

File

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-383  
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 1998 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: WCRXV0195V20 Displacement: 3.2 Liters (195 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Exhaust Gas Recirculation
- Dual Three Way Catalytic Converters
- Dual Heated Oxygen Sensors (two)
- 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 1998 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	0.094	0.9	0.2	0.002	4.1
100,000	0.118	1.0	0.4	0.003	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 vehicle manufacturer is certifying the listed vehicle models to the "California Refueling Emission Standards and Test Procedures for 1998 and Subsequent Model Motor Vehicles," Title 13, California Code of Regulations, Section 1978, 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 11 day of September 1997.

  
R. B. Summerfield, Chief  
Mobile Source Operations Division

1998 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: WCRXV0195V20 Evap Fam: WCRXR0101G1G  
 All Eng Codes in Eng Fam: CA  49S  50S  AB965  ORVR: YES  NO   
 Std: CA Tier-1  TLEV  LEV  ULEV  SULEV ; US EPA Tier-1   
 Ven 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  CBG  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   
 Service Accum: Std AMA  Mod AMA  Mfr ADP  Other (Specify) \_\_\_\_\_  
 NMOG Test Procedure: N/A  Std  Equiv  R/L Test Proce: SHED  Pt Source   
 Engine Configuration: V-6 Displacement: \_\_\_\_\_ / 3.2 Liters \_\_\_\_\_ / 195 Cubic Inches  
 Valves per Cylinder: 4 Rated HP: \_\_\_\_\_ 210 @ 6400 RPM  
 Engine: Front  Mid  Rear  Drive: FWD  RWD  4WD-FT  4WD-PT   
 Exhaust ECS (eg., EGR, MFI, TC, CAC): 2HO2S(2), 2TWC, EGR, SFI, 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)	LHCH41	A4	3750	S E E	04606459AA	04591092AB	04581702AD 04581703AD
CA-200	LHDP41	A4		A T T A C H M E N T			

Date Issued: 08/27/97

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

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: WCRXV0195V20  
Evaporative Fam: WCRXR0101G1G

Certificate #:

California  
Sales  
-----  
YES  
YES

Model ID  
-----  
LHCH41  
LHDP41

Car Line  
-----  
Concorde  
Intrepid

\* - 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=Cirrus, Stratus, Breeze PL=Neon  
JX=Sebring Convertible  
LH=Concorde, New Yorker, LHS, Vision, Intrepid  
SR=Viper, PR=Prowler

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG TRANS	A	MKT	LVW	TIRE DESCRIPTION	COAST	*DYNO	HP	F	R	TIRE PRES	COLD CO ELECTRIC DYNO COEFFICIENTS			COAST	DOWN	*DYNO PRES	TIRE	
												ETW	HP	HP					ETW
LHCH41	ECM	DGX	FW	Y	0	C	3750	STD	98	TPB	TZA	19.93	5.3	35	35				
LHDP41	ECM	DHD	FW	Y	0	C	3750	OPT	98	TRU	TZA	18.64	5.2	35	35				
												18.64	5.2	35	35				

COEFFICIENTS  
SET A B C  
LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)

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

/ 10. - VF02 - 400 /

Report Date: 08/27/97  
Time: 14:08:59