

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.

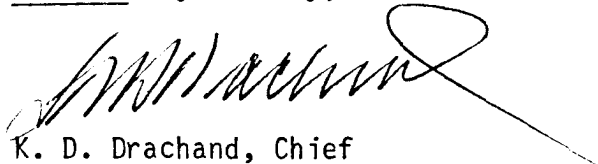
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

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 18<sup>th</sup> 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.
N-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)