

File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-409-A
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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1999 model-year Chrysler Corporation exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Low-Emission Vehicle (LEV)

Fuel Type: Gasoline

Engine Family: XCRXV0122V30 Displacement: 2.0 Liters (122 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Three Way Catalytic Converter
- Heated Oxygen Sensors (two)
- Exhaust Gas Recirculation
- Sequential Multiport Fuel Injection

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

The LEV certification exhaust emission standards for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Organic Gas</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Formaldehyde</u>	<u>Carbon Monoxide (20°F)</u>
50,000	0.075	3.4	0.2	0.015	10.0
100,000	0.090	4.2	0.3	0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.94

The certification exhaust emission values set forth for non-methane organic gas (NMOG) reflect application of a 0.94 RAF for 1999 model-year LEVs. The LEV certification exhaust emission values for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Organic Gas</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Formaldehyde</u>	<u>Carbon Monoxide (20°F)</u>
50,000	0.036	0.6	0.1	0.001	7.3
100,000	0.041	0.7	0.1	0.001	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average NMOG exhaust mass emission requirements as set forth 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 under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, 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 and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) 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 (Title 13, California Code of Regulations, Section 2035 et seq.).

BE IT FURTHER RESOLVED: That the vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

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 21st day of May 1998.



R. B. Summerfield, Chief
Mobile Source Operations Division

Manufacturer: Chrysler Corporation Exh Eng Fam: XCRXV0122V30 Evap Fam: XCRXE0101G1A
 All Eng Codes in Eng Fam: CA X 49S 50S AB965 ORVR: YES NO X
 Lxh Std: CA Tier-1 TLEV LEV X ULEV SULEV ; US EPA Tier-1
 Veh Class(es): PC X LDT1 LDT2 MDV1 MDV2 MDV3 MDV4 MDV5
 Single Cert Std for Multi-Class Eng Fam: N/A (Specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)
 Fuel Type(s): Dedicated X Flex-Fuel Dual-Fuel Bi-Level Gasoline X Diesel
 CNG LNG LPG M85 Other (specify)
 Emis Test Fuel(s): Indo CBG X CNG LPG M85 Other(specify)
 Diesel: 13 CCR 2282 or 40 CFR 86.113-90 or 40 CFR 86.113-94
 Evaporative Emission Test Procedure: California Federal X
 Service Accum: Std AMA Mod AMA X Mfr ADP Other (Specify)
 NMOG Test Procedure: N/A Std Equip X R/L Test Proce: SHED Pt Source X
 Engine Configuration: I-4 Displacement: / 2.0 Liters / 122 Cubic Inches
 Valves per Cylinder: 4 Rated HP: 132 @ 6000 RPM
 Engine: Front X Mid Rear Drive: FWD X RWD 4WD-FT 4WD-PT
 Exhaust ECS (eg., EGR, MFI, TC, CAC): EGR, HO2S(2), SFI, TWC, OBDII
 (use abbreviations per SAE J1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (if coded see attachment)	Trans. Type M5 A4	ETW or Test Wt.	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Converter Part No.
CA-100 (CA)	PLDH22 PLDH42 PLDL42 PLPH22 PLPH42 PLPL42	A3	2875	S E E A T T A C H M E N T	05269820AE	04287602	04546980 04546980AB
	PLDL22 PLPL22		2750				

Date Issued: 03/25/98

Revisions: _____

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: XCRXV0122V30
Evaporative Fam: XCRXE0101G1A

Certificate #:

Model ID	Car Line	California Sales
PLDH22	Neon	YES
PLDH42	Neon	YES
PLDL22	Neon	YES
PLDL42	Neon	YES
PLPH22	Neon	YES
PLPH42	Neon	YES
PLPL22	Neon	YES
PLPL42	Neon	YES

Model Codes

JA C H 41

- Body Style
 - 22=2 door coupe
 - 27=2 door convertible
 - 41=4 door sedan
 - 42=4 door subcompact sedan
- Trim Level
 - H=High Line
 - P=Premium
 - S=Sport
 - L=Low Line
- Division
 - L,C=Chrysler
 - X=Eagle
 - D=Dodge
 - P=Plymouth
- Car Line
 - JA=Cirrus, Stratus, Breeze
 - JX=Sebring Convertible
 - LH=Concorde, New Yorker, LHS, Vision, Intrepid
 - SR=Viper, PR=Prowler
 - PL=Neon

1994
XCRXV0122V30

Chrysler Corporation
Family Tire Usage

ATTACHMENT TO SDS PAGE 1
OF EXECUTIVE ORDER A-9-409-A/B

MODEL	ENG	TRANS	A	C	MKT	LWM	TIRE	DESCRIPTION	USE	YR	COD	MFG	OPT	COAST	*DYNO			TIRE	COLD CO			ELECTRIC DYNO			COEFFICIENTS			ALW			COAST								
															HP	F	R		DOWN	TIME	HP	F	R	1 IS	20 DEG	B	SET A	B	C	1 IS	20 DEG	2 IS	50 DEG	WHEN	NEEDED	ETM	DOWN	TIME	HP
JADH41	ECB	DGL	FW	Y	0	C	3375	STD	99	TKA	TZH		17.70	5.6	30	30	35.50	0.02364																					
JAPH41	ECB	DGL	FW	Y	0	C	3375	STD	99	TKA	TZH		17.70	5.6	30	30	35.50	0.02364																					
PLDH22	ECB	DGC	FW	Y	0	C	2875	STD	99	TJY	TZA		14.65	6.1	32	32	41.42	0.02224																					
PLDH42	ECB	DGC	FW	Y	0	C	2875	OPT	99	TEW	TZA		14.64	6.0	32	32	42.93	0.02160																					
PLDL22	ECB	DGC	FW	Y	0	C	2750	STD	99	TEW	TZA		14.65	6.1	32	32	42.93	0.02224																					
PLDL42	ECB	DGC	FW	Y	0	C	2875	OPT	99	TEX	TZA		15.63	5.9	32	32	32.43	0.02160																					
PLPH22	ECB	DGC	FW	Y	0	C	2875	OPT	99	TEW	TZA		14.09	5.9	32	32	42.40	0.02167																					
PLPH42	ECB	DGC	FW	Y	0	C	2875	OPT	99	TJY	TZA		16.26	5.9	32	32	32.84	0.02167																					
PLPL22	ECB	DGC	FW	Y	0	C	2875	STD	99	TJY	TZA		14.64	6.0	32	32	42.93	0.02224																					
PLPL42	ECB	DGC	FW	Y	0	C	2875	OPT	99	TEW	TZA		14.65	6.1	32	32	41.42	0.02160																					
PLPL42	ECB	DGC	FW	Y	0	C	2750	STD	99	TEW	TZA		14.65	6.1	32	32	42.93	0.02224																					
PLPL42	ECB	DGC	FW	Y	0	C	2875	OPT	99	TEW	TZA		15.63	5.9	32	32	32.43	0.02160																					
PLPL42	ECB	DGC	FW	Y	0	C	2875	STD	99	TEX	TZA		14.09	5.9	32	32	42.40	0.02167																					
PLPL42	ECB	DGC	FW	Y	0	C	2875	OPT	99	TEW	TZA		16.26	5.9	32	32	32.84	0.02167																					
PLPL42	ECB	DGC	FW	Y	0	C	2875	OPT	99	TEW	TZA		14.64	6.0	32	32	42.93	0.02160																					

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - VB01 - 400 /

Report Date: 03/25/98
Time: 14:46:18