

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-457
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: Transitional Low-Emission Vehicle (TLEV)

Fuel Type: Gasoline

Engine Family: YCRXT03.92C1 Displacement: 3.9 Liters (239 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- 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 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 2000 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	0.111	1.8	0.3	0.003	5.4
	100,000	0.116	1.9	0.4	0.004	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 2nd day of July 1999.



for 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

Manufacturer: DaimlerChrysler Corp. Exh Eng Fam: YCRXT03.92C1 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 X LEV 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 X Mfr ADP Other(specify)
 NMOG Test Procedure: N/A Std Equip X R/L Test Proc: SHED Pt Source X
 Engine Configuration: V-6 Displacement 3.9 Liters 239 Cubic Inches
 Valves per Cylinder: 2 Rated Horsepower: 175 @ 4800 RPM
 Engine: Front X Rear Drive: FWD RWD X 4WD-FT X 4WD-PT
 Exhaust ECS (eg. EGR, MFI, TC, CAC): HO2S(2), TWC, SFI, (
 (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	AN1L61 AN1L31 AN1L84	A4	4000 4250 4500	S E E A T T A C H M E N T	56040348AB	--	52103252AB
NA-200	AN5L61 AN5L31 AN5L84		4500 5000				52103253AB
NM-100	AN1L61 AN1L31 AN1L84	M5	4000 4250 4500		56040344AB		52103252AB
NM-200	AN5L61 AN5L31 AN5L84		4250 4500 5000				52103253AB

Date Issued: 06/03/99

Revisions: _____

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER Engine Family: YCRX103.92C1 Certificate #:
Evaporative Fam: YCRXE0101G2H

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

2000
YCRXT03.92C1

Chrysler Corporation
Family Tire Usage

Attachment to SDS Pg. 1 of 4
of Executive Order # A-9-457

										LOADED VEHICLE WEIGHT					ADJUSTED LOADED VEHICLE WGT				
MODEL	ENG	TRANS	A	MKT	LW	TIRE DESCRIPTION	COAST	TIRE	TARGET	COLD CO ELECTRIC DYNO COEFFICIENTS			ALW	COAST	TIRE	*DYNO	PRES		
			C	TYPE	ETW	USE YR	DOWN	F	(LINE 1 IS 20 DEG	SET A	B	C	ETW	DOWN	F	HP	F		
						COO	TIME	R	DEG	50	50	50			R		R		
						MFG	OPT		COEFFS,	LINE	2	IS							
						OPT	TZA		NEEDED)										
AN1L31	EHC	DDC	RA	Y	5300	C	4250	STD	00	TMD	TZA	36.78	0.03619						
								OPT	00	TME	TZA	33.44	0.03290						
												36.78	0.03619						
												33.44	0.03290						
								OPT	00	TS1	TZA	47.60	0.04132						
												43.27	0.03756						
								OPT	00	TXS	TZA	36.91	0.04186						
												33.55	0.03805						
								STD	00	TMD	TZA	43.00	0.03619						
								OPT	00	TME	TZA	39.09	0.03290						
												39.09	0.03619						
								OPT	00	TS1	TZA	53.97	0.04132						
												49.06	0.03756						
								OPT	00	TXS	TZA	43.12	0.04186						
												39.20	0.03805						
								STD	00	TMD	TZA	34.58	0.03619						
								OPT	00	TME	TZA	31.44	0.03290						
												31.44	0.03619						
								OPT	00	TS1	TZA	44.92	0.04132						
												40.84	0.03756						
								OPT	00	TXS	TZA	34.71	0.04186						
												31.55	0.03805						
								STD	00	TMD	TZA	40.67	0.03619						
								OPT	00	TME	TZA	36.97	0.03290						
												36.97	0.03619						
								OPT	00	TS1	TZA	51.14	0.04132						
												46.49	0.03756						
								OPT	00	TXS	TZA	40.80	0.04186						
												37.09	0.03805						
								STD	00	TME	TZA	42.55	0.03649						
												38.68	0.03317						
								OPT	00	TS1	TZA	51.60	0.04132						
												46.91	0.03756						
								OPT	00	TXS	TZA	40.21	0.04186						
												36.55	0.03805						
								STD	00	TME	TZA	47.28	0.03649						
								OPT	00	TS1	TZA	42.98	0.03317						
												56.17	0.04132						
								OPT	00	TXS	TZA	51.06	0.03756						
												44.94	0.04186						
								OPT	00	TXS	TZA	40.85	0.03805						

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TF04 - 400 /

Report Date: 06/03/99
Time: 13:31:15

Chrysler Corporation
Family Fire Usage

2000
YCRX103.92C1

										LOADED VEHICLE WEIGHT										ADJUSTED LOADED VEHICLE WGT											
MODEL	ENG	TRANS	A	MKT	LW	TIRE DESCRIPTION	USE	YR	COO	MFG	OPT	COAST	DOWN	*DYNO	TIRE	HP	F	R	ALVW	ETW	TIME	COAST	DOWN	*DYNO	TIRE	HP	F	R			
										COLD CO ELECTRIC DYNO COEFFICIENTS										C											
										TARGET A B C										SET A B C											
										(LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)																					
AM5L31	EHC	DDC	4W	Y	5540	C	4500	STD	00	TMD	TZA	13.85	15.2	35	35	53.71	0.04022	0.03656	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
							OPT	00	TS1	TZA	12.66	15.8	35	35	48.83	0.03656	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
							OPT	00	TS2	TZA	12.66	15.8	35	35	57.53	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873
							OPT	00	TUT	TZA	12.76	15.0	35	35	57.53	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
AM5L31	EHC	DGK	4W	Y	5540	C	4500	STD	00	TMD	TZA	13.24	15.2	35	35	61.27	0.04022	0.03656	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
							OPT	00	TS1	TZA	12.14	16.0	35	35	55.70	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
							OPT	00	TS2	TZA	12.14	16.0	35	35	64.56	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873
							OPT	00	TUT	TZA	12.24	15.1	35	35	64.56	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
AM5L61	EHC	DDC	4W	Y	5310	C	4250	STD	00	TMD	TZA	13.14	15.0	35	35	53.01	0.04022	0.03656	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
							OPT	00	TS1	TZA	12.01	15.7	35	35	48.19	0.03656	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
							OPT	00	TS2	TZA	12.01	15.7	35	35	56.78	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873
							OPT	00	TUT	TZA	12.11	14.8	35	35	56.78	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
AM5L61	EHC	DGK	4W	Y	5310	C	4500	STD	00	TMD	TZA	13.24	15.2	35	35	61.27	0.04022	0.03656	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
							OPT	00	TS1	TZA	12.14	16.0	35	35	55.70	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
							OPT	00	TS2	TZA	12.14	16.0	35	35	64.56	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873
							OPT	00	TUT	TZA	12.24	15.1	35	35	64.56	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
AM5L84	EHC	DDC	4W	Y	5900	C	5000	STD	00	TS2	TZA	13.42	16.1	35	35	71.85	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
							OPT	00	TUT	TZA	13.58	15.2	35	35	65.32	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
AM5L84	EHC	DGK	4W	Y	5900	C	5000	STD	00	TS2	TZA	12.90	16.3	35	35	79.56	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
							OPT	00	TUT	TZA	13.05	15.2	35	35	72.33	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	
							OPT	00	TUT	TZA	13.05	15.2	35	35	67.22	0.03997	0.04022	0.03656	0.04260	0.03873	0.04260	0.03873	0.04260	0.03873	0.04397	0.03997	0.04022	0.03656	0.04260	0.03873	

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

Chrysler Corporation
FAMILY TIRE DESCRIPTION

2000
YCRXT03.92C1

TIRE DESCRIPTION YR COD MFG OPT NAME	SIZE	RPM	CONSTRUCTION COD TREAD MATERIAL	P		L		SIDEWALL MATERIAL	P		L		TREAD DEPTH (IN.)
				Y	SW	Y	SM		Y	OVERLAY MATERIAL	Y	1/32	
00 IMD TZA	WRANGLER ST (A/S)	760	SBR 2-Steel/2-Polyester	4	BSW	2	None	0	12	0	12		
00 IME TZA	WRANGLER ST (A/S)	760	SBR 2-Steel/2-Polyester	4	OML	2	None	0	12	0	12		
00 TS1 TZA	WRANGLER RT/S (A/T)	729	SBR 2-Steel/2-Polyester	4	BSW	2	None	0	13	0	13		
00 TS2 TZA	WRANGLER RT/S (A/T)	729	SBR 2-Steel/2-Polyester	4	OML	2	None	0	13	0	13		
00 TUT TZA	WRANGLER RT/S (A/T)	689	SBR 2-Steel/2-Polyester	4	OML	2	None	0	13	0	13		
00 TXS TZA	EAGLE LS P255/65R15	755	SBR 2-Steel/2-Polyester	4	BSW	2	Mylon	2	11	2	11		