

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-111  
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 light-duty trucks.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DCR2.2T2HBA4	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>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 this 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	2.9	1.0

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 25<sup>th</sup> day of June, 1982.

  
K. D. Drachand, Chief  
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

**Manufacturer** Chrysler      **Executive Order No.** A-9-111      **Page** 1  
**Engine Family** DCR2.2T2HBA4      **Evaporative Family** DCRRA  
**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 Injector  
 TC-Turbocharged

Vehicle Model

ZH28;ZS28

MH28;MS28

Carline

Dodge Rampage

Plymouth Scamp

**DRIVE SYSTEM:** Front Engine. Front Wheel Drive.

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Chrysler E.O. #A-9-111

Engine Family DCR2.2T2HBA4 CID (liter) - Type 134 (2.2) - In Line 4

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

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.	
M-1	MH;MS;ZH; ZS2B	M5 M4**	5213653	4227308	4275409 4287409 4300409	VECI 4275179 Vac. Hose 4227739	
A-2		A3	5213649	4227309	4287402 4300402		
M-2 *		M5	5213834	4227365	4275409 4287409 4300409		
A-3 *		A3	5213832	4227367 4227366	4287402 4300402		
A-4***							
A-5+				5283852			
A-6++			5213854	4227394 4227367			

Comments: See page one for abbreviations and evaporative emission family identification.

Date of Issue - 06/07/82

Revisions: \* 07/08/82. (R.C. # 2TC dated 06/28/82. Revise carburetor and ESA. Add one-way flow control valve. Revise coolant temperature switch.)

\*\*08/16/82. (R.C. #7T dated 08/10/82. Add 4 speed manual transmission.)

\*\*\*09/02/82. (R.C. #28TC dated 08/16/82. Revise choke vacuum kick.)

+09/02/82. (R.C. #29TC dated 08/16/82. Revise coolant temp switch & corresponding ESA calibration.)

++09/02/82. (R.C. #32TC dated 08/24/82. Revise ESA/EFC calibration & add 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-9-111

Engine Family DCR2.2T2HBA4 CID (liter) - Type 134 (2.2)-In Line 4

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

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.
*M-3	MH;MS;ZH;ZS28	M-4 & M-5	*5213856	4227365	4275409 4287409 4300409	VECI 4275179  Vac. Hose
**A-7		A-3	5213854	4227394 4227367	4287402 4300402	4227739
***A-8					4287087 4287086	

Comments: See page one for abbreviations and evaporative emission family identification.

Date of Issue - \*09/20/82 (R.C. #24TC dated 09/15/82; ESA/EFC calibration change).

Revisions: \*\*09/29/82 (R.C. 32TCA dated 09/15/82: Add carburetor throttle kicker.)  
 \*\*\*09/29/82 (R.C. 40TC dated 09/22/82: Revise carburetor - richer choke & Revise coolant temperature switch.)