State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-422
Relating to Certification of New Motor Vehicles

CHRYSLER 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 1999 model-year Chrysler Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: XCRXT0239211 Displacement: 3.9 Liters (239 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Heated Oxygen Sensors (two)
Three Way Catalytic Converter
Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

Loaded Vehicle Weight(lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.32	4.4	0.7	12.5
	100,000	0.40	5.5	0.97	n/a

The certification exhaust emission values for this engine family in grams per mile are:

Loaded Vehicle Weight(lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.17	2.1	0.2	7.4
	100,000	0.20	2.6	0.25	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 non-methane organic gas (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 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 24th day of July 1998.

Raphael Susnowitz

for R. B. Summerfield, Chief
Mobile Source Operations Division

E.O. # A-9-422
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1999 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: XCRXT0239211 Evap Fam: XCRXE0101G2H

11 Eng Codes in Eng Fam: CA X 49S ____ 50S ____ AB965 ____ ORVR: YES ____ NO X

Exh Std: CA Tier-1 X TLEV ____ LEV ____ ULEV ____ SULEV ____; US EPA Tier-1 ____

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 ____ Other (specify) ____

Emis Test Fuel(s): Indo ____ CBG X CNG ____ LPG ____ M85 ____ Other(specify) ____
Diesel: 13 CCR 2282 ____ or 40 CFR 86.113-90 ____ or 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 X Std ____ Equiv ____ R/L Test Proce: SHED ____ Pt Source X

Engine Configuration: V-6 Displacement: 3.9 Liters 239 Cubic Inches

Valves per Cylinder: 2 Rated HP: 175 @ 4800 RPM

Engine: Front X Mid ____ Rear ____ Drive: FWD ____ RWD X 4WD-FT ____ 4WD-PT X

Exhaust ECS (eg., EGR, MFI, TC, CAC): HO2S(2), TWC, SFI, OBD II
(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)	AN1L61	A4	4000	SEE ATTACHMENT	56040045AA	--	52020296AB
	AN1L62				56040045AB		
	AN1L31		4250				
CA-200 (CA)	AN5L61		4250				52020321AB
	AN5L31		4500				52103076AC
CM-100 (CA)	AN1L61	M5	3875		56040031AA		52020296AB
	AN1L62		4000		56040031AB		
	AN1L31		4250				
CM-200 (CA)	AN5L61		4250				52020321AB
	AN5L31		4500				52103076AC

Date Issued: 5/1/98

Revisions: ____

TF04-SDS/99

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	TIRE PRES R	LOADED VEHICLE WEIGHT: TARGET (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)	COLD CO ELECTRIC DYNO COEFFICIENTS: A	B	C	SET A	B	C	ADJUSTED LOADED VEHICLE WGT: ALVW ETW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R
AN1L31	EHC	DDQ	RW Y	5200	C	4250	STD	99	TMD	TZA		15.72	12.8	35	35	42.11			0.03456								
																38.28			0.03142								
							OPT	99	TME	TZA		15.72	12.8	35	35	42.11			0.03456								
																38.28			0.03142								
							OPT	99	TS1	TZA		14.80	13.2	35	35	40.64			0.03856								
																36.94			0.03505								
							OPT	99	TXS	TZA		13.72	13.0	35	35	46.51			0.04084								
																42.28			0.03713								
AN1L31	EHC	DGK	RW Y	5200	C	4250	STD	99	TMD	TZA		14.97	13.2	35	35	49.09			0.03456								
																44.62			0.03142								
							OPT	99	TME	TZA		14.97	13.2	35	35	49.09			0.03456								
																44.62			0.03142								
							OPT	99	TS1	TZA		14.13	13.6	35	35	47.61			0.03856								
																43.28			0.03505								
							OPT	99	TXS	TZA		13.14	13.5	35	35	53.51			0.04084								
																48.64			0.03713								
AN1L61	EHC	DDQ	RW Y	4750	C	3875	STD	99	TMD	TZA		14.61	12.7	35	35	39.53			0.03456								
																35.94			0.03142								
							OPT	99	TME	TZA		14.61	12.7	35	35	39.53			0.03456								
																35.94			0.03142								
							OPT	99	TS1	TZA		13.74	13.2	35	35	38.15			0.03856								
																34.68			0.03505								
							OPT	99	TXS	TZA		12.74	13.0	35	35	43.70			0.04084								
																39.73			0.03713								
AN1L61	EHC	DGK	RW Y	4750	C	4000	STD	99	TMD	TZA		14.31	12.9	35	35	46.87			0.03456								
																42.60			0.03142								
							OPT	99	TME	TZA		14.31	12.9	35	35	46.87			0.03456								
																42.60			0.03142								
							OPT	99	TS1	TZA		13.49	13.3	35	35	45.45			0.03856								
																41.32			0.03505								
							OPT	99	TXS	TZA		12.56	13.2	35	35	51.08			0.04084								
																46.43			0.03713								
AN1L62	EHC	DDQ	RW Y	4820	C	4000	STD	99	TMD	TZA		15.03	12.7	35	35	39.98			0.03456								
																36.35			0.03142								
							OPT	99	TME	TZA		15.03	12.7	35	35	39.98			0.03456								
																36.35			0.03142								
							OPT	99	TS1	TZA		14.13	13.2	35	35	38.59			0.03856								
																35.08			0.03505								
							OPT	99	TXS	TZA		13.11	13.0	35	35	44.20			0.04084								
																40.18			0.03713								
AN1L62	EHC	DGK	RW Y	4820	C	4000	STD	99	TMD	TZA		14.31	12.9	35	35	46.87			0.03456								
																42.60			0.03142								
							OPT	99	TME	TZA		14.31	12.9	35	35	46.87			0.03456								
																42.60			0.03142								

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

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Report Date: 04/02/98
Time: 13:30:55

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	TIRE PRES R	LOADED VEHICLE WEIGHT: TARGET (LINE 1	COLD CO ELECTRIC DYNO COEFFICIENTS: A IS 20 DEG	B	C COEFFS,	SET A LINE 2 IS 50 DEG	B	C WHEN NEEDED)	ADJUSTED LOADED VEHICLE WGT: ALVW ETW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R
							OPT	99	TS1	TZA		13.49	13.3	35	35	45.45			0.03856								
																41.32			0.03505								
							OPT	99	TXS	TZA		12.56	13.2	35	35	51.08			0.04084								
																46.43			0.03713								
AN5L31	EHC	DDQ	4W	Y 5460	C	4500	STD	99	TMD	TZA		14.23	15.3	35	35	49.88			0.04034								
																45.34			0.03667								
							OPT	99	TS1	TZA		13.84	15.0	35	35	50.25			0.04237								
																45.68			0.03852								
							OPT	99	TS2	TZA		13.84	15.0	35	35	50.25			0.04237								
																45.68			0.03852								
							OPT	99	TUT	TZA		13.46	14.8	35	35	54.41			0.04248								
																49.47			0.03862								
AN5L31	EHC	DGK	4W	Y 5460	C	4500	STD	99	TMD	TZA		13.62	15.4	35	35	57.18			0.04034								
																51.98			0.03667								
							OPT	99	TS1	TZA		13.26	15.1	35	35	57.68			0.04237								
																52.44			0.03852								
							OPT	99	TS2	TZA		13.26	15.1	35	35	57.68			0.04237								
																52.44			0.03852								
							OPT	99	TUT	TZA		12.91	14.9	35	35	61.83			0.04248								
																56.21			0.03862								
AN5L61	EHC	DDQ	4W	Y 5230	C	4250	STD	99	TMD	TZA		13.58	15.0	35	35	48.30			0.04034								
																43.91			0.03667								
							OPT	99	TS1	TZA		13.20	14.7	35	35	48.65			0.04237								
																44.23			0.03852								
							OPT	99	TS2	TZA		13.20	14.7	35	35	48.65			0.04237								
																44.23			0.03852								
							OPT	99	TUT	TZA		12.84	14.5	35	35	52.71			0.04248								
																47.91			0.03862								
AN5L61	EHC	DGK	4W	Y 5230	C	4250	STD	99	TMD	TZA		12.98	15.1	35	35	55.74			0.04034								
																50.67			0.03667								
							OPT	99	TS1	TZA		12.63	14.8	35	35	56.22			0.04237								
																51.11			0.03852								
							OPT	99	TS2	TZA		12.63	14.8	35	35	56.22			0.04237								
																51.11			0.03852								
							OPT	99	TUT	TZA		12.30	14.6	35	35	60.27			0.04248								
																54.79			0.03862								

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

Report Date: 04/02/98
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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
99	TMD	TZA		WRANGLER ST (A/S)	P215/75R15	751	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	11
99	TME	TZA		WRANGLER ST (A/S)	P215/75R15	751	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	11
99	TS1	TZA		WRANGLER RTS (A/T)	P235/75R15	723	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	13
99	TS2	TZA		WRANGLER RT/S (A/T)	P235/75R15-XL	723	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	13
99	TUT	TZA		WRANGLER RT/S (A/T)	31X10.5R15LT	685	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	13
99	TXS	TZA		EAGLE LS	P255/65R15	751	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	Nylon	2	11

Report Date: 04/02/98
Time: 13:30:55

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: XCRXT0239211
Evaporative Fam: XCRXE0101G2H

Certificate #:

Model ID	Car Line	California Sales
AN1L31	Dakota Pickup 2WD	YES
AN1L61	Dakota Pickup 2WD	YES
AN1L62	Dakota Pickup 2WD	YES
AN5L31	Dakota Pickup 4WD	YES
AN5L61	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
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