

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-107
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 Order G-45-3, and G-45-4;

IT IS ORDERED AND RESOLVED: That 1983 model-year Chrysler Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars.

| <u>Engine Family</u> | <u>Displacement Cubic Inches (Liters)</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|---|---|
| DCR2.2V2HCL7 | 134 (2.2) | Air Injection - Pump Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop |

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

| <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|--|---|---|
| 0.41 | 7.0 | 0.7 |

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

| <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|--|---|---|
| 0.38 | 4.3 | 0.6 |

BE IT FURTHER RESOLVED: That the listed models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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.

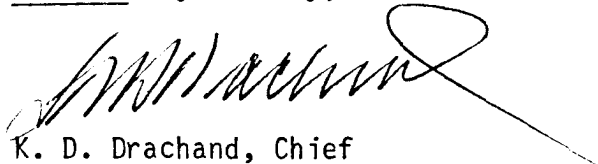
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

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 18th day of July, 1982.


K. D. Drachand, Chief
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Chrysler Executive Order No. A-9-107 Page 1
 Engine Family DCR2.2V2HCL7 Evaporative Family DCRKA
 Engine CID (Liters) 134 (2.2)

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
 MFI-Mechanical Fuel Injection
 TC-Turbocharged

Vehicle Model

Carline

EH41;ES41

Dodge 600

DL21;DH21;DL41;DH41
 DH45;DP45

Dodge Aries
 Dodge Aries Wagon

VP22;VP41
 VP27

Dodge 400
 Dodge 400 Convertible

PL21;PH21;PL41;PH41
 PH45;PP45

Plymouth Reliant
 Plymouth Reliant Wagon

MH24;MP24
 ME44;MH44

Plymouth TC3/Turismo
 Plymouth Horizon

ZH24;ZP24
 ZE44;ZH44

Dodge 024
 Dodge Omni

TH41
 TP41
 CP22;CP41
 CP27
 CP45

Chrysler E Class*
 Chrysler New Yorker
 Chrysler LeBaron
 Chrysler LeBaron Convertible
 Chrysler Town & Country Wagon

DRIVE SYSTEM: Front Engine. Front Wheel Drive.

Revised: * 08/11/82 (Running Change 32C dated 08/05/82. Sales Name Change.)

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

 Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas DieselManufacturer Chrysler E.O. #A9-107Engine Family DCR2.2V2HCL7 CID (liter) - Type 134 (2.2) - In Line 4ECS (Special Features) AIP, TWC, CL, EGR

| Engine Code | Vehicle Models (If Coded see attachment) | Transmission | Ign. System | Fuel System | EGR Valve | Label |
|-------------|--|--------------|-------------|-------------|-------------------------------|----------------------|
| | | | ESA/EFC | 2V | | Ident. |
| | | | Part No. | Part No. | Part No. | Part No. |
| M-9 | ME;MH 44 | M4 | 5213838 | 4227371 | 4275421 | VECI 4275171 |
| | ZE;ZH 44 | M5 | | | 4287421 4300421 | |
| M-10 | MH;ZH 24 | M4 | | | | Vac. Hose 4227739 |
| | PL;PH 21 DL;DH 21 PL;PH 41 DL;DH 41 PH;PP 45 DH;DP 45 | | | | | |
| M-11 | MH;MP 24 ZH;ZP 24 PH;DH 21 PH;DH 41 PH;PP 45 DH;DP 45 VP;CP 22 | M5 | | | 4275405 4287405 4300405 | |
| | ES 41 | | | | | |
| *M-18 | ZS 24 | | 5213882 | 4227398 | 4275421 4287421 4300421 | |

Comments: See page one for abbreviations and evaporative emission family identification.

Date of Issue - 06/28/82

Revisions: *01/03/82 (Running Change 60C) dated 12/22/82. Addition of Model)

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Chrysler E.O. #A-9-107

Engine Family DCR2.2V2HCL7 CID (liter) - Type 134 (2.2) - In Line 4

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

| Engine Code | Vehicle Models (If Coded see attachment) | Transmission | Ign. System | Fuel System | EGR Valve | Label Ident. |
|-------------|--|--------------|---------------------|--------------------|-------------------------------|---|
| | | | ESA/EFC Part No. | 2V Part No. | Part No. | Part No. |
| A-9 | MH;ZH 24 MP;ZP 24 ME;ZE 44 MH;ZH 44 PL;DL 24 PH;DH 21 PL;DL 41 PH;DH 41 | A3 | 5213836 | 4227372 4227373 | 4275404 4287404 4300404 | VECI 4275171 Vac. Hose 4227739 |
| A-10 | PH;PP 45 DH;DP 45 VP;CP 22 CP;VP 41 EH;ES 41 TH;TP 41 CP;VP 27 | | | | 4275422 4287422 4300422 | |
| A-11 | CP 45 | | | | 4275423 4287423 4300423 | |

Comments: See page one for abbreviations and evaporative emission family identification.

Date of Issue - 06/28/82
Revisions:

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Chrysler E.O. #A-9-107

Engine Family DCB2.2V2HCL7 CID (liter) - Type 134 (2.2) - In Line 4

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

| Engine Code | Vehicle Models (If Coded see attachment) | Transmission | Ign. System ESA/EFC Part No. | Fuel System 2V Part No. | EGR Valve Part No. | Label Ident. Part No. |
|-------------|--|--------------|------------------------------------|-------------------------------|-------------------------------|--------------------------|
| M-13 | ME;MH 44 ZE;ZH 44 | M4 M5 | 5213860 | 4227371 | 4275421 4287421 4300421 | VECI 4275171 |
| M-14 | MH;ZH 24 PL;PH 21 DL;DH 21 PL;Ph 41 DL;DH 41 PH;PP 45 DH;DP 45 | M4 | | | | Vac. Hose 4227739 |
| | MH;MP 24 ZH;ZP 24 PH;DH 21 PH;DH 41 PH;PP 45 DH;DP 45 VP;CP 22 | M5 | | | | |
| M-11 | ES 41 | | 5213838 | | 4275405 4287405 4300405 | |
| M-15 | | | 5213860 | | 4287402 4300402 | |

Comments: See page one for abbreviations and evaporative emission family identification.

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Chrysler E.O. #A-9-107

Engine Family DCR2.2V2HCL7 CID (liter) - Type 134 (2.2) - In Line 4

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

| Engine Code | Vehicle Models (If Coded see attachment) | Transmission | Ign. System ESA/EFC Part No. | Fuel System 2V Part No. | EGR Valve Part No. | Label Ident. Part No. |
|-------------|--|--------------|------------------------------------|-------------------------------|-------------------------------|---|
| A-12 | MH;ZH 24 MP;ZP 24 ME;ZE 44 MH;ZH 44 PL;DL 24 PH;DH 21 PL;DL 41 PH;DH 41 | A3 | 5213858 | 4227395 | 4275404 4287404 4300404 | VECI 4275171 Vac. Hose 4227739 |
| A-13 | PH;PP 45 DH;DP 45 VP;CP 22 CP;VP 41 EH;ES 41 TH;TP 41 CP;VP 27 | | | | 4275422 4287422 4300422 | |
| A-14 | CP 45 | | | | 4275423 4287423 4300423 | |

Comments: See page one for abbreviations and evaporative emission family identification.

Date of Issue - 09/02/82 (R.C. #49C dated 08/24/82: Revise ESA/EFC calibration and add Revisions: carburetor throttle kicker).

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Chrysler E.O. #A -9-107

Engine Family DCR2.2V2HCL7 CID (liter) - Type 134 (2.2) - In Line 4

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

| Engine Code | Vehicle Models (If Coded see attachment) | Transmission | Ign. System | Fuel System | EGR Valve | Label |
|-------------|--|--------------|-------------|-------------|-------------------------------|---|
| | | | ESA/EFC | 2V | | Ident. |
| | | | Part No. | Part No. | Part No. | Part No. |
| A-15 | MH;ZH 24 MP;ZP 24 ME;ZE 44 MH;ZH 44 PL;DL 24 PH;DH 21 PL;DL 41 PH;DH 41 | A3 | 5213858 | 4227395 | 4275404 4287404 4300404 | VECI 4275171 Vac. Hose 4227739 |
| A-16 | PH;PP 45 DH;DP 45 VP;CP 22 CP;VP 41 EH;ES 41 TH;TP 41 CP;VP 27 | | | | 4275422 4287422 4300422 | |
| A-17 | CP 45 | | | | 4275423 4287423 4300423 | |

Comments: See page one for abbreviations and evaporative emission family identification.

Date of Issue - 09/02/82 (R.C. 49CA dated 08/24/82: Add carburetor throttle kicker.)
Revisions:

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Chrysler E.O. #A-9-107

Engine Family DCR2.2V2HCL7 CID (liter) - Type 134 (2.2) - In Line 4

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

| Engine Code | Vehicle Models (If Coded see attachment) | Transmission | Ign. System | Fuel System | EGR Valve | Label Ident. |
|-------------|--|--------------|---------------------|--------------------|-------------------------------|---|
| | | | ESA/EFC Part No. | 2V Part No. | Part No. | Part No. |
| A-18 | MH;ZH 24 MP;ZP 24 ME;ZE 44 MH;ZH 44 PL;DL 24 PH;DH 21 PL;DL 41 PH;DH 41 | A3 | 5213858 | 4287092 4287093 | 4275404 4287404 4300404 | VECI 4275171 Vac. Hose 4227739 |
| A-19 | PH;PP 45 DH;DP 45 VP;CP 22 CP;VP 41 EH;ES 41 TH;TP 41 CP;VP 27 | | | | 4275422 4287422 4300422 | |
| A-20 | CP 45 | | | | 4275423 4287423 4300423 | |

Comments: See page one for abbreviations and evaporative emission family identification.

Date of Issue - 09/29/82 (R.C. 55C dated 09/20/82: Revise carburetor - richer choke.)
Revisions:

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer CHRYSLER E.O. # A-9-107

Engine Family DCR2.2V2HCL7 CID (liter) - Type 134 (2.2) - In Line 4

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

| Engine Code | Vehicle Models (If Coded see attachment) | Transmission | Ign. System | Fuel System | EGR Valve | Label Ident. |
|-------------|---|--------------|---------------------|----------------|-------------------------------|---|
| | | | ESA/EFC Part No. | 2V Part No. | Part No. | Part No. |
| *M-19 | ZS 24 | M5 | 5213968 | 4227371 | 4275421 4287421 4300421 | VECI 4275171 Vac. Hose 4227739 |
| **M-20 | | | 5213976 | | | |
| ***M-21 | | | | 4227398 | | |

Comments: See page one for abbreviations and evaporative emission family identification.

Date of Issue - *02/14/83 - (Running Change 90C dated 02/01/83. Revise ESA & Release Revisions: RN12YC Spark Plug.)

**03/16/83 - (Running Change 88C dated 03/09/83. Revise ESA calibration & Releases the M-20 Engine Code for all L-cars)

***04/12/83 - (Running Change 93C dated 02/18/83. Revise WOT Carburetor Flow Curve - Richer)