EO Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-158
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:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
HCR2.5T5FBH6	152	(2.5)	Three-Way Catalyst Heated Oxygen Sensor Exhaust Gas Recirculation (Electronic Fuel Injection)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile
0-3999	0.39	9.0	1.0

The following are the certification emission values for this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.14	3.8	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 14th day of July, 1986.

K. D. Drachand, Chief
Mobile Source Division

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer CHRYSLER MOTORS CORPORATION

Executive Order No. A-9-158

Engine Family HCR2.5T5FBH6

Evaporative Family HCRTS

Engine CID (Liters) 152 (2.5)

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[illegible]ariable 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
SKE13,SKH53, SKP53,SKS13	DODGE CARAVAN/RAM VAN
SHH53,SHP53	PLYMOUTH VOYAGER

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

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1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer CHRYSLER MOTORS CORPORATION

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Engine Code CALIF

Engine Family HCR2.5T5FBH6

CID (Liter)-Type 152(2.5)-SOHC 4

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

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	SKE13,SKS13	M5	3500	5227652	4418118	4287808 4287812	VECI 4300515
	SHH53,SKH53, SHP53,SKP53		3750				VAC. HOSE 4405723
A-1	SKE13,SKS13	A3	3500	5227654		4287805	
	SKH53,SHH53, SKP53		3750				Catalyst Part No.
	SHP53		3875				04301851

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 - 06/19/86

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1987 CALIFORNIA 2.5L LIGHT DUTY TRUCK
TEST WEIGHT AND HORSEPOWER

Models	Transmission/Test Wt.	H.P.	Tires	Tire Sales Code
SKE13,SKS13	All 3500 lbs.	11.1	LT195/75R15-C	TND
SHH53,SHP53	All 3875 lbs.	10.4	P195/75R14	TKN
SKH53	All 3750 lbs.	10.4	P205/70R14	TLB
SKP53	A3:3875 lbs. or M5:3750 lbs.	10.7	P195/75R15	TNC,TNE
		10.8	P205/70R14 Eagle GT	TLA

All tires are steel belted radial

ISSUE DATE: 03-03-86
REV: