State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-434
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 1999 model-year Chrysler Corporation exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: XCRXA0488K11 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 for this engine family in grams per mile are:

Test Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
8501-10000	50,000	0.46	5.5	1.3
	120,000	0.66	8.1	1.81

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
8501-10000	50,000	0.19	4.1	0.7
	120,000	0.24	5.2	0.88

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 medium-duty vehicle phase-in 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" (Title 13, California Code of Regulations, Section 1960.1(h)(2)).

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 under the submitted medium-duty vehicle phase-in compliance plan, if the manufacturer incurs "Vehicle Equivalent Debits" for the aforementioned model year due to the manufacturer's failure to produce and deliver for sale in California the equivalent quantity of medium-duty vehicles certified to low-emission vehicle and/or ultra-low-emission vehicle exhaust emission standards required by the above-referenced standards and test procedures, all "Vehicle Equivalent Debits" incurred by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent 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 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 and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed manual transmission vehicle models are certified 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").

BE IT FURTHER RESOLVED: That the listed automatic transmission 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.

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.).

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 15th day of July 1998.

R. B. Summerfield, Chief
Mobile Source Operations Division

E.O. # A-9-434
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1999 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: XCRXA0488K11 Evap Fam: XCRXE0174G5H & G6H
All Eng Codes in Eng Fam: CA X 49S___ 50S___ AB965___ ORVR: YES___ NO X
Exh Std: CA Tier-1 X TLEV___ LEV___ ULEV___ SULEV___; US EPA Tier-1___
Veh Class(es): PC___ LDT1___ LDT2___ MDV1___ MDV2___ MDV3___ MDV4 X MDV5___
Single Cert Std for Multi-Class Eng Fam:___ (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___ CBG X CNG___ LPG___ M85___ Other(specify) ___
Diesel: 13 CCR 2282___ or 40 CFR 86.113-90___ or 40 CFR 86.113-94___
Evaporative Emission Test Procedure: California___ Federal X
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 X
Engine Configuration: V-10 Displacement: 8.0 Liters 488 Cubic Inches
Valves per Cylinder: 2 Rated HP: 295 @ 4000 RPM
Engine: Front X Mid___ Rear___ Drive: FWD___ RWD X 4WD-FT___ 4WD-PT X
Exhaust ECS (eg., EGR, MFI, TC, CAC): $2HO2S, HO2S(2), TWC, SFI, OBD II
(use abbreviations per SAE J1930 JUN93)

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)	BR3L63 BR3L64	A4	9000	SEE ATTACHMENT	56040156AA 56040156AB	--	52103201
CA-200 (CA)	BE8L34 BR8L63 BR8L64		9000		56040156AA 56040156AB		52103201
CM-100 (CA)	BR3L63 BR3L64	M5	9000		56040155AA 56040155AB		52103201
CM-200 (CA)	BE8L34 BR8L63 BR8L64		9000		56040155AA 56040155AB		52103201

Evaporative Families

WCRXE0174G5H: CA-200, CM-200
WCRXE0174G6H: CA-100, CA-200, CM-100, CM-200

Date Issued: 04-30-98

Revisions: 07-14-98

TM02-SDS/95

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: XCRXA0488K11
Evaporative Fam: XCRXE0174G5H

Certificate #:

Model ID	Car Line	California Sales
BEBL34	Ram 3500 Pickup 4WD	YES

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Model Codes
BE 8 L  34
|  | |  |
|  | |  -- 1st digit:    2nd digit:
|  | |     3=Club Cab     1=139" wb w/2 Doors
|  | |                    2=155" wb w/2 Doors
|  | |                    3=139" wb w/4 Doors
|  | |                    4=155" wb w/4 Doors
|  | |
|  | ----- Price Class
|  |        L=Covers all trim levels
|  |
|  |
|  ------- Model:
|           1=1500   6=1500 4X4
|           2=2500   7=2500 4X4
|           3=3500   8=3500 4X4
|
---------- Body Code:
            Ram Club Cab
```

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: XCRXA0488K11
Evaporative Fam: XCRXE0174G6H

Certificate #:

Model ID	Car Line	California Sales
BR8L63	Ram 3500 Cab Chassis 4WD HDV	YES
BR3L63	Ram 3500 Pickup 2WD HDV	YES
BR3L64	Ram 3500 Pickup 2WD HDV	YES
BR8L64	Ram 3500 Pickup 4WD HDV	YES

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Model Codes
BR 2 L  62
|  | |  |
|  | |  -- 1st digit:    2nd digit:
|  | |     6=Regular Cab 1=119" or 139" wb
|  | |                   2=135" or 155" wb
|  | |                   3=139" wb Chassis Cab
|  | |                   4=163" wb Chassis Cab
|  | |                   5=135" 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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REPORT DATE 04-30-98

1999
XCRXA0488K11

Chrysler Corporation
Family Tire Usage

MODEL	ENG	TRANS	A C	GVW	MKT TYPE	LVW ETW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R	LOADED VEHICLE WEIGHT: TARGET (LINE 1 IS 20 DEG)	COLD CO ELECTRIC DYNO COEFFICIENTS: A	B	C	A (LINE 2 IS 50 DEG WHEN NEEDED)	B	C	ADJUSTED LOADED VEHICLE WGT: ALVW ETW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R
BR8L34	EWA	DDX	4W Y	11000	C	7000	STD	99	TV1	TZH		13.66	20.8	65	40	91.18			0.06393				9000	16.65	24.3	70	60
																82.89			0.05812								
							OPT	99	TV2	TZH		13.53	20.4	65	40	96.29			0.06284					16.23	22.6	70	60
																87.53			0.05713								
BR8L34	EWA	DGP	4W Y	11000	C	7000	STD	99	TV1	TZH		13.06	20.8	65	40	103.10			0.06393				9000	15.91	24.2	70	60
																93.73			0.05812								
							OPT	99	TV2	TZH		12.95	20.4	65	40	108.13			0.06284					15.53	22.6	70	60
																98.30			0.05713								
BR3L63	EWA	DDX	RW Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	45	40								9500	0.00	48.0	55	60
							OPT	99	TV2	TZH		0.00	48.0	45	40									0.00	48.0	55	60
							OPT	99	TXB	TZH		0.00	48.0	45	40									0.00	48.0	55	60
BR3L63	EWA	DGP	RW Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	45	40								9500	0.00	48.0	55	60
							OPT	99	TV2	TZH		0.00	48.0	45	40									0.00	48.0	55	60
							OPT	99	TXB	TZH		0.00	48.0	45	40									0.00	48.0	55	60
BR3L64	EWA	DDX	RW Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	45	40								9500	0.00	48.0	55	60
							OPT	99	TV2	TZH		0.00	48.0	45	40									0.00	48.0	55	60
							OPT	99	TXB	TZH		0.00	48.0	45	40									0.00	48.0	55	60
BR3L64	EWA	DGP	RW Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	45	40								9500	0.00	48.0	55	60
							OPT	99	TV2	TZH		0.00	48.0	45	40									0.00	48.0	55	60
							OPT	99	TXB	TZH		0.00	48.0	45	40									0.00	48.0	55	60
BR8L63	EWA	DDX	4W Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	65	40								9500	0.00	48.0	70	60
							OPT	99	TV2	TZH		0.00	48.0	65	40									0.00	48.0	70	60
							OPT	99	TXB	TZH		0.00	48.0	65	40									0.00	48.0	70	60
BR8L63	EWA	DGP	4W Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	65	40								9500	0.00	48.0	70	60
							OPT	99	TV2	TZH		0.00	48.0	65	40									0.00	48.0	70	60
							OPT	99	TXB	TZH		0.00	48.0	65	40									0.00	48.0	70	60
BR8L64	EWA	DDX	4W Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	65	40								9500	0.00	48.0	70	60
							OPT	99	TV2	TZH		0.00	48.0	65	40									0.00	48.0	70	60
							OPT	99	TXB	TZH		0.00	48.0	65	40									0.00	48.0	70	60
BR8L64	EWA	DGP	4W Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	65	40								9500	0.00	48.0	70	60
							OPT	99	TV2	TZH		0.00	48.0	65	40									0.00	48.0	70	60
							OPT	99	TXB	TZH		0.00	48.0	65	40									0.00	48.0	70	60

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TM02 - 400 /

Report Date: 04/02/98
Time: 14:03:17

REPORT DATE 04-30-98

1999
XCRXA0488K11

Chrysler Corporation
FAMILY TIRE DESCRIPTION

TIRE DESCRIPTION YR	COD	MPG	OPT	NAME		SIZE	RPM	CONSTRUCTION COD	TREAD MATERIAL	PLY	SW	SIDEWALL MATERIAL	PLY	OVERLAY MATERIAL	PLY	TREAD DEPTH (IN.) X 1/32
99	TV1	TZH		LTX	(A/S)	LT215/85R16-E	682	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	13
99	TV2	TZH		LTX	(M/S)	LT215/85R16-E	683	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	17
99	TXB	TZH		XPS	(RIB)	LT215/85R16-E	687	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	15

Report Date: 04/02/98
Time: 14:03:17