

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-329  
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:

Fuel Type: Gasoline

Engine Family: TCR18128G1EK Displacement: 3.0 Liters (181 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 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	0.13	1.2	0.1	7.4
	100,000	0.15	1.5	0.16	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 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).

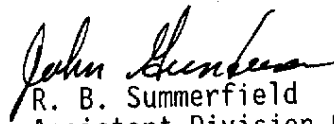
BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et 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 7 day of July 1995.

  
R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division



Chrysler Corporation

FAMILY TIRE USAGE

TCR18128G1EK

VEHICLE MODEL	ENGINE/TRANS	WEIGHT TEST	LBS GVM	A	TIRE USE	DESCRIPTION	TRD	MFG	COASTDOWN TIME SEC	*DYNO HP	TIRE F	PRES R
NSRH52	EFA DGM FW	4250		0	Y	STD 96 TMR	TAD	TZA	17.69	8.80	35	35
NSRH53	EFA DGM FW	4250		0	Y	STD 96 TMR	TAD	TZH	17.71	7.40	35	35
NSHL52	EFA DGM FW	4000		0	Y	STD 96 TMR	TAD	TZA	17.69	8.80	35	35
NSHL53	EFA DGM FW	4000		0	Y	STD 96 TMR	TAD	TZH	17.71	7.40	35	35
NSKH52	EFA DGM FW	4250		0	Y	STD 96 TMR	TAD	TZA	15.38	9.50	35	35
NSKH53	EFA DGM FW	4250		0	Y	STD 96 TMR	TAD	TZH	17.09	8.60	35	35
NSKL52	EFA DGM FW	4000		0	Y	STD 96 TMR	TAD	TZA	15.38	9.50	35	35
NSKL53	EFA DGM FW	4000		0	Y	STD 96 TMR	TAD	TZH	17.09	8.60	35	35

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/ 10. - TC02 - 400 /

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

Chrysler Corporation  
 FAMILY TIRE DESCRIPTION

1996  
 TCR18128G1EK

TIRE DESCRIPTION	SIZE	RPM	CONSTRUCTION	P L Y SW	SIDEWALL MATERIAL	P L Y OVERLAY MATERIAL	P L Y (IN.)	TREAD DEPTH
96 TLP TAD TZA CONQUEST	P205/75R14	800	SBR 2-STEEL/2-POLYESTER	4 BSW	Polyester	2 Nylon	1	10
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

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MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER  
 Engine Family: TCR18128G1EK  
 Evaporative Fam: TCR1098AYPOA

Certificate #:

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

Model Codes

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

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

Manufacturer: Chrysler Corporation Exh Eng Fam: TCR18128G1EK Evap Fam: TCR1098AYP0A  
 All Eng Codes in Eng Fam: CA X 49S        50S        AB965         
 Exh Std: CA Tier-1 X TLEV        LEV        ULEV        ZEV       ; US EPA Tier-1 X  
 Evap Std: 50K X Useful Life with R/L        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        Equiv X R/L Test Proce: SHED        Pt Source         
 Hybrid: Type A        B        C       , APU Cycle (e.g., Otto, Diesel, Turbine)         
 Engine Configuration: V-6 Displacement:        / 3.0 Liters        / 181 Cubic Inches  
 Valves per Cylinder: 2 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): 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 M4	ETW or Test Wt.	DPA or RI/HP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Converter Part No.
CA-100 (CA)	NSHL52 NSHL53 NSKL52 NSKL53	A3	4000	S E E  A T T A C H M E N T	04748143	05281755	04682559 04682561
	NSHH52 NSHH53 NSKH52 NSKH53		4250				

Date Issued: \_\_\_\_\_  
 Revisions: \_\_\_\_\_



MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: TC1812631EK  
 Evaporative Fsm: TC181096AYFDA

Certificate #:

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

Model Codes  
 NS K P 53

Body Style  
 12=113" Wb Van  
 13=118" Wb Van  
 52=113" Wb Wagon  
 53=119" Wb Wagon

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

Model  
 K=Dodge AWD  
 H=Plymouth AWD  
 Y=Chrysler C=Chrysler AWD

Body Code  
 NS=Minivan