File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-341
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: VCR488J8G1EK Displacement: 8.0 Liters (488 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converter
Dual Heated Oxygen Sensors
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 (in-use compliance standards in parentheses) for this engine family in grams per mile are:

Test Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
5751-8500	50,000	0.39 (0.49)	5.0 (6.2)	1.1 (1.4)
	120,000	0.56 (n/a)	7.3 (n/a)	1.53 (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
5751-8500	50,000	0.18	3.2	0.4
	120,000	0.23	4.0	0.51

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 based on a 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 50 percent of the manufacturer's projected sales of 1997 model-year California-certified medium-duty vehicles 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 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)(6.2) ("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 16th day of May 1996.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1997 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: VCR488J8G1EK Evap Fam: VCR1073AYP0C

All Eng Codes in Eng Fam: CA X 49S ____ 50S ____ AB965 ____

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 ____ MDV1 ____ MDV2 ____ MDV3 X 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-10 Displacement: 8.0 Liters 488 Cubic Inches

Valves per Cylinder: 2 Rated HP: 300 @ 4400 RPM

Engine: Front X Mid ____ Rear ____ Drive: FWD ____ RWD X 4WD-FT ____ 4WD-PT X

Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC, 2HO2S,HO2S(2), 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 Weight*	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Converter Part No.
CA-100 (CA)	BR2L62	A4	7000	SEE ATTACHED	56040100	--	52103201
	BR2L32		7500				
	BR2C62 BR3L62		8000				
	BR3L32		8500				
CA-200 (CA)	BR7L32 BR7L62		7500				
	BR7C62		8000				
	BR8L62		8500				

* Test weight equals ALVW

Date Issued: 03/08/96

Revisions: ____

TK01-SDS/97

1997 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES
(cont'd.)

ufacturer: Chrysler Corporation Exh Eng Fam: VCR488J8G1EK Evap Fam: VCR1073AYP0C

Engine Code (also list CA/49ST/50ST)	Vehicle Models (if coded see attachment)	Trans. Type M5 A4	ETW or Test Weight*	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Converter Part No.
CM-100 (CA)	BR2L62	M5	7000	SEE ATTACHMENT	56040098	--	52103201
	BR2L32		7500				
	BR2C62 BR3L62		8000				
	BR3L32		8500				
CM-200 (CA)	BR7L32 BR7L62		7500				
	BR7C62		8000				
	BR8L62		8500				

*Test weight equals ALVW

Date Issued: 03/08/96

Revisions:

TK01-SDS/97

1997
VCR488J8G1EK

Chrysler Corporation
Family Tire Usage

MODEL	ENG	TRANS	A C	GVW	MKT TYPE	LVW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R	TARGET A	TARGET B	TARGET C	SET A	SET B	SET C	ALVW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R
												LOADED VEHICLE WEIGHT				COLD CO ELECTRIC DYNO COEFFICIENTS (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)						ADJUSTED LOADED VEHICLE WGT				
BR2C62	EWA	DDX	RW Y	8800	C	7500	STD	97	TYD	TZA		0.00	35.0	45	40							8000	0.00	35.0	45	40
							OPT	97	TYH	TZA		0.00	35.0	45	40								0.00	35.0	45	40
							OPT	97	TYN	TZA		0.00	35.0	45	40								0.00	35.0	45	40
							OPT	97	TYP	TZA		0.00	35.0	45	40								0.00	35.0	45	40
BR2C62	EWA	DGP	RW Y	8800	C	7500	STD	97	TYD	TZA		0.00	35.0	45	40							8000	0.00	35.0	45	40
							OPT	97	TYH	TZA		0.00	35.0	45	40								0.00	35.0	45	40
							OPT	97	TYN	TZA		0.00	35.0	45	40								0.00	35.0	45	40
							OPT	97	TYP	TZA		0.00	35.0	45	40								0.00	35.0	45	40
BR2L32	EWA	DDX	RW Y	8800	C	6000	STD	97	TYD	TZA		16.41	16.0	45	40							7500	19.20	14.4	40	55
							OPT	97	TYH	TZA		16.21	15.4	40	40								19.12	13.3	40	55
							OPT	97	TYN	TZA		16.41	16.0	40	40								19.20	14.4	40	55
							OPT	97	TYP	TZA		16.21	15.4	40	40								19.12	13.3	40	55
BR2L32	EWA	DGP	RW Y	8800	C	6000	STD	97	TYD	TZA		15.23	15.8	40	40							7500	18.24	14.3	40	55
							OPT	97	TYH	TZA		15.07	15.2	40	40								18.17	13.3	40	55
							OPT	97	TYN	TZA		15.23	15.8	40	40								18.24	14.3	40	55
							OPT	97	TYP	TZA		15.07	15.2	40	40								18.17	13.3	40	55
BR2L62	EWA	DDX	RW Y	8800	C	6000	STD	97	TYD	TZA		16.41	16.0	40	40							7000	18.23	13.8	40	55
							OPT	97	TYH	TZA		16.21	15.4	40	40								18.16	12.8	40	55
							OPT	97	TYN	TZA		16.41	16.0	40	40								18.23	13.8	40	55
							OPT	97	TYP	TZA		16.21	15.4	40	40								18.16	12.8	40	55
BR2L62	EWA	DGP	RW Y	8800	C	5500	STD	97	TYD	TZA		14.31	16.0	40	40							7000	17.21	13.9	40	55
							OPT	97	TYH	TZA		14.14	15.5	40	40								17.15	12.9	40	55
							OPT	97	TYN	TZA		14.31	16.0	40	40								17.21	13.9	40	55
							OPT	97	TYP	TZA		14.14	15.5	40	40								17.15	12.9	40	55
BR3L32	EWA	DDX	RW Y	10500	C	6500	STD	97	TVV	TZA		13.93	19.6	45	40							8500	17.74	25.8	55	60
							OPT	97	TVW	TZA		13.99	20.2	45	40								17.68	26.5	55	60
BR3L32	EWA	DGP	RW Y	10500	C	6500	STD	97	TVV	TZA		13.25	19.5	45	40							8500	16.84	26.9	55	60
							OPT	97	TVW	TZA		13.29	20.1	45	40								16.79	27.6	55	60
BR3L62	EWA	DDX	RW Y	10500	C	6000	STD	97	TVV	TZA		13.48	18.9	45	40							8000	16.97	25.9	55	60
							OPT	97	TVW	TZA		13.43	19.6	45	40								16.92	26.6	55	60
BR3L62	EWA	DGP	RW Y	10500	C	6000	STD	97	TVV	TZA		12.48	19.4	45	40							8000	16.10	27.1	55	60
							OPT	97	TVW	TZA		12.48	20.0	45	40								16.06	27.8	55	60
BR7C62	EWA	DDX	4W Y	8800	C	7500	STD	97	TYD	TZA		0.00	35.0	45	40							8000	0.00	35.0	45	40
							OPT	97	TYH	TZA		0.00	35.0	45	40								0.00	35.0	45	40
							OPT	97	TYN	TZA		0.00	35.0	45	40								0.00	35.0	45	40
							OPT	97	TYP	TZA		0.00	35.0	45	40								0.00	35.0	45	40
BR7C62	EWA	DGP	4W Y	8800	C	7500	STD	97	TYD	TZA		0.00	35.0	45	40							8000	0.00	35.0	45	40
							OPT	97	TYH	TZA		0.00	35.0	45	40								0.00	35.0	45	40
							OPT	97	TYN	TZA		0.00	35.0	45	40								0.00	35.0	45	40
							OPT	97	TYP	TZA		0.00	35.0	45	40								0.00	35.0	45	40
BR7L32	EWA	DDX	4W Y	8800	C	6500	STD	97	TYD	TZA		16.05	17.8	40	40							7500	18.15	16.0	45	55
							OPT	97	TYH	TZA		16.03	16.9	40	40								17.70	15.5	45	55
							OPT	97	TYN	TZA		16.05	17.8	40	40								18.15	16.0	45	55

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

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Report Date: 03/04/96
Time: 15:45:12

Attachment of SDS Pg 1 of 4
of Executive Order A-9-341

1997
YCR488J8G1EK

Chrysler Corpora
Family Tire Usage

MODEL	ENG	TRANS	A C	GVW	MKT TYPE	LVW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R	LOADED VEHICLE WEIGHT: TARGET A	B	C	COLD CO ELECTRIC DYNO COEFFICIENTS (LINE 1 IS 20 DEG COEFFS,LINE 2 IS 50 DEG WHEN NEEDED): SET A	B	C	ADJUSTED LOADED VEHICLE WGT: ALVW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R
							OPT	97	TYP	TZA		16.03	16.9	40	40								17.70	15.5	45	55
BR7L32	EWA	DGP	4W	Y	8800	C	STD	97	TYD	TZA		15.00	17.9	40	40							7500	17.29	16.1	45	55
							OPT	97	TYH	TZA		14.99	16.9	40	40								16.88	15.6	45	55
							OPT	97	TYN	TZA		15.00	17.9	40	40								17.29	16.1	45	55
							OPT	97	TYP	TZA		14.99	16.9	40	40								16.88	15.6	45	55
BR7L62	EWA	DDX	4W	Y	8800	C	STD	97	TYD	TZA		16.05	17.8	40	40							7500	18.15	16.0	45	55
							OPT	97	TYH	TZA		16.03	16.9	40	40								17.70	15.5	45	55
							OPT	97	TYN	TZA		16.05	17.8	40	40								18.15	16.0	45	55
							OPT	97	TYP	TZA		16.03	16.9	40	40								17.70	15.5	45	55
BR7L62	EWA	DGP	4W	Y	8800	C	STD	97	TYD	TZA		14.46	17.5	40	40							7500	17.29	16.1	45	55
							OPT	97	TYH	TZA		14.45	16.6	40	40								16.88	15.6	45	55
							OPT	97	TYN	TZA		14.46	17.5	40	40								17.29	16.1	45	55
							OPT	97	TYP	TZA		14.45	16.6	40	40								16.88	15.6	45	55
BR8L62	EWA	DDX	4W	Y	10500	C	STD	97	TV1	TZA		12.82	21.1	65	40							8500	16.03	28.4	65	40
							OPT	97	TV2	TZA		12.53	20.5	65	40								15.53	28.8	65	40
BR8L62	EWA	DGP	4W	Y	10500	C	STD	97	TV1	TZA		12.23	21.0	65	40							8500	15.30	29.4	65	40
							OPT	97	TV2	TZA		11.97	20.4	65	40								14.84	29.9	65	40

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

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Report Date: 03/04/96
Time: 15:45:12

Attachment of SDS Pg 2 of 4
of Executive Order A-9-341

1997
VCR488J8G1EK

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	TV1	TZA		WRANGLER RT/S (A/S)	LT215/85R16-E	684	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	14
97	TV2	TZA		WRANGLER AT (A/T)	LT215/85R16-E	681	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	16
97	TVV	TZA		WRANGLER RT/S (A/S)	LT215/85R16-D	684	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	14
97	TVW	TZA		WRANGLER AT (A/T)	LT215/85R16-D	681	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	16
97	TYD	TZA		WRANGLER RT/S(A/S)	LT245/75R16-E	683	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	14
97	TYH	TZA		WRANGLER AT (A/T)	LT245/75R16-E	679	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	16
97	TYN	TZA		WRANGLER RT/S (A/S)	LT245/75R16-E	683	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	14
97	TYP	TZA		WRANGLER AT (A/T)	LT245/75R16-E	679	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	16

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Time: 15:45:12

Attachment of SDS Pg 3 of 4
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MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: VCR488J8G1EK
Evaporative Fam: VCR1073AYPOC

Certificate #:

Model ID	Car Line	California Sales
BR2C62	Ram 2500 Cab Chassis 2WD HDV	YES
BR2L32	Ram 2500 Pickup 2WD	YES
BR2L62	Ram 2500 Pickup 2WD	YES
BR7L32	Ram 2500 Pickup 4WD	YES
BR7L62	Ram 2500 Pickup 4WD	YES
BR7C62	Ram 3500 Cab Chassis 4WD HDV	YES
BR3L32	Ram 3500 Pickup 2WD	YES
BR3L62	Ram 3500 Pickup 2WD HDV	YES
BR8L62	Ram 3500 Pickup 4WD	YES

Model Codes
BR 2 L 62

--- 1st digit:
3=Club Cab
6=Regular Cab

2nd digit:
1=119" or 139" wb
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