

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-453  
Relating to Certification of New Motor Vehicles

DAIMLERCHRYSLER 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 2000 model-year DaimlerChrysler Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: YCRXT03.82B0 Displacement: 3.8 Liters (232 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
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:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
3751-5750	50,000	0.12	1.4	0.2	7.9
	100,000	0.14	1.7	0.23	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).

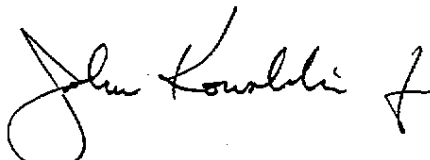
BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et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

BE IT FURTHER RESOLVED: That the listed vehicle 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.

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 23<sup>rd</sup> day of June 1999.



R. B. Summerfield, Chief  
Mobile Source Operations Division

2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

E.O.# A-9-453  
Page 1 of 1

Manufacturer: DaimlerChrysler Corp Exh Eng Fam: YCRXT03.82B0 Evap Fam: YCRXE0101G2A  
 All Eng Codes in Eng Fam: CA X 49S      50S X AB965      ORVR: YES      NO X  
 Exh Std: CA Tier-1 X TLEV      LEV      ULEV      SULEV      US: EPA Tier-1 X NLEV       
 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      E85      Other(specify)       
 Emis Test Fuel(s): Indo      CBG X CNG      LPG      M85      E85      Other(specify)       
                   Diesel: 13 CCR 2282      40 CFR 86.113-90      40 CFR 86.113-94       
 Evaporative Emission Test Procedure: California      Federal X  
 Service Accum: Std AMA      Mod AMA      Mfr ADP      Other(specify) ASDP  
 NMOG Test Procedure: N/A      Std      Equip X R/L Test Proc: SHED      Pt Source X  
 Engine Configuration: V-6 Displacement 3.8 Liters 232 Cubic Inches  
 Valves per Cylinder: 2 Rated Horsepower: 162 @ 4400 RPM  
 Engine: Front X Rear      Drive: FWD X RWD      4WD-FT X 4WD-PT       
 Exhaust ECS (eg. EGR, MFI, TC, CAC): EGR,H02S(2),SFI,TWC

(use abbreviations per SAE J1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicle Model (if coded see attachment)	Trans. Type M5 A4	ETW Or TestWt	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Converter Part No.
CA-100 (CA) (w/o Autostick)	NSCH53 NSCP53 NSCS53 NSDH53 NSDP53 NSDX53	A4	4750	S E E	04727254AF	047287189	04682806AC
CA-200 (CA) (w/ Autostick)				A T T A C H M E N T			

\* Denotes correction

Date Issued: 3/25/99

Revisions: 5/20/99

00TD01.DOC

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	MKT	LWV	TIRE DESCRIPTION	USE YR	COD	MFG	OPT	COAST			TIRE			TARGET A	COLD CO			ALVW	COAST	TIRE
											ETW	HP	DOWN	*DYNO	F	R		HP	DOWN	TIME			
NSCH53	EGH	DGL	4W	Y	0	C	4750	STD	00	TM3	TZA	17.43	10.6	35	35	53.24	0.03109	0.02826	0.03113	0.02830	0.03109	0.02826	0.03113
								OPT	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSCH53	EGH	DGL	4W	Y	0	F	4750	STD	00	TM3	TZA	17.43	10.6	35	35	53.24	0.03109	0.02826	0.03113	0.02830	0.03109	0.02826	0.03113
								OPT	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSCP53	EGH	DGL	4W	Y	0	C	4750	STD	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSCP53	EGH	DGL	4W	Y	0	F	4750	STD	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSCS53	EGH	DGL	4W	Y	0	C	4750	STD	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSCS53	EGH	DGL	4W	Y	0	F	4750	STD	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSDH53	EGH	DGL	4W	Y	0	C	4750	STD	00	TM3	TZA	17.43	10.6	35	35	53.24	0.03109	0.02826	0.03113	0.02830	0.03109	0.02826	0.03113
								OPT	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSDH53	EGH	DGL	4W	Y	0	F	4750	STD	00	TM3	TZA	17.43	10.6	35	35	53.24	0.03109	0.02826	0.03113	0.02830	0.03109	0.02826	0.03113
								OPT	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSDP53	EGH	DGL	4W	Y	0	C	4750	STD	00	TM3	TZA	17.43	10.6	35	35	53.24	0.03109	0.02826	0.03113	0.02830	0.03109	0.02826	0.03113
								OPT	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSDP53	EGH	DGL	4W	Y	0	F	4750	STD	00	TM3	TZA	17.43	10.6	35	35	53.24	0.03109	0.02826	0.03113	0.02830	0.03109	0.02826	0.03113
								OPT	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSDX53	EGH	DGL	4W	Y	0	C	4750	STD	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSDX53	EGH	DGL	4W	Y	0	F	4750	STD	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSDX53	EGH	DHD	4W	Y	0	C	4750	STD	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSDX53	EGH	DHD	4W	Y	0	F	4750	STD	00	TM5	TZH	16.79	11.0	35	35	57.99	0.03113	0.02830	0.03109	0.02826	0.03113	0.02830	0.03109
NSHH52	EGA	DGL	FW	Y	0	F	4250	STD	00	TMR	TZA	17.44	10.2	35	35	35.78	0.03264	0.02967	0.03246	0.02951	0.03246	0.02951	0.03246
								OPT	00	TM3	TZA	17.39	10.0	35	35	36.26	0.03246	0.02951	0.03246	0.02951	0.03246	0.02951	0.03246

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

2000  
YCRKT03-82B0

Chrysler Corporation  
FAMILY TIRE DESCRIPTION

TIRE DESCRIPTION YR COD MFG OPT NAME	SIZE	RPM	COD	TREAD MATERIAL	CONSTRUCTION		P		L	Y	SM	SIDEWALL MATERIAL	P		L		OVERLAY	Y	MATERIAL	TREAD DEPTH (IN.)	
					Y	SW	Y	SM					Y	SM	Y	SM				L	X
00 TLP TZA CONQUEST	P205/75R14	800	SBR	2-Steel/2-Polyester	4	BSB	Polyester	2	Nylon	1	10	1	10	1	10	1	10	1	10	1	10
00 TM3 TZA CONQUEST	P215/70R15	780	SBR	2-Steel/2-Polyester	4	BSB	Polyester	2	Nylon	1	10	1	10	1	10	1	10	1	10	1	10
00 TM5 T2H MK4	215/65R16	778	SBR	2-Steel/1-Polyester	3	BSB	Polyester	1	Nylon	2	08	1	08	2	08	2	08	2	08	2	08
00 TMR TZA CONQUEST	P215/65R15	801	SBR	2-Steel/2-Polyester	4	BSB	Polyester	2	Nylon	1	10	1	10	1	10	1	10	1	10	1	10
00 TTG T2H MK4 A/ST	P215/60R17	770	SBR	2-Steel/1-Polyester	3	BSW	Polyester	1	None	0	10	1	10	0	10	1	10	0	10	1	10

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/ 10. - TD01 - 404 /  
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Report Date: 03/25/99  
Time: 08:05:30

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: YCRXT03.82B0  
Evaporative Fam: YCRXE0101G2A

Certificate #:

Model ID	Car Line	California Sales
NSDX53	Grand Caravan ES (AMD)	YES
NSDP53	Grand Caravan LE (AMD)	YES
NSDH53	Grand Caravan SE (AMD)	YES
NSCH53	Town & Country LX (AMD)	YES
NSCP53	Town & Country LX (AMD)	YES
NSCS53	Town & Country Limited (AMD)	YES

Model Codes

MS 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  
S=Luxury

----- Model  
K=Dodge  
H=Plymouth  
Y=Chrysler  
D=Dodge AMD  
P=Plymouth AMD  
C=Chrysler AMD

----- Body Code  
NS=Minivan