

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-391
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 light-duty trucks:

Fuel Type: Gasoline

Engine Family: WCRXT0360211 Displacement: 5.2 Liters (318 Cubic Inches)
5.9 Liters (360 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Heated Oxygen Sensors (two)
Dual Heated Oxygen Sensors (5.9-Liter AN 4x2 models only)
Three Way Catalytic Converter
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>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
3751-5750	50,000	0.32	4.4	0.7	12.5
	100,000	0.40	5.5	0.97	n/a

The certification exhaust emission values for this engine family in grams per mile are:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
3751-5750	50,000	0.16	2.6	0.2	5.8
	100,000	0.17	2.9	0.25	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 fleet average non-methane organic gas (NMOG) exhaust mass emission 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".

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits 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 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 2nd 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

E.O. # A-9-391
Page 1 of 2

Manufacturer: Chrysler Corporation Exh Eng Fam: WCRXT0360211 Evap Fam: WCRXE0101G2H
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 X MDV1 MDV2 MDV3 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 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 Equip R/L Test Proce: SHED Pt Source X
Engine Configuration: V-8 Displacement: 5.2/5.9 Liters 318/360 Cubic Inches
Valves per Cylinder: 2 Rated HP: 220/235 @ 4400/4000 RPM
Engine: Front X Mid Rear Drive: FWD RWD X 4WD-FT 4WD-PT X
Exhaust ECS (eg., EGR, MFI, TC, CAC): HO2S(2) (5.2L AN/ZJ & 5.9L ZJ/AN 4X4), 2HO2S, HO2S(2)
(5.9L AN 4X2), 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)	AN1L61 AN1L62 AN1L31	A4	4000 4250	S E E	56046327AB	--	52103192AA
CA-200 (CA)	AN1L61 AN1L31		4000 4500	A T T A C H M E N T	56046333AB	--	52103364
CA-300 (CA)	AN5L61 AN5L31 AN5L62		4250 4500		56046328AB	--	5210324AA 52103238AA
CA-400 (CA)	AN5L61 AN5L31		4500 4750		56046334AB	--	52103238AA

Date Issued: 05/22/97

Revisions: _____
TG02-SDS/98

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

E.O. # A-9-391
Page 2 of 2

Manufacturer: Chrysler Corporation Exh Eng Fam: WCRXT0360211 Evap Fam: WCRXF0101G2H

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-500 (CA)	ZJJL74	A4	4250	S E E	56041517AB	--	52019482AB
CA-600 (CA)	ZJJL74		4500	A T T A C H M E N T	56041538AC	--	
CA-700 (CA)	ZJTL74		4250		56041518AB	--	
CM-100 (CA)	AN1L61 AN1L62	M5	4000		56046329AB	--	52103192AA
	AN1L31		4250			--	
CM-200 (CA)	AN5L61		4250			--	52103214AA
	AN5L62					--	52103238AA
	AN5L31		4500			--	

Date Issued: 05/22/97

Revisions: _____
TG02-SDS/98

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

COLD CO ELECTRIC DYNO COEFFICIENTS															COAST		TIRE	
TARGET A B C															DOWN		PRES	
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* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TG02 - 400 /

Report Date: 05/10/97
Time: 15:35:34

ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	GW	TYPE	ETW	MKT	LWM	TIRE DESCRIPTION	USE	YR	CD	MFG	OPT	COAST	DYNO	TIRE	TARGET A	B	C	SET A	SET B	SET C	ALW	DOWN	TIME	TIRE	*DYNO	PRES	HP	F	R
AN5L61	ELF	DDC	4W	Y	5350	C	4250		OPT 98 TWT TZA						13.03	15.0	35 35	70.06														
									STD 98 TMD TZA						13.69	14.3	35 35															
									OPT 98 TS1 TZA						12.94	15.1	35 35															
									OPT 98 TS2 TZA						12.94	15.1	35 35															
AN5L61	ELF	DGW	4W	Y	5350	C	4250		OPT 98 TWT TZA						12.75	14.8	35 35															
									STD 98 TMD TZA						13.11	14.4	35 35															
									OPT 98 TS1 TZA						12.42	15.2	35 35															
									OPT 98 TS2 TZA						12.42	15.2	35 35															
AN5L61	ELF	DGT	4W	Y	5480	C	4500		OPT 98 TWT TZA						12.24	15.0	35 35															
									STD 98 TMD TZA						13.46	14.5	35 35															
									OPT 98 TS1 TZA						12.76	15.3	35 35															
									OPT 98 TS2 TZA						12.76	15.3	35 35															
AN5L62	ELF	DDC	4W	Y	5400	C	4250		OPT 98 TWT TZA						12.60	15.0	35 35															
									STD 98 TMD TZA						13.69	14.3	35 35															
									OPT 98 TS1 TZA						12.94	15.1	35 35															
									OPT 98 TS2 TZA						12.94	15.1	35 35															
AN5L62	ELF	DGW	4W	Y	5400	C	4500		OPT 98 TWT TZA						12.75	14.8	35 35															
									STD 98 TMD TZA						13.81	14.5	35 35															
									OPT 98 TS1 TZA						13.08	15.3	35 35															
									OPT 98 TS2 TZA						13.08	15.3	35 35															
ZJL74	ELF	DGW	4W	Y	5500	C	4250		OPT 98 TWT TZA						12.90	15.0	35 35															
									STD 98 TRT TZA						13.92	12.7	36 36															
									OPT 98 TRD TZA						13.80	12.6	36 36															
									OPT 98 TRH TZA						13.92	12.5	36 36															
									OPT 98 TRL TZA						14.38	12.4	36 36															
ZJL74	ELF	DGT	4W	Y	5500	C	4500		OPT 98 TRP TZA						13.80	12.6	36 36															
									STD 98 TRD TZA						13.46	12.6	36 36															
									OPT 98 TRP TZA						14.11	12.7	36 36															
ZJL74	ELF	DGW	4W	Y	5200	C	4250		STD 98 TRT TZA						15.56	12.0	36 36															
									OPT 98 TRD TZA						15.18	11.7	36 36															
									OPT 98 TRH TZA						15.20	12.1	36 36															
									OPT 98 TRL TZA						15.43	12.4	36 36															
									OPT 98 TRP TZA						15.18	11.7	36 36															

* - For DYNO HP = 0.00
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Report Date: 05/10/97
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TIRE DESCRIPTION		SIZE		CONSTRUCTION		P		SIDEWALL MATERIAL		P		OVERLAY		P		TREAD DEPTH	
YR	COD	MFG	OPT	NAME	GL	RTS	HP	LS	AP	RTS	HP	LS	AP	RTS	HP	LS	AP
98	TMD	TZA		INVICTA GL	(A/S)												
98	TME	TZA		INVICTA GL	(A/S)												
98	TRD	TZA		WRANGLER HP	(H/S)												
98	TRH	TZA		EAGLE LS	(A/S)												
98	TRL	TZA		WRANGLER RTS	(A/T)												
98	TRP	TZA		WRANGLER HP	(H/S)												
98	TRT	TZA		WRANGLER AP	(A/S)												
98	TS1	TZA		WRANGLER RTS	(A/T)												
98	TS2	TZA		WRANGLER RT/S	(A/T)												
98	TSH	TZA		EAGLE LS	(A/S)												
98	TUT	TZA		WRANGLER RT/S	(A/T)												
98	TYR	TZA		WRANGLER GSA	(A/T)												

/ 10. - TG02 - 402 /

Report Date: 05/10/97
Time: 15:35:34

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER Engine Family: WCRXT0360211 Certificate #: Attachment to SDS Pg. 4 of 4
 Evaporative Fam: WCRXE0101G2H of Executive Order # A-9-391

Model ID	Car Line	California Sales
AN1L31	Dakota Pickup 2WD	YES
AN1L61	Dakota Pickup 2WD	YES
AN1L62	Dakota Pickup 2WD	YES
AN5L31	Dakota Pickup 4WD	YES
AN5L61	Dakota Pickup 4WD	YES
AN5L62	Dakota Pickup 4WD	YES
ZJTL74	Grand Cherokee 2WD	YES
ZJL74	Grand Cherokee 4WD	YES

Model Codes	Model Codes
AN 1 L 31	XJ J L 74
1st digit: 3=Club Cab	2nd digit: 1=119" or 130.9" wb
6=Regular Cab	2=123.9" wb
Price Class	Body Style
Model: 1=2 wheel drive	72=2 door
5=4 wheel drive	74=4 door
Body Code: Dakota Pickup	77=open
	Trim Level
	L=Covers all trim levels
	Steering and Drive Line
	B=Right Hand Steering, 2 wd-rear
	U=Right Hand Steering, 4 wd
	J=Left Hand Steering, 4 wd
	T=Left Hand Steering, 2 wd-rear
	Car Line
	XJ=Cherokee
	YJ=Wrangler
	ZJ=Grand Cherokee