

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-215
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 1991 model-year Chrysler Corporation emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family: MCR2.5T5FCF2 Displacement: 2.5 Liters (153 Cubic Inches)

Exhaust emission control systems (Special Features):

Exhaust Gas Recirculation
Three-Way Catalyst
Heated Oxygen Sensor
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:

<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	0.09	2.0	0.3
3751-5750	0.09	1.0	0.9

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.

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 22nd day of January, 1990.



K. D. Drachand, Chief
Mobile Source Division

Manufacturer CHRYSLER CORPORATION Eng. Family MCR2.5T5ECE2

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

Eng. Type SOHC4 Liter (CID) 2.5 (152) Evap. Family MCRTA

Emission Control Sys. (Use SAE Abbv.) TWC, HO₂S, EGR, TBI

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-1	SKE12	A3	3500	S E E A T T A C H M E N T	5235203	4287766	4427257
	SHH52,SKH52, SHL52,SKL52		3750				
	SHP52,SKP52		3875				

Date of Issue: _____ Revisions: _____

VEHICLE MODELS/CARLINE

Engine, Evap. Config.: MCR2.5T5FCF2, MCRTA MARKET: Calif.
Exhaust Control System: 3CL, TBI, EGR, EL-DIG
Evap. Control System Canister
Engine Displacement: 2.5L

EPA Carline Code	Carline Sales Name for Certificate	Engineering Model	
91010	PLYMOUTH	VOYAGER 2WD	ASHH52
91010	PLYMOUTH	VOYAGER 2WD	ASHL52
91010	PLYMOUTH	VOYAGER 2WD	ASHP52
65065	DODGE	CARAVAN 2WD	ASKE12
65065	DODGE	CARAVAN 2WD	ASKH52
65065	DODGE	CARAVAN 2WD	ASKL52
65065	DODGE	CARAVAN 2WD	ASKP52

VEHICLE TEST WEIGHT AND HORSEPOWER

1991
 MCR2-515FCF2

VEHICLE MODEL	ENGINE / TRANS TEST	WEIGHT LBS GVM	A C USE	TYPE DESCRIPTION	COASTDOWN TIME SEC	DYNO HP	TIME F	PPFS R
ASKHS2	EDM	DGC 3750	0	Y	STD 91 TKN TAD TZA 14.82	10.70	35	35
					OC 91 LLF TAD TZA 14.62	10.70	35	35
					OPT 91 TFU TAD TZA 14.82	10.70	35	35
					UPT 91 TF2 TAD TZA 14.82	10.70	35	35
					CPT 91 TFU TAD TZH 15.00	9.50	35	35
					OPT 91 LFF TAD TZH 14.71	9.50	35	35
					CPT 91 TF2 TAD TZA 14.82	10.70	35	35
					UPT 91 LFF TAD TZA 14.82	10.70	35	35
					OPT 91 TFU TAD TZA 14.82	10.70	35	35
					UPT 91 TFU TAD TZA 14.82	10.70	35	35
ASKHS2	EDM	DGC 3875	0	Y	STD 91 TKN TAD TZA 15.24	10.70	35	35
					OC 91 LFF TAD TZA 15.24	10.70	35	35
					OPT 91 TFU TAD TZA 15.24	10.70	35	35
					UPT 91 TF2 TAD TZH 15.43	9.50	35	35
					CPT 91 TFU TAD TZA 15.24	10.70	35	35
					OPT 91 LFF TAD TZH 14.71	9.50	35	35
					CPT 91 TF2 TAD TZA 14.82	10.70	35	35
					UPT 91 LFF TAD TZA 14.82	10.70	35	35
					OPT 91 TFU TAD TZA 14.82	10.70	35	35
					UPT 91 TFU TAD TZA 14.82	10.70	35	35
ASKHS2	EDM	DGC 3750	0	Y	STD 91 TKN TAD TZA 14.82	10.70	35	35
					OC 91 LFF TAD TZA 14.82	10.70	35	35
					OPT 91 TFU TAD TZA 14.82	10.70	35	35
					UPT 91 TF2 TAD TZH 14.71	9.50	35	35
					CPT 91 TFU TAD TZA 14.82	10.70	35	35
					OPT 91 LFF TAD TZH 14.71	9.50	35	35
					CPT 91 TF2 TAD TZA 14.82	10.70	35	35
					UPT 91 LFF TAD TZA 14.82	10.70	35	35
					OPT 91 TFU TAD TZA 14.82	10.70	35	35
					UPT 91 TFU TAD TZA 14.82	10.70	35	35
ASKHS2	EDM	DGC 3750	0	Y	STD 91 TKN TAD TZA 14.82	10.70	35	35
					OC 91 LFF TAD TZA 14.82	10.70	35	35
					OPT 91 TFU TAD TZA 14.82	10.70	35	35
					UPT 91 TF2 TAD TZH 14.71	9.50	35	35
					CPT 91 TFU TAD TZA 14.82	10.70	35	35
					OPT 91 LFF TAD TZH 14.71	9.50	35	35
					CPT 91 TF2 TAD TZA 14.82	10.70	35	35
					UPT 91 LFF TAD TZA 14.82	10.70	35	35
					OPT 91 TFU TAD TZA 14.82	10.70	35	35
					UPT 91 TFU TAD TZA 14.82	10.70	35	35