

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-202  
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: LCR3.0T5FBH1 Displacement: 3.0 Liters (181 Inches<sup>3</sup>)

Equipped with the following exhaust emission control systems:

Heated Oxygen Sensor                      On-Board Diagnostic System  
Three-Way Catalyst                         Multipoint 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:

<u>Loaded Vehicle Weight (lbs.)</u>	<u>Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
0-3750	0.39	9.0	0.7
3751-5750	0.50	9.0	1.0

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

<u>Loaded Vehicle Weight (lbs.)</u>	<u>Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
0-3750	0.20	1.1	0.5
3751-5750	0.25	2.4	0.5

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 Code of Regulations 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 vehicle manufacturer is certifying the listed models in the 0-3750 lbs. loaded vehicle weight class to the optional NOx standard based upon actual sales of 1989 model-year California certified light-duty trucks 0-3750 LVW Class or is allowed a delay in implementation under small volume manufacturer provisions, or is allowed a delay in implementation under the "in lieu" standards, or is certifying passenger cars weighing more than 5250 lbs. loaded vehicle weight.

BE IT FURTHER RESOLVED: That the listed 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

Manufacturer CHRYSLER MOTORS CORPORATION Eng. Family LCR3.0T5FBH1

Pass Cars\_\_\_ Lt-Duty Trucks X Med-Duty Vehicles\_\_\_ Gas X Diesel\_\_\_

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

Emission Control Sys. (Use SAE Abbrev.) TWC,HO2S,(OBD),(MPI)

Engine: Front X Mid. \_\_\_ Rear \_\_\_ Drive: FWD X RWD \_\_\_ 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.
A-1	SKE12	A40D	3375	S E E  A T T A C H M E N T	5234968	NONE	4427317
	SHL52,SKL52		3750				
	SHH52,SKH52, SHP52,SKP52		3875				
A-2	SKE12	A3	3375				
	SKL52,SHL52, SHH52,SKH52, SKP52		3750				
	SHP52		3875				
A-3*	SKE12	A40D	3375		5276361		
	SKE13		3500				
	SHL52,SKL52		3750				
	SHH52,SKH52, SHP52,SKP52,		3875				
	SKH53,SHH53						
	SKP53,SHP53, SYP53		4000				

Date of Issue: \_\_\_\_\_ Revisions: \*05-05-89: RC22C. ADDITION OF MODELS, REVISED ECU CALIBRATION AND REVISED EATX CONTROLLER CALIBRATION

Manufacturer CHRYSLER MOTORS CORPORATION Eng. Family LCR3.0T5FBH1

Pass Cars  Lt-Duty Trucks  Med-Duty Vehicles  Gas  Diesel

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

Emission Control Sys. (Use SAE Abbrv.) TWC,HO<sub>2</sub>S,(OBD),(MPI)

Engine: Front  Mid.  Rear  Drive: FWD  RWD  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.
A-4	SKE12 SKE13 SHL52,SKH52, SHH52,SKH52, SHP52,SKP52, SHH53,SKH53, SKP53 SHP53,SYP53	A3	3375 3625 3750 3875  4000	S E E  A T T A C H M E N T	5276361		4427317

Date of Issue: 05-05-89 Revisions:

RC22C: ADDITION OF MODELS, REVISED ECU CALIBRATION & REVISED EATX CONTROLLER CALIBRATION

CHRYSLER MOTORS CORPORATION

ATTACHMENT TO SDS PAGE 1  
OF  
EXECUTIVE ORDER A-9-202

LCR3.0T5FBH1

VEHICLE MODELS:

SKE12, SKH52, SKE13\*,  
SKL52, SKP52, SKH53\*,  
SKP53\*

SHH52, SHL52, SHH53\*,  
SHP52, SHP53\*

SYP53\*

CARLINE:

DODGE CARAVAN

PLYMOUTH VOYAGER

CHRYSLER TOWN & COUNTRY

\*REVISED: 05-05-89: RC22C. ADDITION OF MODELS

ATTACHMENT TO PG. 1 SDS  
OF  
EXECUTIVE ORDER A-9-202

1990

CHRYSLER MOTORS CORPORATION

1990 CALIFORNIA 3.0L LIGHT DUTY TRUCK  
LCR3.0T5FBH1 Engine Family  
Test Weight & H.P.

Model	Transmission	Test Wt.	Available Tires*	Tire Sales Code	Coastdown HP	
					GDYR	MICH
SKE12	A40D,A3	3375	P195/75R14	TKN	10.6	-
			P195/75R15	TNE	10.6	-
			P205/70R15	TPU	10.6	10.2
			LT195/75R14C	TKE	-	9.0
SHL52	A40D,A3	3750	P195/75R14	TKN	10.2	-
			SKL52	A40D,A3	3750	P205/70R14
			P195/75R15	TNE	10.2	-
			P205/75R15	TPU	10.2	9.7
52	A40D,A3	3875	P195/70R14	TKN	10.2	-
52	A40D,A3	3875	P205/70R14	TLF,TLG	10.2	9.6
SHP52	A40D,A3	3875	P195/75R15	TNE	10.2	-
SKP52	A40D,A3	3875	P205/70R15	TPU	10.2	9.6

GDYR = Goodyear  
MICH = Michelin

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