

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-135
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 light-duty trucks:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
FCR2.2T2HBM9	135 (2.2)	Air Injection Pump Exhaust Gas Recirculation 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 Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0-3999	0.41	9.0	1.0

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

<u>Equivalent Inertia Weight</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0-3999	0.40	6.0	0.8

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.

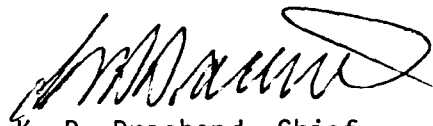
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

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 17th day of July, 1984.



K. D. Drachand, Chief
Mobile Source Division

Manufacturer Chrysler Corporation Executive Order No. A-9-135
 Engine Family FCR2.2T2HBM9 Evaporative Family FCRTA & FCRTQ
 Engine CID (Liters) 135 (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
 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
 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:

ZH28; ZS28
 KE35; KH36; KL36;
 KP36; KS36
 HH36; HL36; HP36

CARLINE

Dodge Rampage
 Dodge Caravan/Ram Van
 Plymouth Voyager

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

1985 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-9-135

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

Manufacturer Chrysler Corporation

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Engine Family FCR2.2T2HEM9

Engine

Code M-1;A-1

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

CID (Liter)-

Type 135 (2.2)-SOHC4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				ESA/EFC Part No.	ZV Part No.	Part No.	Part No.
M-1	ZH28;ZS26	M5	2750	5226439	4288537	4287408	VECI 4288848 VAC. HOSE 4307454 4179648*
M-2	KE35	M4	3125	5226591	4288539		VECI 4288848
	KS35;KE35+	M5	3250				VAC. HOSE 4307539 4179648*
	HL36;KL36;KH36; KP36		3375				
	HH36;HP36;HL36; KH36;KP36+		3500				
A-1	ZH28;ZS28	A3	2750	5226433	4288538	4287419	VECI 4288848 VAC. HOSE 4307454 4179648*
A-2	KE35;KS35	A3	3250	5226465	4288540	4287423	VECI 4288848 VAC. HOSE 4307539 4179648*

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 - 07/02/84

+Revised - 01/16/85 (R.C. #65T dated 01/10/85. Test weight update.)

*Revised - 05/14/85: Field Fix 30TC, dated 04/22/85. (Add a thermal bowl vent valve into the carburetor bowl vent line to the vapor canister.)

