

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-392
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 1998 model-year Chrysler Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: WCRXT0239211 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:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
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:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons-</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
3751-5750	50,000	0.17	1.9	0.2	7.1
	100,000	0.19	2.4	0.18	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 2nd day of July 1997.



R. B. Summerfield, Chief
Mobile Source Operations Division

Manufacturer: Chrysler Corporation Exh Eng Fam: WCRXT0239211 Evap Fam: WCRXE0101G2H
 All 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 Equip 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): H02S(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 AN1L62	A4	4000	S E E	56046321AB	--	52020296AB
	AN1L31		4250				
CA-200 (CA)	AN5L61 AN5L62	M5	4250	A T T A C H M E N T	56046322AB		52020321AB 52103076AB
	AN5L31		4500				
CM-100 (CA)	AN1L61	M5	3875	S E E	56046322AB		52020296AB
	AN1L62		4000				
	AN1L31		4250				
CM-200 (CA)	AN5L61 AN5L62	M5	4250	S E E	56046322AB		52020321AB 52103076AB
	AN5L31		4500				

Date Issued: 05/20/97

Revisions: _____

TF03-S05/98

1998
WCRXT0239211

Chrysler Corporation
Family Tire Usage

MODEL	ENG	TRANS	A	MKT	LVW	TIRE DESCRIPTION	COAST	TIRE			ELECTRIC DYNO COEFFICIENTS			LOADED VEHICLE WEIGHT			ADJUSTED LOADED VEHICLE WGT						
								USE YR	HP	*DYNO	DOWN	HP	F	R	HP	F	R	HP	F	R	HP	F	R
AM1L31	EHC	DDQ	RA	Y	5170	C	4250	STD	98	TMD	TZA	15.71	12.9	35	35	61.90	0.04248	52.80	-1.4917	0.05378			
								OPT	98	TME	TZA	15.71	12.9	35	35								
								OPT	98	TS1	TZA	14.62	13.2	35	35								
								OPT	98	TSH	TZA	14.61	12.9	35	35								
AM1L31	EHC	DGK	RJ	Y	5170	C	4250	STD	98	TMD	TZA	14.98	12.9	35	35								
								OPT	98	TME	TZA	14.98	12.9	35	35								
								OPT	98	TS1	TZA	13.98	13.3	35	35								
								OPT	98	TSH	TZA	13.97	12.9	35	35								
AM1L61	EHC	DDQ	RA	Y	4710	C	3875	STD	98	TMD	TZA	14.63	12.8	35	35								
								OPT	98	TME	TZA	14.63	12.8	35	35								
								OPT	98	TS1	TZA	13.63	13.1	35	35								
								OPT	98	TSH	TZA	13.64	12.7	35	35								
AM1L61	EHC	DGK	RJ	Y	4710	C	4000	STD	98	TMD	TZA	14.21	13.1	35	35								
								OPT	98	TME	TZA	14.21	13.1	35	35								
								OPT	98	TS1	TZA	13.27	13.5	35	35								
								OPT	98	TSH	TZA	13.27	13.1	35	35								
AM1L62	EHC	DDQ	RA	Y	4800	C	4000	STD	98	TMD	TZA	14.92	13.0	35	35								
								OPT	98	TME	TZA	14.92	13.0	35	35								
								OPT	98	TS1	TZA	13.89	13.4	35	35								
								OPT	98	TSH	TZA	13.89	13.0	35	35								
AM1L62	EHC	DGK	RJ	Y	4800	C	4000	STD	98	TMD	TZA	14.21	13.1	35	35								
								OPT	98	TME	TZA	14.21	13.1	35	35								
								OPT	98	TS1	TZA	13.27	13.5	35	35								
								OPT	98	TSH	TZA	13.27	13.1	35	35								
AM5L31	EHC	DDQ	4A	Y	5500	C	4500	STD	98	TMD	TZA	14.43	14.4	35	35								
								OPT	98	TS1	TZA	13.63	15.1	35	35								
								OPT	98	TS2	TZA	13.63	15.1	35	35								
								OPT	98	TUT	TZA	13.44	14.9	35	35								
AM5L31	EHC	DGK	4H	Y	5500	C	4500	STD	98	TMD	TZA	13.81	14.5	35	35								
								OPT	98	TS1	TZA	13.08	15.3	35	35								
								OPT	98	TS2	TZA	13.08	15.3	35	35								
								OPT	98	TUT	TZA	12.90	15.0	35	35								
AM5L61	EHC	DDQ	4A	Y	5200	C	4250	STD	98	TMD	TZA	13.69	14.3	35	35								
								OPT	98	TS1	TZA	12.94	15.1	35	35								
								OPT	98	TS2	TZA	12.94	15.1	35	35								
								OPT	98	TUT	TZA	12.94	15.1	35	35								
AM5L61	EHC	DGK	4H	Y	5200	C	4250	STD	98	TMD	TZA	12.75	14.8	35	35								
								OPT	98	TS1	TZA	13.11	14.4	35	35								
								OPT	98	TS2	TZA	12.42	15.2	35	35								
								OPT	98	TUT	TZA	12.42	15.2	35	35								
AM5L62	EHC	DDQ	4A	Y	5300	C	4250	STD	98	TMD	TZA	12.24	15.0	35	35								
								OPT	98	TS1	TZA	13.69	14.3	35	35								
								OPT	98	TS2	TZA	12.94	15.1	35	35								

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

1998
MCRX10239211

Chrysler Corporation
Family Tire Usage

										LOADED VEHICLE WEIGHT					ADJUSTED LOADED VEHICLE WGT																																			
MODEL	ENG	TRANS	A	C	GVW	MKT	LW	ETW	TYPE	DESCRIPTION	USE	YR	COO	MFG	OPT	COAST	*DYNO	TIRE	TIRE	COAST	ALVM	DOWN	*DYNO	TIRE	ETW	DOWN	HP	HP	F	R																				
										COLD CO ELECTRIC DYNO COEFFICIENTS																																								
										TARGET A B C					SET A B C																																			
										(LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)																																								
AW5L62	EHC	DGK	4M	Y	5300	C	4250			OPT 98 T1T TZA	OPT	98	T1T	TZA	OPT	98	TMD	TZA	OPT	98	T51	TZA	OPT	98	T52	TZA	OPT	98	T1T	TZA	12.75	14.8	35	35	13.11	14.4	35	35	12.42	15.2	35	35	12.42	15.2	35	35	12.24	15.0	35	35

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

Chrysler Corporation
FAMILY TIRE DESCRIPTION

1998
WCRNT0239211

TIRE DESCRIPTION YR COD MFG OPT NAME	SIZE	CONSTRUCTION RPM COD TREAD MATERIAL	P		L OVERLAY		TREAD DEPTH (IN.)	
			Y	SM	Y	MATERIAL	L	X
98 TMD TZA INVICTA GL (A/S)	P215/75R15	755 SBR 2-Steel/2-Polyester	4	BSW	2	None	0	10
98 TME TZA INVICTA GL (A/S)	P215/75R15	755 SBR 2-Steel/2-Polyester	4	OWL	2	None	0	10
98 TS1 TZA WRANGLER RT/S (A/T)	P235/75R15	719 SBR 2-Steel/2-Polyester	4	BSW	2	None	0	13
98 TS2 TZA WRANGLER RT/S (A/T)	P235/75R15-XL	719 SBR 2-Steel/2-Polyester	4	OWL	2	None	0	13
98 TSH TZA EAGLE LS (A/S)	P235/70R15	746 SBR 2-Steel/2-Polyester	4	OWL	2	None	0	11
98 TUT TZA WRANGLER RT/S (A/T)	31X10.5R15LT	684 SBR 2-Steel/2-Polyester	4	OWL	2	None	0	13

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Report Date: 05/16/97
Time: 15:29:21

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: WCRX10239211
Evaporative Fam: WCRXE0101G2H

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
AN5L62	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