

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-124  
Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1984 model-year Chrysler Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks and medium-duty vehicles:

| <u>Engine Family</u> | <u>Displacement<br/>Cubic Inches (Liters)</u> | <u>Exhaust Emission Control Systems<br/>(Special Features)</u>                           |
|----------------------|---|--|
| ECR3.7T1HDSO         | 225 (3.7)                                     | Air Injection - Pump<br>Exhaust Gas Recirculation<br>Three-Way Catalyst with Closed Loop |

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the certification emission standards for this engine family to be listed on the window decal required by "California Assembly-Line Test Procedures for 1983 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles":

| <u>Equivalent<br/>Inertia<br/>Weight</u> | <u>Hydrocarbons<br/>Grams per Mile</u> | <u>Carbon Monoxide<br/>Grams per Mile</u> | <u>Nitrogen Oxides<br/>Grams per Mile</u> |
|--|--|---|---|
| 4000-5999                                | 0.50                                   | 9.0                                       | 1.0                                       |

The following are the certification emission values for the above engine family:

| <u>Equivalent<br/>Inertia<br/>Weight</u> | <u>Hydrocarbons<br/>Grams per Mile</u> | <u>Carbon Monoxide<br/>Grams per Mile</u> | <u>Nitrogen Oxides<br/>Grams per Mile</u> |
|--|--|---|---|
| 4000-5999                                | 0.44                                   | 3.6                                       | 0.9                                       |

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

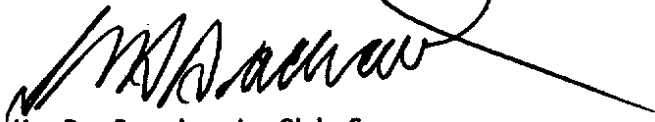
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 14<sup>th</sup> day of July, 1983.

  
K. D. Drachand, Chief  
Mobile Source Control Division

Manufacturer Chrysler Executive Order No. A-9-124  
 Engine Family ECR3.7T1HDSO Evaporative Family ECRTH & ECRTI  
 Engine CID (Liters) 225 (3.7)

**ABBREVIATIONS**

Ignition System

Exhaust Emissions Control System

Special Features

CA-Centrifugal Advance  
 EEC-Electronic Engine Control  
 EI-Electronic Ignition  
 ESAC-Electronic Spark Advance Control  
 VA-Vacuum Advance  
 VR-Vacuum Retard

AIP-Air Injection-Pump  
 AIV-Air Injection-Valve  
 CL-Closed Loop  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification  
 OC-Oxidation Catalyst System  
 TR-Thermal Reactor  
 TWC-Three-Way Catalyst System

CCV-Combustion Chamber Valve  
 CFI-Central Fuel Injection  
 DID-Diesel Injection-Direct  
 DIP-Diesel Injection-Prechamber  
 EFI-Electronic Fuel Injection  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

Fuel System

CFI, CL, DID, DIP, EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

VEHICLE MODELS:

CARLINE

B150  
 B250

Dodge B150 Van; Dodge B150 Wagon  
 Dodge B250 Van; Dodge B250 Wagon

D100  
 D150

Dodge D100  
 Dodge D150

DRIVE SYSTEM: Front (N.S.) Engine/ Rear -Wheel Drive

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A -9-124

Passenger Cars  Light-Duty Trucks  Medium-Duty Vehicles  Gas  Diesel

Manufacturer Chrysler

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Engine Family ECR3.7T1HDSO

Engine

Code M-1; M-2; A-1

ECS (Special Features) AIP, EGR, TWC, CL

CID (Liter)-

Type 225(3.7)-In Line 6

| Engine Code | Vehicle Models (If Coded see attachment) | Trans.  | Equiv. Test Weight | Ign. System ESA/EFC Part No. | Fuel System 1V Part No. | EGR Valve Part No. | Label Ident. Part No. |
|-------------|--|---------|--------------------|------------------------------|-------------------------|--------------------|-----------------------|
| M-1         | D150                                     | M4 O.D. | 3750               | 04289324<br>04289356         | 04287069                | 04287555           | VECI<br>4288301       |
|             | D150                                     |         | 3875               |                              |                         |                    | VAC. HOSE<br>4300340  |
|             | B150; B250                               |         | 4000               |                              |                         |                    |                       |
| M-2         | B150; B250                               |         | 4250               |                              |                         | 04287557           |                       |
| A-1         | D150                                     | A3      | 3750               | 04289326<br>04289357         | 04287070                | 04287553           |                       |
|             | D150                                     |         | 3875               |                              |                         |                    |                       |
|             | B150; B250                               |         | 4000               |                              |                         |                    |                       |
| A-2         | B150; B250                               |         | 4250               |                              |                         | 04287552           |                       |
|             | B250                                     |         | 4500               |                              |                         |                    |                       |

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

\*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 07/06/83