

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:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
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.

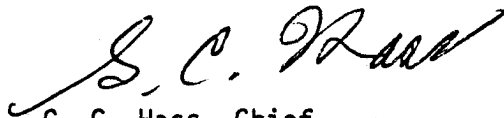
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Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

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, Chief
Division of Vehicle Emissions Control

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 No

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor	Fuel System	EGR System	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
			Type Mfgr. Part Number	Type 1-4V Mfgr. Part Number	Part No. Service*	
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

Engine Family GM 760V4S

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VEHICLE EMISSION CONTROL LABEL

KGC 760V4S		VEHICLE EMISSION CONTROL INFORMATION		GM	
425 CU. IN. CADILLAC DIVISION		GENERAL MOTORS CORPORATION		CATALYST-A.I.R.-E.G.R.-E.F.E. LOW ALTITUDE CERTIFICATION	
WITH ENGINE AT NORMAL OPERATING TEMPERATURE, CHECK OPEN AIR CLEANER OR AIR CONDITIONING OFF, AND AIR LEVELING COMPRESSOR DISCONNECTED WITH THE VACUUM LINE PLUGGED, IF SO EQUIPPED, MAKE ENGINE ADJUSTMENTS AS FOLLOWS:		TIMING (D.B. B.T.D.C. @ R.P.M.)	18 @ 1400	IDLE MIXTURE SCREWS ARE PRESET AND CAPPED AT FACTORY. DO NOT REMOVE CAPS. ADJUSTMENT SHOULD BE MADE IF NOT RECOMMENDED. FOR ENGINE REPAIR, ADJUST MIXTURE SETTINGS BY OTHER THAN APPROVED SERVICE MANUAL PROCEDURE MAY VIOLATE FEDERAL AND/OR CALIFORNIA OR OTHER STATE LAWS.	
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.		SPARK PLUG GAP (INCHES)	.060	NOTE	
2. SET PARKING BRAKE AND BLOCK WHEELS.		CARBURETOR SCREW (R.P.M.)	600	FAST HOLE SCREW	
3. DISCONNECT AND PLUG DISTRIBUTOR AND EGR VALVE VACUUM LINES.		FAST IDLE SCREW (R.P.M.)	1500	2ND STEP	
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.		PART NO. 1611461			
7. RECONNECT AIR LEVELING COMPRESSOR AND PARKING BRAKE RELEASE LINES.		SEE SERVICE MANUAL AND MAINTENANCE SCHEDULE FOR ADDITIONAL INFORMATION.			
THE VEHICLE CONFORMS TO U.S.E.P.A. AND WHERE APPLICABLE CALIFORNIA REGULATIONS APPLICABLE TO 1977 MODEL YEAR NEW MOTOR VEHICLES.					

Label Location

Top center of fan shroud