

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-462-1  
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: 5.2 Liters (318 Cubic Inches)  
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</u> <u>(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</u> <u>(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	0.136	2.4	0.3	0.003	6.7
	120,000	0.166	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.).

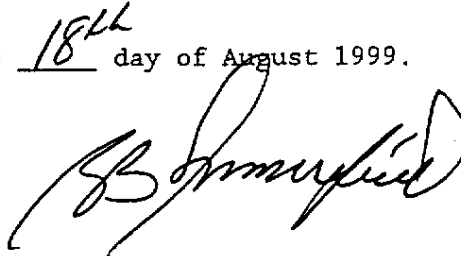
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model- Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned 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.

Executive Order A-9-462 dated August 3, 1999, is canceled and replaced by Executive Order A-9-462-1.

Executed at El Monte, California this 18<sup>th</sup> day of August 1999.

A handwritten signature in black ink, appearing to read "R. B. Summerfield", is written over the printed name and title below.

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: 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 CCR 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  Equiv  R/L Test Proc: SHED  Pt Source   
 Engine Configuration: V-8 Displacement 5.2 / 5.9 Liters 318 / 360 Cubic Inches  
 Valves per Cylinder: 2 Rated Horsepower: 230 / 245 @ 4400 / 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.
<u>5.9L</u> 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	-	52103268AC
<u>5.2L 2WD</u> CA-400 CA	DN1L74		5250		56028901AB	-	52103374AA

Date Issued: 07/22/99

Revisions: 08/05/99

RC02.TC  
30/3A

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: YCRXA0360H32  
Evaporative Fam: YCRXE0101G3H

Certificate #:

Model ID  
AR2184  
DH1174 (5.2.63.9L)  
BR2174

Car Line  
Dakota Pickup 4HD  
Dodge Durango 2HD SUV  
Dodge Durango 4HD SUV

California  
Sales  
YES  
YES  
YES

Model Codes  
AN 1 L 3r

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

Model Codes  
DH 1 L 74

1st & 2nd digit:  
74=4 Door

Price Class  
L=Covers all trim levels

Model:  
1=4X2  
5=4X4

Body Code:  
Durango

Report Date: 08/16/99

ATTACHMENT to SDS 09  
RC 02TC 1 of 3A

Chrysler Corporation  
Flatly Tire Usage

2000  
YCR0A0360H32

LOADED VEHICLE WEIGHT												ADJUSTED LOADED VEHICLE WGT																										
MODEL	ENG	TRANS	A	HKT	LWJ	TIRE	DESCRIPTION	USE	YR	COD	MFG	OPT	TZA	COAST	DYNM	PRIS	TIRE	F	R	ALVW	DOAM	ETD	COLD CO ELECTRIC DYN COEFFICIENTS			C	*DYNM	HP	F	R								
																							SET A	SET B	SET C						HP	F	R					
445104	EML	DGT	4U	Y	6010	C	5100	S10	00	152	TZA		12.17	16.0	35	35	91.31			0.04260			5500	12.75	15.3	15.3	35	35										
																	83.01			0.03873																		
																	85.64			0.04397																		
																	77.85			0.03997																		
																	61.83			0.03617																		
																	56.21			0.03288																		
																	61.83			0.03617																		
																	56.21			0.03288																		
																	46.55			0.03830																		
																	42.32			0.03482																		
																	76.97			0.03617																		
																	49.97			0.03288																		
																	61.04			0.03830																		
																	55.49			0.03482																		
																	93.91			0.04253																		
																	85.37			0.03866																		
																	84.51			0.04401																		
																	76.83			0.04001																		

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

/ 10. - 1J06 - 400 /

Report Date: 07/29/99  
Time: 07:37:55

RC-02TR  
2 of 3A

Chrysler Corporation  
FAMILY TIRE DESCRIPTION

2000  
YCRXAU16A137

TIRE DESCRIPTION VR CTR RTG (S) NAME	SIZE	RHM	DOD	TREAD MATERIAL	CONSTRUCTION		Y	EN	SIDEWALL MATERIAL	P		L	OVERLAY	Y	MATERIAL	TREAD	
					Y	L				Y	X					DEP/IN	P (IN.)
00 TS1 17A	UPLANDER RT5 (A/T)	P235/75R15-XL	729	SBR 2-Steel/2-Polyester	4	BSM	Polyester			2	None	0	13				
00 TS2 12A	UPLANDER RT5 (A/T)	P235/75R15-XL	729	SBR 2-Steel/2-Polyester	4	BSM	Polyester			2	None	0	13				
00 TSC 12H	XMK	P235/75R15-XL	720	SBR 2-Steel/2-Polyester	4	BSM	Polyester			2	None	0	10				
00 THT 17A	BRONDER RT5 (A/T)	31X10.5R15 C	(6)	SBR 2-Steel/2-Polyester	4	BSL	Polyester			2	None	0	13				

Report Date: 07/29/99  
Time: 07:37:55

/ 10. - T106 - 401 /