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:

Test Weight (lbs.)	Miles	NMOG	CO	NOx	HCHO	CO (20°F)
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:

Test Weight (lbs.)	Miles	NMOG	CO	NOx	HCHO	CO (20°F)
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 3rd day of July 1997.

R. B. Summerfield, Chief
Mobile Source Operations Division

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

Manufacturer: Chrysler Corporation Exh Eng Fam: WCRXA0360J31 Evap Fam: WCRXE0174G3H, WCRXE0174G4H, WCRXE0174G5H, WCRXE0174G6H

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)

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	56046317AC	--	52103531AA
	AB2L12		6500	E			
(CA)	AB2L13						
	AB2L52			A			
	AB2X12			T			
	AB3L12		7000	A		--	
	AB3L13			C			
	AB3L35			H			
	AB3X12			M			
	AB3X13			E		--	
	AB3L53		7500	N			
				T			

* Reflects ALVW weights

Date Issued: 07/01/97
Revisions:
TH09-SDS/98

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

Manufacturer: Chrysler Corporation Exh Eng Fam: WCRXA0360J31 Evap Fam: WCRXE0174G3H, WCRXE0174G4H, WCRXE0174G5H, 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	BE1L34	A4	6000	SEE ATTACHMENT	56046345AB	--	52103224AA
(CA)	BE2L31 BE2L32 BE2L33 BE2L34 BR2L62		7000			--	
	BR2L65 BR3L62		8000				
	BE3L34		8500			--	
	BR3L63 BR3L64		9000				
CA-300	BE6L31 BE6L32		6000				
(CA)	BE6L33 BE6L34						
	BE7L31 BE7L33 BR7L62		7000				
	BE7L32		7500				
	BE7L34		8000				
	BR7L65 BR8L64		8500				
	BE8L34		9000				
	BR8L63 BR8L64						

* Reflects ALVW weights

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

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1998
WCRXA0360J31

Chrysler Corporation
Family Tire Usage

Attachment to SDS Pg. 1 of 9
of Executive Order # A-9-399

MODEL	ENG	TRANS	A C	GVW	MKT TYPE	LVW ETW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	LOADED VEHICLE WEIGHT COAST DOWN TIME	*DYNO HP	TIRE PRES F	R	COLD CO ELECTRIC DYNO COEFFICIENTS TARGET A (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)	B	C	SET A	B	C	ADJUSTED LOADED VEHICLE WGT ALVW ETW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	R
AB1X12	EML	DGT	RW Y	7000	C	5000	STD	98	TSC	TZH		13.82	16.1	35	35							6000	15.59	16.0	35	35
							OPT	98	TSD	TZA		13.23	16.8	35	35								15.10	16.6	35	35
							OPT	98	TSD	TZH		13.82	16.1	35	35								15.59	16.0	35	35
							OPT	98	TSF	TZA		13.23	16.8	35	35								15.10	16.6	35	35
							OPT	98	TW9	TZA		12.31	16.4	35	35								14.02	15.4	35	35
AB2L12	EML	DGT	RW Y	7700	C	5000	STD	98	TWZ	TZH		12.61	17.8	40	40							6000	14.60	15.8	50	65
							OPT	98	TWT	TZH		12.61	17.8	40	45								14.60	15.8	55	80
							OPT	98	TWY	TZH		12.61	17.8	40	40								14.60	15.8	50	65
							OPT	98	TYT	TZH		12.61	17.8	40	40								14.60	15.8	55	80
AB2L13	EML	DGT	RW Y	7700	C	5250	STD	98	TWZ	TZH		13.07	17.1	40	40							6500	15.57	15.5	50	65
							OPT	98	TWT	TZH		13.07	17.1	40	45								15.57	15.5	55	80
							OPT	98	TWY	TZH		13.07	17.1	40	40								15.57	15.5	50	65
							OPT	98	TYT	TZH		13.07	17.1	40	40	81.34		0.04554	51.73	-1.4498	0.05819		15.57	15.5	55	80
AB2L52	EML	DGT	RW Y	7700	C	5500	STD	98	TWZ	TZH		13.44	17.3	40	40	87.88		0.04554	58.25	-1.3092	0.05682	6500	15.57	15.5	50	65
							OPT	98	TWT	TZH		13.44	17.3	40	45								15.57	15.5	55	80
							OPT	98	TWY	TZH		13.44	17.3	40	40								15.57	15.5	50	65
							OPT	98	TYT	TZH		13.44	17.3	40	40								15.57	15.5	55	80
AB2X12	EML	DGT	RW Y	7700	C	5000	STD	98	TWZ	TZH		12.61	17.8	40	40							6000	14.60	15.8	50	65
							OPT	98	TWT	TZH		12.61	17.8	40	45								14.60	15.8	55	80
							OPT	98	TWY	TZH		12.61	17.8	40	40								14.60	15.8	50	65
							OPT	98	TYT	TZH		12.61	17.8	40	40								14.60	15.8	55	80
AB3L12	EML	DGT	RW Y	8700	C	5250	STD	98	TWT	TZH		13.07	17.1	40	45							7000	16.44	15.4	55	80
							OPT	98	TWY	TZH		13.07	17.1	40	40								16.44	15.4	50	65
							OPT	98	TWZ	TZH		13.07	17.1	40	40								16.44	15.4	50	65
							OPT	98	TYT	TZH		13.07	17.1	40	40								16.44	15.4	55	80
AB3L13	EML	DGT	RW Y	8700	C	5250	STD	98	TYT	TZH		13.07	17.1	40	40							7000	16.44	15.4	55	80
							OPT	98	TWT	TZH		13.07	17.1	40	45								16.44	15.4	55	80
							OPT	98	TWY	TZH		13.07	17.1	40	40								16.44	15.4	50	65
							OPT	98	TWZ	TZH		13.07	17.1	40	40								16.44	15.4	50	65
AB3L13	EML	DGT	RW Y	9200	C	5500	STD	98	TYT	TZH		13.44	17.3	40	40							7000	16.44	15.4	55	80
							OPT	98	TWT	TZH		13.44	17.3	40	45								16.44	15.4	55	80
							OPT	98	TWY	TZH		13.44	17.3	40	40								16.44	15.4	50	65
							OPT	98	TWZ	TZH		13.44	17.3	40	40								16.44	15.4	50	65
AB3L53	EML	DGT	RW Y	8700	C	6000	STD	98	TYT	TZH		13.98	16.7	40	40							7000	16.44	15.4	55	80
AB3L53	EML	DGT	RW Y	9200	C	6000	STD	98	TYT	TZH		13.98	16.7	40	40							7500	16.87	14.2	55	80
AB3X12	EML	DGT	RW Y	8700	C	5250	STD	98	TWT	TZH		13.07	17.1	40	45							7000	16.44	15.4	55	80
							OPT	98	TWY	TZH		13.07	17.1	40	40								16.44	15.4	50	65
							OPT	98	TWZ	TZH		13.07	17.1	40	40								16.44	15.4	50	65
							OPT	98	TYT	TZH		13.07	17.1	40	40								16.44	15.4	55	80
AB3X13	EML	DGT	RW Y	8700	C	5250	STD	98	TYT	TZH		13.07	17.1	40	40							7000	16.44	15.4	55	80
							OPT	98	TWT	TZH		13.07	17.1	40	45								16.44	15.4	55	80
							OPT	98	TWY	TZH		13.07	17.1	40	40								16.44	15.4	50	65
							OPT	98	TWZ	TZH		13.07	17.1	40	40								16.44	15.4	50	65

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TH09 - 400 /

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

1998
WCRXA036OJ31

Chrysler Corporation
Family Tire Usage

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

MODEL	ENG	TRANS	A C	GVW	WKT TYPE	LVW ETW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	LOADED VEHICLE WEIGHT COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R	COLD CO ELECTRIC DYNO COEFFICIENTS TARGET A	B	C	SET A	B	C	ADJUSTED LOADED VEHICLE WGT ALVW ETW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R
																(LINE 1 IS 20 DEG COEFFS,LINE 2 IS 50 DEG WHEN NEEDED)										
AB3X13	EML	DGT	RW	Y	9200	C	5500	STD	98	TYT	TZH	13.44	17.3	40	40							7000	16.44	15.4	55	80
								OPT	98	TWT	TZH	13.44	17.3	40	45								16.44	15.4	55	80
								OPT	98	TWY	TZH	13.44	17.3	40	40								16.44	15.4	50	65
								OPT	98	TWZ	TZH	13.44	17.3	40	40								16.44	15.4	50	65
BE1L34	EML	DGT	RW	Y	6400	C	5500	STD	98	TRY	TZA	15.67	14.3	35	35							6000	17.05	14.1	35	35
								OPT	98	TYF	TZA	16,14	14.3	35	35								17.74	14.2	35	35
								OPT	98	TYG	TZA	16.14	14.3	35	35								17.74	14.2	35	35
								OPT	98	TYL	TZA	15.63	14.6	35	35								16.83	14.9	35	35
								OPT	98	TYV	TZH	16.57	14.1	35	35								17.28	14.9	35	35
BE2L31	EML	DGT	RW	Y	8800	C	5250	STD	98	TYD	TZA	13.57	16.2	40	40							7000	16.54	14.5	40	40
								OPT	98	TYH	TZA	13.85	15.5	40	40								17.19	13.0	40	55
								OPT	98	TYN	TZA	13.57	16.2	40	40								16.54	14.5	40	40
								OPT	98	TYP	TZA	13.85	15.5	40	40								17.19	13.0	40	55
BE2L32	EML	DGT	RW	Y	8800	C	5500	STD	98	TYD	TZA	13.87	16.3	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
								OPT	98	TYN	TZA	13.87	16.3	40	40								16.54	14.5	40	40
								OPT	98	TYP	TZA	14.21	15.5	40	40								17.19	13.0	40	55
BE2L33	EML	DGT	RW	Y	8800	C	5500	STD	98	TYD	TZA	13.87	16.3	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
								OPT	98	TYN	TZA	13.87	16.3	40	40								16.54	14.5	40	40
								OPT	98	TYP	TZA	14.21	15.5	40	40								17.19	13.0	40	55
BE2L34	EML	DGT	RW	Y	8800	C	6000	STD	98	TYD	TZA	14.69	16.7	40	40							7000	16.54	14.5	40	40
								OPT	98	TYH	TZA	15.11	15.8	40	40								17.19	13.0	40	55
								OPT	98	TYN	TZA	14.69	16.7	40	40								16.54	14.5	40	40
								OPT	98	TYP	TZA	15.11	15.8	40	40								17.19	13.0	40	55
BE3L34	EML	DGT	RW	Y	10500	C	6500	STD	98	TV2	TZA	13.55	18.0	45	40							8500	17.00	27.1	45	40
								OPT	98	TV1	TZA	13.59	19.7	45	40								17.60	26.2	45	40
BE6L31	EML	DGT	4W	Y	6600	C	5500	STD	98	TYF	TZA	14.82	15.7	35	35							6000	15.78	16.2	45	45
								OPT	98	TXW	TZA	13.95	15.9	35	35								14.55	16.8	40	40
								OPT	98	TYL	TZA	14.19	15.9	35	35								14.81	17.0	45	45
								OPT	98	TYM	TZA	14.19	15.9	35	35								14.81	17.0	45	45
								OPT	98	TYV	TZH	14.59	15.9	35	35								17.28	14.9	45	45
BE6L32	EML	DGT	4W	Y	6600	C	6000	STD	98	TYF	TZA	15.92	15.8	35	35							6000	15.78	16.2	45	45
								OPT	98	TXW	TZA	14.98	16.0	35	35								14.55	16.8	40	40
								OPT	98	TYL	TZA	15.24	16.0	35	35								14.81	17.0	45	45
								OPT	98	TYM	TZA	15.24	16.0	35	35								14.81	17.0	45	45
								OPT	98	TYV	TZH	15.69	15.9	35	35								17.28	14.9	45	45
BE6L33	EML	DGT	4W	Y	6600	C	6000	STD	98	TYF	TZA	15.92	15.8	35	35							6000	15.78	16.2	45	45
								OPT	98	TXW	TZA	14.98	16.0	35	35								14.55	16.8	40	40
								OPT	98	TYL	TZA	15.24	16.0	35	35								14.81	17.0	45	45
								OPT	98	TYM	TZA	15.24	16.0	35	35								14.81	17.0	45	45
								OPT	98	TYV	TZH	15.69	15.9	35	35								17.28	14.9	45	45
BE6L34	EML	DGT	4W	Y	6600	C	6000	STD	98	TYF	TZA	15.92	15.8	35	35							6000	15.78	16.2	45	45

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TH09 - 401 /

Report Date: 06/27/97
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1998
WCRXA0360J31

Chrysler Corporation
Family Tire Usage

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

MODEL	ENG	TRANS	A C	GVW	NKT TYPE	LVW ETW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	LOADED VEHICLE WEIGHT COAST DOWN TIME	*DYNO HP	TIRE PRES F	R	COLD CO ELECTRIC DYNO COEFFICIENTS TARGET (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED) A	B	C	SET A	B	C	ADJUSTED LOADED VEHICLE WGT ALVW ETW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	R
							OPT	98	TXW	TZA		14.98	16.0	35	35								14.55	16.8	40	40
							OPT	98	TYL	TZA		15.24	16.0	35	35								14.81	17.0	45	45
							OPT	98	TYM	TZA		15.24	16.0	35	35								14.81	17.0	45	45
							OPT	98	TYV	TZH		15.69	15.9	35	35								17.28	14.9	45	45
BE7L31	EML	DGT	4W	Y	8800	C 5500	STD	98	TYD	TZA		12.60	18.8	40	40							7000	14.90	16.9	40	40
							OPT	98	TYH	TZA		13.49	16.8	40	40								16.07	14.8	40	40
							OPT	98	TYN	TZA		12.60	18.8	40	40								14.90	16.9	40	40
							OPT	98	TYP	TZA		13.49	16.8	40	40								16.07	14.8	40	40
BE7L32	EML	DGT	4W	Y	8800	C 6000	STD	98	TYD	TZA		13.48	19.2	40	40							7500	15.85	17.6	40	40
							OPT	98	TYH	TZA		14.42	17.2	40	40								17.09	15.6	40	40
							OPT	98	TYN	TZA		13.48	19.2	40	40								15.85	17.6	40	40
							OPT	98	TYP	TZA		14.42	17.2	40	40								17.09	15.6	40	40
BE7L33	EML	DGT	4W	Y	8800	C 6000	STD	98	TYD	TZA		13.48	19.2	40	40							7000	14.90	16.9	40	40
							OPT	98	TYH	TZA		14.42	17.2	40	40								16.07	14.8	40	40
							OPT	98	TYN	TZA		13.48	19.2	40	40								14.90	16.9	40	40
							OPT	98	TYP	TZA		14.42	17.2	40	40								16.07	14.8	40	40
BE7L34	EML	DGT	4W	Y	8800	C 6000	STD	98	TYD	TZA		13.48	19.2	40	40							7000	14.90	16.9	40	40
							OPT	98	TYH	TZA		14.42	17.2	40	40								16.07	14.8	40	40
							OPT	98	TYN	TZA		13.48	19.2	40	40								14.90	16.9	40	40
							OPT	98	TYP	TZA		14.42	17.2	40	40								16.07	14.8	40	40
BE8L34	EML	DGT	4W	Y	11000	C 7000	STD	98	TV2	TZA		12.60	20.8	65	40							8500	14.98	30.6	65	40
							OPT	98	TV1	TZA		12.88	21.4	65	40								15.44	30.1	65	40
BR2L62	EML	DGT	RW	Y	8800	C 5250	STD	98	TYD	TZA		13.57	16.2	40	40							7000	16.54	14.5	40	40
							OPT	98	TYH	TZA		13.85	15.5	40	40								17.19	13.0	40	55
							OPT	98	TYN	TZA		13.57	16.2	40	40								16.54	14.5	40	40
							OPT	98	TYP	TZA		13.85	15.5	40	40								17.19	13.0	40	55
BR2L65	EML	DGT	RW	Y	8800	C 7500	STD	98	TYD	TZA		0.00	35.0	40	40	92.13		0.07865	48.76	-1.81	0.09	8000	0.00	35.0	40	40
							OPT	98	TYH	TZA		0.00	35.0	40	40								0.00	35.0	40	55
							OPT	98	TYN	TZA		0.00	35.0	40	40								0.00	35.0	40	40
							OPT	98	TYP	TZA		0.00	35.0	40	40								0.00	35.0	40	55
BR3L62	EML	DGT	RW	Y	10500	C 6000	STD	98	TV2	TZA		12.88	18.3	45	40							8000	16.20	27.9	45	40
							OPT	98	TV1	TZA		12.90	19.9	45	40								16.77	26.8	45	40
BR3L63	EML	DGT	RW	Y	11000	C 8000	STD	98	TV2	TZA		0.00	43.0	50	40							9000	0.00	43.0	50	40
							OPT	98	TV1	TZA		0.00	43.0	50	40								0.00	43.0	50	40
							OPT	98	TXB	TZH		0.00	43.0	50	40								0.00	43.0	50	40
BR3L64	EML	DGT	RW	Y	11000	C 8000	STD	98	TV1	TZA		0.00	43.0	50	40							9000	0.00	43.0	50	40
							STD	98	TV2	TZA		0.00	43.0	50	40								0.00	43.0	50	40
							OPT	98	TXB	TZH		0.00	43.0	50	40								0.00	43.0	50	40
BR7L62	EML	DGT	4W	Y	8800	C 6000	STD	98	TYD	TZA		13.48	19.2	40	40							7000	14.90	16.9	40	40
							OPT	98	TYH	TZA		14.42	17.2	40	40								16.07	14.8	40	40
							OPT	98	TYN	TZA		13.48	19.2	40	40								14.90	16.9	40	40
							OPT	98	TYP	TZA		14.42	17.2	40	40								16.07	14.8	40	40
BR7L65	EML	DGT	4W	Y	8800	C 7500	STD	98	TYD	TZA		0.00	35.0	40	40							8000	0.00	35.0	45	55

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TH09 - 402 /

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

1998
WCRXA0360J31

Chrysler Corporation
Family Tire Usage

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

MODEL	ENG	TRANS	A C	GVW	MKT TYPE	LVW ETW	TIRE DESCRIPTION USE	YR	COD	MFG	OPT	LOADED VEHICLE WEIGHT COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R	COLD CO ELECTRIC DYNO COEFFICIENTS TARGET A	B	C	SET A	B	C	ADJUSTED LOADED VEHICLE WGT ALVW ETW	COAST DOWN TIME	*DYNO HP	TIRE PRES F	TIRE PRES R
							(LINE 1 IS 20 DEG COEFFS,LINE 2 IS 50 DEG WHEN NEEDED)																			
							OPT	98	TYN	TZA		0.00	35.0	40	40								0.00	35.0	45	55
							OPT	98	TYN	TZA		0.00	35.0	40	40								0.00	35.0	45	55
							OPT	98	TYP	TZA		0.00	35.0	40	40								0.00	35.0	45	55
BR8L62	ENL	DGT	4W	Y	10500	C 6000	STD	98	TV2	TZA		11.25	20.7	65	40							8000	14.23	30.8	65	40
							OPT	98	TV1	TZA		11.49	21.3	65	40								14.66	30.2	65	40
BR8L63	ENL	DGT	4W	Y	11000	C 8000	STD	98	TV2	TZA		0.00	43.0	60	40							9000	0.00	43.0	60	40
							OPT	98	TV1	TZA		0.00	43.0	60	40								0.00	43.0	60	40
							OPT	98	TXB	TZH		0.00	43.0	60	40								0.00	43.0	60	40
BR8L64	ENL	DGT	4W	Y	11000	C 8000	STD	98	TV2	TZA		0.00	43.0	60	40							9000	0.00	43.0	60	40
							OPT	98	TV1	TZA		0.00	43.0	60	40								0.00	43.0	60	40
							OPT	98	TXB	TZH		0.00	43.0	60	40								0.00	43.0	60	40

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

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

1998
WCRXA0360J31

Chrysler Corporation
FAMILY TIRE DESCRIPTION

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

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
98	TRY	TZA		WRANGLER AP	(A/S)	P225/75R16-XL	711	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	11
98	TSC	TZH		XW4	(A/S)	P235/75R15-XL	720	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	10
98	TSD	TZA		INVICTA-GL	(A/S)	P235/75R15-XL	724	SBR	2-Steel/2-Polyester	4	WSW	Polyester	2	Nylon	1	10
98	TSD	TZH		XW4	(A/S)	P235/75R15-XL	720	SBR	2-Steel/2-Polyester	4	WSW	Polyester	2	None	0	10
98	TSF	TZA		INVICTA-GL	(A/S)	P235/75R15-XL	724	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	10
98	TV1	TZA		WRANGLER RT/S	(A/S)	LT215/85R16-E	684	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	14
98	TV2	TZA		WRANGLER AT	(A/T)	LT215/85R16-E	681	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	16
98	TW9	TZA		WRANGLER AT	(A/S)	LT235/75R15-D	716	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	13
98	TWT	TZH		LTX	(A/S)	LT225/75R16-E	710	SBR	3-Steel/2-Polyester	5	BSW	Polyester	2	None	0	13
98	TWY	TZH		LTX	(A/S)	LT225/75R16-D	709	SBR	3-Steel/2-Polyester	5	OWL	Polyester	2	None	0	13
98	TWZ	TZH		LTX	(A/S)	LT225/75R16-D	709	SBR	3-Steel/2-Polyester	5	BSW	Polyester	2	None	0	13
98	TXB	TZH		XPS	(A/S)	LT215/85R16-E	682	SBR	3-Steel/1-Steel	4	BSW	Steel	1	None	0	14
98	TXW	TZA		WRANGLER RTS	(A/T)	P265/75R16	660	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	15
98	TYD	TZA		WRANGLER RT/S	(A/S)	LT245/75R16-E	683	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	14
98	TYF	TZA		WRANGLER AP	(A/S)	P245/75R16	687	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	12
98	TYG	TZA		WRANGLER RT/S		P245/75R16	687	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	12
98	TYH	TZA		WRANGLER AT	(A/T)	LT245/75R16-E	679	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	16
98	TYL	TZA		WRANGLER RT/S	(A/T)	LT245/75R16-C	679	SBR	2-Steel/2-Polyester	4	BSW	Polyester	2	None	0	16
98	TYM	TZA		WRANGLER AT	(A/T)	LT245/75R16-C	679	SBR	2-Steel/2-POLYESTER	4	OWL	Polyester	2	None	0	16
98	TYN	TZA		WRANGLER RT/S	(A/S)	LT245/75R16-E	683	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	14
98	TYP	TZA		WRANGLER AT	(A/T)	LT245/75R16-E	679	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	16
98	TYT	TZH		LTX	(A/S)	LT245/75R16-E	679	SBR	3-Steel/2-Polyester	5	BSW	Polyester	2	None	0	14
98	TYV	TZH		LTX	(A/S)	P245/75R16	691	SBR	2-Steel/2-Polyester	4	OWL	Polyester	2	None	0	10

/ 10. - TH09 - 404 /

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

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 Sales
BE6L31	Ram 1500 Pickup 4WD	YES
BE6L33	Ram 1500 Pickup 4WD	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

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

Vehicle MFR: CHRYSLER

Engine Family: WCRXA0360J31
Evaporative Fam: WCRXE0174G4H

Certificate #:

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

Vehicle MFR: CHRYSLER

Engine Family: WCRXA0360J31
Evaporative Fam: WCRXE0174G5H

Certificate #: Attachment to the SDS Pg 8 of 9 for Executive Order A-9-399

Model ID	Car Line	California Sales
BR7L62	Ram 2500 Pickup 4WD HDV	YES
BE2L31	Ram 2500 Pickup HDV 2WD	YES
BE2L32	Ram 2500 Pickup HDV 2WD	YES
BE2L33	Ram 2500 Pickup HDV 2WD	YES
BE2L34	Ram 2500 Pickup HDV 2WD	YES
BR2L62	Ram 2500 Pickup HDV 2WD	YES
BE7L31	Ram 2500 Pickup HDV 4WD	YES
BE7L32	Ram 2500 Pickup HDV 4WD	YES
BE7L33	Ram 2500 Pickup HDV 4WD	YES
BE7L34	Ram 2500 Pickup HDV 4WD	YES
BE3L34	Ram 3500 Pickup 2WD	YES
BR3L62	Ram 3500 Pickup 2WD HDV	YES
BE8L34	Ram 3500 Pickup 4WD	YES
BR8L62	Ram 3500 Pickup 4WD	YES
AB3L13	Ram Van 3500 2WD	YES
AB3X13	Ram Van 3500 2WD	YES
AB3L12	Ram Van B3500 2WD	YES
AB3X12	Ram Van B3500 2WD	YES
AB3L53	Ram Wagon 3500 2WD HDV	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
```

```
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
|  |
|  |
|  ------- 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
```

MODELS COVERED BY CERTIFICATE

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

Vehicle MFR: CHRYSLER

Engine Family: WCRXA0360J31
Evaporative Fam: WCRXE0174G6H

Certificate #:

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
```

E.O. # A-9-399
Page 1 of 6

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

7.98D

Manufacturer: Chrysler Corporation Exh Eng Fam: WCRXA0360J31 Evap Fam: WCRXE0174G3H, WCRXE0174G4H, WCRXE0174G5H, WCRXE0174G6H

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 #
1	Authorized Representative	01.02.-00
2	Fuel Specifications	03.01.-20
3	Test Equipment	at Mfr.
4	Test Procedure	at Mfr
5	Mileage Accumulation Route	at Mfr.
6	Emission Warranty Statement	17.03.-05
7	Maint: Cert/Req'd/Recm'd	06.01.-080
8	Emiss Label/Vac Hose Diag	07.00.-80
9	Evap Control System (incl.ORVR if applic.)	09.-T.-000
10	Engine Parameters	10.-TH09-001
11	Fuel System	at Mfr.
12	Ignition System	at Mfr.
13	Exhaust Control System	10.-TH09-001
14	Proj Sales (LDT/MDV Split)	10.-TH09-215.00
15	Vehicle Description	10.-TH09-300
16	Evap Bench Test Procedure	at Mfr.
17	R/L Temp & Press Profiles	17.08.-05
18	EDV Selection	10.-TH09-990
19	Prod Veh Same as Test Veh.	17.00.-05
20	Emission Label Durability	17.00.-05

		Sect/Page #
22	Gen Std, Increase in Emiss, Safety, Meets all Reqmts.	17.00.-05
23	Driveability Statement	17.00.-05
24	Adjustable Parameters	08.16.-10
25	Tamper Resistance Method(s)	17.00.-05
26	Fill Pipe Specifications	17.02.-105
27	High Altitude Compliance	17.00.-15
28	OBD Sys incl Marked Revisions	08.20.-00
29	I&M Test Procedure & Data	@ Mfr & 16.02.-50
30	50 Degree F Compliance	17.00.-20
31	Manufacturer's RAF	N/A
32	Phase-In Plans: ORVR Cert Std.	17.05.-10
	Full Range Misfire Monitoring	17.05.-25
	LEV CAT Monitoring--1.5 X Std	17.05.-15
	.020" Orifice-Based on Leak Chk.	N/A
	MDV VEC Calculation	17.05.-20
33	NMOG Fleet Average Calculation	17.05.-05
34	AB965 Credits/Withdrawals	N/A
35	EPA Certificate	
36	Equiv NMOG Proc--ARB Approval	17.00.-15

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

Date Issued: 06/09/97
Revisions: ____

Continued on next page