

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-386
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 light-duty trucks:

Emission Standard Category: Low-Emission Vehicle (LEV)

Fuel Type: Gasoline

Engine Family: WCRXT0201230 Displacement: 3.3 Liters (201 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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

The non-methane organic gas (NMOG), carbon monoxide (CO), oxides of nitrogen (NOx), and formaldehyde (HCHO) LEV certification exhaust emission standards for this engine family in grams per mile are:

Loaded Vehicle Weight (lbs.)	Miles	NMOG	CO	NOx	HCHO	CO (20°F)
3751-5750	50,000	0.100	4.4	0.4	0.018	12.5
	100,000	0.130	5.5	0.5	0.023	n/a

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

The certification exhaust emission values set forth for NMOG reflect application of a 0.94 RAF for 1998 model-year LEVs. The LEV certification exhaust emission values for this engine family in grams per mile are:

Loaded Vehicle Weight (lbs.)	Miles	NMOG	CO	NOx	HCHO	CO (20°F)
3751-5750	50,000	0.078	0.7	0.2	0.003	3.9
	100,000	0.098	0.9	0.2	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 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 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."

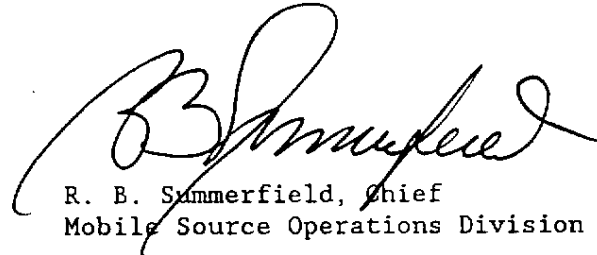
BE IT FURTHER RESOLVED: That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.2) ("Malfunction and Diagnostic System Requirements--1994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

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 2nd day of July 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

E.O. # A-9-386
Page 1 of 1

Manufacturer: Chrysler Corporation Exh Eng Fam: WCRXT0201230 Evap Fam: WCRXE0101G2A
 All Eng Codes in Eng Fam: CA X 49S 50S AB965 ORVR: YES NO X
 Exh Std: CA Tier-1 TLEV LEV X ULEV SULEV ; US EPA Tier-1
 Veh Class(es): PC LDT1 LDT2 X 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 Equiv X R/L Test Proce: SHED Pt Source X
 Engine Configuration: V-6 Displacement: / 3.3 Liters / 201 Cubic Inches
 Valves per Cylinder: 2 Rated HP: 158 @ 4850 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)	NSYP53	A4	4500	S E E	04727154AF	04287189	04809049
	NSHH52		4250	A T T A C H M E N T			
	NSHH53						
	NSHL53						
	NSKH52						
	NSKH53						
	NSKL53						
	NSKP52						
	NSKP53						
	NSYP52						
	NSHL52		4000				
	NSKL52						

Date Issued: 04/21/97

Revisions: 07/01/97 | | | | |
TD02-SDS/98

ADJUSTED LOADED VEHICLE MGT

LOADED VEHICLE WEIGHT

DEL ENG TRANS C GWV TYPE ETW MKT LVM TIRE DESCRIPTION USE YR COD MFG OPT TIRE COAST *DYNO HP F R TIRE PRES F R

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

ALVH DOWN *DYNO PRES
ETW TIME HP F R

DEL	ENG	TRANS	C	GWV	TYPE	ETW	MKT	LVM	TIRE DESCRIPTION	USE YR	COD	MFG	OPT	TIRE	COAST	*DYNO	HP	F	R	TIRE	PRES	F	R	TARGET A	B	C	ELECTRIC DYNO COEFFICIENTS	SET A	B	C	ALVH	DOWN	*DYNO	PRES									
	H52	EGA	DGL	FV	Y	0	C	4250	STD 98 TMR TZH					17.48	9.1	35	35																										
									OPT 98 TMR TZA					17.08	9.6	35	35																										
	H53	EGA	DGL	FV	Y	0	C	4250	STD 98 TMR TZH					17.48	9.1	35	35																										
									OPT 98 TMR TZA					17.08	9.6	35	35																										
	1L52	EGA	DGL	FV	Y	0	C	4000	STD 98 TLP TZA					15.83	9.5	35	35																										
									OPT 98 TMR TZA					16.21	9.5	35	35																										
									OPT 98 TMR TZH					16.60	9.0	35	35																										
	1L53	EGA	DGL	FV	Y	0	C	4250	STD 98 TLP TZA					16.68	9.5	35	35																										
									OPT 98 TMR TZA					17.08	9.6	35	35																										
									OPT 98 TMR TZH					17.48	9.1	35	35																										
	H52	EGA	DGL	FV	Y	0	C	4250	STD 98 TMR TZH					17.48	9.1	35	35																										
									OPT 98 TMR TZA					16.56	10.1	35	35																										
									OPT 98 TMR TZH					17.08	9.6	35	35																										
	H53	EGA	DGL	FV	Y	0	C	4250	STD 98 TMR TZH					17.48	9.1	35	35																										
									OPT 98 TMR TZA					17.08	9.6	35	35																										
	L52	EGA	DGL	FV	Y	0	C	4000	STD 98 TLP TZA					15.83	9.5	35	35																										
									OPT 98 TMR TZA					16.21	9.5	35	35																										
									OPT 98 TMR TZH					16.60	9.0	35	35																										
	L53	EGA	DGL	FV	Y	0	C	4250	STD 98 TLP TZA					16.68	9.5	35	35																										
									OPT 98 TMR TZA					17.08	9.6	35	35																										
									OPT 98 TMR TZH					17.48	9.1	35	35																										
	CP52	EGA	DGL	FV	Y	0	C	4250	STD 98 TLP TZA					16.68	9.5	35	35																										
									OPT 98 TMR TZA					17.08	9.6	35	35																										
									OPT 98 TMR TZH					17.48	9.1	35	35																										
	CP53	EGA	DGL	FV	Y	0	C	4250	STD 98 TMR TZH					16.56	10.1	35	35																										
									OPT 98 TMR TZA					17.08	9.6	35	35																										
									OPT 98 TMR TZH					17.48	9.1	35	35																										
	YP52	EGA	DGL	FV	Y	0	C	4250	STD 98 TMS TZH					16.56	10.1	35	35																										
									OPT 98 TMR TZA					17.08	9.6	35	35																										
									OPT 98 TMR TZH					17.48	9.1	35	35																										
	YP53	EGA	DGL	FV	Y	0	C	4500	STD 98 TMS TZH					17.17	10.5	35	35																										
									OPT 98 TMR TZA					17.67	9.9	35	35																										
									OPT 98 TMR TZH					18.06	9.3	35	35																										

0.03123 2.68 0.2542 0.02594
0.02635 -2.87 0.5882 0.01991

48.56
44.14

Report Date: 05/23/97
Time: 15:36:31

/ 10. - TD02 - 400 /

- For DYNO HP = 0.00
Ref to FRONTAL AREA

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: WCRXT0201230
Evaporative Fam: WCRXE0101G2A

Certificate #:

Model ID	Car Line	California Sales
MSKH52	Caravan 2WD	YES
MSKL52	Caravan 2WD	YES
MSKP52	Caravan LE 2WD	YES
MSKL53	Grand Caravan LE 2WD	YES
MSKP53	Grand Caravan LE 2WD	YES
MSKH53	Grand Caravan SE 2WD	YES
MSYP53	Town & Country 2WD	YES
MSYP52	Town & Country LX 2WD	YES
MSHL53	Voyager 2WD	YES
MSHH53	Voyager LE 2WD	YES
MSHH52	Voyager SE 2WD	YES
MSHL52	Voyager SE 2WD	YES

Model Codes
NS K P 53

--- Body Style
12=113" Wb Van
13=119" Wb Van
52=113" Wb Wagon
53=119" Wb Wagon

----- Price Class
H=High Line
P=Premium
L=Low Line

----- Model
K=Dodge
H=Plymouth
Y=Chrysler

----- Body Code
D=Dodge AWD
P=Plymouth AWD
C=Chrysler AWD
NS=Minivan