State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-459
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: YCRXT0287231 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	0.100	2.9	0.04	0.002	4.0
	100,000	0.108	3.8	0.1	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 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.

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 16th day of July 1999.

Raphael Sosnowitz

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

E.O.# A-9-459
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Manufacturer: DaimlerChrysler Exh Eng Fam: YCRXT0287231 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 X Mfr ADP ____ Other(specify) ____
NMOG Test Procedure: N/A ___ Std ___ Equiv X R/L Test Proc: SHED ___ Pt Source X
Engine Configeration: 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	WJJH74 WJJP74	A4	4500	S E E	56044687AC	----	52101393 52101093AB
NA-200	WJTH74 WJTP74		4250	A T T A C H M E N T	56044668AC		

* Reflects ALVW Test Weights

Date Issued: 06/11/99
Revisions:

(49S = NLEV)

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: YCRXT0287231
Evaporative Fam: YCRXE0101G2H

Certificate #:

Model ID	Car Line	California Sales
WJTH74	Laredo 2WD	YES
WJJH74	Laredo 4WD	YES
WJTP74	Limited 2WD	YES
WJJP74	Limited 4WD	YES

Model Codes
XJ J L 74

---Body Style
72=2 door
74=4 door
77=open

------ Price Class

-------- Stearing and Drive Line
B=Right Hand Steering, 2 wd-rear
U=Right*Hand Steering, 4 wd
J=Left Hand Steering, 4 wd
T=Left Hand Steering, 2 wd-rear

---------- Car Line
XJ=Cherokee
TJ=Wrangler
WJ=Grand Cherokee

Report Date: 06/11/99

2000
YCRXT0287231

Chrysler Corporation
Family Tire Usage

MODEL	ENG	TRANS	A C	GVW	MKT TYPE	LVW ETW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	COAST DOWN TIME	*DYNO HP	TIRE PRES F	R	LOADED VEHICLE WEIGHT TARGET (LINE 1 IS 20 DEG	A	B	C	COLD CO ELECTRIC DYNO COEFFICIENTS SET 2 IS 50 DEG WHEN NEEDED)	A	B	C	ADJUSTED LOADED VEHICLE WGT ALVW ETW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	R
WJJH74	EVA	DG4	4A	Y 5400	C	4500	STD	00	TR7	TZA	DHP	14.51	13.9	33	33	53.36			0.03768									
																48.51			0.03425									
							OPT	00	TRP	TZA	DHP	13.09	13.5	33	33	79.23			0.03407									
																72.03			0.03097									
							OPT	00	TRY	TZA	DHP	14.51	13.9	33	33	53.36			0.03768									
																48.51			0.03425									
							OPT	00	TTB	TZA	DHP	13.90	13.0	33	33	64.27			0.03631									
																58.43			0.03301									
							OPT	00	TTD	TZA	DHP	14.44	13.1	33	33	60.46			0.03535									
																54.96			0.03214									
							OPT	00	TTE	TZA	DHP	12.86	14.5	33	33	73.92			0.03730									
																67.20			0.03391									
							OPT	00	TTF	TZA	DHP	12.54	14.9	33	33	80.76			0.03628									
																73.42			0.03298									
WJJH74	EVA	DG4	4B	Y 5400	C	4500	STD	00	TR7	TZA	DHF	14.56	13.0	33	33	53.36			0.03768									
																48.51			0.03425									
							OPT	00	TRP	TZA	DHF	13.16	12.6	33	33	79.23			0.03407									
																72.03			0.03097									
							OPT	00	TRY	TZA	DHF	14.56	13.0	33	33	53.36			0.03768									
																48.51			0.03425									
							OPT	00	TTB	TZA	DHF	13.95	12.1	33	33	64.27			0.03631									
																58.43			0.03301									
							OPT	00	TTD	TZA	DHF	14.50	12.2	33	33	60.46			0.03535									
																54.96			0.03214									
							OPT	00	TTE	TZA	DHF	12.91	13.9	33	33	73.92			0.03730									
																67.20			0.03391									
							OPT	00	TTF	TZA	DHF	12.57	14.4	33	33	80.76			0.03628									
																73.42			0.03298									
WJJP74	EVA	DG4	4A	Y 5400	C	4500	STD	00	TR7	TZA	DHP	14.51	13.9	33	33	53.36			0.03768									
																48.51			0.03425									
							OPT	00	TRP	TZA	DHP	13.09	13.5	33	33	79.23			0.03407									
																72.03			0.03097									
							OPT	00	TRY	TZA	DHP	14.51	13.9	33	33	53.36			0.03768									
																48.51			0.03425									
							OPT	00	TTB	TZA	DHP	13.90	13.0	33	33	64.27			0.03631									
																58.43			0.03301									
							OPT	00	TTD	TZA	DHP	14.44	13.1	33	33	60.46			0.03535									
																54.96			0.03214									
							OPT	00	TTE	TZA	DHP	12.86	14.5	33	33	73.92			0.03730									
																67.20			0.03391									
							OPT	00	TTF	TZA	DHP	12.54	14.9	33	33	80.76			0.03628									
																73.42			0.03298									
WJJP74	EVA	DG4	4B	Y 5400	C	4500	STD	00	TR7	TZA	DHF	14.56	13.0	33	33	53.36			0.03768									
																48.51			0.03425									

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

Report Date: 06/05/99
Time: 08:08:22

2000
YCRXT0287231

Chrysler Corporation
Family Tire Usage

LOADED VEHICLE WEIGHT

ADJUSTED LOADED VEHICLE WGT

MODEL	ENG	TRANS	A C	GVW	MKT TYPE	LVW ETW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	COAST DOWN TIME	*DYNO HP	TIRE PRES F	R	TARGET A (LINE 1 IS 20 DEG COEFFS,LINE 2 IS 50 DEG WHEN NEEDED)	COLD CO ELECTRIC DYNO COEFFICIENTS B C SET A B C	ALVW ETW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	R
							OPT	00	TRP	TZA	DHF	13.16	12.6	33	33	79.23	0.03407					
																72.03	0.03097					
							OPT	00	TRY	TZA	DHF	14.56	13.0	33	33	53.36	0.03768					
																48.51	0.03425					
							OPT	00	TTB	TZA	DHF	13.95	12.1	33	33	64.27	0.03631					
																58.43	0.03301					
							OPT	00	TTD	TZA	DHF	14.50	12.2	33	33	60.46	0.03535					
																54.96	0.03214					
							OPT	00	TTE	TZA	DHF	12.91	13.9	33	33	73.92	0.03730					
																67.20	0.03391					
							OPT	00	TTF	TZA	DHF	12.57	14.4	33	33	80.76	0.03628					
																73.42	0.03298					
WJTH74	EVA	DG4	RW	Y	5200	C	4250	STD	00	TR7	TZA	14.85	12.5	33	33	54.71	0.03262					
																49.74	0.02965					
							OPT	00	TRP	TZA		13.42	12.2	33	33	71.72	0.03213					
																65.20	0.02921					
							OPT	00	TRY	TZA		14.85	12.5	33	33	54.71	0.03262					
																49.74	0.02965					
							OPT	00	TTB	TZA		14.08	11.8	33	33	58.33	0.03454					
																53.03	0.03140					
							OPT	00	TTD	TZA		14.57	12.3	33	33	54.23	0.03414					
																49.30	0.03104					
							OPT	00	TTE	TZA		13.16	13.2	33	33	69.41	0.03398					
																63.10	0.03089					
							OPT	00	TTF	TZA		13.05	13.5	33	33	69.37	0.03457					
																63.06	0.03143					
WJTP74	EVA	DG4	RW	Y	5200	C	4250	STD	00	TR7	TZA	14.85	12.5	33	33	54.71	0.03262					
																49.74	0.02965					
							OPT	00	TRP	TZA		13.42	12.2	33	33	71.72	0.03213					
																65.20	0.02921					
							OPT	00	TRY	TZA		14.85	12.5	33	33	54.71	0.03262					
																49.74	0.02965					
							OPT	00	TTB	TZA		14.08	11.8	33	33	58.33	0.03454					
																53.03	0.03140					
							OPT	00	TTD	TZA		14.57	12.3	33	33	54.23	0.03414					
																49.30	0.03104					
							OPT	00	TTE	TZA		13.16	13.2	33	33	69.41	0.03398					
																63.10	0.03089					
							OPT	00	TTF	TZA		13.05	13.5	33	33	69.37	0.03457					
																63.06	0.03143					

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

Report Date: 06/05/99
Time: 08:08:22

2000
YCRXT0287231

Chrysler Corporation
FAMILY TIRE DESCRIPTION

TIRE DESCRIPTION YR	COD	MFG	OPT	NAME	SIZE	RPM	CONSTRUCTION COD	TREAD MATERIAL	PLY	SW	SIDEWALL MATERIAL	PLY	OVERLAY MATERIAL	PLY	TREAD DEPTH (IN.) X 1/32
00	TR7	TZA		WRANGLER ST (A/S)	P225/75R16	711	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	11
00	TR7	TZA	DHF	WRANGLER ST (A/S)	P225/75R16	711	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	11
00	TR7	TZA	DHP	WRANGLER ST (A/S)	P225/75R16	711	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	11
00	TRP	TZA		WRANGLER S4 (A/S)	225/75R16	707	SBR	2-Poly/2-Stl/2-Nylon	6	BSW	Polyester	2	Nylon	1	13
00	TRP	TZA	DHF	WRANGLER S4 (A/S)	225/75R16	707	SBR	2-Poly/2-Stl/2-Nylon	6	BSW	Polyester	2	Nylon	1	13
00	TRP	TZA	DHP	WRANGLER S4 (A/S)	225/75R16	707	SBR	2-Poly/2-Stl/2-Nylon	6	BSW	Polyester	2	Nylon	1	13
00	TRY	TZA		WRANGLER ST (A/S)	P225/75R16	711	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	11
00	TRY	TZA	DHF	WRANGLER ST (A/S)	P225/75R16	711	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	11
00	TRY	TZA	DHP	WRANGLER ST (A/S)	P225/75R16	711	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	11
00	TTB	TZA		WRANGLER SR-A (A/T)	P245/70R16	711	SBR	2-Polyester/2-Steel	4	OWL	Polyester	2	None	0	13
00	TTB	TZA	DHF	WRANGLER SR-A (A/T)	P245/70R16	711	SBR	2-Polyester/2-Steel	4	OWL	Polyester	2	None	0	13
00	TTB	TZA	DHP	WRANGLER SR-A (A/T)	P245/70R16	711	SBR	2-Polyester/2-Steel	4	OWL	Polyester	2	None	0	13
00	TTD	TZA		EAGLE LS (A/SP)	P245/70R16	706	SBR	2-Polyester/2-Steel	4	BSW	Polyester	2	None	0	13
00	TTD	TZA	DHF	EAGLE LS (A/SP)	P245/70R16	706	SBR	2-Polyester/2-Steel	4	BSW	Polyester	2	None	0	13
00	TTD	TZA	DHP	EAGLE LS (A/SP)	P245/70R16	706	SBR	2-Polyester/2-Steel	4	BSW	Polyester	2	None	0	13
00	TTE	TZA		WRANGLER HP (A/SP)	245/70R16	703	SBR	2-Poly/2-Stl/1-Nylon	5	BSW	Polyester	2	Nylon	1	13
00	TTE	TZA	DHF	WRANGLER HP (A/SP)	245/70R16	703	SBR	2-Poly/2-Stl/1-Nylon	5	BSW	Polyester	2	Nylon	1	13
00	TTE	TZA	DHP	WRANGLER HP (A/SP)	245/70R16	703	SBR	2-Poly/2-Stl/1-Nylon	5	BSW	Polyester	2	Nylon	1	13
00	TTF	TZA		WRANGLER SR-A (A/T)	245/70R16	703	SBR	2-Poly/2-Stl/1-Nylon	5	OWL	Polyester	2	None	0	13
00	TTF	TZA	DHF	WRANGLER SR-A (A/T)	245/70R16	703	SBR	2-Poly/2-Stl/1-Nylon	5	OWL	Polyester	2	None	0	13
00	TTF	TZA	DHP	WRANGLER SR-A (A/T)	245/70R16	703	SBR	2-Poly/2-Stl/1-Nylon	5	OWL	Polyester	2	None	0	13

Report Date: 06/05/99
Time: 08:08:22