

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-121  
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 1984 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>
ECR5.2V2HCK9	318 (5.2)	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>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>
0.14	1.9	0.7

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 9<sup>th</sup> day of August, 1983.

  
K. D. Drachand, Chief  
Mobile Source Control Division

Manufacturer Chrysler Executive Order No. A-9-121  
 Engine Family ECR5.2V2HCK9 Evaporative Family ECRVE  
 Engine CID (Liters) 318 (5.2)

## 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  
 EFI-Electronic  
 Fuel  
 Injection  
 MFI-Mechanical  
 Fuel  
 Injection  
 TC-Turbocharged

VEHICLE MODELS:

FS41  
 FH41  
 GL41  
 GH41  
 GP41  
 BL41

CARLINE

Chrysler Fifth Avenue  
 Chrysler Newport  
 Dodge Diplomat  
 Plymouth Grand Fury

DRIVE SYSTEM: Front (N.S.) Engine/Rear -Wheel Drive

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars   
  Light-Duty Trucks   
  Medium-Duty Vehicles   
  Gas   
  Diesel  
 Manufacturer Chrysler    Page 2  
 Engine Family ECR5.2V2HCK9    Engine Code A-1  
 ECS (Special Features) AIP,EGR,TWC,CL    CID (Liter)-Type 318(5.2)-V8

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESA/EFC Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
A-1	BL41, GL41, GH41, GP41, FH41, FS41	A3	4000	04289344 04289444	04300011	04275672 04287672	VECI 4288382
A-2							
*A-3							
A-4							
A-5							
A-6							
A-7							
A-8							
				**04289822	04300045		Vac. Hose 4307410

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 - 07/22/83  
 Revised - 09/01/83 (R.C. 60C dated 08/26/83. Revise ESA to permit use of a second source detonation sensor.)  
 \*Revised - 04/30/84 (R.C. 137C dated 04/09/84. Revise carburetor on all models equipped with P205/75R15 (SBR) tires except Tiempo.)  
 \*\* Revised - 06/18/84 (R.C. 140C dated 06/12/84. Revise ESA/EFC calibration on all models equipped with P205/75R15 SBR tires except Tiempo.)  
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