

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-344  
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 1997 model-year Chrysler Corporation exhaust emission control systems are certified as described below for passenger cars:

Emission Standard Category: Transitional Low-Emission Vehicle (TLEV)

Fuel Type: Gasoline

Engine Family: VCR122VJG2EK Displacement: 2.0 Liters (122 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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

The TLEV 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	0.125	3.4	0.4	0.015	10.0
100,000	0.156	4.2	0.6	0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.98

The certification exhaust emission values set forth for non-methane organic gas (NMOG) reflect application of a 0.98 RAF for 1997 model-year TLEVs. The TLEV 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	0.059	0.6	0.2	0.002	5.3
100,000	0.068	0.8	0.2	0.002	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 Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.2) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

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 25<sup>th</sup> day of June 1996.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

1997 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: VCR122VJG2EK Evap Fam: VCR1098AYP10  
 All Eng Codes in Eng Fam: CA  49S  50S  AB965   
 Std: CA Tier-1  TLEV  LEV  ULEV  ZEV ; US EPA Tier-1   
 Evap Std: 50K  Useful Life with R/L  In-Use Exh Std: Full In Use  Alt In Use   
 Veh Class(es): PC  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  Flex-Fuel  Dual-Fuel  Bi-Level  Gasoline  Diesel   
 CNG  LNG  LPG  M85  Other (specify) \_\_\_\_\_  
 Emis Test Fuel(s): Indo  Ph2  CNG  LPG  M85  Other(specify) \_\_\_\_\_  
 Diesel: 13 CCR 2282  or 40 CFR 86.113-90  or 40 CFR 86.113-94   
 Service Accum: Std AMA  Mod AMA  Mfr ADP  Other (Specify) \_\_\_\_\_  
 NMOG Test Procedure: N/A  Std  Equiv  R/L Test Proce: SHED  Pt Source   
 Hybrid: Type A  B  C  APU Cycle (e.g., Otto, Diesel, Turbine) \_\_\_\_\_  
 Engine Configuration: I-4 Displacement: \_\_\_\_\_ / 2.0 Liters \_\_\_\_\_ / 122 Cubic Inches  
 Valves per Cylinder: 4 Rated HP: 127 @ 5600 RPM  
 Engine: Front  Mid  Rear  Drive: FWD  RWD  4WD-FT  4WD-PT   
 Exhaust ECS (eg., EGR, MFI, TC, CAC): EGR, HO2S(2), SFI, TWC, OBDII  
 (use abbreviations per SAE J1930 SEP91)

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)	PLDH42	A3	2875	S E E  A T T A C H M E N T	05269980AA	04287603	04546669 05278542
	PLDL42						
	PLDS22						
	PLDS42						
	PLPH42						
	PLPL42						
	PLPS22						
	PLPS42						
	PLDH22						
PLPH22							
	PLDL22		2750A				
	PLPL22		2750				

Revisions: \_\_\_\_\_

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: VCR122VJG2EK  
Evaporative Fam: VCR108BAYP10

Certificate #:

Model ID	Car Line	California Sales
PLDH22	Neon	YES
PLDH42	Neon	YES
PLDL22	Neon	YES
PLDL42	Neon	YES
PLDS22	Neon	YES
PLDS42	Neon	YES
PLPH22	Neon	YES
PLPH42	Neon	YES
PLPL22	Neon	YES
PLPL42	Neon	YES
PLPS22	Neon	YES
PLPS42	Neon	YES

\* For U.S. Possessions the nameplate will read Chrysler

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 S=Sport
  - P=Premium L=Low Line
- Division
  - L=C-Chrysler D=Dodge
  - X=Eagle P=Plymouth
- Car Line
  - JA=Girrus, Stratus, Breeze PL=Neon
  - JX=Sebring Convertible
  - LH=Concorde, New Yorker, LHS, Vision, Intrepid
  - SR=Viper

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	C	GVW	TYPE	LWM	TIRE DESCRIPTION			MKT	COAST DOWN TIME	DYNO HP	COLD CO ELECTRIC DYNO COEFFICIENTS			TIRE PRES	COAST DOWN TIME	DYNO HP	TIRE PRES
								USE	YR	COD				SET A	B	C				
PLDH22	ECB	DGC	FW	Y	0	C	2875	STD	97	TJY	TZA	14.84	6.4	32	32	14.84	6.4	32	32	
PLDH42	ECB	DGC	FW	Y	0	C	2875	STD	97	TJY	TZA	14.84	6.4	32	32	14.84	6.4	32	32	
PLDL22	ECB	DGC	FW	Y	0	C	2750	STD	97	TEX	TZA	15.89	6.8	32	32	15.89	6.8	32	32	
PLDL42	ECB	DGC	FW	Y	0	C	2875	STD	97	TEX	TZA	16.60	6.8	32	32	16.60	6.8	32	32	
PLDS22	ECB	DGC	FW	Y	0	C	2875	STD	97	TEW	TZA	14.94	6.3	32	32	14.94	6.3	32	32	
PLDS42	ECB	DGC	FW	Y	0	C	2875	STD	97	TJM	TZA	15.52	6.1	32	32	15.52	6.1	32	32	
PLPH22	ECB	DGC	FW	Y	0	C	2875	STD	97	TJY	TZA	14.84	6.4	32	32	14.84	6.4	32	32	
PLPH42	ECB	DGC	FW	Y	0	C	2875	STD	97	TJY	TZA	14.84	6.4	32	32	14.84	6.4	32	32	
PLPL22	ECB	DGC	FW	Y	0	C	2750	STD	97	TEX	TZA	15.89	6.8	32	32	15.89	6.8	32	32	
PLPL42	ECB	DGC	FW	Y	0	C	2875	STD	97	TEX	TZA	16.60	6.8	32	32	16.60	6.8	32	32	
PLPS22	ECB	DGC	FW	Y	0	C	2875	STD	97	TEW	TZA	14.94	6.3	32	32	14.94	6.3	32	32	
PLPS42	ECB	DGC	FW	Y	0	C	2875	STD	97	TJM	TZA	15.52	6.1	32	32	15.52	6.1	32	32	

\* - For DYNO HP = 0.00  
Ref To FRONTAL AREA

/ 10. - VB01 - 400 /

Report Date: 02/21/98  
Time: 10:36:34