State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-443
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: YCRXT0242130 Displacement: 4.0 Liters (242 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)
0-3750	50,000	0.075	3.4	0.2	0.015	10.0
	100,000	0.090	4.2	0.3	0.018	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)
0-3750	50,000	0.065	1.0	0.1	0.001	4.3
	100,000	0.080	1.3	0.2	0.001	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 16th day of July 1999.

Raphael Susnowitz

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-9-443
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Manufacturer: DaimlerChrysler Corp Exh Eng Fam: YCRXT0242130 Evap Fam: YCRXE0101G2S
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 X 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 X Flex-Fuel ___ Dual-Fuel ___ Bi-Level ___ Gasoline X Diesel ___
CNG ___ LNG ___ LPG ___ M85 ___ E85 ___ Other(specify) ____
Exh. 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 ___ Equiv X R/L Test Proc: SHED ___ Pt Source X
Engine Configeration: I-6 Displacement 4.0 Liters 242 Cubic Inches
Valves per Cylinder: 2 Rated Horsepower: 190 @ 4600 RPM
Engine: Front X Rear ____ Drive: FWD ____ RWD X 4WD-FT ____ 4WD-PT X
Exhaust ECS (eg. EGR, MFI, TC, CAC): 2WUOC, TWC, 2H02S (2), [illegible], 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 (CA, 49ST)	XJTH72	A4	3625	S	56041635AC	None	52101116AC
	XJTH74			E			52101053AB
	XJTL72			E			
	XJTL74						
	XJTP74			A			
	XJTS74			T			
	---		---	T			
	XJBL74		3750	A			
	XJJL74			C			
				H			
NM-100 (CA, 49ST)	XJTL72	M5	3500	M	56041668AC		
	---		---	E			
	XJTH72		3625	N			
	XJTH74			T			
	XJTL74						
	---		---				
	XJJH72		3750				
	XJJL72						

Remarks: 49ST = NLEV

Date Issued: 6/3/99
Revisions:

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: YCRXT0242130
Evaporative Fam: YCRXE0101G2S

Certificate #:

Model ID	Car Line	California Sales
XJTP74	Classic 2WD	YES
XJTS74	Limited 2WD	YES
XJTL72	SE 2WD	YES
XJTL74	SE 2WD	YES
XJBL74	SE 2WD RHD	YES
XJJL72	SE 4WD	YES
XJTH72	Sport 2WD	YES
XJTH74	Sport 2WD	YES
XJJH72	Sport 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
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Report Date: 03/31/99

ATTACHMENT TO SDS PAGE 1
OF EXECUTIVE ORDER A-9-443

2000
YCRXT0242130

Chrysler Corporation
Family Tire Usage

ATTACHMENT TO SDS PAGE 1
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MODEL	ENG	TRANS	A C	GVW	MKT TYPE	LVW ETW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	LOADED VEHICLE WEIGHT COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R	TARGET (LINE 1 IS 20 DEG	A	B	C	SET A	B	C	COLD CO ELECTRIC DYNO COEFFICIENTS COEFFS,LINE 2 IS 50 DEG WHEN NEEDED)	ADJUSTED LOADED VEHICLE WGT ALVW ETW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R
XJBL74	ERH	DGS	RW Y	4600	C	3750	STD	00	TM6	TZA		13.70	12.2	33	33	42.30			0.03508									
																38.45			0.03189									
							OPT	00	TRL	TZA		13.41	12.8	33	33	44.77			0.03527									
																40.70			0.03206									
XJJH72	ERH	DDD	4A Y	4850	C	3750	STD	00	TRL	TZA		11.93	14.4	33	33	50.96			0.03930									
																46.33			0.03573									
							OPT	00	TRR	TZA		11.09	14.0	33	33	66.57			0.03793									
																60.52			0.03448									
XJJL72	ERH	DDD	4A Y	4850	C	3750	STD	00	TM6	TZA		12.27	14.0	33	33	50.48			0.03783									
																45.89			0.03439									
							OPT	00	TRL	TZA		11.93	14.4	33	33	50.96			0.03930									
																46.33			0.03573									
XJJL72	ERH	DGS	4W Y	4850	C	3750	STD	00	TM6	TZA		12.27	14.0	33	33	50.48			0.03783									
																45.89			0.03439									
							OPT	00	TRL	TZA		11.93	14.4	33	33	50.96			0.03930									
																46.33			0.03573									
XJTH72	ERH	DDD	RA Y	4550	C	3625	STD	00	TRL	TZA		13.12	12.7	33	33	43.13			0.03527									
																39.21			0.03206									
							OPT	00	TRR	TZA		12.24	12.0	33	33	52.81			0.03557									
																48.01			0.03234									
XJTH72	ERH	DGS	RW Y	4550	C	3625	STD	00	TRL	TZA		13.12	12.7	33	33	43.13			0.03527									
																39.21			0.03206									
							OPT	00	TRR	TZA		12.24	12.0	33	33	52.81			0.03557									
																48.01			0.03234									
XJTH74	ERH	DDD	RA Y	4600	C	3625	STD	00	TRL	TZA		13.12	12.7	33	33	43.13			0.03527									
																39.21			0.03206									
							STD	00	TRR	TZA		12.24	12.0	33	33	52.81			0.03557									
																48.01			0.03234									
XJTH74	ERH	DGS	RP Y	4600	C	3625	STD	00	TRC	TZA		12.79	12.3	33	33	47.60			0.03488									
																43.27			0.03171									
XJTH74	ERH	DGS	RW Y	4600	C	3625	STD	00	TRL	TZA		13.12	12.7	33	33	43.13			0.03527									
																39.21			0.03206									
							OPT	00	TRR	TZA		12.24	12.0	33	33	52.81			0.03557									
																48.01			0.03234									
XJTL72	ERH	DDD	RA Y	4550	C	3500	STD	00	TM6	TZA		12.95	12.2	33	33	40.63			0.03508									
																36.94			0.03189									
							OPT	00	TRL	TZA		12.68	12.7	33	33	43.01			0.03527									
																39.10			0.03206									
XJTL72	ERH	DGS	RW Y	4550	C	3625	STD	00	TM6	TZA		13.39	12.2	33	33	40.76			0.03508									
																37.05			0.03189									
							OPT	00	TRL	TZA		13.12	12.7	33	33	43.13			0.03527									
																39.21			0.03206									
XJTL74	ERH	DDD	RA Y	4600	C	3625	STD	00	TM6	TZA		13.39	12.2	33	33	40.76			0.03508									
																37.05			0.03189									

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

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Report Date: 06/03/99
Time: 11:36:04

2000
YCRXT0242130

Chrysler Corporation
Family Tire Usage

ATTACHMENT TO SDS PAGE 1
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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	COLD CO ELECTRIC DYNO COEFFICIENTS TARGET A (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)	B	C	SET A	B	C	ALVW ETW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	R
							OPT	00	TRL	TZA		13.12	12.7	33	33	43.13		0.03527								
																39.21		0.03206								
XJTL74	ERH	DGS	RW	Y	4600	C	3625	STD	00	TM6	TZA		13.39	12.2	33	33	40.76		0.03508								
																37.05		0.03189								
							OPT	00	TRL	TZA		13.12	12.7	33	33	43.13		0.03527								
																39.21		0.03206								
XJTP74	ERH	DGS	RW	Y	4600	C	3625	STD	00	TRQ	TZA		12.69	12.1	33	33	51.26		0.03419								
																46.60		0.03108								
							OPT	00	TRR	TZA		12.24	12.0	33	33	52.81		0.03557								
																48.01		0.03234								
XJTS74	ERH	DGS	RW	Y	4600	C	3625	STD	00	TRQ	TZA		12.69	12.1	33	33	51.26		0.03419								
																46.60		0.03108								
							OPT	00	TRR	TZA		12.24	12.0	33	33	52.81		0.03557								
																48.01		0.03234								

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TP03 - 401 /

Report Date: 06/03/99
Time: 11:36:04