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:

| Engine Family | Displacement Cubic Inches (Liters) | | Exhaust Emission Control Systems (Special Features) |
|---|---|---|---|
| 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":

| Equivalent Inertia Weight | Hydrocarbons Grams per Mile | Carbon Monoxide Grams per Mile | Nitrogen Oxides Grams per Mile |
|---|---|---|---|
| 4000-5999 | 0.50 | 9.0 | 1.0 |

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

| Equivalent Inertia Weight | Hydrocarbons Grams per Mile | Carbon Monoxide Grams per Mile | Nitrogen Oxides Grams per Mile |
|---|---|---|---|
| 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 14th day of July, 1983.

K. D. Drachand, Chief
Mobile Source Control Division

# 1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET



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

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

Fuel System

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

Exhaust Emissions Control System

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

Special Features

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

| VEHICLE MODELS: | CARLINE |
|---|---|
| B150 | Dodge B150 Van; Dodge B150 Wagon |
| B250 | Dodge B250 Van; Dodge B250 Wagon |
| D100 | Dodge D100 |
| D150 | Dodge D150 |

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

122182

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# 1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

__ Passenger Cars X Light-Duty Trucks X Medium-Duty Vehicles X 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 4288301 |
| | D150 | | 3875 | | | | VAC. HOSE 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.

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