State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-198
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 1990 model-year Chrysler Motors Corporation emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family: LCR2.5T5FCF1 Displacement: 2.5 Liters (152 Inches^3)

Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation
Three-Way Catalyst
Heated Oxygen Sensor
On-Board Diagnostic System
Throttle Body Electronic Fuel Injection

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

The following are the emission standards for these engine families:

Loaded Vehicle Weight (lbs.	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0-3750	0.39	9.0	0.4

The following are the certification emission values for these engine families:

Loaded Vehicle Weight (lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0-3750	0.18	3.9	0.2

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 Code of Regulations, 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 Emission Control Label Specifications" (Title 13, California Code of Regulations, 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 Code of Regulations, 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 provisions (Health and Safety Code Section 43205).

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 6th day of April, 1989.

K. D. Drachand, Chief
Mobile Source Division

1990 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O.# A-9-198 Page 1

Manufacturer CHRYSLER MOTORS CORPORATION Eng. Family LCR2.5T5FCF1

Pass Cars___ Lt-Duty Trucks X Med-Duty Vehicles___ Gas X Diesel___

Eng. Type SOHC 4 Liter (CID) 2.5L Evap. Family LCRTA;LCRTF

Emission Control Sys. (Use SAE Abbrv.) TWC,EGR,HO_2S,(TBI),(OBD)

Engine: Front X Mid.___ Rear___ Drive: FWD X RWD X 4WD-FT___ 4WD-PT___

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
M-1	SKE12	M5	3250	SEE ATTACHMENTS	05234725	04287178	04427257 52004660 50224661
	SKE13		3500				
	SHL52,SKL52 SHH52,SKH52		3625				
	SHP52,SKP52		3625				
M-2	N1L31		3750		04379943		
	N1E61,N1L61		3375				
	N1L62		3500				
'-1	SKE12,SKE13	A3	3500		05234721		
	SHL52		3625				
	SKL52		3625				
A-2*	SHH52,SKH52 SHP52,SKP52		3750		5447408		
A-3**					4639262		

Date of Issue:_____ Revisions: *06-27-89: RC 64C. REVISE ECU CALIBRATION
**03-13-90: RC91C. REVISE ECU CALIBRATION

ATTACHMENT TO PG. 1 SDS
OF
EXECUTIVE ORDER A-9-198

ENGINE FAMILY: LCR2.5T5FCF1

VEHICLE MODELS	CARLINE
SKE12,SKE13,SKH52, SKL52,SKP52	DODGE CARAVAN
SHH52,SHL52,SHP52	PLYMOUTH VOYAGER
* N1E61,N1L31,N1L61, * N1L62	DODGE DAKOTA PICKUP

*Revised 04-11-89,Correction of Errata.

1990

CHRYSLER MOTORS CORPORATION

1990 CALIFORNIA 2.5L TBI (NON-TURBO) LIGHT DUTY TRUCK
LCR2.5T5FCF1 Engine Family
Test Weight & H.P.

Model	Transmission	Test Wt.	Available Tires*	Tire Sales Code	Coastdown HP GDYR	Coastdown HP MICH
SKE12	M5	3250	P195/75R14	TKN	10.6	-
SKE12	A3	3375	P195/75R15	TNE	10.6	-
			P205/70R15	TPU	10.6	10.2
			LT195/75R14C	TKE		9.0
SKE13	M5	3500	LT195/75R15C	TND	9.8	9.8
	A3				9.7	9.7
SHL52	M5,A3	3625	P195/75R14	TKN	10.3	-
SKL52	M5,A3		P205/70R14	TLF,TLG	10.3	9.8
SHH52	M5		P195/75R15	TNE	10.3	-
SKH52	M5		P205/70R15	TPU	10.3	9.8
SHP52	M5	3750	P195/75R14	TKN	10.3	-
SKP52	M5	3750	P205/70R14	TLF,TLG	10.3	9.8
			P195/75R15	TNE	10.3	-
			P205/70R15	TPU	10.3	9.8
SHP52	A3	3750	P195/75R14	TKN	10.2	-
SKP52	A3	3750	P205/70R14	TLF,TLG	10.2	9.7
[illegible]52	A3	3750	P195/75R15	TNE	10.2	-
SKH52	A3	3750	P205/70R15	TPU	10.2	9.7
N1E61	M5	3375	P195/75R15	TNC	11.9	-
N1L61	M5	3375	P205/75R15	TPF,TPG	11.9	11.9
N1L62	M5	3500	P215/75R15	TME	11.9	-
N1L31	M5	3750	P195/75R15	TNC	12.1	-
			P205/75R15	TPF,TPG	12.1	12.1
			P215/75R15	TME	12.1	-
			LT215/75R15D	TMK	11.9	11.9

GDYR = Goodyear
MICH = Michelin

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

ISSUE DATE: 10-10-88
REV: