

File

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-381-A  
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 passenger cars:

Emission Standard Category: Transitional Low-Emission Vehicle (TLEV)

Fuel Type: Gasoline

Engine Family: WCRXV0152V20 Displacement: 2.5 Liters (152 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Exhaust Gas Recirculation
- 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 TLEV certification exhaust emission standards for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Organic Gas</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Formaldehyde</u>	<u>Carbon Monoxide (20°F)</u>
50,000	0.125	3.4	0.4	0.015	10.0
100,000	0.156	4.2	0.6	0.018	n/a

Reactivity Adjustment Factor (RAF) for NMOG Mass Emission: 0.98

The certification exhaust emission values set forth for non-methane organic gas (NMOG) reflect application of a 0.98 RAF for 1998 model-year TLEVs. The TLEV certification exhaust emission values for this engine family in grams per mile are:

<u>Miles</u>	<u>Non-Methane Organic Gas</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Formaldehyde</u>	<u>Carbon Monoxide (20°F)</u>
50,000	0.092	1.0	0.1	0.007	6.4
100,000	0.112	1.4	0.1	0.009	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 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 vehicle manufacturer is certifying the listed vehicle models to the "California Refueling Emission Standards and Test Procedures for 1998 and Subsequent Model Motor Vehicles," Title 13, California Code of Regulations, Section 1978, 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 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.).

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 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).

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 24<sup>th</sup> day of November 1997.



R. B. Summerfield, Chief  
Mobile Source Operations Division



ADJUSTED LOADED VEHICLE WGT

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A	MKT	LW	TIRE	DESCRIPTION	USE	YR	COD	MFG	OPT	COAST	DOWN	*DYNO	TIRE	PRE	TARGET	SET	C	ELECTRIC	DYNO	COEFFICIENTS	ALW	DOWN	COAST	TIRE													
			C	GW	TYPE	ETW								TIME	HP	F	R	(LINE	1	IS	20	DEG	COEFFS,	LINE	2	IS	50	DEG	WHEN	NEEDED)	ETW	TIME	HP	F	R					
JACP41	EEB	DGL	FW	Y	0	C	3500	STD	98	TNG	TZH		17.82	6.2	30	30	40.41				0.02242																			
JADP41	EEB	DGL	FW	Y	0	C	3500	OPT	98	TNN	TZH		17.27	6.2	30	30	44.48				0.02213																			
JADP41	EEB	DGL	FW	Y	0	C	3500	STD	98	TNN	TZH		17.27	6.2	30	30	44.48				0.02213																			
JADP41	EEB	DHD	FW	Y	0	C	3500	OPT	98	TNG	TZH		17.82	6.2	30	30	40.41				0.02242																			
JADP41	EEB	DHD	FW	Y	0	C	3500	STD	98	TNN	TZH		17.27	6.2	30	30	44.48				0.02213																			
JXCH27	EEB	DGL	FW	Y	0	C	3750	OPT	98	TNG	TZH		17.82	6.2	30	30	40.41				0.02242																			
JXCH27	EEB	DGL	FW	Y	0	C	3750	STD	98	TV4	TZH		17.66	6.6	30	30	5.69				-0.0426																			
JXCH27	EEB	DHD	FW	Y	0	C	3750	OPT	98	TV4	TZH		17.20	6.2	30	30	44.30				0.02522																			
JXCH27	EEB	DHD	FW	Y	0	C	3750	STD	98	TV4	TZH		17.66	6.6	30	30	5.69				-0.0426																			
JXCP27	EEB	DGL	FW	Y	0	C	3750	OPT	98	TV4	TZH		17.20	6.2	30	30	44.30				0.02522																			
JXCP27	EEB	DHD	FW	Y	0	C	3750	STD	98	TV4	TZH		17.20	6.2	30	30	44.30				0.02522																			
JXCP27	EEB	DHD	FW	Y	0	C	3750	STD	98	TV4	TZH		17.20	6.2	30	30	44.30				0.02522																			

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

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: WCRXV0152V20  
Evaporative Fam: WCRXR0101G1C

Certificate #:

Model ID	Car Line	California
JACP41	Cirrus	Sales
JADP41	Stratus	YES
		YES

\* - For U.S. Possessions the nameplate will read Chrysler

Model Codes

JA C H 41

--- Body Style  
22=2 door coupe  
27=2 door convertible  
41=4 door sedan  
42=4 door subcompact sedan

--- Trim Level  
H=High Line S=Sport  
P=Premium L=Low Line

--- Division  
L,C=Chrysler D=Dodge  
X=Eagle P=Plymouth

--- Car Line  
JA=Cirrus, Stratus, Breeze PL=Neon  
JX=Sebring Convertible  
LH=Concorde, New Yorker, LHS, Vision, Intrepid  
SR=Viper, PR=Prowler