

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-161
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 light-duty trucks and medium-duty vehicles:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
HCR3.7T1HDS3	225 (3.7)	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 emission standards 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>
4000-5999	0.50	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>
4000-5999	0.23	3.5	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 1960.1.5 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 17th day of December, 1985.



K. D. Drachand, Chief
Mobile Source Division

Manufacturer CHRYSLER CORPORATION Executive Order No. A-9-161
 Engine Family HCR3.7T1HDS3 Evaporative Family HCRTF/HCRTG
 Engine CID (Liters) 225(3.7)

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:

B150,B250

D100,D150

CARLINE

Dodge Van/Wagon

Dodge Pickup

DRIVE SYSTEM: FRONT Engine/ REAR -Wheel Drive

TEST WEIGHT AND HORSEPOWERpage. 1A

<u>Model</u>	<u>Trans.</u>	<u>Tires</u>	<u>Tire Code</u>	<u>Test Weight (LBS.)</u>	<u>Coastdown H.P.</u>
D1L61 D1L62	MOD, Auto	P195/75R15 P205/75R15 P235/75R15XL	TNC TPF,G TSC,D,F	4000	14.6
		P205/75R15 M&S P235/75R15XL M&S	TPF TSC	4000	13.8
B1L11	MOD,Auto	P195/75R15 P205/75R15 P225/75R15 P235/75R15XL	TNC TPF,G TRE,F TSC,D,F	4000	14.7
B1L12	MOD,Auto	P195/75R15 P205/75R15 P225/75R15 P235/75R15XL	TNC TPF,G TRE,F TSC,D,F	4250 M400 4000 Auto	14.7
B1E51 B1L51	Auto	P205/75R15 P225/75R15 P235/75R15XL	TPF,G TRE,F TSC,D,F	4500	14.7
B1L52	Auto	P205/75R15 P225/75R15 P235/75R15XL	TPF,G TRE,F TSF	4500	14.7
B2L11	MOD,Auto	P225/75R15 P235/75R15XL	TRE,F TSC,D,F	4000	14.7
B2L12	MOD,Auto	P225/75R15 P235/75R15XL	TRE,F TSC,D,F	4250 M400 4000 Auto	14.7
B2L13	M400,Auto	P235/75R15XL	TSC,D,	4250	14.7
B2L52	Auto	P225/75R15 P235/75R15XL	TRE,F TSC,D,F	4500	14.7

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer CHRYSLER CORPORATION Page 2

Engine Family HCR3.7T1HDS3 Engine Code CALIF.

ECS (Special Features) AIP,TWC,CL,EGR CID (Liter)-Type 225(3.7)-IN LINE 6 OHV

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equip. Test Weight	Ign. System ESA/EFC Part No.	Fuel System 1V Part No.	EGR Valve Part No.	Label Ident. Part No.
M-1	D1,B1,B2	M40D	4000	4289617	4306461	4287555	VECI 4300552
M-2	B1,B2		4250			4287557	VAC. HOSE
	B2	A3		4000	4289615	4306462	4287553
A-1	D1,B1,B2		4250	4287552			D-MODELS 4306811
A-2	B2		4500				
	B1,B2						

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 - 12/09/85