

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-152
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 1987 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>
HCR2.5V5FAMX	135/152 (2.2/2.5)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Central Fuel Injection)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per mile</u>
0.39	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>
0.18	4.2	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 1960.1.5 of Title 13, California Administrative Code which includes recall liability for 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 listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.).

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 August, 1985.



K. D. Drachand, Chief
Mobile Source Division

Manufacturer CHRYSLER CORPORATION Executive Order No. A-9-152
 Engine Family HCR2.5V5FAMX Evaporative Family HCRVB
 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
 n^v-nVenturi Carburetor
 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:

KCP41;JCH21;JCP21
 JCP27
 HCH44;HCP44
 GCH24;GCP24
 KCP45

HDH44;HDS44;JDH21;
 JDS21
 JDH27
 KDH21;KDL21;KDL41;
 KDM21;KDM41;KDH41
 KDM45;KDH45
 EEH41;EEM41
 GVH24
 PDH24;PDH44

KPH21;KPL21;KPL41;
 M21;KPM41;KPH41
 KPM45;KPH45

CARLINE

Chrysler LeBaron
 Chrysler LeBaron Convertible
 Chrysler LeBaron GTS
 Chrysler Laser
 Chrysler Town and Country

Dodge Lancer
 Dodge Lancer Convertible
 Dodge Aries
 Dodge Aries Wagon
 Dodge 600
 Dodge Daytona
 Dodge Shadow

Plymouth Reliant
 Plymouth Reliant Wagon

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

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VEHICLE MODELS:

EJH41;EJM41
PPH24;PPH44
ETP41

CARLINE

Plymouth Caravelle
Plymouth Sundance
Chrysler New Yorker

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

 Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas DieselManufacturer CHRYSLER CORPORATIONPage 2Engine Family HCR2.5V5FAMXEngine Code M-2ECS (Special Features) (EFI), EGR, TWC, CLCID (Liter)-
Type135 (2.2)-SOHC 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				POWER MODULE Part No.	THROTTLE BODY Part No.	Part No.	Part No.
M-2	KPL21;KDL21; KPM21;KDM21; KPL41;KDL41	M5	2750	05226765	04275622 04307622	04287808	VECI 4300513 VAC. HOSE 4405706
	PPH24;PDH24; PPH44;PDH44; KPH21;KDH21; KPM41;KDM41; KPH41;KDH41		2875				
	GVH24;HDH44; HCH44;HCP44; KPM45;KDM45; KPH45;KDH45		3000				
	HDS44		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 - 08/01/85

Revised - 11/02/85: Correction of errata.

E.O. #A -9-152

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer CHRYSLER CORPORATION Page 3

Engine Family HCR2.5V5FAMX Engine Code M-3

ECS (Special Features) (EFL), EGR, TWC, CL CID (Liter)-Type 152 (2.5)-SOHC 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System Power Module Part No.	Fuel System		EGR Valve Part No.	Label Ident.	
					Throttle Body Part No.	Part No.		Part No.	Part No.
M-3	JDH21; JCH21; JCP21; GVH24; GHH24; HDH44; HCH44	M5	3000	05226765	04275623 04307623		04287808	VECI	4300513
	JDS21; JDH27; JCP27; GCP24; HCP44; HDS44		3125					VAC. HOSE	4405706

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.

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

Manufacturer Chrysler Corporation

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Engine Family HCR2.5V5EAMX

Engine Code A-2

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

CID (Liter)-

Type 135 (2.2)-SOHC 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				Power Module Part No.	Throttle Body Part No.	Part No.	Part No.
A-2	PPH24, PDH24, PPH44, PDH44, KPL21, KDL21, KPM21, KDM21, KPH21, KDH21, KPL41, KDL41, KPM41, KDM41, KPH41, KDH41	A3	2875	5226765	4275622 4307622	4287807	VECI 4300513
	EJM41, EEM41, EJH41, EEH41, GVH24, KCP41, HDH44, HCH44, KPM45, KDM45, KPH45, KDH45		3000				VAC. HOSE 4405706
	HCP44, HDS44		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.

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

Manufacturer Chrysler Corporation Page 5

Engine Family HCR2.5V5FAMX Engine Code A-3

ECS (Special Features) (EFI), EGR, TWC, CL CID (Liter)-Type 152(2.5)-SOHC 4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equip. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				Power Module Part No.	Throttle Body Part No.	Part No.	Part No.
A-3	KPM21, KDM21, KPH21, KDH21, KPM41, KDM41, KPH41, KDH41	A3	2875	5226765	4275623 4307623	4287807	VECI 4300513
	EJM41, EEM41, EJH41, EEH41, GVH24, KPL41, KDL41, KCP41, KPM45, KDM45, KPH45, KDH45		3000				VAC. HOSE 4405706
	JDH21, JCH21, JCP21, JDS21, JDH27, JCP27, GCH24, GCP24, HDH44, HCH44, HCP44, HDS44, KCP45		3125				
	ETP41		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.

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