

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-154  
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>
HCR2.2V5FBB3	135 (2.2)	Exhaust Gas Recirculation Three-Way Catalyst with Closed Loop (Electronic Fuel Injection) (Intercooler) (Turbocharger)

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	2.1	0.5

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 16<sup>th</sup> day of December, 1985.



K. D. Drachand, Chief  
Mobile Source Division

Manufacturer CHRYSLER CORPORATION Executive Order No. A-9-154  
 Engine Family HCR2.2V5FBB3 Evaporative Family HCRVA  
 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  
 nV-nVenturi Carburetor  
 V-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:CARLINE

GCP24

Chrysler Laser

GVS24

Dodge Daytona

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

## 1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars \_\_\_ Light-Duty Trucks \_\_\_ Medium-Duty Vehicles \_\_\_ X Gas \_\_\_ Diesel

Manufacturer CHRYSLER CORPORATION

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Engine Family HCR2.2V5FBB3

Engine

Code M-1

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

CID (Liter)-

Type 135(2.2)-SOHC4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System POWER MODULE Part No.	Fuel System THROTTLE BODY Part No.	EGR Valve Part No.	Label Ident. Part No.
M-1	GCP24;GVS24	M5	3250	5226766	4288270	4287601	VECI 4300522  VAC. HOS 4405705
*M-2						NONE	VECI 4288897  VAC. HOS 4405744

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 - 11/25/85

\*Revised - 07/25/86: R.C. 96C, dated 07/10/86. Delete EGR system.

## 1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer CHRYSLER CORPORATION

Page 2

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Date of Issue - 11/25/85

1987 CALIFORNIA 2.2L TURBO PASSENGER CARTEST WEIGHT AND HORSEPOWER

<u>MODELS</u>	<u>TRANS.</u>	<u>TIRES</u>	<u>TIRE CODE</u>	<u>TEST WEIGHT (LBS.)</u>	<u>COASTDOWN H.P.</u>
LZS24	M5	P205/50VR15 (SBR)	TPH	2875	6.5
LZE44	M5	P195/50HR14 (SBR)	TNW	2750	7.7
PPH24, PDH24 PPH44, PDH44	M5, Auto	P185/70R14 (SBR) P205/50VR15 (SBR)	TJS TPH	3000 3000	7.5 6.9
KCP41	Auto	P185/70R14 (SBR)	TJA,T	3125	8.9
KCP45	Auto	P185/70R14 (SBR)	TJA,T	3250	8.5
EEH41, EEM41 EJM41, EJH41	Auto	P185/70R14 (SBR)	TJT	3125	8.7
ETP41	Auto	P185/75R14 (SBR)	TJU	3250	8.8
GVH24, GCH24	M5, Auto	P195/70R14 (SBR)	TKJ	3125	6.1
GVS24	Auto	P225/50VR15 (SBR)	TRL	3125	6.6
GCP24	M5, Auto	P205/60HR15 (SBR)	TPR	3250	6.6
HCP44, HDS44 HCH44, HDH44	M5, Auto	P205/60HR15 (SBR) P185/70R14 (SBR) P195/70R14 (SBR)	TPR TJA TKJ	3125 3125 3125	7.0 7.6 7.1
JCH21, JDH21 JCP21, JDS21 JCP27, JDH27	M5, Auto	P195/70R14 (SBR) P205/60HR15 (SBR)	TKR TPR	3125A 3250	5.9 6.3

ISSUE DATE: 12/03/85  
REVISED:

17.03.-10

LDV5 CAL TW &amp; HP