

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-460  
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:

Emission Standard Category: Low-Emission Vehicle (LEV)

Fuel Type: Gasoline

Engine Family: YCRXT0287232 Displacement: 4.7 Liters (287 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Dual Warm Up Oxidation Catalytic Converters
- Three Way Catalytic Converter
- Dual Heated Oxygen Sensors (two)
- Sequential Multiport Fuel Injection

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

Loaded Vehicle Weight (lbs.)	Miles	NMOG	CO	NOx	HCHO	CO (20°F)
3751-5750	50,000	0.100	4.4	0.4	0.018	12.5
	100,000	0.130	5.5	0.5	0.023	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.94

The certification exhaust emission values set forth for NMOG reflect application of a 0.94 RAF for 2000 model-year LEVs. The LEV certification exhaust emission values for this engine family in grams per mile are:

Loaded Vehicle Weight (lbs.)	Miles	NMOG	CO	NOx	HCHO	CO (20°F)
3751-5750	50,000	0.074	2.2	0.1	0.002	5.2
	100,000	0.074	2.8	0.2	0.002	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 and Smog Index 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."

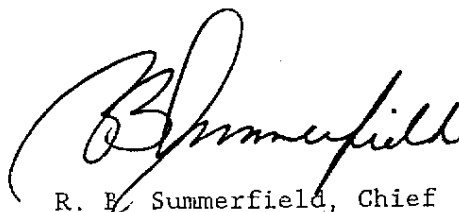
BE IT FURTHER RESOLVED: That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.2) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

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 1<sup>st</sup> day of July 1999.



R. E. 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-9-460  
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Manufacturer: DaimlerChrysler Exh Eng Fam: YCRXT0287232 Evap Fam: YCRXE0101G2H  
 All Eng Codes in Eng Fam: CA X 49S X 50S      AB965      ORVR: YES      NO X  
 Exh Std: CA Tier-1      TLEV      LEV X ULEV      SULEV      US: EPA Tier-1      NLEV 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      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 X Other(specify)       
 NMOG Test Procedure: N/A      Std      Equip X R/L Test Proc: SHED      Pt Source X  
 Engine Configuration: V-8 Displacement 4.7 Liters 287 Cubic Inches  
 Valves per Cylinder: 2 Rated Horsepower: 235 @ 4800 RPM  
 Engine: Front      Rear X Drive: FWD      RWD X 4WD-FT X 4WD-PT X  
 Exhaust ECS (eg. EGR, MFI, TC, CAC): 2HO2S(2), 2WUOC, SFI, TWC  
 (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.
NA-100	AN1L31 AN1L61 AN1L84	A4	4250 4000 4750	S E E	56040358AB 56040430AB	----	52103296AA
NA-200	AN5L31 AN5L61 AN5L84		4750 4500 5000	A T T A	56040360AB		
NM-100	AN1L31 AN1L61 AN1L84	M5	4250 4000 4500	C H M E	56040356AB		
NM-200	AN5L31 AN5L61 AN5L84		4750 4500 5000	N T			

Date Issued: 06/03/99

Revisions: \_\_\_\_\_

Chrysler Corporation  
Family Tire Usage

2000  
YCRXT0287232

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	MKT	LWJ	TIRE	DESCRIPTION	COAST	DOWN	*DYNO	HP	F	R	TIRE	PRES	TARGET A	B	C	COLD CO	ELECTRIC	DYNO	COEFFICIENTS	C	ALVM	DOWN	*DYNO	PRES	ETW	TIME	HP	F	R	TIRE						
																																		USE YR	COD	MFG	OPT	TZA	TIME
AM1L31	EVA	DDC	RM	Y	5350	C	4250	STD	00	TMD	TZA	15.81	12.9	35	35	36.78			0.03619																				
							OPT	00	TME	TZA	15.81	12.9	35	35	33.44			0.03290																					
							OPT	00	TXS	TZA	13.44	14.3	35	35	33.44			0.03290																					
							OPT	00	TXS	TZA	14.39	13.0	35	35	43.27			0.03756																					
							STD	00	TMD	TZA	15.12	13.0	35	35	33.55			0.03805																					
							OPT	00	TME	TZA	15.12	13.0	35	35	39.09			0.03290																					
							OPT	00	TXS	TZA	12.93	14.5	35	35	39.09			0.03619																					
							OPT	00	TXS	TZA	13.82	13.2	35	35	49.06			0.04132																					
							STD	00	TME	TZA	15.13	12.8	35	35	39.20			0.03756																					
							OPT	00	TXS	TZA	12.86	14.3	35	35	40.84			0.04186																					
							OPT	00	TXS	TZA	13.75	13.0	35	35	34.71			0.03805																					
							STD	00	TME	TZA	14.47	12.9	35	35	31.55			0.03619																					
							OPT	00	TXS	TZA	12.38	14.4	35	35	46.49			0.03290																					
							OPT	00	TXS	TZA	13.20	13.2	35	35	51.14			0.04132																					
							STD	00	TME	TZA	16.02	12.2	35	35	40.80			0.03756																					
							OPT	00	TXS	TZA	13.88	14.3	35	35	37.09			0.04186																					
							STD	00	TME	TZA	16.02	12.2	35	35	42.55			0.03805																					
							OPT	00	TXS	TZA	13.88	14.3	35	35	38.68			0.03649																					
							OPT	00	TXS	TZA	14.91	12.9	35	35	51.60			0.03317																					
							STD	00	TME	TZA	16.19	12.3	35	35	46.91			0.04132																					
							OPT	00	TXS	TZA	14.10	14.4	35	35	40.21			0.03756																					
							STD	00	TME	TZA	15.11	13.0	35	35	36.55			0.04186																					
							OPT	00	TXS	TZA	13.09	16.0	35	35	44.33			0.03805																					
							STD	00	TME	TZA	14.10	14.4	35	35	52.69			0.03649																					
							OPT	00	TXS	TZA	15.11	13.0	35	35	46.41			0.04132																					
							STD	00	TME	TZA	13.09	16.0	35	35	42.19			0.03756																					
							OPT	00	TUT	TZA	13.22	15.2	35	35	66.97			0.04186																					
							STD	00	TME	TZA	13.09	16.0	35	35	60.88			0.03805																					
							OPT	00	TUT	TZA	13.22	15.2	35	35	61.85			0.04260																					
							STD	00	TME	TZA	13.22	15.2	35	35	56.23			0.03873																					
							OPT	00	TUT	TZA	13.22	15.2	35	35	61.85			0.04167																					
							STD	00	TME	TZA	13.22	15.2	35	35	56.23			0.03997																					

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

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	MKT	LWJ	TIRE	DESCRIPTION	USE	YR	COO	MFG	OPT	TZA	STD	00	TS2	TZA	COAST	*DYNO	TIRE	HP	F	R	ALWM	DOWN	ETW	TIME	HP	F	R	C	COAST							
AM5L31	EVA	DG4	4M	Y	5580	C	4750	C	4750	C	4750	C	4750	12.57	16.2	35	35	74.67	0.04260	TIRE	16.2	35	35	74.67	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873					
														12.69	15.2	35	35	69.47	0.04397	TIRE	15.2	35	35	69.47	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397					
AM5L61	EVA	DDC	4M	Y	5370	C	4500	C	4500	C	4500	C	4500	12.66	15.8	35	35	63.15	0.03997	TIRE	15.8	35	35	63.15	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260					
														12.76	15.0	35	35	57.53	0.03873	TIRE	15.0	35	35	57.53	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873				
														12.14	16.0	35	35	71.02	0.03997	TIRE	16.0	35	35	71.02	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260				
														12.24	15.1	35	35	64.56	0.03873	TIRE	15.1	35	35	64.56	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873			
														13.42	16.1	35	35	60.11	0.04397	TIRE	16.1	35	35	60.11	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397			
AM5L84	EVA	DDC	4M	Y	5920	C	5000	C	5000	C	5000	C	5000	13.58	15.2	35	35	71.85	0.04260	TIRE	15.2	35	35	71.85	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260			
														12.90	16.3	35	35	65.32	0.03997	TIRE	16.3	35	35	65.32	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997		
														13.05	15.2	35	35	66.33	0.04397	TIRE	15.2	35	35	66.33	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397		
														12.90	16.3	35	35	60.30	0.04260	TIRE	16.3	35	35	60.30	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260	0.04260		
														13.05	15.2	35	35	79.56	0.03873	TIRE	15.2	35	35	79.56	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	0.03873	
														13.05	15.2	35	35	72.33	0.04397	TIRE	15.2	35	35	72.33	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	0.04397	
														13.05	15.2	35	35	67.22	0.03997	TIRE	15.2	35	35	67.22	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997	0.03997

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

Chrysler Corporation  
FAMILY TIRE DESCRIPTION

2000  
YCRX10287232

TIRE DESCRIPTION YR COD MFG OPT NAME	SIZE	RPM	CONSTRUCTION COD TREAD MATERIAL	P L Y SW	SIDEWALL MATERIAL	OVERLAY		TREAD DEPTH	
						L Y	MATERIAL	P L X	(IN.)
00 TMD TZA	WRANGLER ST (A/S)	760	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0	12
00 TME TZA	WRANGLER ST (A/S)	760	SBR 2-Steel/2-Polyester	4	OML Polyester	2	None	0	12
00 TS1 TZA	WRANGLER RTS (A/T)	729	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0	13
00 TS2 TZA	WRANGLER RT/S (A/T)	729	SBR 2-Steel/2-Polyester	4	OML Polyester	2	None	0	13
00 TUT TZA	WRANGLER RT/S (A/T)	689	SBR 2-Steel/2-Polyester	4	OML Polyester	2	None	0	13
00 TMS TZA	EAGLE LS	755	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	Mylon	2	11

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: YCRXT0287232  
Evaporative Fam: YCRXE0101G2H

Certificate #:

Model ID	Car Line	California Sales
AN1L31	Dakota Pickup 2WD	YES
AN1L61	Dakota Pickup 2WD	YES
AN1L84	Dakota Pickup 2WD	YES
AN5L31	Dakota Pickup 4WD	YES
AN5L61	Dakota Pickup 4WD	YES
AN5L84	Dakota Pickup 4WD	YES

Model Codes  
AN 1 L 31

1st digit: 2nd digit:  
3=Club Cab 1=119" or 130.9" wb  
6=Regular Cab 2=123.9" wb

Price Class

Model:

1=2 wheel drive  
5=4 wheel drive

Body Code:

Dakota Pickup