State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-384
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:

Fuel Type: Gasoline

Engine Family: WCRXT02.42BO Displacement: 2.4 Liters (148 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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

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

Loaded Vehicle Weight(lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.32	4.4	0.7	12.5
	100,000	0.40	5.5	0.97	n/a

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

Loaded Vehicle Weight(lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.09	1.8	0.2	7.3
	100,000	0.12	2.6	0.22	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 non-methane organic gas (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 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 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").

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 18th day of July 1997.

Raphael Susnowitz

for R. B. Summerfield, Chief
Mobile Source Operations Division

E.O. # A-9-384
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1998 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: WCRXT02.42B0 Evap Fam: WCRXE0101G2A
All Eng Codes in Eng Fam: CA X 49S X 50S ____ AB965 ____ ORVR: YES ____ NO X
Exh Std: CA Tier-1 X TLEV ____ LEV ____ ULEV ____ SULEV ____: US EPA Tier-1 X
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 X Std ____ Equiv ____ R/L Test Proce: SHED ____ Pt Source X
Engine Configuration: I-4 Displacement: ____ / 2.4 Liters ____ / 148 Cubic Inches
Valves per Cylinder: 4 Rated HP: 150 @ 5200 RPM
Engine: Front X Mid ____ Rear ____ Drive: FWD X RWD ____ 4WD-FT ____ 4WD-PT ____
Exhaust ECS (eg., EGR, MFI, TC, CAC): 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)	NSHH52 NSKH52	A4	4000	SEE ATTACHMENT	04727251AC	-----	04682995AC 04682996AC
	NSHH53 NSKH53		4250				
CA-200	NSHL52 NSKL52	A3	4000				
	NSKL53 NSHL53		4250				

Date Issued: 07/02/97
Revisions: 7/10/97
TA01-SCS/98

MODEL	ENG	TRANS	A/C	GVW	MKT TYPE	LVW ETW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R	COLD CO ELECTRIC DYNO COEFFICIENTS TARGET A	B	C	SET A	B	C	ALVW ETW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R
																LOADED VEHICLE WEIGHT (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)						ADJUSTED LOADED VEHICLE WGT				
NSHH52	EDZ	DGL	FW Y 0		C	4000	STD	98	TMR	TZA		16.21	9.5	35	35											
							OPT	98	TM3	TZA		16.15	9.3	35	35											
							OPT	98	TMR	TZH		16.60	9.0	35	35											
NSHH52	EDZ	DGL	FW Y 0		F	4000	STD	98	TMR	TZA		16.21	9.5	35	35											
							OPT	98	TM3	TZA		16.15	9.3	35	35											
							OPT	98	TMR	TZH		16.60	9.0	35	35											
NSHH53	EDZ	DGL	FW Y 0		C	4250	STD	98	TMR	TZA		17.08	9.6	35	35											
							OPT	98	TM3	TZA		17.00	9.4	35	35											
							OPT	98	TMR	TZH		17.48	9.1	35	35											
NSHH53	EDZ	DGL	FW Y 0		F	4250	STD	98	TMR	TZA		17.08	9.6	35	35											
							OPT	98	TM3	TZA		17.00	9.4	35	35											
							OPT	98	TMR	TZH		17.48	9.1	35	35											
NSHL52	EDZ	DGC	FW Y 0		C	4000	STD	98	TLP	TZA		16.65	9.5	35	35											
							OPT	98	TM3	TZA		16.64	9.1	35	35											
							OPT	98	TMR	TZA		16.67	9.5	35	35											
							OPT	98	TMR	TZH		16.79	9.1	35	35											
NSHL52	EDZ	DGC	FW Y 0		F	4000	STD	98	TLP	TZA		16.65	9.5	35	35											
							OPT	98	TM3	TZA		16.64	9.1	35	35											
							OPT	98	TMR	TZA		16.67	9.5	35	35											
							OPT	98	TMR	TZH		16.79	9.1	35	35											
NSHL53	EDZ	DGC	FW Y 0		C	4250	STD	98	TLP	TZA		17.54	9.6	35	35											
							OPT	98	TM3	TZA		17.53	9.2	35	35											
							OPT	98	TMR	TZA		17.58	9.6	35	35											
							OPT	98	TMR	TZH		17.70	9.2	35	35											
NSHL53	EDZ	DGC	FW Y 0		F	4250	STD	98	TLP	TZA		17.54	9.6	35	35											
							OPT	98	TM3	TZA		17.53	9.2	35	35											
							OPT	98	TMR	TZA		17.58	9.6	35	35											
							OPT	98	TMR	TZH		17.70	9.2	35	35											
NSKH52	EDZ	DGL	FW Y 0		C	4000	STD	98	TMR	TZA		16.21	9.5	35	35											
							OPT	98	TM3	TZA		16.15	9.3	35	35											
							OPT	98	TMR	TZH		16.60	9.0	35	35											
NSKH52	EDZ	DGL	FW Y 0		F	4000	STD	98	TMR	TZA		16.21	9.5	35	35											
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NSKH53	EDZ	DGL	FW Y 0		C	4250	STD	98	TMR	TZA		17.08	9.6	35	35											
							OPT	98	TM3	TZA		17.00	9.4	35	35											
							OPT	98	TMR	TZH		17.48	9.1	35	35											
NSKH53	EDZ	DGL	FW Y 0		F	4250	STD	98	TMR	TZA		17.08	9.6	35	35											
							OPT	98	TM3	TZA		17.00	9.4	35	35											
							OPT	98	TMR	TZH		17.48	9.1	35	35											
NSKL52	EDZ	DGC	FW Y 0		C	4000	STD	98	TLP	TZA		16.65	9.5	35	35											
							OPT	98	TM3	TZA		16.64	9.1	35	35											
							OPT	98	TMR	TZA		16.67	9.5	35	35											

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

Report Date: 04/18/97
Time: 09:31:43

MODEL	ENG	TRANS	A/C	GVW	MKT TYPE	LVW ETW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R	COLD CO ELECTRIC DYNO COEFFICIENTS TARGET A B C SET A B C (LINE 1 IS 20 DEG COEFFS,LINE 2 IS 50 DEG WHEN NEEDED)	ADJUSTED LOADED VEHICLE WGT ALVW ETW	ADJUSTED LOADED VEHICLE WGT COAST DOWN TIME	ADJUSTED LOADED VEHICLE WGT *DYNO HP	ADJUSTED LOADED VEHICLE WGT TIRE PRES F	ADJUSTED LOADED VEHICLE WGT TIRE PRES R
							OPT	98	TMR	TZH		16.79	9.1	35	35						
NSKL52	EDZ	DGC FW	Y	0	F	4000	STD	98	TLP	TZA		16.65	9.5	35	35						
							OPT	98	TM3	TZA		16.64	9.1	35	35						
							OPT	98	TMR	TZA		16.67	9.5	35	35						
							OPT	98	TMR	TZH		16.79	9.1	35	35						
NSKL53	EDZ	DGC FW	Y	0	C	4250	STD	98	TLP	TZA		17.54	9.6	35	35						
							OPT	98	TM3	TZA		17.53	9.2	35	35						
							OPT	98	TMR	TZA		17.58	9.6	35	35						
							OPT	98	TMR	TZH		17.70	9.2	35	35						
NSKL53	EDZ	DGC FW	Y	0	F	4250	STD	98	TLP	TZA		17.54	9.6	35	35						
							OPT	98	TM3	TZA		17.53	9.2	35	35						
							OPT	98	TMR	TZA		17.58	9.6	35	35						
							OPT	98	TMR	TZH		17.70	9.2	35	35						

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

MODELS COVERED BY CERTIFICATE

ATTACHMENT TO SDS PAGE 3
OF EXECUTIVE ORDER A-9-384

Vehicle MFR: CHRYSLER

Engine Family: WCRXT02.42B0
Evaporative Fam: WCRXE0101G2A

Certificate #:

Model ID	Car Line	California Sales
NSKH52	Caravan 2WD	YES
NSKL52	Caravan 2WD	YES
NSKL53	Grand Caravan LE 2WD	YES
NSKH53	Grand Caravan SE 2WD	YES
NSHL53	Voyager 2WD	YES
NSHH53	Voyager LE 2WD	YES
NSHH52	Voyager SE 2WD	YES
NSHL52	Voyager SE 2WD	YES

Model Codes
NS K P 53

- 53 — Body Style
  - 12=113" wb Van
  - 13=119" wb Van
  - 52=113" wb Wagon
  - 53=119" wb Wagon
- P — Price Class
  - H=High Line
  - P=Premium
  - L=Low Line
  - S=Luxury
- K — Model
  - K=Dodge D=Dodge AWD
  - H=Plymouth P=Plymouth AWD
  - Y=Chrysler C=Chrysler AWD
- NS — Body Code
  - NS=Minivan