

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.

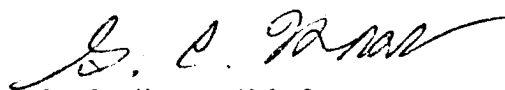
BE IT FURTHER RESOLVED: That this certification is also contingent upon General Motors Corporation listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

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

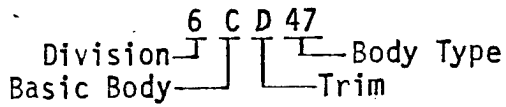
Engine Family 760V4S Engine (CID) 425 Transm. \_\_\_\_\_

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

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

| Division | Basic Body | Trim | Body Type             |
|----------|------------|------|-----------------------|
| 6        |            |      | <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                  | Exhaust Emission Control System       | FI-Fuel Injection                   |
| Distributor                    | AI-Air Injection                      | OC-Oxidation Catalyst               |
| C-Centrifugal Advance          | CAI-Catalyst Air Injection            | *Service                            |
| V-Vacuum Advance               | EFI-Electronic Fuel Injection         | I-Inspect, repair/replace as needed |
| HEI-High Energy Ignition       | EGR-Exhaust Gas Recirculation         | R-Replace                           |
| EI-Electronic Ignition         | EM-Engine Modification                |                                     |
| Fuel System                    | EFE-Early Fuel Evaporation            |                                     |
| EFI, Electronic Fuel Injection | ESAC-Electronic Spark Advance Control |                                     |

VEHICLE EMISSION CONTROL LABEL

**KC**  
**760V4S**  
**VEHICLE EMISSION CONTROL INFORMATION**

CADILLAC DIVISION

GENERAL MOTORS CORPORATION

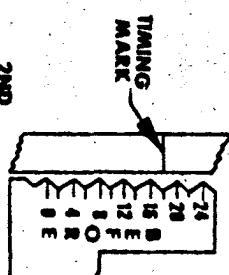
**CATALYST A.I.R.-E.G.R.-E.F.E.**  
**LOW ALTITUDE CERTIFICATION**

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**

**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.

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

|                                 |           |
|---------------------------------|-----------|
| 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**  
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 label KP added, consolidated 120976.