

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:

<u>Test Weight (lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
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:

<u>Test Weight (lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
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.

CHRYSLER CORPORATION

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The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 16<sup>th</sup> 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: VCR1073AYPOC  
 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, 2H02S, H02S(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	S E E  A T T A C H E D	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: \_\_\_\_\_

1997 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 2 of 2  
 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES  
 (cont'd.)

Manufacturer: Chrysler Corporation Exh Eng Fam: VCR488J8G1EK Evap Fam: VCR1073AYPOC

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	S E E  A T T A C H M E N T	56040098	--	52103201
	BR2L32		7500				
	BR2C62 BR3L62		8000				
	BR3L32		8500				
CM-200 (CA)	BR7L32 BR7L62	M5	7500				
	BR7C62		8000				
	BR8L62		8500				

\*Test weight equals ALVW

Date Issued: 03/08/96

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

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG TRANS	A	MKT	TIRE DESCRIPTION	COAST	TIRE		TARGET A	B	C	SET A	B	C	ALYW	DOWN	TIRE		
						HP	F R									HP	F R	
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	0.00	35.0	45	40
					OPT 97 TYH TZA	0.00	35.0	45	40		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	0.00	35.0	45	40
					OPT 97 TYP TZA	0.00	35.0	45	40		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	0.00	35.0	45	40
					OPT 97 TYH TZA	0.00	35.0	45	40		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	0.00	35.0	45	40
					OPT 97 TYP TZA	0.00	35.0	45	40		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	19.12	13.3	40	55
					OPT 97 TYH TZA	16.21	15.4	40	40		18.20	14.4	40	55	18.12	13.3	40	55
					OPT 97 TYN TZA	16.41	16.0	40	40		18.20	14.4	40	55	19.12	13.3	40	55
					OPT 97 TYP TZA	16.21	15.4	40	40		18.24	14.3	40	55	18.17	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	18.17	13.3	40	55
					OPT 97 TYH TZA	15.07	15.2	40	40		18.24	14.3	40	55	18.17	13.3	40	55
					OPT 97 TYN TZA	15.23	15.8	40	40		18.17	13.3	40	55	18.17	13.3	40	55
					OPT 97 TYP TZA	15.07	15.2	40	40		18.23	13.8	40	55	18.16	12.8	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	18.16	12.8	40	55
					OPT 97 TYH TZA	16.21	15.4	40	40		18.23	13.8	40	55	18.16	12.8	40	55
					OPT 97 TYN TZA	16.41	16.0	40	40		18.23	13.8	40	55	18.16	12.8	40	55
					OPT 97 TYP TZA	16.21	15.4	40	40		17.21	13.9	40	55	17.15	12.9	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	17.15	12.9	40	55
					OPT 97 TYH TZA	14.14	15.5	40	40		17.21	13.9	40	55	17.15	12.9	40	55
					OPT 97 TYN TZA	14.31	16.0	40	40		17.15	12.9	40	55	17.15	12.9	40	55
					OPT 97 TYP TZA	14.14	15.5	40	40		17.74	25.8	55	60	17.68	28.5	55	60
BR3L32	EWA DDX	RW	Y 10500	C 6500	STD 97 TVV TZA	13.93	19.6	45	40	8500	17.68	28.5	55	60	17.68	28.5	55	60
					OPT 97 TVH TZA	13.99	20.2	45	40		16.84	28.9	55	60	16.79	27.8	55	60
					OPT 97 TVW TZA	13.25	19.5	45	40		16.97	25.9	55	60	16.92	26.8	55	60
					OPT 97 TVV TZA	13.29	20.1	45	40		16.10	27.1	55	60	16.06	27.8	55	60
BR3L62	EWA DDX	RW	Y 10500	C 6000	STD 97 TVV TZA	13.48	18.9	45	40	8000	0.00	35.0	45	40	0.00	35.0	45	40
					OPT 97 TVH TZA	13.43	19.6	45	40		0.00	35.0	45	40	0.00	35.0	45	40
					OPT 97 TVW TZA	12.48	19.4	45	40		0.00	35.0	45	40	0.00	35.0	45	40
					OPT 97 TVV TZA	12.48	20.0	45	40		0.00	35.0	45	40	0.00	35.0	45	40
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	0.00	35.0	45	40
					OPT 97 TYH TZA	0.00	35.0	45	40		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	0.00	35.0	45	40
					OPT 97 TYP TZA	0.00	35.0	45	40		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	0.00	35.0	45	40
					OPT 97 TYH TZA	0.00	35.0	45	40		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	0.00	35.0	45	40
					OPT 97 TYP TZA	0.00	35.0	45	40		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	17.70	15.5	45	55
					OPT 97 TYH TZA	16.03	16.9	40	40		18.15	16.0	45	55	18.15	16.0	45	55
					OPT 97 TYN TZA	16.05	17.8	40	40		18.15	16.0	45	55	18.15	16.0	45	55

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

/ 10. - TK01 - 400 /

\* - For DYNO HP = 0.00  
Ref To FRONTAL AREA

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	MKT	LYW	TIRE DESCRIPTION	USE YR	COD	MFG	OPT	COAST		*DYNO		TIRE		COLD CO			ELECTRIC DYNO			COEFFICIENTS		ALVW	DOWN	TIME	HP	PRES	F	R									
											DOWN	TIME	HP	PRES	SET A	SET B	SET C	LINE 1	LINE 2	LINE 3	LINE 4	LINE 5	LINE 6	LINE 7								LINE 8	LINE 9							
BR7L32	EWA	DGP	4W	Y	8800	C	6500	OPT	97	TYP	TZA	16.03	18.9	40	40	17.70	15.5	45	55	17.29	16.1	45	55	18.88	15.8	45	55	17.29	16.1	45	55	18.88	15.8	45	55	7500	17.29	16.1	45	55
BR7L62	EWA	DDX	4W	Y	8800	C	6500	OPT	97	TYP	TZA	14.99	16.9	40	40	17.70	15.5	45	55	18.15	16.0	45	55	17.70	15.5	45	55	18.15	16.0	45	55	17.70	15.5	45	55	7500	18.15	16.0	45	55
BR7L62	EWA	DGP	4W	Y	8800	C	6000	OPT	97	TYH	TZA	16.03	16.9	40	40	17.70	15.5	45	55	17.70	15.5	45	55	17.70	15.5	45	55	17.70	15.5	45	55	17.70	15.5	45	55	7500	17.70	15.5	45	55
BR8L62	EWA	DDX	4W	Y	10500	C	8500	STD	97	TV1	TZA	14.45	16.8	40	40	17.70	15.5	45	55	17.29	16.1	45	55	16.88	15.6	45	55	17.29	16.1	45	55	16.88	15.6	45	55	8500	16.88	15.6	45	55
BR8L62	EWA	DGP	4W	Y	10500	C	8500	STD	97	TV2	TZA	12.82	21.1	65	40	15.30	29.4	65	40	15.30	29.4	65	40	15.30	29.4	65	40	15.30	29.4	65	40	15.30	29.4	65	40	8500	15.30	29.4	65	40
								OPT	97	TV2	TZA	11.97	20.4	85	40	14.84	29.9	85	40	14.84	29.9	85	40	14.84	29.9	85	40	14.84	29.9	85	40	14.84	29.9	85	40	8500	14.84	29.9	85	40

\* - For DYNO HP = 0.00  
Ref To FRONTAL AREA

/ 10. - TK01 - 401 /

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

1997  
VCR488J8G1EK

Chrysler Corporation  
FAMILY TIRE DESCRIPTION

TIRE DESCRIPTION YR COD MFG OPT NAME	SIZE	CONSTRUCTION RPM COD TREAD MATERIAL	P L SW SIDEWALL MATERIAL		P L OVERLAY MATERIAL		TREAD DEPTH (IN.)	
			Y	SW	Y	L	Y	X
97 TV1 TZA	LT215/85R16-E	684 SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0	14
97 TV2 TZA	LT215/85R16-E	681 SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0	16
97 TVV TZA	LT215/85R16-D	684 SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0	14
97 TVW TZA	LT215/85R16-D	681 SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0	16
97 TYD TZA	LT245/75R16-E	683 SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0	14
97 TYH TZA	LT245/75R16-E	678 SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0	16
97 TYN TZA	LT245/75R16-E	683 SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0	14
97 TYP TZA	LT245/75R16-E	678 SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0	16

Report Date: 03/04/86  
Time: 15:45:12

/ 10. - TK01 - 402 /



MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: VCR488J8G1EK  
Evaporative Fam: VCR1073AYPOC

Certificate #:

Model ID	Car Line	California Sales
BR2C82	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
BR7C82	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: 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