

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-325
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: TCR31828G1EL Displacement: 5.2 Liters (318 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

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

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	0.14	1.9	0.3	8.8
	100,000	0.15	2.1	0.30	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.

John Summerfield for
R. B. Summerfield
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: TCR31828G1EL Evap Fam: TCR1073AYP08
 All Eng Codes in Eng Fam: CA X 49S 50S AB965
 Std: CA Tier-1 X TLEV LEV ULEV ZEV ; US EPA Tier-1 X
 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 Mfr ADP Other (Specify)
 NMOG Test Procedure: N/A Std Equip R/L Test Proce: SHED Pt Source
 Hybrid: Type A B C , APU Cycle (e.g., Otto, Diesel, Turbine) Otto
 Engine Configuration: V-8 Displacement: / 5.2 Liters / 318 Cubic Inches
 Valves per Cylinder: 2 Rated HP: 220 @ 4400 RPM
 Engine: Front X Mid Rear Drive: FWD RWD 4WD-FT 4WD-PT X
 Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC, SFI, HO2S(2)
 (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)	ZJL74	A4	4500	S E E A T T A C H M E N T	56028090		52019482
CA-200 (CA)	AN1L61 AN1L62		4000		56031657		52103082 52103166
	AN1L31		4250				
CM-100 (CA)	AN1L61	M5	3875		56031657		
	AN1L62		4000		56031656		
	AN1L31		4250				

Date Issued: 6/22/96

Revisions: _____

1986

Chrysler Corporation

Attachment of SDS, Pg.1 of 4
of Executive Order A-9-325

TCR3182801EL

FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/TRANS	WEIGHT TEST	LBS GW	A C	TIRE USE	DESCRIPTION	TRD	MFG	COASTDOWN TIME SEC	DYMO HP	TIRE F	PRES R
AN1L31	ELF DDC RW	4250	5210	Y	STD	TNC	TAD	TZA	13.30	15.50	35	35
					OPT	TMD	TAD	TZA	13.30	15.50	35	35
					OPT	TME	TAD	TZA	15.06	13.90	30	35
					OPT	TMK	TAD	TZH	14.61	13.40	35	35
					OPT	TPF	TAD	TZA	13.30	15.50	35	35
					OPT	TPF	TAD	TZH	12.85	15.00	35	35
AN1L31	ELF DGT RW	4250	5210	Y	STD	TMK	TAD	TZH	13.68	13.30	35	35
					OPT	TMD	TAD	TZA	14.06	13.80	35	35
					OPT	TME	TAD	TZA	14.06	13.80	35	35
AN1L61	ELF DDC RW	3875	4770	Y	STD	TNC	TAD	TZA	14.09	13.50	30	35
					OPT	TMD	TAD	TZA	14.09	13.50	30	35
					OPT	TME	TAD	TZA	14.09	13.50	30	35
					OPT	TPF	TAD	TZA	14.09	13.50	30	35
					OPT	TPF	TAD	TZH	14.10	12.60	30	35
AN1L61	ELF DGT RW	4000	4770	Y	STD	TNC	TAD	TZA	13.31	13.90	30	35
					OPT	TMD	TAD	TZA	13.31	13.90	30	35
					OPT	TME	TAD	TZA	13.31	13.90	30	35
					OPT	TMK	TAD	TZH	12.86	13.40	30	35
					OPT	TPF	TAD	TZA	13.31	13.90	30	35
					OPT	TPF	TAD	TZH	13.23	13.00	30	35
AN1L62	ELF DDC RW	4000	4840	Y	STD	TNC	TAD	TZA	14.38	13.80	30	35
					OPT	TMD	TAD	TZA	14.38	13.80	30	35
					OPT	TME	TAD	TZA	14.38	13.80	30	35
					OPT	TMK	TAD	TZH	13.98	13.30	30	35
					OPT	TPF	TAD	TZA	14.38	13.80	30	35
					OPT	TPF	TAD	TZH	14.31	13.00	30	35
AN1L62	ELF DGT RW	4000	4840	Y	STD	TNC	TAD	TZA	13.31	13.90	30	35
					OPT	TMD	TAD	TZA	13.31	13.90	30	35
					OPT	TME	TAD	TZA	13.31	13.90	30	35
					OPT	TPF	TAD	TZA	13.31	13.90	30	35
					OPT	TPF	TAD	TZH	13.23	13.00	30	35
ZJJL74	ELF DGT RW	4500	5500	Y	STD	TRT	TAD	TZA	13.70	13.10	36	36
					OPT	TRH	TAD	TZA	13.41	13.40	36	36
					OPT	TRN	TAD	TZA	14.12	13.00	36	36
					OPT	TYR	TAD	TZA	13.60	13.40	36	36

* - For DYMO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TG02 - 400 /

Report Date: 05/17/95
Time: 13:47:37

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TCR3182801EL

Chrysler Corporation
FAMILY TIRE DESCRIPTION

Attachment of SDS, .y.2 of 4
of Executive Order A-9-325

TIRE DESCRIPTION	SIZE	RPM	CONSTRUCTION	P L Y SW	SIDEWALL MATERIAL	P L Y MATERIAL	OVERLAY MATERIAL	P L Y	TREAD DEPTH (IN.)
96 TMD TAD TZA INVICTA-GL (A/S)	P215/75R15	755	SBR 2-STEEL/2-POLYESTER	4	BSW Polyester	2	None	2	10
96 TME TAD TZA INVICTA-GL (A/S)	P215/75R15	755	SBR 2-STEEL/2-POLYESTER	4	OWL Polyester	2	None	2	10
96 TMK TAD TZH XCH4 (A/S)	LT215/75R15-D	752	SBR 2-STEEL/2-POLYESTER	4	BSW Polyester	2	None	2	11
96 TNC TAD TZA INVICTA-GL (A/S)	P195/75R15	791	SBR 2-STEEL/2-POLYESTER	4	BSW Polyester	2	None	2	10
96 TPF TAD TZA INVICTA-GL (A/S)	P205/75R15	770	SBR 2-STEEL/2-POLYESTER	4	BSW Polyester	2	None	2	10
96 TPF TAD TZH XW4 (A/S)	P205/75R15	770	SBR 2-STEEL/1-POLYESTER	3	BSW Polyester	1	None	1	10
96 TRH TAD TZA EAGLE LS (A/S)	P225/70R18	734	SBR 2-STEEL/2-POLYESTER	4	OWL POLYESTER	2	None	2	10
96 TRN TAD TZA WRANGLER (A/T)	P225/75R15	733	SBR 2-STEEL/2-POLYESTER	4	OWL Polyester	2	None	2	13
96 TRT TAD TZA WRANGLER AP (A/S)	P225/75R15	735	SBR 2-STEEL/2-POLYESTER	4	BSW Polyester	2	None	2	10
96 TYR TAD TZA WRANGLER GSA (A/T)	P245/70R15	728	SBR 2-STEEL/2-POLYESTER	4	OWL Polyester	2	None	2	13

1996 MY HORIBA 48 INCH DYNAMOMETER 20F SET UP INFORMATION

CALLOUT	MODEL	ENGINE	TRANS	IWC	40% FILL CERT DAW	TIRE SIZE	CODE	NAME	TIME PASSES	SET COEFFICIENTS A	B	C
TG02-3B	AN1L31	5.2	M-5	4250	1590	LT215/75R15D	TMK	XCH4	35	20.04	-0.3454	0.03921

COLDCO/98TG02

10-TG02-450

REPORT DATE: 04-29-95

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: TCR31828G1EL
Evaporative Fam: TCR1073AYPO8

Certificate #:

Model ID	Car Line	California Sales
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AM1L31	Dakota Pickup 2WD	YES
AM1L61	Dakota Pickup 2WD	YES
AM1L62	Dakota Pickup 2WD	YES
ZJL74	Grand Cherokee 4WD	YES

Model Codes	Model Codes
XJ J L 74	AN 1 L 31
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Body Style	1st digit:
72=2 door	3=Club Cab
74=4 door	6=Regular Cab
77=open	2=123.9" wb
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Trim Level	Price Class
L=Covers all trim levels	Model:
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Steering and Drive Line	1=2 wheel drive
B=Right Hand Steering, 2 wd-rear	5=4 wheel drive
U=Right Hand Steering, 4 wd	-----
J=Left Hand Steering, 4 wd	Body Code:
T=Left Hand Steering, 2 wd-rear	Dakota Pickup
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Car Line	
XJ=Cherokee	
YJ=Wrangler	
ZJ=Grand Cherokee	