

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-321-A
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 1996 model-year Chrysler Corporation exhaust emission control systems are certified as described below for light-duty trucks:

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

Fuel Type: Gasoline

Engine Family: TCR20128G2FL Displacement: 3.3 Liters (201 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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

<u>Loaded Vehicle Weight (lbs.)</u>	<u>Miles</u>	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>	<u>HCHO</u>	<u>CO (20°F)</u>
3751-5750	50,000	0.160	4.4	0.7	0.018	12.5
	100,000	0.200	5.5	0.9	0.023	n/a

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

The certification exhaust emission values set forth for NMOG reflect application of a 0.98 RAF for 1996 model-year TLEVs. The TLEV certification exhaust emission values for this engine family in grams per mile are:

<u>Loaded Vehicle Weight (lbs.)</u>	<u>Miles</u>	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>	<u>HCHO</u>	<u>CO (20°F)</u>
3751-5750	50,000	0.110	1.2	0.2	0.001	3.0
	100,000	0.136	1.9	0.2	0.001	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 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."

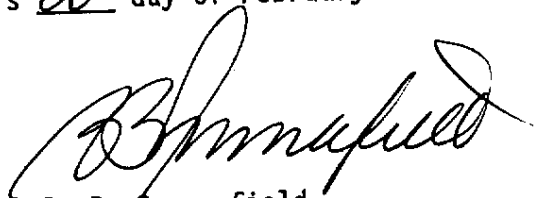
BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et 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)(6.1) ("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 20th day of February 1996.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1996 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: TCR20128G2FL Evap Fam: TCR1098AYP1A
 Eng Codes in Eng Fam: CA X 49S _____ 50S _____ AB965 _____
 Exh Std: CA Tier-1 _____ TLEV X LEV _____ ULEV _____ ZEV _____; US EPA Tier-1 X _____
 Evap Std: 50K _____ Useful Life with R/L X In-Use Exh Std: Full In Use X Alt In Use _____
 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 _____ Ph2 X 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 _____ Equip X R/L Test Proce: SHED _____ Pt Source _____
 Hybrid: Type A _____ B _____ C _____ APU Cycle (e.g., Otto, Diesel, Turbine) Otto
 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, TWC, SFI, HO2S(2)
 (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-104 (CA)	NSHH52 NSHH53 NSKH52 NSKH53 NSKP52 NSKP53 NSYP52 NSYP53	A4	4250 4500	S E E A T T A C H M E N T	04727177	04287189	04682888

Date Issued: 01/24/96
 Revisions: _____

Chrysler Corporation
Family Tire Usage

1996
TCR201282FL

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	MKT	C	GYW	TYPE	LVW	TIRE DESCRIPTION USE YR COD MFG OPT	COAST DOWN	*DYNO HP	TIRE PRES	F	R	TARGET A (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)	C	B	A	SET	C	COAST DOWN	TIME	HP	F	R	TIRE PRES	ADJUSTED LOADED VEHICLE WGT	
																												ALVW
NSKH52	EGA	DGL	FW	Y	0	C	C	4250	STD 96 TMR TZH	16.78	8.9	35	35															
									OPT 96 TMR TZA	16.69	10.1	35	35															
NSKH53	EGA	DGL	FW	Y	0	C	C	4250	STD 96 TMR TZH	16.78	8.9	35	35															
									OPT 96 TMR TZA	16.69	10.1	35	35															
NSKH52	EGA	DGL	FW	Y	0	C	C	4250	STD 96 TMR TZH	16.78	8.9	35	35															
									OPT 96 TMS TZH	16.27	9.0	35	35															
									OPT 96 TMR TZA	16.69	10.1	35	35															
NSKH53	EGA	DGL	FW	Y	0	C	C	4250	STD 96 TMR TZH	16.78	8.9	35	35															
									OPT 96 TMR TZA	16.69	10.1	35	35															
NSKP52	EGA	DGL	FW	Y	0	C	C	4250	STD 96 TMR TZH	16.78	8.9	35	35															
									OPT 96 TMS TZH	16.27	9.0	35	35															
NSKP53	EGA	DGL	FW	Y	0	C	C	4250	STD 96 TMR TZH	16.78	8.9	35	35															
									OPT 96 TMS TZH	16.27	9.0	35	35															
NSYP52	EGA	DGL	FW	Y	0	C	C	4250	STD 96 TMR TZH	16.78	8.9	35	35															
									OPT 96 TMS TZH	16.27	9.0	35	35															
NSYP53	EGA	DGL	FW	Y	0	C	C	4500	STD 96 TMR TZH	17.27	8.9	35	35															
									OPT 96 TMS TZH	16.74	9.0	35	35															

11.2600 0.0022 1.0274

20.4600 -0.1798 0.03211

Report Date: 01/24/96
Time: 14:52:53

/ 10. - TD07 - 400 /

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

1996
TCR20128G2FL

Chrysler Corporation
FAMILY TIRE DESCRIPTION

Attachment To SDS Pg. 2 of 3
Executive Order A-9 321-A

TIRE DESCRIPTION	CONSTRUCTION	RPM	CONSTRUCTION	P	L	SW	SIDEWALL MATERIAL	P	L	OVERLAY	P	L	X	TREAD DEPTH (IN.)
YR COD MFG OPT NAME	COD TREAD MATERIAL		Y SW	Y SW	Y SW	Y SW	Y SW	Y SW	Y SW	Y SW	Y SW	Y SW	Y SW	Y SW
98 TMS TZH 96 TMR TZA 96 TMR TZH	778 SBR 2-STEEL/1-POLYESTER 804 SBR 2-Steel/2-Polyester 804 SBR 2-Steel/1-Polyester	778 804 804	3 BSW Polyester 4 BSW Polyester 3 BSW Polyester	Y	Y	Y	1 Nylon 2 Nylon 1 Nylon	Y	Y	Y	Y	Y	Y	2 08 1 10 1 08
	SIZE													
	215/65R16 P215/65R15 P215/65R15													
	MX4 CONQUEST XW4													

Report Date: 01/24/96
Time: 14:52:53

10 - T007 - 401 /

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: TCR20128G2FL
Evaporative Fam: TCR1098AYPOA

Certificate #:

Model ID	Car Line	California Sales
NSKH52	Caravan (2WD)	YES
NSKP52	Caravan (2WD)	YES
NSKH53	Grand Caravan (2WD)	YES
NSKP53	Grand Caravan (2WD)	YES
NSHH53	Grand Voyager (2WD)	YES
NSYP52	Town & Country (2WD)	YES
NSYP53	Town & Country (2WD)	YES
NSHH52	Voyager (2WD)	YES

Model Codes

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