

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-41
Relating to Certification of New Motor Vehicles

CHRYSLER 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 Chrysler Corporation exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: CD-440-4HP-FP

Engine: 440 CID

Transmission: 3-Speed Automatic

Exhaust Emission Control Systems: Air Injection, Engine Modification,
Exhaust Gas Recirculation, Oxidation
Catalyst

Models: Dodge

Monaco
Monaco Brougham
Monaco Police

Plymouth

Fury
Fury Salon
Fury Police

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> |
|----------------------|--|---|---|
| CD-440-4HP-FP | 0.31 | 3.5 | 1.4 |

BE IT FURTHER RESOLVED: That this certification is contingent upon Chrysler 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 Chrysler 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.

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 July, 1976.



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

Manufacturer Chrysler Corporation Executive Order No. A-9-41 Page 1
 Engine Family CD-440-4HP-FP Engine (CID) 440 Engine Code; A-H-1 & A-H-2
 Emission Control System AI-EM-EGR-OC +10%(A/C) Yes No

| Vehicle Models (If Coded see attachment) | Trans | Inertia Weight | Distributor Type C,V,EI 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 |
|--|-------|----------------|--|--|------------------------------|---|
| Dodge Monaco Monaco Brougham Monaco Police Plymouth Fury Fury Salon Fury Police | A/T3 | 5000 | Chrysler 3874173 | Carter <u>4027770</u> (for engine code <u>A-H-2</u>) Carter 4027740 (for original engine code A-H-1) | 3830120 | (1) 8° + 2° BTDC @ 750 RPM in Neutral; Vacuum Disconnected and Plug @ distributor. (2) 1.0 (0 ≤ CO ≤ 2)% CO measured @ upstream of catalyst tap @ 750 RPM in Neutral with AI disconnected and plugged (3) Normal idle speed 750 ± 100 RPM in Neutral. |

Comments Revised 1-10-77
 See RC #75 Dated 12-23-76.

Date of Issue July 20, 1976

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