

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-323  
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 1996 model-year Chrysler Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: TCR23928G1EK 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 (in-use compliance standards in parentheses) 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 (0.41)	4.4 (6.7)	0.7 (0.7)	12.5 (12.5)
	100,000	0.40 (n/a)	5.5 (n/a)	0.97 (n/a)	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	0.19	2.3	0.2	9.0
	100,000	0.23	2.9	0.22	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, based on a separate compliance plan submitted by the vehicle manufacturer, the listed vehicle models are permitted alternative in-use compliance 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 the submitted alternative in-use compliance plan satisfies the requirement that a maximum of 20 percent of the manufacturer's projected sales of 1996 model-year California-certified passenger cars and light-duty trucks will be subject to alternative in-use compliance as stipulated in the above-referenced standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 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, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles."

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 Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

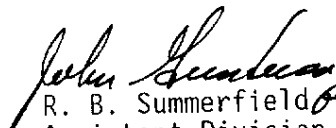
BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

BE IT FURTHER RESOLVED: That the 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)(6.1) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

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 7 day of July 1995.

  
R. B. Summerfield *for*  
Assistant Division Chief  
Mobile Source Division

1996 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: TCR23928G1EK Evap Fam: TCR1073AYPOA  
 All Eng Codes in Eng Fam: CA X 49S \_\_\_\_\_ 50S \_\_\_\_\_ AB965 \_\_\_\_\_  
 Exh Std: CA Tier-1 X TLEV \_\_\_\_\_ LEV \_\_\_\_\_ ULEV \_\_\_\_\_ ZEV \_\_\_\_\_; US EPA Tier-1 \_\_\_\_\_  
 Evap Std: 50K X Useful Life with R/L \_\_\_\_\_ In-Use Exh Std: Full In Use \_\_\_\_\_ Alt In Use 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 \_\_\_\_\_ Other (specify) \_\_\_\_\_  
 Emis Test Fuel(s): Indo \_\_\_\_\_ Ph2 X CNG \_\_\_\_\_ LPG \_\_\_\_\_ M85 \_\_\_\_\_ Other(specify) \_\_\_\_\_  
 Diesel: 13 CCR 2282 \_\_\_\_\_ or 40 CFR 86.113-90 \_\_\_\_\_ or 40 CFR 86.113-94 \_\_\_\_\_  
 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 \_\_\_\_\_  
 Hybrid: Type A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_, APU Cycle (e.g., Otto, Diesel, Turbine) \_\_\_\_\_  
 Engine Configuration: V-6 Displacement: \_\_\_\_\_ / 3.9 \_\_\_\_\_ Liters \_\_\_\_\_ / 239 \_\_\_\_\_ Cubic Inches  
 Valves per Cylinder: 2 Rated HP: \_\_\_\_\_ 180 \_\_\_\_\_ @ \_\_\_\_\_ 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  
 (use abbreviations per SAE J1930 SEP91)

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)	AB2L11 AB2L12	A3	4500	S E E	056031102	--	052020284
CA-200 (CA)	AN1L61 AN1L62	A4	3850	A T T A C H M E N T	056031653	--	052019280
	AN1L31		4000				052021001
	AN5L61 AN5L62		4250				052020000
	AN5L31		4500				052019280
CM-100 (CA)	AN1L62	M5	3750		056031651	--	052018861
	AN1L62		3875				052021001
	AN1L31		4000				05202000
	AN5L61 AN5L62		4250				
	AN5L31		4500				05202000

Date Issued: 5/30/95

Revisions: \_\_\_\_\_

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: TCR23928G1EK  
Evaporative Fam: TCR1073AYPOA

Certificate #:

Model ID  
AN1L31  
AN1L81  
AN1L82  
AN5L31  
AN5L81  
AN5L82  
AB1L11  
AB1L12

Car Line  
Dakota Pickup 2WD  
Dakota Pickup 2WD  
Dakota Pickup 2WD  
Dakota Pickup 4WD  
Dakota Pickup 4WD  
Dakota Pickup 4WD  
Ram Van 1500 2WD  
Ram Van 1500 2WD

California  
Sales  
YES  
YES  
YES  
YES  
YES  
YES  
YES  
YES

Model Codes  
AB 1 L 11

1st digit: 2nd digit:  
1=Van 1=109.6" wb  
5=Wagon 2=127.6" wb  
3=127.3" next wb

Price Class

Model:  
1=01500  
2=02500  
3=03500

Body Code:  
Vans  
Wagons

Model Codes  
AN 1 L 31

1st digit: 2nd digit:  
3=Club Cab 1=119" or 130.9" wb  
0=Regular Cab 2=123.9" wb

Price Class

Model:  
1=2 wheel drive  
5=4 wheel drive

Body Code:  
Dakota Pickup

1998

Chrysler Corporation

Attachment to SDS, Pg. 2 of 6  
for Executive Order A - 9 - 323

TCR23928G1EK

FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/TRANS	WEIGHT LBS GVV	A	TIRE DESCRIPTION	COASTDOWN MFG TIME SEC	*DYN HP	TIRE F	PRES R
AB1L11	EHC DGG RW 4500	5000	Y	STD 98 TAD	13.67	15.80	35	35
				OPT 98 TPF	13.85	15.70	35	35
				OPT 98 TRE	13.88	18.10	35	35
				OPT 98 TRF	13.88	18.10	35	35
				OPT 98 TSC	13.27	18.20	35	35
				OPT 98 TSF	13.52	15.80	35	35
				OPT 98 TW8	13.27	18.20	35	35
				OPT 98 TW9	13.52	15.80	35	35
				OPT 98 TW9	12.95	15.00	35	35
				OPT 98 TW9	13.41	15.10	35	35
AB1L12	EHC DGG RW 4500	5000	Y	STD 98 TAD	13.67	15.80	35	35
				OPT 98 TPF	13.85	15.70	35	35
				OPT 98 TRE	13.88	18.10	35	35
				OPT 98 TRF	13.88	18.10	35	35
				OPT 98 TSC	13.27	18.20	35	35
				OPT 98 TSF	13.27	18.20	35	35
				OPT 98 TW8	13.52	15.80	35	35
				OPT 98 TW9	12.95	15.00	35	35
				OPT 98 TW9	13.41	15.10	35	35
AK1L31	EHC DDQ RA 4000	5100	Y	STD 98 TAD	12.82	15.30	35	35
				OPT 98 TME	12.62	15.30	35	35
				OPT 98 TMK	14.38	13.80	35	35
				OPT 98 TPF	12.82	15.30	35	35
				OPT 98 TPF	12.28	14.80	35	35
				OPT 98 TMC	13.77	13.70	30	35
				OPT 98 TME	13.77	13.70	30	35
				OPT 98 TMK	13.42	13.10	30	35
				OPT 98 TPF	13.77	13.70	30	35
				OPT 98 TPF	13.73	12.70	30	35
				STD 88 TAC	13.78	13.50	30	35
				OPT 88 TMD	13.78	13.50	30	35
				OPT 88 TME	13.78	13.50	30	35
				OPT 88 TMK	13.45	12.80	30	35
				OPT 88 TPF	13.78	13.50	30	35
				OPT 88 TPF	13.86	12.50	30	35
				STD 88 TMC	13.47	13.70	30	35
				OPT 88 TMD	13.47	13.70	30	35

• For DYN HP - 0.00  
Ref to FRONTAL AREA

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TCR2092861EK

FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/ TRAMS	WEIGHT LBS TEST	GVW	A	C	TIRE DESCRIPTION	USE YR	TRD	MFG	COASTDOWN TIME SEC	DYNO HP	TIRE F	PRES R
AK1L62	EHC 00Q RA 3875	4730		Y		OPT 98 TMC	OPT	TAD	TZA	13.47	13.70	30	35
						OPT 98 TMK	OPT	TAD	TZH	13.15	13.10	30	35
						OPT 98 TPF	OPT	TAD	TZA	13.47	13.70	30	35
						OPT 98 TPF	OPT	TAD	TZH	13.49	12.70	30	35
						OPT 98 TMC	OPT	TAD	TZA	14.09	13.50	30	35
						OPT 98 TMD	OPT	TAD	TZA	14.09	13.50	30	35
						OPT 98 TMC	OPT	TAD	TZA	14.09	13.50	30	35
						OPT 98 TMK	OPT	TAD	TZH	13.73	12.90	30	35
						OPT 98 TPF	OPT	TAD	TZA	14.09	13.50	30	35
						OPT 98 TPF	OPT	TAD	TZH	14.10	12.80	30	35
AN1L02	EHC 00K RW 3875	4730		Y		OPT 98 TMC	OPT	TAD	TZA	13.47	13.70	30	35
						OPT 98 TMD	OPT	TAD	TZA	13.47	13.70	30	35
						OPT 98 TMC	OPT	TAD	TZA	13.47	13.70	30	35
						OPT 98 TMK	OPT	TAD	TZH	13.15	13.10	30	35
						OPT 98 TPF	OPT	TAD	TZA	13.47	13.70	30	35
						OPT 98 TPF	OPT	TAD	TZH	13.49	12.70	30	35
						OPT 98 TMD	OPT	TAD	TZA	13.67	15.60	35	35
						OPT 98 TSC	OPT	TAD	TZA	13.40	18.00	35	35
						OPT 98 TSC	OPT	TAD	TZH	13.88	15.30	35	35
						OPT 98 TSK	OPT	TAD	TZA	12.85	18.10	35	35
AN5L31	EHC 00Q 4A 4500	5450		Y		OPT 98 TMC	OPT	TAD	TZA	13.23	15.70	35	35
						OPT 98 TSC	OPT	TAD	TZA	12.98	15.80	35	35
						OPT 98 TSK	OPT	TAD	TZH	13.43	15.10	35	35
						OPT 98 TSK	OPT	TAD	TZA	12.47	15.90	35	35
						OPT 98 TSM	OPT	TAD	TZA	12.47	15.90	35	35
						OPT 98 TMD	OPT	TAD	TZA	13.30	15.50	35	35
						OPT 98 TMC	OPT	TAD	TZA	12.95	15.00	35	35
						OPT 98 TPF	OPT	TAD	TZA	12.95	15.00	35	35
						OPT 98 TPF	OPT	TAD	TZH	13.07	15.60	35	35
						OPT 98 TSC	OPT	TAD	TZA	13.54	14.80	35	35
AN5L01	EHC 00Q 4A 4250	5250		Y		OPT 98 TMC	OPT	TAD	TZA	12.52	15.80	35	35
						OPT 98 TSM	OPT	TAD	TZA	12.52	15.80	35	35
						OPT 98 TPF	OPT	TAD	TZA	12.82	15.40	35	35
						OPT 98 TMD	OPT	TAD	TZA	12.82	15.40	35	35
						OPT 98 TMC	OPT	TAD	TZA	12.82	15.40	35	35
						OPT 98 TPF	OPT	TAD	TZA	12.82	15.40	35	35
						OPT 98 TPF	OPT	TAD	TZH	12.50	14.90	35	35

1988

Chrysler Corporation

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for Executive Order A - 9 - 323

TCA23929Q1EK

FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/TRANS	WEIGHT LBS TEST GYM	A	TIRE DESCRIPTION	TRD	MFG	TIME SEC	COASTDOWN HP	DYNO HP	TIRE F	PRES R
AM5L82	EHC 300 4A 4250	5270	Y	OPT 98 TSC	TAD	TZA	12.60	15.60	15.60	35	35
				OPT 98 TSC	TAD	TZH	13.04	14.90	14.90	35	35
				OPT 98 TSK	TAD	TZA	12.10	15.70	15.70	35	35
				OPT 98 TSM	TAD	TZA	12.10	15.70	15.70	35	35
				STD 98 TMC	TAD	TZA	13.30	15.50	15.50	35	35
				OPT 98 TMD	TAD	TZA	13.30	15.50	15.50	35	35
				OPT 98 TPF	TAD	TZA	13.30	15.50	15.50	35	35
				OPT 98 TSC	TAD	TZH	11.98	15.30	15.30	35	35
				OPT 98 TSC	TAD	TZA	13.07	15.80	15.80	35	35
				OPT 98 TSK	TAD	TZH	13.54	14.90	14.90	35	35
				OPT 98 TSM	TAD	TZA	12.52	15.80	15.80	35	35
				STD 98 TMC	TAD	TZA	12.52	15.80	15.80	35	35
AM5L82	EHC 300 4B 4250	5270	Y	OPT 98 TMD	TAD	TZA	12.82	15.40	15.40	35	35
				OPT 98 TPF	TAD	TZA	12.82	15.40	15.40	35	35
				OPT 98 TPF	TAD	TZA	12.82	15.40	15.40	35	35
				OPT 98 TSC	TAD	TZH	12.50	14.90	14.90	35	35
				OPT 98 TSC	TAD	TZA	12.60	15.60	15.60	35	35
				OPT 98 TSC	TAD	TZH	13.04	14.90	14.90	35	35
				OPT 98 TSK	TAD	TZA	12.10	15.70	15.70	35	35
				OPT 98 TSM	TAD	TZA	12.10	15.70	15.70	35	35

\* For DYNO HP = 0.00  
Ref to FACHTAL AREA

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TIRE DESCRIPTION YR COD TRD MFG NAME	SIZE	RPM	CONSTRUCTION COD TREAD MATERIAL	P L		SIDEWALL MATERIAL	P L		TREAD DEPTH (IN.)
				Y	SW		Y	OVERLAY MATERIAL	
96 TMD TAD TZA INVICTA-GL (A/S)	P215/75R15	755	SBR 2-STEEL/2-POLYESTER	4	BSW	Polyester	2	None	10
96 TME TAD TZA INVICTA-GL (A/S)	P215/75R15	755	SBR 2-STEEL/2-POLYESTER	4	OWL	Polyester	2	None	10
96 TMK TAD TZH XCH4 (A/S)	LT215/75R15-0	752	SBR 2-STEEL/2-POLYESTER	4	BSW	Polyester	2	None	11
96 TMC TAD TZA INVICTA-GL (A/S)	P185/75R15	781	SBR 2-STEEL/2-POLYESTER	4	BSW	Polyester	2	None	10
96 TPF TAD TZA INVICTA-GL (A/S)	P205/75R15	770	SBR 2-STEEL/2-POLYESTER	4	BSW	Polyester	2	None	10
96 YPF TAD TZH XW4 (A/S)	P205/75R15	770	SBR 2-STEEL/1-POLYESTER	3	BSW	Polyester	1	None	10
96 YRE TAD TZA INVICTA-GL (A/S)	P225/75R15	738	SBR 2-STEEL/2-POLYESTER	4	BSW	Polyester	2	None	10
96 YRF TAD TZA INVICTA-GL (A/S)	P225/75R15	738	SBR 2-STEEL/2-POLYESTER	4	BSW	Polyester	2	None	10
96 YSC TAD TZA INVICTA-GL (A/S)	P235/75R15-XL	724	SBR 2-STEEL/2-POLYESTER	4	BSW	Polyester	2	Nylon	10
96 YSO TAD TZH XW4 (A/S)	P235/75R15-XL	724	SBR 2-STEEL/2-POLYESTER	4	BSW	Polyester	2	None	10
96 YSF TAD TZA INVICTA-GL (A/S)	P235/75R15-XL	724	SBR 2-STEEL/2-POLYESTER	4	OWL	Polyester	2	Nylon	10
96 YSF TAD TZH XW4 (A/S)	P235/75R15-XL	720	SBR 2-STEEL/2-POLYESTER	4	OWL	Polyester	2	None	10
96 YSK TAD TZA WRANGLER AT (A/S)	P235/75R15-XL	723	SBR 2-STEEL/2-POLYESTER	4	BSW	Polyester	2	None	13
96 YSM TAD TZA WRANGLER AT (A/S)	P235/75R15-XL	723	SBR 2-STEEL/2-POLYESTER	4	OWL	Polyester	2	None	13
96 YTO TAD TZA WRANGLER AT (A/S)	LT235/75R15-0	718	SBR 2-STEEL/2-POLYESTER	4	BSW	Polyester	2	None	13
96 YTO TAD TZH XCH4 (A/S)	LT235/75R15-0	720	SBR 2-STEEL/2-POLYESTER	4	BSW	Polyester	2	None	10

1996 MY HORIBA 48 INCH DYNAMOMETER 20F SET UP INFORMATION

CALLOUT	MODEL	ENGINE	TRANS	TWC	40% FILL CERT DAW	TIRE SIZE	CODE	NAME	TIRE PRESS	SET COEFFICIENTS A	B	C
TF02.3	AN5L31	3.9	A-4	4500	1684	P235/75R15	TSM	WRANGLER	35	64.86	-1.7322	0.05690

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10.TF02.450

REPORT DATE: 04-29-95