

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-214
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: MCR3.0T5FBH2 Displacement: 3.0 Liters (181 Cubic Inches)

Exhaust emission control systems (Special Features):

- Three-Way Catalyst
- Heated Oxygen Sensor
- 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	0.22	1.7	0.3
3751-5750	0.21	1.1	0.4

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 MCR3.OT5FBH2

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

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

Emission Control Sys. (Use SAE Abbrv.) TWC, HO₂, (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-1 *A-3 **A-4	SKE12	A40D	3625	S E E A T T A C H M E N T	5235233	NONE	4427563
	SHL52, SKL52, SHH52, SKH52		3875				
	SHP52, SKP52		4000				
A-2 *A-3 **A-4	SKE12	3500					
	SKL52, SHL52, SHH52, SKH52, SKP52, SHP52	3875					

Date of Issue: _____

Revisions: *2-19-90: RC3, REVISE EATX CALIBRATION.
 **4-26-90: RC33, REVISE EATX CALIBRATION.

VEHICLE MODELS/CARLINE

Engine, Evap. Config.: MCR3.0T5FBH2, MCRTH MARKET: Calif.
Exhaust Control System: 3CL, MPI, EL-DIG
Evap. Control System Canister
Engine Displacement: 3.0L

EPA
Carline Code Carline Sales Name Engineering Model
for Certificate

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

1591
MCR3.0T5FPH2

VEHICLE TEST WEIGHT AND HORSEPOWER

ATTACHMENT TO SDS PG. 1
OF EXECUTIVE SR A-9-214

VEHICLE MODEL	ENGINE/TRANS	WEIGHT TEST	LBS GVM	A	TIRE USE	DESCRIPTION	TRD	MFG	COASTDOWN TIME	DYNO HP	TIRE F	PRES R	
ASKE12	EFA	DGL	3625	0	Y	STD	TKN	TAD	TZA	14.57	10.40	35	35
						OPT	TKE	TAD	TZA	13.70	9.60	35	35
						OPT	TFU	TAD	TZA	14.57	10.40	35	35
						OPT	TFU	TAD	TZH	14.74	9.30	35	35
						OPT	TNC	TAD	TZA	14.19	9.40	35	35
						STD	TKN	TAD	TZA	15.24	10.70	35	35
						OPT	TLF	TAD	TZH	15.12	9.50	35	35
						OPT	TP2	TAD	TZA	15.43	9.50	35	35
						OPT	TPU	TAD	TZA	15.24	10.70	35	35
						OPT	TPU	TAD	TZA	15.24	10.70	35	35
ASKH52	EFA	DGL	3875	0	Y	STD	TF1	TAD	TZA	14.35	9.40	35	35
						STD	TKN	TAD	TZA	15.24	10.70	35	35
						OPT	TPU	TAD	TZA	15.43	9.50	35	35
						OPT	TP1	TAD	TZA	14.35	9.40	35	35
						OPT	TLF	TAD	TZH	15.12	9.50	35	35
						OPT	TFU	TAD	TZA	15.24	10.70	35	35
						OPT	TP2	TAD	TZA	15.24	10.70	35	35
						OPT	TLF	TAD	TZA	15.24	10.70	35	35
						CPT	TP2	TAD	TZH	15.43	9.50	35	35
						CPT	TKN	TAD	TZA	15.24	10.70	35	35
ASKL52	EFA	DGL	3875	0	Y	STD	TLF	TAD	TZH	15.12	9.50	35	35
						OPT	TPU	TAD	TZA	15.24	10.70	35	35
						OPT	TP2	TAD	TZH	15.43	9.50	35	35
						OPT	TFU	TAD	TZH	15.43	9.50	35	35
						OPT	TLF	TAD	TZA	15.24	10.70	35	35
						OPT	TF2	TAD	TZA	15.24	10.70	35	35
						OPT	TKN	TAD	TZA	15.24	10.70	35	35
						OPT	TLF	TAD	TZH	15.12	9.50	35	35
						OPT	TF2	TAD	TZH	15.43	9.50	35	35
						OPT	TFU	TAD	TZA	15.24	10.70	35	35
ASKP52	EFA	DGM	3875	0	Y	STD	TKN	TAD	TZA	15.24	10.70	35	35
						OPT	TPU	TAD	TZH	15.43	9.50	35	35
						OPT	TF2	TAD	TZA	15.24	10.70	35	35
						OPT	TF2	TAD	TZA	15.24	10.70	35	35
						OPT	TF2	TAD	TZH	15.43	9.50	35	35
						OPT	TFU	TAD	TZA	15.24	10.70	35	35
						OPT	TLF	TAD	TZH	15.12	9.50	35	35
						OPT	TF2	TAD	TZA	15.24	10.70	35	35
						OPT	TFU	TAD	TZA	15.12	9.50	35	35
						CPT	TF1	TAD	TZA	14.35	9.40	35	35

1991
MCR3.015FRH2

VEHICLE TEST WEIGHT AND HORSEPOWER

ATTACHMENT TO SDS PG. 1
OF EXECUTIVE ORDER -9-214

VEHICLE MODEL	ENGINE/TRANS	WEIGHT TEST	LOGS GVM	A	C	TYPE USE	DESCRIPTION YR	CODE	TRD	WFG	COASTDOWN TIME	DYNO HP	TIRE	PRES
ASHH52	EFA	DGL	3875	0	Y	STC	91	TKN	TAD	TZA	15.24	10.70	35	35
							91	TFU	TAD	TZH	15.43	9.50	35	35
							91	TF2	TAD	TZH	15.43	10.70	35	35
							91	TLF	TAD	TZA	15.24	10.70	35	35
							91	TFU	TAD	TZA	15.24	10.70	35	35
							91	TLF	TAD	TZH	15.12	9.50	35	35
							91	TFU	TAD	TZA	15.24	10.70	35	35
							91	TLF	TAD	TZH	15.43	10.70	35	35
							91	TF2	TAD	TZA	15.24	10.70	35	35
							91	TP2	TAD	TZH	15.43	9.50	35	35
ASHL52	EFA	DGL	3875	0	Y	STD	91	TKN	TAD	TZA	15.24	10.70	35	35
							91	TLF	TAD	TZA	15.24	10.70	35	35
							91	TLF	TAD	TZH	15.12	9.50	35	35
							91	TFU	TAD	TZA	15.24	10.70	35	35
							91	TFU	TAD	TZA	15.24	10.70	35	35
							91	TP2	TAD	TZA	15.43	9.50	35	35
							91	TFU	TAD	TZH	15.43	9.50	35	35
							91	TFU	TAD	TZA	15.24	10.70	35	35
							91	TF2	TAD	TZA	15.24	10.70	35	35
							91	TP2	TAD	TZH	15.43	9.50	35	35
ASHH52	EFA	DGM	3875	0	Y	STD	91	TKN	TAD	TZA	15.24	10.70	35	35
							91	TLF	TAD	TZH	15.12	9.50	35	35
							91	TFU	TAD	TZA	15.24	10.70	35	35
							91	TLF	TAD	TZA	15.24	10.70	35	35
							91	TFU	TAD	TZA	15.24	10.70	35	35
							91	TP2	TAD	TZA	15.43	9.50	35	35
							91	TFU	TAD	TZH	15.43	9.50	35	35
							91	TFU	TAD	TZA	15.24	10.70	35	35
							91	TF2	TAD	TZA	15.24	10.70	35	35
							91	TP2	TAD	TZH	15.43	9.50	35	35
ASHH52	EFA	DGL	4000	0	Y	STD	91	TKN	TAD	TZA	15.63	10.60	35	35
							91	TLF	TAD	TZH	15.49	9.40	35	35
							91	TLF	TAD	TZA	15.63	10.60	35	35
							91	TP2	TAD	TZH	15.83	9.50	35	35
							91	TF2	TAD	TZA	15.63	10.60	35	35
							91	TFU	TAD	TZH	15.83	9.50	35	35
							91	TFU	TAD	TZA	15.63	10.60	35	35
							91	TFU	TAD	TZA	15.63	10.60	35	35
							91	TKN	TAD	TZA	15.63	10.60	35	35
							91	TFU	TAD	TZA	15.63	10.60	35	35
ASKEJ2	EFA	DGM	3500	0	Y	STD	91	TKN	TAD	TZA	14.17	10.50	35	35
							91	TPU	TAD	TZA	14.17	10.50	35	35
							91	TKE	TAD	TZA	13.34	9.80	35	35
							91	TFU	TAD	TZH	14.43	9.40	35	35
							91	TFU	TAD	TZH	14.43	9.40	35	35
							91	TFU	TAD	TZA	13.34	9.80	35	35
							91	TFU	TAD	TZA	14.17	10.50	35	35
							91	TFU	TAD	TZA	14.17	10.50	35	35
							91	TFU	TAD	TZA	14.17	10.50	35	35
							91	TFU	TAD	TZA	14.17	10.50	35	35

1991
MCR3.0TSFBH2

VEHICLE TEST WEIGHT AND HORSEPOWER

ATTACHMENT TO SDS PG. 1
OF EXECUTIVE ORDER 9-214

VEHICLE MODEL	ENGINE/TRANS	WEIGHT TEST	LBS GVM	A	TIRE USE	DESCRIPTION	THD	MFG	COASTDOWN TIME	DYNC HP	TIRE F	FRES R		
ASKRS2	EFA	DGL	4000	0	Y	STD	91	TKN	TAD	TZA	15.63	10.60	35	35
						OPT	91	TFU	TAD	TZA	15.63	10.60	35	35
						OPT	91	TLF	TAD	TZA	15.63	10.60	35	35
						OPT	91	TP2	TAD	TZH	15.83	9.50	35	35
						OPT	91	TPU	TAD	TZH	15.83	9.50	35	35
						OPT	91	TLF	TAD	TZH	15.49	9.40	35	35
						CPT	91	TP1	TAD	TZA	14.70	9.30	35	35
						CPT	91	TF2	TAD	TZA	15.63	10.60	35	35