State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-115-1
Relating to Certification of New Motor Vehicles

TRADITIONAL COACH WORKS, LTD.

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 Traditional Coach Works, Ltd. exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: GM 760V4S
Engine: 425 CID
Transmission: 3-Speed Automatic
Exhaust Emissions Control Systems: Air Injection, Early Fuel Evaporation, Exhaust Gas Recirculation, Oxidation Catalyst

Model: Coupe de Roi

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
GM 760V4S	0.26	3.9	1.4

BE IT FURTHER RESOLVED: That this certification is contingent upon Traditional Coach Works, Ltd. 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 Traditional Coach Works, Ltd. listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

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 22 day of September, 1976.

G. C. Hass

G. C. Hass, Chief
Division of Vehicle Emissions Control

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Manufacturer Traditional Coach Works, Ltd Executive Order No. A-115-1 Page 1

Engine Family GM 760V4S Engine (CID) 425 Engine Code

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

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type Mfgr. Part Number	Fuel System Type 1-4V Mfgr. Part Number	EGR System Part No. Service*	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Coupe de Roi	A-3	5500	Delco Remy 1103300	Rochester 17057530	7044099 (no service	See GM Tune-up label No. KC

Comments This model uses a dynamometer setting of 9.1 H.P.

Date of Issue 09/20/76

Abbreviations

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

Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

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
PAI-Pulse Air Injection
RC-Reduction Catalyst
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor

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

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[X] Passenger Cars [ ] Light-Duty Trucks

Engine Family GM 760V4S

VEHICLE EMISSION CONTROL LABEL

KG 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

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:

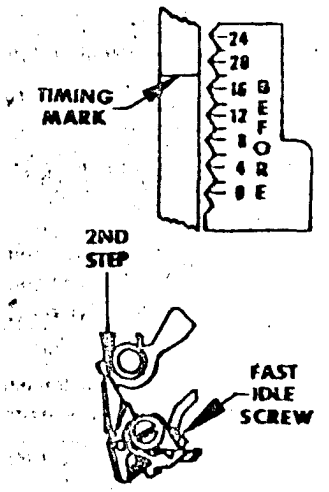
TIMING (DEG. B.T.D.C. @ R.P.M.)	18 @ 1400
SPARK PLUG GAP (INCHES)	.060
CARBURETOR SCREW (R.P.M.)	600
FAST IDLE SCREW (R.P.M.)	1500

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

Label Location

Top center of fan shroud