

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-462
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 medium-duty vehicles:

Emission Standard Category: Low-Emission Vehicle (LEV)

Fuel Type: Gasoline

Engine Family: YCRXA0360H32 Displacement: 5.9 Liters (360 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) LEV certification exhaust emission standards for this engine family in grams per mile are:

<u>Test 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	0.4	0.018	12.5
	120,000	0.230	6.4	0.6	0.027	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:

<u>Test 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	0.131	2.4	0.3	0.003	6.7
	120,000	0.159	2.8	0.5	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 medium-duty vehicle phase-in 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" (Title 13, California Code of Regulations, Section 1960.1(h)(2)).

BE IT FURTHER RESOLVED: That under the submitted medium-duty vehicle phase-in compliance plan, if the manufacturer incurs "Vehicle Equivalent Debits" for the aforementioned model year due to the manufacturer's failure to produce and deliver for sale in California the equivalent quantity of medium-duty vehicles certified to low-emission vehicle and/or ultra-low-emission vehicle exhaust emission standards required by the above-referenced standards and test procedures, all "Vehicle Equivalent Debits" incurred 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."

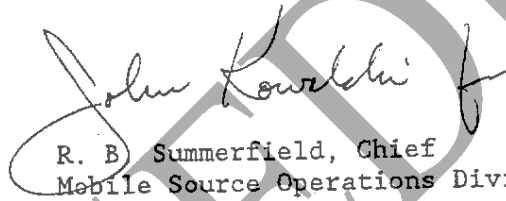
BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et 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 3rd day of August 1999.


R. B. Summerfield, Chief
Mobile Source Operations Division

SUPERSEDED

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

Manufacturer: DaimlerChrysler Corp. Exh Eng Fam: YCRXA0360H32 Evap Fam: YCRXE0101G3H
 All Eng Codes in Eng Fam: CA 49S 50S AB965 ORVR: YES NO
 Exh Std: CA Tier-1 TLEV LEV ULEV SULEV US: EPA Tier-1 NLEV
 Veh Class(es): PC LDT1 LDT2 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 Flex-Fuel Dual-Fuel Bi-Level Gasoline Diesel
 CNG LNG LPG M85 E85 Other(specify) _____
 Emis Test Fuel(s): Indo CBG CNG LPG M85 E85 Other(specify) _____
 Diesel: 13 CFR 2282 40 CFR 86.113-90 40 CFR 86.113-94
 Evaporative Emission Test Procedure: California Federal
 Service Accum: Std AMA Mod AMA Mfr ADP Other(specify) _____
 NMOG Test Procedure: N/A Std Equip R/L Test Proc: SHED Pt Source
 Engine Configuration: V-8 Displacement 5.9 Liters 360 Cubic Inches
 Valves per Cylinder: 2 Rated Horsepower: 245 @ 4000 RPM
 Engine: Front Rear Drive: FWD RWD 4WD-FT 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.
CA-100 CA	DN1L74	A4	5250	S E E A T T A C H M E N T	56040408AB	--	52103374AA
CA-200 CA	DN5L74		5500		56040408AB	--	52103373AA
CA-300 CA	AN5L84		5500		56040406AB	--	52103288AC

Date Issued: 07/22/99

Revisions: _____

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER Engine Family: YCRXA0360H32 Certificate #:
Evaporative Fam: YCRXE0101G3H

Model ID	Car Line	California Sales
AN5L84	Dakota Pickup 4WD	YES
DN1L74	Dodge Durango 2WD SUV	YES
DN5L74	Dodge Durango 4WD SUV	YES

Model Codes	Model Codes
AN 1 L 31	DN 1 L 74
1st digit: 1=Club Cab 2=Regular Cab	1st & 2nd digit: 74=4 Door
2nd digit: 1=119" or 130.9" wb 2=123.9" wb	
Price Class	Price Class
Model: 1=2 wheel drive 5=4 wheel drive	L=Covers all trim levels
Body Code: Dakota Pickup	Model: 1=4X2 5=4X4
	Body Code: Durango

Chrysler Corporation
Family Tire Usage

2000
YCRXAD360H32

LOADED VEHICLE WEIGHT										ADJUSTED LOADED VEHICLE WGT														
MODEL	ENG	TRANS	A	MKT	LVW	TIRE	DESCRIPTION	USE	YR	COU	MFG	OPT	TZA	COAST	DOWN	*DYNO	TIRE	ALVM	ETH	COAST	DOWN	*DYNO	TIRE	
			C		ETH									TIME	TIME	HP	F	R	TIME	TIME	HP	F	R	
AN5184	EML	DGT	4W	Y	6010	C	5000	STD	00	TS2	TZA		12.17	16.0	35	35	35	91.31	5500	12.75	15.3	35	35	
							OPT	00	TUT	TZA			83.01											
													85.64											
													77.85											
DN1174	EML	DGT	RW	Y	6050	C	5000	STD	00	TS2	TZA		14.38	12.6	35	35	35	76.97	5250	14.62	11.6	35	35	
							OPT	00	TSC	TZH			69.97											
													61.04											
													55.49											
DN5174	EML	DGT	4W	Y	6400	C	5250	STD	00	TS2	TZA		12.65	14.2	35	35	35	93.91	5500	13.17	13.0	35	35	
							OPT	00	TUT	TZA			85.37											
													84.51											
													76.83											

COLD CO ELECTRIC DYNO COEFFICIENTS
C SET A B C
LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)

TARGET A B C
(LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

Chrysler Corporation
FAMILY TIRE DESCRIPTION

2000
YCRXA0360H32

TIRE DESCRIPTION YR COD MFG OPT NAME	SIZE	RPM	CONSTRUCTION COD TREAD MATERIAL	P L	Y SW	SIDEMALL MATERIAL	P L	OVERLAY Y MATERIAL	P L	TREAD DEPTH (IN.)
00 T52 TZA WRANGLER RT/S (A/T) XW4	P235/75R15-XL	729	SBR 2-Steel/2-Polyester	4	OML	Polyester	0	None	0	13
00 T5C TZH WRANGLER RT/S (A/T)	P235/75R15-XL	720	SBR 2-Steel/2-Polyester	4	BSW	Polyester	0	None	0	10
00 T1T TZA	31X10.5R15 C	689	SBR 2-Steel/2-Polyester	4	OML	Polyester	0	None	0	13

