

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-131  
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 1985 model-year Chrysler Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger car:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
FCR2.2V5HDL1	134 (2.2)	Air Injection - Valve Exhaust Gas Recirculation Three-Way Catalyst With Closed Loop ( <del>Electronic Fuel Injection</del> ) TBI

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>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.39	7.0	0.7

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

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.17	3.6	0.4

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 27<sup>th</sup> day of April, 1984.



K. D. Drachand, Chief  
Mobile Source Division

Manufacturer Chrysler Corporation Executive Order No. A-9-131  
 Engine Family FCR2.2V5HDL1 Evaporative Family FCRVB  
 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

CV, CL, DID, DIP, EFI, MFI  
 Venturi 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  
 TOC-Trap Oxidizer Continuous  
 TOI-Trap Oxidizer Intermittent  
 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  
 IC - Intercooler  
 MFI-Mechanical Fuel Injection  
 TC-Turbocharged

VEHICLE MODELS:

CP22;CP41  
 CP27  
 CH44;CP44  
 CH24;CP24  
 DH21;DH41;  
 DL21;DL41;  
 DM21;DM41  
 DH45;DP45  
 EH41;VP22; \*\*EM41  
 VP27  
 VH24  
 DH44;DS44  
 PH21;PH41;  
 PL21;PL41;  
 PM21;PM41  
 PH45;PP45  
 PH41; \*\*JM41  
 \*TP41

Carline

Chrysler LeBaron  
 Chrysler LeBaron Convertible  
 Chrysler LeBaron GTS  
 Chrysler Laser  
 Dodge Aries  
 Dodge Aries Wagon  
 Dodge 600  
 Dodge 600 Convertible  
 Dodge Daytona  
 Dodge Lancer  
 Plymouth Reliant  
 Plymouth Reliant Wagon  
 Plymouth Caravelle  
 Chrysler New Yorker

DRIVE SYSTEM: Front E/W Engine/ Front -Wheel Drive

120783

\*Revised: 09/05/84 (R.C. #34c dated 08/23/84. Addition of new model.)  
 \*\*Revised: 09/07/84 (R.C. #51C dated 08/31/84. Addition of new models.)

## 1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Chrysler Corporation

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Engine Family FCR2.2V5HDL1

Engine

Code M-1:A-1

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

CID (Liter)-

Type 134(2.2)-SOHC 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				ESA/EFC Power Module Part No.	THROTTLE BODY Part No.	Part No.	Part No.
M-1	PM21;PH21;PM41; PH41;DM21;DH21; DM41;DH41	M5	2750	05226230 05226765	04275624	04287806	VECI 4288817  VAC. HOSE 4307457  4306843+
	PH45;PP45; DH45;DP45;VP22; CP22;VH24		2875				
	CP24;DS44;CP44 DH44;CH24;CH44***		3000				
A-1	PL21;PM21;PL41; DL21;DM21;DL41	A3	2750			04287805	
	PH21;PM41;PH41; VP22;CP22;CP41; DM41;DH41;DH21		2875				
	DH44; PH45; DH45;PP45;DP45; VH24;CH24;CP24; VP27;CP27;CH44; CP44;JH41;EH41 EM41;JM41**		3000				
	*TP41		3250				
	DS44***		3125				

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 - 03/20/84

\*Revised - 09/05/84 (R.C. #34c dated 08/23/84. Addition of new model.)

\*\*Revised - 09/07/84 (R.C. #51C dated 08/31/84. Addition of new models.)

\*\*\*Revised - 02/11/84 (R.C. #92C dated 02/05/85. Revise test weights to reflect production.)

+Revised - 11/14/85 (F.F. 48C dated 08/26/85. Relocate MAP Sensor to Underhood Area.)

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**1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET**

E.O. #A -9-131

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

Manufacturer Chrysler Corporation

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Engine Family FCR2.2V5HDL1

Engine Code M-3;A-4

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

CID (Liter)-Type 134(2.2)-SOHC 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				ESA/EFC Power Module Part No.	THROTTLE BODY Part No.	Part No.	Part No.
M-3	PM21;PH21;PM41;PH41;DM21;DH21;DM41;DH41	M5	2750	05226230 05226765	0288282	04287806	VECI 4288817  VAC. HOSE 4307457  4306843+
	PH45;PP45;DH45;DP45;VP22;CP22;VH24;		2875				
	CP24;DS44;CP44;(DH44;CH24;CH44)*		3000				
A-4	PL21;PM21;PL41;DL21;DM21;DL41	A4	2750			04287805	
	PH21;PM41;PH41;VP22;CP22;CP41;DM41;DH41;DH21		2875				
	DH44; PH45; DH45;PP45;DP45;VH24;CH24;CP24;VP27;CP27;CH44;CP44;JH41;EH41;EM41;JM41		3000				
	TP41 DS44*		3250				

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 - 09/27/84 (R.C. #59c dated 09/21/84. Release Alternate Throttle Body)

\*Revised - 02/12/85 (R.C. #92c dated 02/05/85. Revise test weights to reflect production.)

+Revised - 11/14/85 (F.F. 48C dated 08/26/85. Relocate MAP Sensor to Underhood Area.)