

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-159
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:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
HCR2.6T2BAP7	156 (2.6)	Air Injection - Valve Exhaust Gas Recirculation Oxidation Catalyst

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>
0-3999	0.39	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	0.20	3.8	0.9

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 16th day of December, 1985.


K. D. Drachand, Chief
Mobile Source Division

Manufacturer CHRYSLER CORPORATION Executive Order No. A-9-159
 Engine Family HCR2.6T2BAP7 Evaporative Family HCRTC
 Engine CID (Liters) 156(2.6)

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:

SKH52; SKL52; SKP52
 SKE12; SDS12

SHH52; SHL52; SHP52

CARLINE

Dodge Caravan
 Dodge Ram Van

Plymouth Voyager

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

1987 CALIFORNIA 2.6L LIGHT DUTY TRUCK

E.O. No. A-9-159

TEST WEIGHT AND HORSEPOWER

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<u>Model</u>	<u>Trans.</u>	<u>Tires</u>	<u>Tire Code</u>	<u>Test Weight (LBS.)</u>	<u>Coastdown H.P.</u>
SKS12	Auto	P195/75R14	TKN	3375	10.2
SKE12		P205/70R14	TLB		
		P205/70R14 EAGLE GT	TLA	3375	10.7
		LT195/75R14	TKE	3375	9.8
SHL52	Auto	P195/75R14	TKN	3500	10.2
SKL52		P205/70R14	TLB		
		P205/70R14 EAGLE GT	TLA	3500	10.7
SHH52	Auto	P195/75R14	TKN	3750	10.2
SKH52		P205/70R14	TLB		
SHP52 SKP52			P205/70R14 EAGLE GT	TLA	3750

All tires are steel belted radial

ISSUE DATE: 11/15/85
REVISED:

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Chrysler Corporation

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Engine Family HCR2.6T2BAP7

Engine

Code

ECS (Special Features) ATV, OC, EGR

CID (Liter)-

Type 156(2.6)-SOHC4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				DIST Part No.	2V Part No.	Part No.	Part No.
A-1	SKE12;SKS12	A3	3375	MD098230	MD100637 4243637	MD067665 4243665	VECI 4300517
	SHL52;SKL52		3500				VAC. HOSE 4307679
	SHH52 SHP52;SKP52		3750				
	SKH52*		3625				

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

*Revised - 02/10/87: R.C. #92C dated 02/02/87. Production vehicle weight update.