File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-363
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 Chrysler Corporation 1997 model-year exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: VCR318H8G1EK Displacement: 5.2 Liters (318 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converter
Heated Oxygen Sensors (two)
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:

Test 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
	120,000	0.46	6.4	0.98	n/a

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

Test Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.21	3.4	0.6	10.0
	120,000	0.22	4.1	0.79	n/a

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 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 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 "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 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 18 day of July 1996.

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

E.O. # A-9-363
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1997 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: VCR318H8G1EK Evap Fam: VCR1073AYP0B / VCR1090AYP0B

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 X Alt In Use ____
Veh Class(es): PC ____ LDT1 ____ LDT2 ____ MDV1 ____ MDV2 X 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-8 Displacement: 5.2 / ____ Liters 318 / ____ Cubic Inches
Valves per Cylinder: 2 Rated HP: 215 / ____ @ 4000/ ____ RPM
Engine: Front X Mid ____ Rear ____ Drive: FWD ____ 4WD-FT ____ 4WD-PT X
Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC, HO2S(2), OBD II, 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.
CM-200 (CA)	BR1L31 BR1L32 BR1L61 BR1L62	M5	5500	SEE ATTACHED	56040386AA		52103198
CM-300 (CA)	BR6L61 BR6L62		5500				
CM-100 (CA)	AN1L61 AN1L62		5000		56040132C		52019300

*Test Weights reflect ALVW.
Date Issued: 06/28/96

Revisions: ____

M03-SDS/97

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: VCR318H8G1EK
Evaporative Fam: VCR1073AYP0B

Model ID	Car Line
BR1L31	Ram 1500 Pickup 2WD
BR1L32	Ram 1500 Pickup 2WD
BR1L61	Ram 1500 Pickup 2WD
BR1L62	Ram 1500 Pickup 2WD
BR6L61	Ram 1500 Pickup 4WD
BR6L62	Ram 1500 Pickup 4WD

Model Codes

```
BR 2 L  62
|  |  |  |
|  |  |  --- 1st digit:     2nd digit:
|  |  |      3=Club Cab     1=119" or 139" wb
|  |  |      6=Regular Cab  2=135" or 155" wb
|  |  |                     3=139" wb Chassis Cab
|  |  |                     4=163" wb Chassis Cab
|  |  |
|  |  ------ Price Class
|  |         L=Covers all trim levels
|  |         C=Chassis Cab
|  |
|  -------- Model:
|            1=1500    6=1500 4X4
|            2=2500    7=2500 4X4
|            3=3500    8=3500 4X4
|
---------- Body Code:
            Ram Pickup
            Ram Club Cab
            Ram Chassis Cab
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MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: VCR318H8G1EK
Evaporative Fam: VCR1090AYP0B

Model ID	Car Line
AN1L61	Dakota Pickup 2WD
AN1L62	Dakota Pickup 2WD

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-----------------------------------------------------------------------------
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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1997
VCR318H8G1EK

Chrysler Corporation
Family Tire Usage

MODEL	ENG	TRANS	A C	GVW	MKT TYPE	LVW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	LOADED VEHICLE WEIGHT COAST DOWN TIME	*DYNO HP	TIRE PRES F	R	COLD CO ELECTRIC DYNO COEFFICIENTS TARGET A (LINE 1 IS 20 DEG COEFFS,LINE 2 IS 50 DEG WHEN NEEDED)	B	C	SET A	B	C	ADJUSTED LOADED VEHICLE WGT ALVW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	R
AN1L61	ELF	DDC	RW Y	6240	C	4000	STD	97	TS1	TZA		13.31	14.4	35	35							5000	15.69	12.8	35	35
AN1L62	ELF	DDC	RW Y	6340	C	4000	STD	97	TS1	TZA		13.31	14.4	35	35							5000	15.69	12.8	35	35
BR1L31	ELF	DDC	RW Y	6400	C	5000	STD	97	TRY	TZA		15.72	15.4	35	35							5500	17.08	15.0	35	35
							OPT	97	TYF	TZA		15.96	15.4	35	35								17.19	15.1	35	35
							OPT	97	TYG	TZA		15.60	15.7	35	35								16.79	15.6	35	35
							OPT	97	TYK	TZA		15.49	15.9	35	35								16.76	15.4	35	35
BR1L32	ELF	DDC	RW Y	6400	C	5000	STD	97	TRY	TZA		15.72	15.4	35	35							5500	17.08	15.0	35	35
							OPT	97	TYF	TZA		15.96	15.4	35	35								17.19	15.1	35	35
							OPT	97	TYG	TZA		15.60	15.7	35	35								16.79	15.6	35	35
							OPT	97	TYK	TZA		15.49	15.9	35	35								16.76	15.4	35	35
BR1L61	ELF	DDC	RW Y	6400	C	4750	STD	97	TRY	TZA		15.39	15.1	35	35							5500	17.08	15.0	35	35
							OPT	97	TYF	TZA		15.54	15.2	35	35								17.19	15.1	35	35
							OPT	97	TYG	TZA		15.20	15.5	35	35								16.79	15.6	35	35
							OPT	97	TYK	TZA		15.08	15.8	35	35								16.76	15.4	35	35
BR1L62	ELF	DDC	RW Y	6400	C	4750	STD	97	TRY	TZA		15.39	15.1	35	35							5500	17.08	15.0	35	35
							OPT	97	TYF	TZA		15.54	15.2	35	35								17.19	15.1	35	35
							OPT	97	TYG	TZA		15.20	15.5	35	35								16.79	15.6	35	35
							OPT	97	TYK	TZA		15.08	15.8	35	35								16.76	15.4	35	35
BR6L61	ELF	DDC	4W Y	6400	C	5000	STD	97	TWA	TZH		13.36	15.6	40	35							5500	14.45	14.4	50	50
							OPT	97	TXE	TZA		12.73	15.8	35	35				27.97	-0.6350	0.05263		13.32	15.6	40	40
							OPT	97	TXW	TZA		13.82	15.3	35	35								14.58	15.1	45	45
							OPT	97	TYK	TZA		13.45	16.7	35	35								14.70	15.5	45	45
							OPT	97	TYL	TZA		12.94	16.8	35	35								14.16	15.5	45	45
							OPT	97	TYM	TZA		12.94	16.8	35	35								14.16	15.5	45	45
							OPT	97	TYW	TZA		14.08	16.1	35	35								15.30	16.0	45	45
BR6L62	ELF	DDC	4W Y	6400	C	5250	STD	97	TWA	TZH		13.90	15.7	40	35							5500	14.45	14.4	50	50
							OPT	97	TXE	TZA		13.24	15.9	35	35								13.32	15.6	40	40
							OPT	97	TXW	TZA		14.39	15.4	35	35								14.58	15.1	45	45
							OPT	97	TYK	TZA		14.00	16.8	35	35								14.70	15.5	45	45
							OPT	97	TYL	TZA		13.47	16.9	35	35								14.16	15.5	45	45
							OPT	97	TYM	TZA		13.47	16.9	35	35								14.16	15.5	45	45
							OPT	97	TYW	TZA		14.66	16.2	35	35								15.30	16.0	45	45

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TH03 - 400 /

Report Date: 06/05/96
Time: 10:07:12

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
97	TRY	TZA		WRANGLER AP (A/S)	P225/75R16-XL	711	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	11
97	TS1	TZA		WRANGLER RTS (A/T)	P235/75R15	719	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	13
97	TWA	TZH		LTX (A/S)	LT225/75R16-C	712	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	13
97	TXE	TZA		WRANGLER (A/T)	LT265/75R16-C	661	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	17
97	TXW	TZA		WRANGLER RTS A/T	P265/75R16	660	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	11
97	TYF	TZA		WRANGLER AP (A/S)	P245/75R16	687	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	12
97	TYG	TZA		WRANGLER AP (A/S)	P245/75R16	687	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	12
97	TYK	TZA		WRANGLER RT/S(A/S)	LT245/75R16-C	683	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	14
97	TYL	TZA		WRANGLER RT/S(A/T)	LT245/75R16-C	679	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	16
97	TYM	TZA		WRANGLER AT (A/T)	LT245/75R16-C	679	SBR	2-Steel/2-POLYESTER	4	OWL	Polyester	2	None	0	16
97	TYW	TZA		WRANGLER RTS A/S	P245/75R16	687	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	11

Report Date: 06/05/96
Time: 10:07:12