State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-324
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: TCR31828G1EK 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:

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

Loaded Vehicle Weight(lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.18	2.4	0.3	9.0
	100,000	0.20	2.8	0.31	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 6 day of July 1995.

John Henderson for
R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-9-324
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1996 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: TCR31828G1EK Evap Fam: TCR1073AYP0B
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 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 ___ Equiv ___ R/L Test Proce: SHED ___ Pt Source ___
Hybrid: Type A ___ B ___ C ___, APU Cycle (e.g., Otto, Diesel, Turbine) ____
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 X 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)	AB1L11	A3	4500	SEE	56031106		52020285
	AB1L12		4750				
CA-200 (CA)	AB1L11	A4	4500	ATTACHMENT	56031104		
	AB1L12		4750				
CA-300 (CA)	AN5L61		4250		56031658		52020275 52020272
	AN5L31 AN5L62		4500				
CM-100 (CA)	AN5L61 AN5L62	M5	4250		56031656		
	AN5L31		4500				

Date Issued: 6/14/95
Revisions: ____

TH02-SDS/96

1996

Chrysler Corporation

TCR31828G1EK

FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/ TRANS	WEIGHT TEST	LBS GVW	A C	TIRE USE	DESCRIPTION YR	CODE	TRD	MFG	COASTDOWN TIME SEC	*DYNO HP	TIRE F	PRES R
AB1L11	ELF DGH RW	4500	5000	Y	STD	96	TPF	TAD	TZA	13.18	16.00	35	35
					OPT	96	TPF	TAD	TZH	13.18	15.90	35	35
					OPT	96	TRE	TAD	TZA	13.20	16.40	35	35
					OPT	96	TRF	TAD	TZA	13.20	16.40	35	35
					OPT	96	TSC	TAD	TZA	12.81	16.50	35	35
					OPT	96	TSC	TAD	TZH	13.07	16.00	35	35
					OPT	96	TSF	TAD	TZA	12.81	16.50	35	35
					OPT	96	TSF	TAD	TZH	13.07	16.00	35	35
					OPT	96	TW9	TAD	TZA	12.51	15.30	35	35
					OPT	96	TW9	TAD	TZH	12.95	15.40	35	35
AB1L11	ELF DGT RW	4500	5000	Y	STD	96	TPF	TAD	TZA	13.18	16.00	35	35
					OPT	96	TPF	TAD	TZH	13.18	15.90	35	35
					OPT	96	TRE	TAD	TZA	13.20	16.40	35	35
					OPT	96	TRF	TAD	TZA	13.20	16.40	35	35
					OPT	96	TSC	TAD	TZA	12.81	16.50	35	35
					OPT	96	TSC	TAD	TZH	13.07	16.00	35	35
					OPT	96	TSF	TAD	TZA	12.81	16.50	35	35
					OPT	96	TSF	TAD	TZH	13.07	16.00	35	35
					OPT	96	TW9	TAD	TZA	12.51	15.30	35	35
					OPT	96	TW9	TAD	TZH	12.95	15.40	35	35
AB1L12	ELF DGH RW	4750	5000	Y	STD	96	TPF	TAD	TZA	13.81	16.10	35	35
					OPT	96	TPF	TAD	TZH	13.83	16.00	35	35
					OPT	96	TRE	TAD	TZA	13.85	16.40	35	35
					OPT	96	TRF	TAD	TZA	13.85	16.40	35	35
					OPT	96	TSC	TAD	TZA	13.43	16.60	35	35
					OPT	96	TSC	TAD	TZH	13.72	16.00	35	35
					OPT	96	TSF	TAD	TZA	13.43	16.60	35	35
					OPT	96	TSF	TAD	TZH	13.72	16.00	35	35
					OPT	96	TW9	TAD	TZA	13.12	15.40	35	35
					OPT	96	TW9	TAD	TZH	13.57	15.50	35	35
AB1L12	ELF DGT RW	4750	5000	Y	STD	96	TPF	TAD	TZA	13.81	16.10	35	35
					OPT	96	TPF	TAD	TZH	13.83	16.00	35	35
					OPT	96	TRE	TAD	TZA	13.85	16.40	35	35
					OPT	96	TRF	TAD	TZA	13.85	16.40	35	35
					OPT	96	TSC	TAD	TZA	13.43	16.60	35	35
					OPT	96	TSC	TAD	TZH	13.72	16.00	35	35

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

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1996 Chrysler Corporation

TCR31828G1EK FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/ TRANS	WEIGHT TEST	LBS GVW	A C	TIRE USE	DESCRIPTION YR	CODE	TRD	MFG	COASTDOWN TIME SEC	*DYNO HP	TIRE F	PRES R
					OPT	96	TSF	TAD	TZA	13.43	16.60	35	35
					OPT	96	TSF	TAD	TZH	13.72	16.00	35	35
					OPT	96	TW9	TAD	TZA	13.12	15.40	35	35
					OPT	96	TW9	TAD	TZH	13.57	15.50	35	35
AN5L31	ELF DDC 4W	4500	5630	Y	STD	96	TSC	TAD	TZA	13.40	16.00	35	35
					OPT	96	TMD	TAD	TZA	13.67	15.80	35	35
					OPT	96	TSC	TAD	TZH	13.88	15.30	35	35
					OPT	96	TSK	TAD	TZA	12.85	16.10	35	35
					OPT	96	TSM	TAD	TZA	12.85	16.10	35	35
AN5L31	ELF DGT 4W	4500	5630	Y	STD	96	TSC	TAD	TZA	12.71	16.00	35	35
					OPT	96	TMD	TAD	TZA	12.94	15.90	35	35
					OPT	96	TSC	TAD	TZH	13.13	15.30	35	35
					OPT	96	TSK	TAD	TZA	12.21	16.20	35	35
					OPT	96	TSM	TAD	TZA	12.21	16.20	35	35
AN5L61	ELF DDC 4W	4250	5350	Y	STD	96	TPF	TAD	TZA	13.30	15.50	35	35
					OPT	96	TMD	TAD	TZA	13.30	15.50	35	35
					OPT	96	TPF	TAD	TZH	13.07	15.60	35	35
					OPT	96	TSC	TAD	TZA	13.07	15.60	35	35
					OPT	96	TSC	TAD	TZH	13.54	14.90	35	35
					OPT	96	TSK	TAD	TZA	12.52	15.80	35	35
					OPT	96	TSM	TAD	TZA	12.52	15.80	35	35
AN5L61	ELF DGT 4W	4250	5350	Y	STD	96	TPF	TAD	TZA	12.28	15.80	35	35
					OPT	96	TMD	TAD	TZA	12.28	15.80	35	35
					OPT	96	TPF	TAD	TZH	11.98	15.30	35	35
					OPT	96	TSC	TAD	TZA	12.07	16.00	35	35
					OPT	96	TSC	TAD	TZH	12.47	15.30	35	35
					OPT	96	TSK	TAD	TZA	11.59	16.10	35	35
					OPT	96	TSM	TAD	TZA	11.59	16.10	35	35
AN5L62	ELF DDC 4W	4250	5400	Y	STD	96	TPF	TAD	TZA	13.30	15.50	35	35
					OPT	96	TMD	TAD	TZA	13.30	15.50	35	35
					OPT	96	TPF	TAD	TZH	12.95	15.00	35	35
					OPT	96	TSC	TAD	TZA	13.07	15.60	35	35
					OPT	96	TSC	TAD	TZH	13.54	14.90	35	35
					OPT	96	TSK	TAD	TZA	12.52	15.80	35	35
					OPT	96	TSM	TAD	TZA	12.52	15.80	35	35
AN5L62	ELF DGT 4W	4500	5400	Y	STD	96	TPF	TAD	TZA	12.94	15.90	35	35
					OPT	96	TMD	TAD	TZA	12.94	15.90	35	35
					OPT	96	TPF	TAD	TZH	12.62	15.40	35	35
					OPT	96	TSC	TAD	TZA	12.71	16.00	35	35

* For DYNO HP = 0.00
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1996 Chrysler Corporation

TCR31828G1EK

FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/ TRANS	WEIGHT TEST	LBS GVW	A C	TIRE DESCRIPTION USE	YR	CODE	TRD	MFG	COASTDOWN TIME SEC	*DYNO HP	TIRE F	PRES R
					OPT	96	TSC	TAD	TZH	13.13	15.30	35	35
					OPT	96	TSK	TAD	TZA	12.21	16.20	35	35
					OPT	96	TSM	TAD	TZA	12.21	16.20	35	35

* - For DYNO HP = 0.00
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1996
TCR31828G1EK

Chrysler Corporation
FAMILY TIRE DESCRIPTION

TIRE DESCRIPTION YR	COD	TRD	MFG	NAME		SIZE	RPM	CONSTRUCTION COD	TREAD MATERIAL	PLY	SW	SIDEWALL MATERIAL	PLY	OVERLAY MATERIAL	PLY	TREAD DEPTH (IN.) X 1/32
96	TMD	TAD	TZA	INVICTA-GL	(A/S)	P215/75R15	755	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	TPF	TAD	TZH	XW4		P205/75R15	770	SBR	2-Steel/1-Polyester	3	BSW	Polyester	1	None		10
96	TRE	TAD	TZA	INVICTA-GL	(A/S)	P225/75R15	736	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None		10
96	TRF	TAD	TZA	INVICTA-GL	(A/S)	P225/75R15	736	SBR	2-Steel/2-Polyester	4	WSW	Polyester	2	None		10
96	TSC	TAD	TZA	INVICTA-GL	(A/S)	P235/75R15-XL	724	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	Nylon	1	10
96	TSC	TAD	TZH	XW4	(A/S)	P235/75R15-XL	720	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None		10
96	TSF	TAD	TZA	INVICTA-GL	(A/S)	P235/75R15-XL	724	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	Nylon	1	10
96	TSF	TAD	TZH	XW4	(A/S)	P235/75R15-XL	720	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None		10
96	TSK	TAD	TZA	WRANGLER AT		P235/75R15-XL	723	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None		13
96	TSM	TAD	TZA	WRANGLER AT		P235/75R15-XL	723	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None		13
96	TW9	TAD	TZA	WRANGLER AT	(A/S)	LT235/75R15-D	716	SBR	2-STEEL/2-POLYESTER	4	BSW	Polyester	2	None		13
96	TW9	TAD	TZH	XCH4	(A/S)	LT235/75R15-C	720	SBR	2-STEEL/2-POLYESTER	4	BSW	Polyester	2	None		10

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1996 MY HORIBA 48 INCH DYNAMOMETER 20F SET UP INFORMATION

CALLOUT	MODEL	ENGINE	TRANS	IWC	40% FILL CERT DAW	TIRE SIZE	CODE	NAME	SET COEFFICIENTS TIRE PRESS	A LBS	B LBS/MPH	C LBS/MPH^2
TH02-2	AN5L31	5.2	M-5	4500	1653	P235/75R15	TSK	WRANGLER	35	39.78	-0.5521	0.04597

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: TCR31828G1EK
Evaporative Fam: TCR1073AYP0B

Certificate #:

Model ID	Car Line	California Sales
AN5L31	Dakota Pickup 4WD	YES
AN5L61	Dakota Pickup 4WD	YES
AN5L62	Dakota Pickup 4WD	YES
AB1L11	Ram Van 1500 2WD	YES
AB1L12	Ram Van 1500 2WD	YES

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Model Codes
AB 1 L  11
|  | |  |
|  | |  --- 1st digit: 2nd digit:
|  | |      1=Van      1=109.6" wb
|  | |      5=Wagon    2=127.6" wb
|  | |                 3=127.6" maxi wb
|  | |
|  | ------ Price Class
|  |
|  -------- Model:
|           1=B1500
|           2=B2500
|           3=B3500
|
----------- Body Code:
            Vans
            Wagons
```

```
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
```