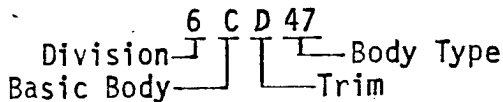
Engine Family 760V4S Engine (CID) 425 Transm. _____

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

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

6	Division	Basic Body	Trim	Body Type
				<u>CADILLAC</u>
	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

Model Code Breakdown:



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 1b. 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
VEHICLE EMISSION CONTROL INFORMATION

CADILLAC DIVISION

GENERAL MOTORS CORPORATION

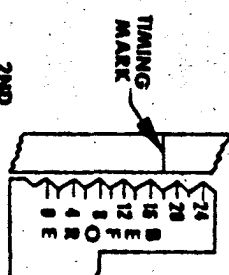
GM
CATALYST A.I.R.-E.G.R.-E.F.E.
LOW ALTITUDE CERTIFICATION

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.
 7. RECONNECT AIR LEVELING COMPRESSOR AND PARKING BRAKE RELEASE LINES.
- NOTE: DO NOT DEPRESS SERVICE BRAKE PEDAL WHILE SETTING IDLE SPEEDS.
- SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE 1 FOR ADDITIONAL INFORMATION.

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

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 SETTINGS BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS.



PART NO. 1617461

KP
760V4S
VEHICLE EMISSION CONTROL INFORMATION

CADILLAC DIVISION

GENERAL MOTORS CORPORATION

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

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 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.

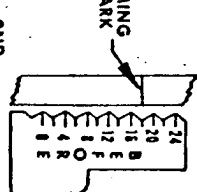
TIMING (DEG. B.T.D.C. @ R.P.M.)	18 @ 1400
SPARK PLUG GAP (INCHES)	.060
CARBURETOR SCREW (R.P.M.)	600
FAST IDLE SCREW (R.P.M.)	1500
IDLE SOLENOID SCREW (R.P.M.)	675

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 1 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 SETTINGS 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

Was page 2 as consolidated 120976. Label KP added.