State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-160
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 for sale in California as described below for gasoline-powered light-duty trucks:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
HCR3.0T5FBR7	181	(3.0)	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
4000-5999	0.50	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	0.22	0.9	0.4
4000-5999	0.24	1.2	0.2

BE IT FURTHER RESOLVED: That the listed models in the 0-3999 equivalent inertia weight class 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 July, 1986.

K. D. Drachand, Chief
Mobile Source Division

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer CHRYSLER MOTORS CORPORATION

Executive Order No. A-9-160

Engine Family HCR3.0T5FBR7

Evaporative Family HCRTU

Engine CID (Liters) 181(3.0)

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:	CARLINE
SKE12,SKS12, SKE13,SKS13, SKH52,SKL52, SKP52,SKH53, SKP53	Dodge Caravan/Ram Van
SHH52,SHL52, SHP52,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 Page 2

Engine Family HCR3.0T5FBR7 Engine Code A-1

ECS (Special Features) TWC,CL,EGR,(EFI) CID (Liter)-Type 181(3.0)-SOHC V6

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System ESA/EFC Part No.	Fuel System THROTTLE BODY Part No.	EGR Valve Part No.	Label Ident. Part No.
A-1	SKE12,SKS12	A3	3375	5227650	4307281	4287810	VECI 4300519
	SKE13		3500				
	SKS13,SHL52, SKL52		3625				VAC. HOSE 4405703
	SHH52,SKH52, SHP52,SKP52		3750				Catalyst Part No.
	SHH53,SKH53, SHP53,SKP53		3875				04301936
*A-2				5233061		4287815	VECI 4300519 VAC. HOSE 4405031
**A-3				5233426	4307278		VECI 4405149
***A-4				4233522			VAC. HOSE 4405031

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

*Revised - 09/08/86: Running Change 67T dated 08/15/86. Revise EGR and EGR Control, ESA/EFC and Pressure Regulator Vacuum Source.

**Revised - 10/29/86: Running Change 80T dated 10/22/86. Revise idle speed & throttle body idle air flow.

***Revised - 01/15/87: R.C. ~~78~~ 84T dated 12-19-86. Revise fuel calibration in the control module.

071080

1987 CALIFORNIA 3.0L LIGHT DUTY TRUCK
TEST WEIGHT AND HORSEPOWER

Models	Test Weight(lbs.)	H.P.	Tires	Tire Sales Code
SKE12	3375	$10.0	LT195/75R14-C	TKE
SKS12	3500	$10.1	P195/75R14	TKN
		$10.1	P205/70R14	TLB
		$10.6	P205/70R14 Eagle GT	TLA
SHL52,SKL52	3625	$10.1	P195/75R14	TKN
SHH52,SKH52,SKP52	3750	$10.1	P205/70R14	TLB
SHP52	3875	$10.6	P205/70R14 Eagle GT	TLA
SHH53,SKH53,SKP53	3875	10.4	P195/75R14	TKN
SHP53	4000	10.4	P205/70R14	TLB
		10.7	P195/75R15	TNC,TNE
		10.8	P205/70R14 Eagle GT	TLA
E13,SKS13	3625	11.1	LT195/75R15-C	TND

All tires are steel belted radial
All models have automatic transmission

ISSUE DATE: 03-03-86
REV: $03-10-86