State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-183
Relating to Certification of New Motor Vehicles

CHRYSLER MOTORS 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 1989 model-year Chrysler Motors Corporation exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family	Displacement Liters (Cubic Inches)	Exhaust Emission Control Systems (Special Features)
KCR3.0T5FBHO	3.0 (181)	Three-Way Catalyst Heated Oxygen Sensor (Electronic Port Fuel Injection) (On-Board Diagnostics)

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

The following are the emission standards for this engine family:

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0 - 3750	0.39	9.0	1.0
3751 - 5750	0.50	9.0	1.0

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

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0 - 3750	0.26	1.6	0.4
3751 - 5750	0.22	2.2	0.8

BE IT FURTHER RESOLVED: That the listed models (in the 0-3750 lbs. loaded vehicle weight class) are 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 1988 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 the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Administrative Code, Section 1968) 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.) and (for the listed vehicle models in the 0-3750 lbs. loaded vehicle weight class) with the 2 year/24,000 mile warranty provisions of Health and Safety Code Section 43204.

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 28th day of January, 1988.

K. D. Drachand, Chief
Mobile Source Division

E.O. # A-9-183

19 89 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family KCR3.0T5FBHO

Evaporative Family KCRTC Engine Type SOHC V/6

Liters (CID) 3.0 (181)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
ECU-Electronic Control Unit
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System

CFI, EPFI, MPFI, SFI,
DID, DIP, HOS, OS
nV-nVenturi Carburetor
VV-Variable Venturi Carburetor

Exhaust Emissions Control System

AIP-Air Injection - Pump
AIV-Air Injection - Valve
EGR-Exhaust Gas Recirculation
EIC-Electronic Injection Control (Diesel Only)
EM-Engine Modification
SPL-Smoke Puff Limiter or Throttle Delay
TOC-Trap Oxidizer, Continual
TOP-Trap Oxidizer, Periodical
DBC-Dual Bed Catalyst
OC-Oxidation Catalyst
TWC-Three-Way Catalyst
WUOC-Warm-Up Oxidation Catalyst
WUTWC-Warm-Up Three-Way Catalyst
OS-Oxygen Sensor
HOS-Heated Oxygen Sensor

Special Features

CFI-Central Fuel Injection or Throttle Body Injection
EPFI-Electronic Port Fuel Injection
MPFI-Mechanical Port Fuel Injection
SFI-Sequential Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
TC-Turbocharger
SC-Supercharger
IC-Intercooler or Aftercooler
CCV-Combustion Chamber Valve
OBD-On-Board Diagnostics

VEHICLE MODELS:	CARLINE:
SKE12,SKE13, SKH52,SKH53, SKP52,SKP53	DODGE CARAVAN/RAM VAN
SHH52,SHH53, SHP52,SHP53	PLYMOUTH VOYAGER

Engine: Front X Mid. ____ Rear ____

Drive: FWD X RWD ____ 4WD Full Time ____ 4WD Part Time ____

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E.O. # A-9-183

19 89 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer CHRYSLER MOTORS CORPORATION Engine Family KCR3.0T5FBHO

Liter (CID) 3.0 (181) Eng. Type SOHC V/6

Emission Control Sys. (Special Features) TWC,HOS, (EPFI),(OBD)

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System Part No.	EGR Valve Part No.	Catalys Part No.
A-1	SKE12	A3	3500	5234134	4307612		4427055 4427318++
	SKE13		3625				
	SHH52,SKH52*		3750				
	SHP52,SKP52, SHH53,SKH53		3875				
	SHP53,SKP53		4000+				
A-2	SKE12	A40D	3500				
	SKE13		3625				
A-3**	SHH52,SKH52		3750				
	SHP52,SKP52		3875				
	SHH53,SKH53						
	SHP53,SKP53+		4000				
A-4***							

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.

Date of Issue _____

Revisions: *02-04-88: Correction of Errata.
**04-24-88: R.C. 20TC. Revise ATX Electronic Control Calibration.
***04-24-88: R.C. 27TC. Revise ATX Electronic Control Calibration.
+05-05-88: Correction of eratta.
[illegible] R.C. 42T. Release Optional Catalyst.

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CHRYSLER MOTORS CORPORATION

1989 CALIFORNIA 3.0L LIGHT DUTY TRUCK
KCR3.0T5FBHO Engine Family
Test Weight & H.P.

EO# A-9-183

Model	Transmission	Test Wt.	Available Tires*	Tire Sales Code	Coastdown HP GDYR	Coastdown HP MICH
SKE12	A3, A40D	3500	P195/75R14	TKN	11.5	10.9
			P205/70R14	TLF,TLG	11.5	10.9
			P205/70R15	TPU	11.5	10.9
			LT195/75R14C	TKE	-	10.4
SKE13	A3, A40D	3625	LT195/75R15C	TND	10.5	10.5
SHH52	A3	3750	P195/75R14	TKN	10.9	10.7
SKH52	A3	3750	P205/70R14	TLF,TLG	10.9	10.7
SHP52	A3, A40D	3875	P195/75R15	TNE	10.9	-
SKP52	A3, A40D	3875	P205/70R15	TPU	10.9	10.7
SHH53	A3, A40D	3875				
SKH53	A3, A40D	3875				
SHH52	A40D	3875				
SKH52	A40D	3875				
SHP53	A3, A40D	4000	P195/70R14	TKN	10.9	10.6
SKP53	A3, A40D	4000	P205/70R14	TLF,TLG	10.9	10.6
			P195/75R15	TNE	10.9	-
			P205/70R15	TPU	10.9	10.6

GDYR = Goodyear
MICH = Michelin

*Following tires are available for each model listed in column one.

ISSUE DATE: 10-21-87
REV: