

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:

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

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

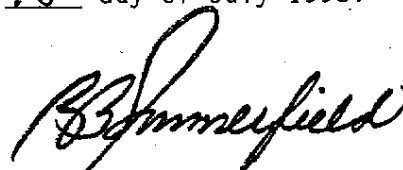
BE IT FURTHER RESOLVED: That the listed automatic transmission vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 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

1999 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

E.O. # A-9-434
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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): \$2H02S, H02S(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	S E E A T T A C H M E N T	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: XCRXA048K11
Evaporative Fam: XCRXE0174G5H

Certificate #:

Model ID
8E8L34

Car Line
Ram 3500 Pickup 4WD

California
Sales
YES

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 Certificate #:
 Evaporative Fam: XCRXE0174G6H

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

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

Chrysler Corporation
Family Tire Usage

1999
XCR1A0488X11

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	MKT	LVM	TIME DESCRIPTION	COAST	DOWN	TIME	HP	P	R	COLD CO ELECTRIC DYNO COEFFICIENTS					ALVN	DOWN	TIME	HP	P	R	TIRE	
													TARGET A	B	C	SET A	B								C
BR8L34	EMA	DDX	4W	Y	11000	C	7000	STD	99	TV1	TZH		13.66	20.8	65	40	91.18	0.06393	0.05812	16.65	24.3	70	60		
								OPT	99	TV2	TZH		13.53	20.4	65	40	82.89	0.06284	0.05713	16.23	22.6	70	60		
BR8L34	EMA	DGP	4W	Y	11000	C	7000	STD	99	TV1	TZH		13.06	20.8	65	40	103.10	0.06393	0.05812	15.91	24.2	70	60		
								OPT	99	TV2	TZH		12.95	20.4	65	40	93.73	0.06284	0.05713	15.53	22.6	70	60		
BR3L63	EMA	DDX	4W	Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	45	40	98.30	0.06393	0.05812	0.00	48.0	55	60		
								OPT	99	TV2	TZH		0.00	48.0	45	40	98.30	0.06284	0.05713	0.00	48.0	55	60		
BR3L63	EMA	DGP	4W	Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	45	40	98.30	0.06393	0.05812	0.00	48.0	55	60		
								OPT	99	TV2	TZH		0.00	48.0	45	40	98.30	0.06284	0.05713	0.00	48.0	55	60		
BR3L64	EMA	DDX	4W	Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	45	40	98.30	0.06393	0.05812	0.00	48.0	55	60		
								OPT	99	TV2	TZH		0.00	48.0	45	40	98.30	0.06284	0.05713	0.00	48.0	55	60		
BR3L64	EMA	DGP	4W	Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	45	40	98.30	0.06393	0.05812	0.00	48.0	55	60		
								OPT	99	TV2	TZH		0.00	48.0	45	40	98.30	0.06284	0.05713	0.00	48.0	55	60		
BR8L63	EMA	DDX	4W	Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	45	40	98.30	0.06393	0.05812	0.00	48.0	55	60		
								OPT	99	TV2	TZH		0.00	48.0	45	40	98.30	0.06284	0.05713	0.00	48.0	55	60		
BR8L63	EMA	DGP	4W	Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	45	40	98.30	0.06393	0.05812	0.00	48.0	55	60		
								OPT	99	TV2	TZH		0.00	48.0	45	40	98.30	0.06284	0.05713	0.00	48.0	55	60		
BR8L64	EMA	DDX	4W	Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	45	40	98.30	0.06393	0.05812	0.00	48.0	55	60		
								OPT	99	TV2	TZH		0.00	48.0	45	40	98.30	0.06284	0.05713	0.00	48.0	55	60		
BR8L64	EMA	DGP	4W	Y	11000	C	8000	STD	99	TV1	TZH		0.00	48.0	45	40	98.30	0.06393	0.05812	0.00	48.0	55	60		
								OPT	99	TV2	TZH		0.00	48.0	45	40	98.30	0.06284	0.05713	0.00	48.0	55	60		

FOR DYNO HP = 0.00
Ref TO FRONTAL AREA

/ 10. - TM02 - 400 /

Report Date: 04/02/98
Time: 14:01:17

Chrysler Corporation
FAMILY TIRE DESCRIPTION

1999
XCRIA0498K11

TIRE DESCRIPTION				CONSTRUCTION				P				P (IN.)				TREAD	
YR	COD	MPG	OPT	NAME	SIZE	RPM	COD	TREAD	MATERIAL	L	Y	SW	SIDEWALL	MATERIAL	L	X	DEPTH
</																	