

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-357
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 1997 model-year Chrysler Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: VCR24218G1EK Displacement: 4.0 Liters (242 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Heated Oxygen Sensors (two)
- 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>
0-3750	50,000	0.25	3.4	0.4	10.0
	100,000	0.31	4.2	0.6	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>
0-3750	50,000	0.07	0.8	0.3	3.9
	100,000	0.07	0.9	0.4	n/a

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 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 50,000-mile evaporative emission standards applicable to 1980 through 1994 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, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles."

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 17th day of October 1996.



R. B. Summerfield, Chief
Mobile Source Operations Division

VEHICLE MODELS/CARLINE

Engine Family: VCR24218G1EK
Evaporative Family: VCR1049AYPON
Exhaust Control System: TWC, H02S(2), OBD II, SFI
Evap. Control System: Canister
Engine Displacement: 4.0L

Carline	Model Code
Jeep. Cherokee 2WD	XJBL74, XJTL72, XJTL74
Jeep. Cherokee 2WD	XJL72

REPORT DATE: 09-26-96

ATTACHMENT TO SDS PAGE 1
OF EXECUTIVE ORDER A-9-357

1997
VCR24218G1EK

Chrysler Corporation
Family Tire Usage

LOADED VEHICLE WEIGHT

MODEL	ENG	TRANS	A C	MKT GVW	LVW TYPE	ETW	TIRE DESCRIPTION USE YR COD MFG OPT	COAST		TIRE		COLD CO ELECTRIC DYNO COEFFICIENTS (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)								
								DOWN TIME	*DYNO HP	PRES F R	TARGET A	B	C	SET A	B	C				
XJBL74	ERH	DGS	RW	Y	4600	C	3625	STD 97	TRL	TZA	13.09	12.9	33	33						
								OPT 97	TM6	TZA	12.72	13.3	33	33						
XJL72	ERH	DDQ	4A	Y	4850	C	3750	STD 97	TRL	TZA	12.67	13.9	33	33						
								OPT 97	TM6	TZA	12.37	14.3	33	33						
								OPT 97	TRV	TZA	11.53	13.4	33	33						
XJTL72	ERH	DDQ	RA	Y	4550	C	3500	STD 97	TRL	TZA	13.19	12.8	33	33	59.52		0.03919	39.19	-0.5017	0.04136
								OPT 97	TM6	TZA	12.80	13.2	33	33						
								OPT 97	TRV	TZA	11.87	12.4	33	33						
XJTL72	ERH	DGS	RP	Y	4550	C	3625	STD 97	TRC	TZA	12.51	13.5	33	33						
								OPT 97	TRL	TZA	13.09	12.9	33	33						
XJTL72	ERH	DGS	RW	Y	4550	C	3625	STD 97	TRL	TZA	13.09	12.9	33	33						
								OPT 97	TM6	TZA	12.72	13.3	33	33						
								OPT 97	TRV	TZA	11.82	12.4	33	33						
XJTL74	ERH	DDQ	RA	Y	4600	C	3625	STD 97	TRL	TZA	13.65	12.7	33	33						
								OPT 97	TM6	TZA	13.24	13.1	33	33						
								OPT 97	TRV	TZA	12.28	12.2	33	33						
XJTL74	ERH	DGS	RP	Y	4600	C	3625	STD 97	TRC	TZA	12.51	13.5	33	33						
								OPT 97	TRL	TZA	13.09	12.9	33	33						
XJTL74	ERH	DGS	RW	Y	4600	C	3625	STD 97	TRL	TZA	13.09	12.9	33	33						
								OPT 97	TM6	TZA	12.72	13.3	33	33						
								OPT 97	TRV	TZA	11.82	12.4	33	33						

ISSUE DATE: 09-26-96