

File

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-397  
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: WCRXA0360H32    Displacement: 5.2 Liters (318 Cubic Inches)  
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>
3751-5750	50,000	0.160	4.4	0.4	0.018	12.5
	120,000	0.230	6.4	0.6	0.027	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>
3751-5750	50,000	0.144	3.4	0.3	0.002	6.9
	120,000	0.175	3.9	0.4	0.003	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 17<sup>th</sup> day of September 1997.



R. B. Summerfield, Chief  
Mobile Source Operations Division



LOADED VEHICLE WEIGHT      ADJUSTED LOADED VEHICLE WGT

MODEL	ENG	TRANS	A	MKT	LVM	TIRE DESCRIPTION	COAST	TIRE			COLD CO ELECTRIC DYNO COEFFICIENTS			ALVM		COAST		TIRE			
								TYPE	TYPE	TYPE	DOWN	*DYNO	PRES	F	R	HP	HP	HP	HP	HP	HP
DN5L74	ELF	DGM	4W	Y	6400	C	5000	STD	98	TS1	TZA	13.43	14.6	14.6	35	35	5500	14.62	13.7	35	35
								OPT	98	TS2	TZA	13.43	14.6	14.6	35	35		14.62	13.7	35	35
								OPT	98	TUT	TZA	13.40	14.8	14.8	35	35		14.30	14.2	35	35
DN5L74	EHL	DGT	4W	Y	6400	C	5000	STD	98	TS1	TZA	13.01	14.9	14.9	35	35	5500	14.28	14.0	35	35
								OPT	98	TS2	TZA	13.01	14.9	14.9	35	35		14.28	14.0	35	35
								OPT	98	TUT	TZA	12.98	15.1	15.1	35	35		13.97	14.4	35	35

0.04186 53.45 -1.0351 0.05028

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

/ 10. - TH06 - 400 /

Report Date: 09/05/97  
Time: 15:21:28

1998  
WCRXA0360H32

Chrysler Corporation  
FAMILY TIRE DESCRIPTION

Attachment to the SDS Pg 2 of 3  
For Executive Order A-9-397

TIRE DESCRIPTION YR COD MFG OPT NAME	SIZE	RPM	CONSTRUCTION COD TREAD MATERIAL	P		L OVERLAY		TREAD DEPTH P (IN.)
				Y	SW	Y	MATERIAL	
98 TS1 TZA WRANGLER RT/S (A/T)	P235/75R15	719	SBR 2-Steel/2-Polyester	4	BSW	2	None	0 13
98 TS2 TZA WRANGLER RT/S (A/T)	P235/75R15-XL	719	SBR 2-Steel/2-Polyester	4	OML	2	None	0 13
98 TUT TZA WRANGLER RT/S (A/T)	31X10.5R15LT	684	SBR 2-Steel/2-Polyester	4	OML	2	None	0 13

/ 10. - TH06 - 401 /

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MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: MCRXA0360H32  
Evaporative Fam: MCRXE0133G3H

Certificate #:

Model ID  
-----  
DN5L74

Car Line  
-----  
Dodge Durango 4MD SUV

California  
Sales  
-----  
YES

Model Codes  
DN 1 L 74

-----  
1st & 2nd digit:  
74=4 Door

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Price Class  
L=Covers all trim levels

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Model:  
1=4X2  
5=4X4

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Body Code:  
Durango