File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-308
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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1996 model-year Chrysler Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: TCR23228G1EK Displacement: 3.3 Liters (201 Cubic Inches)
3.8 Liters (232 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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
3751-5750	50,000	0.32	4.4	0.7
	100,000	0.40	5.5	0.97

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
3751-5750	50,000	0.14	1.3	0.2
	100,000	0.16	1.4	0.25

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 50,000-mile evaporative emission standards applicable to 1980 through 1994 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, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles."

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 listed 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.).

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 6th day of February, 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-9-308
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1996 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Engine Family: TCR23228G1EK
Evap Std: 50K X Useful Life with R/L____ Evap Engine Family: TCR1098AYP0A
Exh Std: Tier-0____ Tier-1 X TLEV____ LEV____ ULEV____ ZEV____ ; EPA Tier-0____ Tier-1____
Veh Class(es): PC____ LDT1____ LDT2 X MDV1____ MDV2____ MDV3____ MDV4____ MDV5____
Single Cert Std for Multi-Class Eng Fam: _____ (Specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)
Exh Cert Fuel(s): Indo X Ph2____ Diesel: 13 CCR 2282____ or 40 CFR 86.113-90___ or -94___
M85____ CNG____ LPG____ Other (specify) _____
Fuel Type(s): Dedicated X Flex-Fuel____ Dual-Fuel____ Gasoline X Diesel____ M85____
CNG____ LNG____ LPG____ Other (specify)_____
Hybrid: Type A___ B___ C___, APU Cycle (e.g., Otto, Diesel, Turbine)_____
Engine Configuration: V-6 Displacement: 3.3 / 3.8 Liters 201 / 232 Cubic Inches
Engine: Front X Mid____ Rear____ Drive: FWD X RWD____ 4WD-FT X 4WD-PT____
Exhaust ECS (eg., EGR, MFI, TC, CAC): EGR, TWC, SFI, HO2S(2), OBDII

(use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (if coded see attachment)	Trans. Type A-automatic M-manual	ETW or Test Wt.	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Converter Part No.
CA-100	NSHH52	A	4250		04727116	04287189	04682430
(CA)	NSHH53						04682433
	NSKH52						
	NSKH53						
	NSKP52						
	NSKP53						
	NSYP52		-------				
	NSYP53		4500				
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CA-300	NSHH53				04748106		
(CA)	NSKH53						
	NSKP53						
	NSYP53						
	NSYS53						
	NSCP52						
	NSCP53						
	NSCS53						
	NSPH53						
	NSDP52						
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CA-400	NSCH53		4750		04748108		
(CA)	NSCP52						
	NSCP53						
	NSCS53						
	NSDH53						
	NSDP52						
	NSDP53						
	NSPH53						

Date Issued: 01/06/95
Revisions: 01/12/95| | | |

SDS4/master1.96

FILE INDEX:

CALIFORNIA EMISSION DATA VEHICLES

VEHICLE MFR: CHRYSLER

ENG MFR: CHRYSLER

ENGINE FAM: TCR23228G1EK
EVAP FAM: TCR1098AYP0A
EXHAUST CONTROL SYSTEM: TWC(2), HO2S, EGR, SFI
EVAP. CONTROL SYSTEM: CANISTER
ENGINE DISPLACEMENT: 3.3L /3.8L (201)/(232)

CERTIFICATE #: CHRYSLER LDT

MODEL NAME	MODEL CODE
Caravan 2WD	NSKH52 NSKH53 NSKP52 NSKP53
Caravan 4WD	NSDH53 NSDP52 NSDP53
Chrysler Town & Country 2WD	NSYP52 NSYP53
Chrysler Town & Country 4WD	NSCH53 NSCP52 NSCP53 NSCS53
Voyager 2WD	NSHH52 NSHH53
Voyager 4WD	NSPH53

N S K P 5 3

- 5 3 — BODY STYLE: 52 = SWB Wagon; 53 = LWB Wagon
- P — TRIM LEVEL: H = High Line; P = Premium; S = Limited
- K — DIVISION: C = Chrysler 4WD; D = Dodge 4WD; H = Plymouth 2WD; K = Dodge 2WD; P = Plymouth 4WD; Y = Chrysler 4WD
- N S — TRUCK LINE; Chrysler Town & Country; Dodge Caravan; Plymouth Voyager

SWB = Short Wheel Base
LWB = Long Wheel Base
2WD = Front Wheel Drive
4WD = (AWD) All Wheel Drive

1996

Chrysler Corporation

TCR23228G1EK

FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/ TRANS	WEIGHT TEST	LBS GVW	A C	TIRE DESCRIPTION USE	YR	CODE	TRD	MFG	COASTDOWN TIME SEC	*DYNO HP	TIRE F	PRES R
NSCH53	EGH DGL 4W	4750	0	Y	STD	96	TM3	TAD	TZA	16.23	9.80	35	35
					OPT	96	TM5	TAD	TZH	15.11	11.10	35	35
NSCP52	EGH DGL 4W	4500	0	Y	STD	96	TM5	TAD	TZH	14.46	11.00	35	35
NSCP53	EGH DGL 4W	4750	0	Y	STD	96	TM3	TAD	TZA	16.23	9.80	35	35
					OPT	96	TM5	TAD	TZH	15.11	11.10	35	35
NSCS53	EGH DGL 4W	4750	0	Y	STD	96	TM5	TAD	TZH	15.11	11.10	35	35
NSDH53	EGH DGL 4W	4750	0	Y	STD	96	TM3	TAD	TZA	16.23	9.80	35	35
NSDP52	EGH DGL 4W	4500	0	Y	STD	96	TM5	TAD	TZH	14.46	11.00	35	35
NSDP53	EGH DGL 4W	4750	0	Y	STD	96	TM3	TAD	TZA	16.23	9.80	35	35
					OPT	96	TM5	TAD	TZH	15.11	11.10	35	35
NSHH52	EGA DGL FW	4250	0	Y	STD	96	TMR	TAD	TZA	15.97	9.30	35	35
					STD	96	TMR	TAD	TZH	16.50	7.20	35	35
NSHH53	EGA DGL FW	4250	0	Y	STD	96	TMR	TAD	TZA	15.97	9.30	35	35
					STD	96	TMR	TAD	TZH	16.50	7.20	35	35
NSHH53	EGH DGL FW	4500	0	Y	STD	96	TMR	TAD	TZA	16.44	9.20	35	35
					STD	96	TMR	TAD	TZH	16.99	7.00	35	35
NSKH52	EGA DGL FW	4250	0	Y	STD	96	TMR	TAD	TZA	15.97	9.30	35	35
					STD	96	TMR	TAD	TZH	16.50	7.20	35	35
NSKH53	EGA DGL FW	4250	0	Y	STD	96	TMR	TAD	TZA	15.97	9.30	35	35
					STD	96	TMR	TAD	TZH	16.50	7.20	35	35
NSKH53	EGH DGL FW	4500	0	Y	STD	96	TMR	TAD	TZA	16.44	9.20	35	35
					STD	96	TMR	TAD	TZH	16.99	7.00	35	35
NSKP52	EGA DGL FW	4250	0	Y	STD	96	TMR	TAD	TZH	16.50	7.20	35	35
					OPT	96	TM5	TAD	TZH	15.68	8.30	35	35
NSKP52	EGH DGL FW	4250	0	Y	STD	96	TMR	TAD	TZA	15.97	9.30	35	35
					STD	96	TMR	TAD	TZH	16.50	7.20	35	35
					OPT	96	TM5	TAD	TZH	15.68	8.30	35	35
NSKP53	EGA DGL FW	4250	0	Y	STD	96	TMR	TAD	TZA	15.97	9.30	35	35
					OPT	96	TM5	TAD	TZH	15.68	8.30	35	35
NSKP53	EGH DGL FW	4500	0	Y	STD	96	TMR	TAD	TZA	16.44	9.20	35	35
					STD	96	TMR	TAD	TZH	16.99	7.00	35	35
					OPT	96	TM5	TAD	TZH	16.13	8.30	35	35
NSPH53	EGH DGL 4W	4500	0	Y	STD	96	TM3	TAD	TZA	15.52	9.70	35	35
NSYP52	EGA DGL FW	4250	0	Y	STD	96	TMR	TAD	TZH	16.50	7.20	35	35
					OPT	96	TM5	TAD	TZH	15.68	8.30	35	35
NSYP52	EGH DGL FW	4250	0	Y	STD	96	TMR	TAD	TZA	15.97	9.30	35	35
					STD	96	TMR	TAD	TZH	16.50	7.20	35	35
					OPT	96	TM5	TAD	TZH	15.68	8.30	35	35
NSYP53	EGA DGL FW	4500	0	Y	STD	96	TMR	TAD	TZH	16.99	7.00	35	35
					OPT	96	TM5	TAD	TZH	16.13	8.30	35	35
NSYP53	EGH DGL FW	4500	0	Y	STD	96	TM5	TAD	TZH	16.13	8.30	35	35
					STD	96	TMR	TAD	TZA	16.44	9.20	35	35
					STD	96	TMR	TAD	TZH	16.99	7.00	35	35
NSYS53	EGH DGL FW	4500	0	Y	STD	96	TM5	TAD	TZH	16.13	8.30	35	35

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - T001 - 400 /

Report Date: 11/29/94
Time: 14:44:46

1996
TCR23228G1EK

Chrysler Corporation
FAMILY TIRE DESCRIPTION

TIRE DESCRIPTION YR	COD	TRD	MFG	NAME	SIZE	RPM	CONSTRUCTION COD	TREAD MATERIAL	PLY	SW	SIDEWALL MATERIAL	PLY	OVERLAY MATERIAL	PLY	TREAD DEPTH (IN.) X 1/32
96	TM3	TAD	TZA	CONQUEST	P215/70R15	780	SBR	2-STEEL/2-POLYESTER	4	BSW	Polyester	2	Nylon	1	10
96	TM5	TAD	TZH	MX4	215/65R18	778	SBR	2-STEEL/1-POLYESTER	3	BSW	Polyester	1	Nylon	2	08
96	TMR	TAD	TZA	CONQUEST	P215/65R15	804	SBR	2-STEEL/2-POLYESTER	4	BSW	Polyester	2	Nylon	1	10
96	TMR	TAD	TZH	XW4	P215/65R15	804	SBR	2-STEEL/1-POLYESTER	3	BSW	Polyester	1	Nylon	1	08

Report Date: 11/29/94
Time: 14:44:46