

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-399  
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 1998 model-year Chrysler Corporation exhaust emission control systems are certified as described below for medium-duty vehicles:

Emission Standard Category: Low-Emission Vehicle (LEV)

Fuel Type: Gasoline

Engine Family: WCRXA0360J31 Displacement: 5.9 Liters (360 Cubic Inches)

Exhaust Emission Control Systems and 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 non-methane organic gas (NMOG), carbon monoxide (CO), oxides of nitrogen (NOx), and formaldehyde (HCHO) LEV certification exhaust emission standards for this engine family in grams per mile are:

<u>Test Weight</u> <u>(lbs.)</u>	<u>Miles</u>	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>	<u>HCHO</u>	<u>CO (20°F)</u>
5751-8500	50,000	0.195	5.0	0.6	0.022	12.5
	120,000	0.280	7.3	0.9	0.032	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.94

The certification exhaust emission values set forth for NMOG reflect application of a 0.94 RAF for 1998 model-year LEVs. The LEV certification exhaust emission values for this engine family in grams per mile are:

<u>Test Weight</u> <u>(lbs.)</u>	<u>Miles</u>	<u>NMOG</u>	<u>CO</u>	<u>NOx</u>	<u>HCHO</u>	<u>CO (20°F)</u>
5751-8500	50,000	0.177	4.6	0.5	0.001	11.6
	120,000	0.225	6.2	0.7	0.002	n/a

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 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 "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 and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the vehicle manufacturer has demonstrated compliance with the exhaust emission standards at 50 degrees Fahrenheit as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

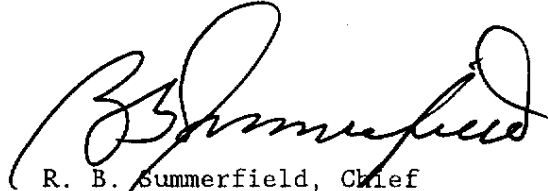
BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "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 3<sup>rd</sup> day of July 1997.



R. B. Summerfield, Chief  
Mobile Source Operations Division

1998 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

WCRXE0174G3H, WCRXE0174G4H  
Evap Fam: WCRXE0174G5H  
WCRXE0174G6H

Manufacturer: Chrysler Corporation Exh Eng Fam: WCRXA0360J31

All Eng Codes in Eng Fam: CA X 49S \_\_\_\_\_ 50S \_\_\_\_\_ AB965 \_\_\_\_\_ ORVR: YES \_\_\_\_\_ NO X

Exh Std: CA Tier-1 \_\_\_\_\_ TLEV \_\_\_\_\_ LEV X ULEV \_\_\_\_\_ SULEV \_\_\_\_\_; US EPA Tier-1 \_\_\_\_\_

Veh Class(es): PC \_\_\_\_\_ LDT1 \_\_\_\_\_ LDT2 \_\_\_\_\_ MDV1 \_\_\_\_\_ MDV2 \_\_\_\_\_ MDV3 X MDV4 X MDV5 \_\_\_\_\_

Single Cert Std for Multi-Class Eng Fam: MDV3 (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 \_\_\_\_\_ Std \_\_\_\_\_ Equiv X R/L Test Proce: SHED \_\_\_\_\_ Pt Source X

Engine Configuration: V-8 Displacement: 5.9 Liters 360 Cubic Inches

Valves per Cylinder: 2 Rated HP: 235 @ 4000 RPM

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

Exhaust ECS (eg., EGR, MFI, TC, CAC): 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	AB1X12	A4	6000	S C E  A T T A C H M E N T	56046317AC	--	52103531AA
(CA)	AB2L12		6500				
	AB2L13						
	AB2L52						
	AB2X12						
	AB3L12		7000				
	AB3L13						
	AB3L35						
	AB3X12						
	AB3X13						
	AB3L53		7500				

\* Reflects ALVW weights

Date Issued: 07/01/97

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

1998 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

E.O. # A-9-399  
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Manufacturer: Chrysler Corporation Exh Eng Fam: WCRXA0360J31 Evap Fam: WCRXE0174G5H  
WCRXE0174G3H, WCRXE0174G4H  
WCRXE0174G6H

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-200  (CA)	BE1L34	A4	6000	S E E  A T T A C H M E N T	56046345AB	--	52103224AA
	BE2L31		7000				
	BE2L32						
	BE2L33						
	BE2L34						
	BR2L62						
CA-300  (CA)	BR2L65	A4	8000	S E E  A T T A C H M E N T	56046345AB	--	52103224AA
	BR3L62						
	BE3L34		8500				
	BR3L63						
	BR3L64		9000				
	BE6L31		6000				
	BE6L32						
	BE6L33						
	BE6L34						
	BE7L31		7000				
	BE7L33						
	BR7L62						
BE7L32	7500						
BE7L34							
BR7L65	8000						
BR8L64							
RE8L34	8500						
BR8L63	9000						
BR8L64							

\* Reflects ALW weights

Evaporative Families

WCRXE0174G3H: CA-300  
WCRXE0174G4H: CA-100, CA-200, CA-300  
WCRXE0174G5H: CA-100, CA-200  
WCRXE0174G6H: CA-200, CA-300

Date Issued: 07/01/97

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

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	MKT	LW	TIRE DESCRIPTION	COAST	TIRE		TARGET A	B	C	COLD CO ELECTRIC DYNO COEFFICIENTS			ALVH	COAST	TIRE	
								DOMN	*DYNO				HP	F	R			SET A	B
AB1X12	EHL	DGT	RM	Y	7000	C	5000	13.82	16.1	35	35	13.82	16.1	35	35	13.82	16.1	35	35
							OPT 98 TSD TZA	13.23	16.8	35	35								
							OPT 98 TSD TZH	13.82	16.1	35	35								
							OPT 98 TSD TZA	13.23	16.8	35	35								
							OPT 98 TSD TZH	13.82	16.1	35	35								
							OPT 98 TSD TZA	12.31	16.4	35	35								
							OPT 98 TSD TZH	12.61	17.8	40	40								
							OPT 98 TSD TZA	12.61	17.8	40	40								
							OPT 98 TSD TZH	12.61	17.8	40	40								
							OPT 98 TSD TZA	13.07	17.1	40	40								
							OPT 98 TSD TZH	13.07	17.1	40	40								
							OPT 98 TSD TZA	13.07	17.1	40	40								
							OPT 98 TSD TZH	13.07	17.1	40	40								
							OPT 98 TSD TZA	13.44	17.3	40	45								
							OPT 98 TSD TZH	13.44	17.3	40	45								
							OPT 98 TSD TZA	13.44	17.3	40	45								
							OPT 98 TSD TZH	13.44	17.3	40	45								
							OPT 98 TSD TZA	12.61	17.8	40	40								
							OPT 98 TSD TZH	12.61	17.8	40	40								
							OPT 98 TSD TZA	12.61	17.8	40	40								
							OPT 98 TSD TZH	12.61	17.8	40	40								
							OPT 98 TSD TZA	13.07	17.1	40	40								
							OPT 98 TSD TZH	13.07	17.1	40	40								
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							OPT 98 TSD TZA	13.07	17.1	40	40								
							OPT 98 TSD TZH	13.07	17.1	40	40								

Attachment to SDS Pg. 2 of 9  
of Executive Order # A-9-399

Chrysler Corporation  
Family Tire Usage

1998  
WCRKA0360J31

LOADED VEHICLE WEIGHT										ADJUSTED LOADED VEHICLE WGT														
MODEL	ENG TRAKS	A	MKT	LVW	TIRE DESCRIPTION	USE YR	COD	MFG	OPT	COAST	TIRE			COLD CO ELECTRIC DYNO COEFFICIENTS			ALWM	ETW	TIME	TIRE	DYNO PRES	HP	F	R
											DOWN	HP	F	PRE	TARGET A	B								
(LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)																								
AB3K13	EML	0GT	RM	Y	9200	C	5500	STD	98	TYI	TZH	13.44	17.3	40	40	16.44	15.4	55	80	7000	16.44	15.4	55	80
								OPT	98	TMF	TZH	13.44	17.3	40	45	16.44	15.4	55	80		16.44	15.4	50	65
BE1L34	EML	DGT	RM	Y	6400	C	5500	STD	98	TMZ	TZH	13.44	17.3	40	40	16.44	15.4	50	65	6000	16.44	15.4	50	65
								OPT	98	TRY	TZA	15.67	14.3	35	35	17.05	14.1	35	35		17.05	14.1	35	35
								OPT	98	TYF	TZA	16.14	14.3	35	35	17.74	14.2	35	35		17.74	14.2	35	35
								OPT	98	TYG	TZA	16.14	14.3	35	35	17.74	14.2	35	35		17.74	14.2	35	35
								OPT	98	TYL	TZA	15.63	14.6	35	35	16.83	14.9	35	35		16.83	14.9	35	35
BE2L31	EML	0GT	RM	Y	8800	C	5250	STD	98	TYV	TZH	16.57	14.1	35	35	17.28	14.9	35	35	7000	17.28	14.9	35	35
								OPT	98	TYH	TZA	13.57	16.2	40	40	16.54	14.5	40	40		16.54	14.5	40	40
								OPT	98	TYN	TZA	13.85	15.5	40	40	16.54	14.5	40	40		16.54	14.5	40	40
								OPT	98	TYO	TZA	13.85	15.5	40	40	17.19	13.0	40	55		17.19	13.0	40	55
BE2L32	EML	DGT	RM	Y	8800	C	5500	STD	98	TYP	TZA	13.87	16.3	40	40	16.54	14.5	40	40	7000	16.54	14.5	40	40
								OPT	98	TYH	TZA	14.21	15.5	40	40	17.19	13.0	40	55		17.19	13.0	40	55
								OPT	98	TYN	TZA	13.87	16.3	40	40	16.54	14.5	40	40		16.54	14.5	40	40
								OPT	98	TYO	TZA	14.21	15.5	40	40	17.19	13.0	40	55		17.19	13.0	40	55
BE2L33	EML	0GT	RM	Y	8800	C	5500	STD	98	TYD	TZA	13.87	16.3	40	40	16.54	14.5	40	40	7000	16.54	14.5	40	40
								OPT	98	TYH	TZA	14.21	15.5	40	40	17.19	13.0	40	55		17.19	13.0	40	55
								OPT	98	TYN	TZA	13.87	16.3	40	40	16.54	14.5	40	40		16.54	14.5	40	40
								OPT	98	TYO	TZA	14.21	15.5	40	40	17.19	13.0	40	55		17.19	13.0	40	55
BE2L34	EML	DGT	RM	Y	8800	C	6000	STD	98	TYP	TZA	13.87	16.3	40	40	16.54	14.5	40	40	7000	16.54	14.5	40	40
								OPT	98	TYH	TZA	14.21	15.5	40	40	17.19	13.0	40	55		17.19	13.0	40	55
								OPT	98	TYN	TZA	13.87	16.3	40	40	16.54	14.5	40	40		16.54	14.5	40	40
								OPT	98	TYO	TZA	14.21	15.5	40	40	17.19	13.0	40	55		17.19	13.0	40	55
BE3L34	EML	0GT	RM	Y	10500	C	6500	STD	98	TYT	TZA	13.55	18.0	45	40	16.54	14.5	40	40	8500	16.54	14.5	40	40
								OPT	98	TYV	TZA	14.69	16.7	40	40	17.19	13.0	40	55		17.19	13.0	40	55
								OPT	98	TYW	TZA	15.11	15.8	40	40	16.54	14.5	40	40		16.54	14.5	40	40
								OPT	98	TYX	TZA	14.69	16.7	40	40	17.19	13.0	40	55		17.19	13.0	40	55
BE6L31	EML	0GT	4M	Y	6600	C	5500	STD	98	TY2	TZA	13.59	19.7	45	40	16.54	14.5	40	40	6000	16.54	14.5	40	40
								OPT	98	TY1	TZA	14.82	15.7	35	35	17.60	16.2	45	45		17.60	16.2	45	45
								OPT	98	TYW	TZA	13.95	15.9	35	35	15.78	16.2	45	45		15.78	16.2	45	45
								OPT	98	TYL	TZA	14.19	15.9	35	35	14.81	17.0	45	45		14.81	17.0	45	45
								OPT	98	TYV	TZH	14.59	15.9	35	35	17.28	14.9	45	45		17.28	14.9	45	45
BE6L32	EML	DGT	4M	Y	6600	C	6000	STD	98	TYF	TZA	15.92	15.8	35	35	15.78	16.2	45	45	6000	15.78	16.2	45	45
								OPT	98	TYW	TZA	14.98	16.0	35	35	14.55	16.8	40	40		14.55	16.8	40	40
								OPT	98	TYL	TZA	15.24	16.0	35	35	14.81	17.0	45	45		14.81	17.0	45	45
								OPT	98	TYM	TZA	15.24	16.0	35	35	17.28	14.9	45	45		17.28	14.9	45	45
BE6L33	EML	0GT	4M	Y	6600	C	6000	STD	98	TYF	TZA	15.92	15.8	35	35	15.78	16.2	45	45	6000	15.78	16.2	45	45
								OPT	98	TYW	TZA	14.98	16.0	35	35	14.55	16.8	40	40		14.55	16.8	40	40
								OPT	98	TYL	TZA	15.24	16.0	35	35	14.81	17.0	45	45		14.81	17.0	45	45
								OPT	98	TYM	TZA	15.24	16.0	35	35	17.28	14.9	45	45		17.28	14.9	45	45
BE6L34	EML	DGT	4M	Y	6600	C	6000	STD	98	TYV	TZA	15.92	15.8	35	35	15.78	16.2	45	45	6000	15.78	16.2	45	45
								OPT	98	TYW	TZA	14.98	16.0	35	35	14.55	16.8	40	40		14.55	16.8	40	40
								OPT	98	TYL	TZA	15.24	16.0	35	35	14.81	17.0	45	45		14.81	17.0	45	45
								OPT	98	TYM	TZA	15.24	16.0	35	35	17.28	14.9	45	45		17.28	14.9	45	45

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

/ 10. - TH09 - 401 /

Report Date: 06/27/97  
Time: 10:55:52

1998  
MCRXA0360J31

Chrysler Corporation  
Family Tire Usage

Attachment to SDS Pg. 3 of 9  
of Executive Order # A-9-399

LOADED VEHICLE WEIGHT										ADJUSTED LOADED VEHICLE WGT																						
MODEL	ENG	TRANS	A	MKT	LVM	TIRE DESCRIPTION	USE	YR	COD	MFG	OPT	TIME	COAST	*DYNO	HP	F	R	TIRE	PRES	TARGET A	B	C	SET A	B	C	ALVN	DOMN	COAST	*DYNO	HP	F	R
										COLD CO ELECTRIC DYNO COEFFICIENTS																						
										(LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)																						
BE7L31	EHL	DGT	4W	Y	8800	C	5500						14.98	16.0	16.0	35	35	40	40	14.55	16.8	16.8	40	40	40	7000		14.81	17.0	17.0	45	45
													15.24	16.0	16.0	35	35	40	40	14.81	17.0	17.0	45	45	45			17.28	16.9	16.9	45	45
													12.60	18.8	18.8	40	40	40	40	16.07	14.8	14.8	40	40	40	7000		14.90	16.9	16.9	40	40
													13.49	16.8	16.8	40	40	40	40	16.07	16.9	16.9	40	40	40			14.90	16.9	16.9	40	40
													13.49	16.8	16.8	40	40	40	40	16.07	14.8	14.8	40	40	40			16.07	14.8	14.8	40	40
													13.48	19.2	19.2	40	40	40	40	15.85	17.6	17.6	40	40	40			17.09	15.6	15.6	40	40
													14.42	17.2	17.2	40	40	40	40	17.09	15.6	15.6	40	40	40			15.85	17.6	17.6	40	40
													13.48	19.2	19.2	40	40	40	40	17.09	15.6	15.6	40	40	40			14.90	16.9	16.9	40	40
													14.42	17.2	17.2	40	40	40	40	14.90	16.9	16.9	40	40	40			16.07	14.8	14.8	40	40
													14.42	17.2	17.2	40	40	40	40	16.07	14.8	14.8	40	40	40			14.90	16.9	16.9	40	40
													13.48	19.2	19.2	40	40	40	40	16.07	14.8	14.8	40	40	40			16.07	14.8	14.8	40	40
													13.48	19.2	19.2	40	40	40	40	16.07	14.8	14.8	40	40	40			14.90	16.9	16.9	40	40
													14.42	17.2	17.2	40	40	40	40	16.07	14.8	14.8	40	40	40			16.07	14.8	14.8	40	40
													13.48	19.2	19.2	40	40	40	40	16.07	14.8	14.8	40	40	40			14.90	16.9	16.9	40	40
													14.42	17.2	17.2	40	40	40	40	16.07	14.8	14.8	40	40	40			16.07	14.8	14.8	40	40
													0.00	35.0	35.0	40	40	40	40	0.00	35.0	35.0	40	40	40			0.00	35.0	35.0	40	40
													0.00	35.0	35.0	40	40	40	40	0.00	35.0	35.0	40	40	40			0.00	35.0	35.0	40	40
													0.00	35.0	35.0	40	40	40	40	0.00	35.0	35.0	40	40	40			0.00	35.0	35.0	40	40
													12.88	21.4	21.4	65	65	65	65	14.98	30.6	30.6	65	65	65			15.44	30.1	30.1	65	65
													13.57	16.2	16.2	40	40	40	40	15.44	30.1	30.1	65	65	65			16.54	14.5	14.5	40	40
													13.85	15.5	15.5	40	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													13.57	16.2	16.2	40	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													13.85	15.5	15.5	40	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	35.0	35.0	40	40	40	40	0.00	35.0	35.0	40	40	40			0.00	35.0	35.0	40	40
													0.00	35.0	35.0	40	40	40	40	0.00	35.0	35.0	40	40	40			0.00	35.0	35.0	40	40
													0.00	35.0	35.0	40	40	40	40	0.00	35.0	35.0	40	40	40			0.00	35.0	35.0	40	40
													12.88	18.3	18.3	45	40	40	40	14.98	30.6	30.6	65	65	65			15.44	30.1	30.1	65	65
													12.90	19.9	19.9	45	40	40	40	15.44	30.1	30.1	65	65	65			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40	17.19	13.0	13.0	40	40	40			16.54	14.5	14.5	40	40
													0.00	43.0	43.0	50	40	40	40													



Attachment to SDS Pg. 4 of 9  
of Executive Order # A-9-399

Chrysler Corporation  
Family Fire Usage

1998  
HCRXA0360J31

LOADED VEHICLE WEIGHT										ADJUSTED LOADED VEHICLE WGT										
MODEL	ENG	TRANS	A	MKT	LWM	TIRE	DESCRIPTION	COAST	TIRE	COAST	DOWN	*DYNO	TIRE	COAST	DOWN	*DYNO	TIRE	COAST	DOWN	*DYNO
			C	TYPE	ETM	USE	YR	COO	MFG	OPT	TIME	HP	F	R	TIME	HP	F	R	TIME	HP
						OPT 98	TYN	TZA			0.00	35.0	40	40	0.00	35.0	45	55	0.00	35.0
						OPT 98	TYP	TZA			0.00	35.0	40	40	0.00	35.0	45	55	0.00	35.0
BR8L62	ENL	DGT	4W	Y	10500	C	6000				11.25	20.7	65	40	8000	14.23	30.8	65	40	9000
						OPT 98	TV1	TZA			11.49	21.3	65	40		14.66	30.2	65	40	
BR8L63	ENL	DGT	4W	Y	11000	C	8000				0.00	43.0	60	40	9000	0.00	43.0	60	40	9000
						OPT 98	TV1	TZA			0.00	43.0	60	40		0.00	43.0	60	40	
						OPT 98	TV1	TZA			0.00	43.0	60	40		0.00	43.0	60	40	
BR8L64	ENL	DGT	4W	Y	11000	C	8000				0.00	43.0	60	40	9000	0.00	43.0	60	40	9000
						OPT 98	TV2	TZA			0.00	43.0	60	40		0.00	43.0	60	40	
						OPT 98	TV1	TZA			0.00	43.0	60	40		0.00	43.0	60	40	
						OPT 98	TV1	TZH			0.00	43.0	60	40		0.00	43.0	60	40	

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

/ 10. - TH09 - 403 /

Report Date: 06/27/97  
Time: 10:55:52

Attachment to SDS Pg. 5 of 9  
of Executive Order # A-9-399

Chrysler Corporation  
FAMILY TIRE DESCRIPTION

1998  
WERYA0360J31

TIRE DESCRIPTION VR COD MFG OPT NAME	SIZE	RPH	CONSTRUCTION	P L Y SM	SIDEWALL MATERIAL	P L Y MATERIAL	TREAD DEPTH	
							P (MM.)	L X Y 1/32
98 TRV TZA	(A/S) P225/75R16-XL	711	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 11
98 TSC TZH	(A/S) P235/75R15-XL	720	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 10
98 TSD TZA	(A/S) P235/75R15-XL	724	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	Nylon	1 10
98 TSD TZH	(A/S) P235/75R15-XL	720	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 10
98 TSF TZA	(A/S) P235/75R15-XL	726	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 10
98 TV1 TZA	(A/S) LT215/BSR16-E	684	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 14
98 TV2 TZA	(A/T) LT215/BSR16-E	681	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 16
98 TV9 TZA	(A/S) LT235/75R15-D	716	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 13
98 TVT TZH	(A/S) LT225/75R16-E	710	SBR 3-Steel/2-Polyester	5	BSW Polyester	2	None	0 13
98 TWY TZH	(A/S) LT225/75R16-D	709	SBR 3-Steel/2-Polyester	5	BSW Polyester	2	None	0 13
98 TWZ TZH	(A/S) LT225/75R16-D	709	SBR 3-Steel/2-Polyester	5	BSW Polyester	2	None	0 13
98 TXB TZH	(A/S) LT215/BSR16-E	682	SBR 3-Steel/1-Steel	4	BSW Steel	1	None	0 14
98 TXU TZA	(A/T) P265/75R16	660	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 15
98 TYD TZA	(A/S) LT245/75R16-E	683	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 14
98 TYF TZA	(A/S) P245/75R16	687	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 12
98 TYW TZA	(A/T) P245/75R16	687	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 12
98 TYL TZA	(A/T) LT245/75R16-E	679	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 16
98 TYK TZA	(A/T) LT245/75R16-C	679	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 16
98 TYN TZA	(A/S) LT245/75R16-E	683	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 16
98 TYP TZA	(A/T) LT245/75R16-E	679	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 16
98 TYT TZH	(A/S) LT245/75R16-E	679	SBR 3-Steel/2-Polyester	5	BSW Polyester	2	None	0 14
98 TYV TZH	(A/S) P245/75R16	691	SBR 2-Steel/2-Polyester	4	BSW Polyester	2	None	0 10

Report Date: 06/27/97  
Time: 10:55:52

/ 10. - TH09 - 404 /

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: WCRXA0360J31  
Evaporative Fam: WCRXE0174G3H

Certificate #:

Attachment to the SDS Pg 6 of 9  
for Executive Order A-9-399

Model ID	Car Line	California
BE6L31	Ram 1500 Pickup 4WD	YES
BE6L33	Ram 1500 Pickup 4WD	YES

Model Codes

BE B 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

Attachment to the SDS Pg 7 of 9  
 Certificate #: for Executive Order A-9-399

Vehicle MFR: CHRYSLER  
 Engine Family: WCRXA0360J31  
 Evaporative Fam: WCRXE0174G4H

Model ID	Car Line	California Sales
BE1L34	Ram 1500 Pickup 2WD	YES
BE6L32	Ram 1500 Pickup 4WD	YES
BE6L34	Ram 1500 Pickup 4WD	YES
AB1X12	Ram Van 1500 2WD	YES
AB2L12	Ram Van 2500 2WD	YES
AB2L13	Ram Van 2500 2WD	YES
AB2X12	Ram Van 2500 2WD	YES
AB2L52	Ram Wagon 2500 2WD	YES

Model Codes  
 AB 1 L 11  
 --- 1st digit: 2nd digit:  
 1=Van 1=109.6" wb  
 5=Wagon 2=127.6" wb  
 3=127.6" maxi wb  
 --- Price Class  
 L=Low Line  
 X=Premium  
 --- Model:  
 1=B1500  
 2=B2500  
 3=B3500  
 --- Body Code:  
 Vans  
 Wagons

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

Attachment to the SDS Pg 9 of 9  
 Certificate #: for Executive Order A-9-399

Vehicle MFR: CHRYSLER

Engine Family: WCRXA0360J31  
 Evaporative Fam: WCRXE0174G6H

Model ID	Car Line	California Sales
BR7L65	Ram 2500 Cab Chassis 4WD HDV	YES
BR2L65	Ram 2500 Pickup HDV 2WD	YES
BR3L63	Ram 3500 CAB CHASSIS 2WD HDV	YES
BR3L64	Ram 3500 CAB CHASSIS 2WD HDV	YES
BR8L64	Ram 3500 CAB CHASSIS 4WD HDV	YES
BR8L63	Ram 3500 Cab Chassis 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

1998 MODEL YEAR AIR RESOURCES BOARD CERTIFICATION REVIEW SHEET  
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

E.O. # A-9-399

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7.980

WCRXE0174G3H, WCRXE0174G4H  
Evap Fam: WCRXE0174G5H  
WCRXE0174G6H

Manufacturer: Chrysler Corporation Exh Eng Fam: WCRXA0360J31

All Eng Codes in Eng Fam: CA X 49S      50S      AB965      ORVR: YES      NO X  
Exh Std: CA Tier-1      TLEV      LEV X ULEV      SULEV     ; US EPA Tier-1       
Veh Class(es): PC      LDT1      LDT2      MDV1      MDV2      MDV3 X MDV4 X MDV5       
Single Cert Std for Multi-Class Eng Fam: MDV3 (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      Std      Equiv X R/L Test Proce: SHED      Pt Source X  
Engine Configuration: V-8 Displacement: 5.9 Liters 360 Cubic Inches

Valves per Cylinder: 2 Rated HP: 235 @ 4000 RPM  
Engine: Front X Mid      Rear      Drive: FWD      RWD X 4WD-FT      4WD-PT X

Exhaust ECS (eg., EGR, MFI, TC, CAC): HO2S(2), TWC, SFI, OBD II  
(use abbreviations per SAE J1930 JUN93)

	Sect/Page #		Sect/Page #
1 Authorized Representative	<u>01.02.-00</u>	22 Gen Std. Increase in Emiss.	
2 Fuel Specifications	<u>03.01.-20</u>	Safety, Meets all Reqmts.	<u>17.00.-05</u>
3 Test Equipment	<u>at Mfr.</u>	23 Driveability Statement	<u>17.00.-05</u>
4 Test Procedure	<u>at Mfr.</u>	24 Adjustable Parameters	<u>08.16.-10</u>
5 Mileage Accumulation Route	<u>at Mfr.</u>	25 Tamper Resistance Method(s)	<u>17.00.-05</u>
6 Emission Warranty Statement	<u>17.03.-05</u>	26 Fill Pipe Specifications	<u>17.02.-105</u>
7 Maint: Cert/Req'd/Recm'd	<u>06.01.-080</u>	27 High Altitude Compliance	<u>17.00.-15</u>
8 Emiss Label/Vac Hose Diag	<u>07.00.-80</u>	28 OBD Sys incl Marked Revisions	<u>08.20.-00</u>
9 Evap Control System	<u>09.-T.-000</u>	29 I&M Test Procedure & Data	<u>@ Mfr &amp; 16.02.-50</u>
(incl. ORVR if applic.)		30 50 Degree F Compliance	<u>17.00.-20</u>
10 Engine Parameters	<u>10.-TH09-001</u>	31 Manufacturer's RAF	<u>N/A</u>
11 Fuel System	<u>at Mfr.</u>	32 Phase-In Plans: ORVR Cert Std.	<u>17.05.-10</u>
12 Ignition System	<u>at Mfr.</u>	Full Range Misfire Monitoring	<u>17.05.-25</u>
13 Exhaust Control System	<u>10.-TH09-001</u>	LEV CAT Monitoring--1.5 X Std	<u>17.05.-15</u>
14 Proj Sales (LDT/MDV Split)	<u>10.-TH09-215.00</u>	.020" Orifice-Based on Leak Chk.	<u>N/A</u>
15 Vehicle Description	<u>10.-TH09-300</u>	MDV VEC Calculation	<u>17.05.-20</u>
16 Evap Bench Test Procedure	<u>at Mfr.</u>	33 NMOG Fleet Average Calculation	<u>17.05.-05</u>
17 R/L Temp & Press Profiles	<u>17.08.-05</u>	34 AB965 Credits/Withdrawals	<u>N/A</u>
18 EDV Selection	<u>10.-TH09-990</u>	35 EPA Certificate	<u>    </u>
19 Prod Veh Same as Test Veh.	<u>17.00.-05</u>	36 Equiv NMOG Proc--ARB Approval	<u>17.00.-15</u>
20 Emission Label Durability	<u>17.00.-05</u>		

	Durability		Emission		Emission	
	Data Vehicle		Data Vehicle		Data Vehicle	
21 Test Vehicle Information						
C/O or C/A MY & ID	<u>1997</u>	<u>D6R7-3897</u>	<u>1998</u>	<u>V7R2-3307</u>	<u>1998</u>	<u>D6B3-1215</u>
Vehicle Log Page(s)	<u>C/O 1997</u>		<u>12.-TH09-4-V7R2-3307-050</u>		<u>12.-TH09-2-D6B3-1215-050</u>	
Zero Mile Book Page(s)	<u>C/O 1997</u>		<u>12.-TH09-4-V7R2-3307-000</u>		<u>12.-TH09-2-D6B3-1215-000</u>	
Maint Logs & Engr Eval	<u>C/O 1997</u>		<u>12.-TH09-4-V7R2-3307-030</u>		<u>12.-TH09-2-D6B3-1215-030</u>	
Base Engine Family	<u>VCR360J8G3JL</u>					

Date Issued: 06/09/97

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

Continued on next page  
TH09-REV/98