

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-311
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 1996 model-year Chrysler Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: TCR24228G1EK Displacement: 4.0 Liters (242 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 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	0.08	1.0	0.2	4.9
	100,000	0.09	1.0	0.35	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 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 "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 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 manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.1) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

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 19th day of June 1995.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1996 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

E.O. # A-9-311
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Manufacturer: Chrysler Corporation Exh Eng Fam: TCR24228G1EK Evap Fam: TCR1098AYPON
 All Eng Codes in Eng Fam: CA X 49S 50S AB965
 Exh Std: CA Tier-1 X TLEV LEV ULEV ZEV ; US EPA Tier-1
 Evap Std: 50K X Useful Life with R/L In-Use Exh Std: Full In Use X Alt In Use
 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 Ph2 X CNG LPG M85 Other(specify)
 Diesel: 13 CCR 2282 or 40 CFR 86.113-90 or 40 CFR 86.113-94
 Service Accum: Std AMA Mod AMA X Mfr ADP Other (Specify)
 NMOG Test Procedure: N/A Std Equiv R/L Test Proce: SHED Pt Source
 Hybrid: Type A B C , APU Cycle (e.g., Otto, Diesel, Turbine)
 Engine Configuration: I-6 Displacement: / 4.0 Liters / 242 Cubic Inches
 Valves per Cylinder: 2 Rated HP: 185 @ 4600 RPM
 Engine: Front X Mid Rear Drive: FWD RWD X 4WD-FT X 4WD-PT
 Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC, HO2S(2), SFI
 (use abbreviations per SAE J1930 SEP91)

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)	ZJTL74	A4	4000	S E E	56041122	None	52022019
	ZJJL74		4250				

Date Issued: 05-08-95

Revisions: _____

VEHICLE MODELS/CARLINE

Engine Family: TCR24228G1EK
Evaporative Family: TCR1098AYP0N
Exhaust Control System: TWC, H02S(2), ., SFI
Evap. Control System: Canister
Engine Displacement: 4.0L

Carline	Model Code
JEEP GRAND CHEROKEE 4WD	ZJJL74
JEEP GRAND CHEROKEE 2WD	ZJTL74

REPORT DATE: 05-08-95

1986

Chrysler Corporation

TCR24228G1EK

FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/ TRANS	WEIGHT TEST	LBS GVW	A C	TIRE USE	DESCRIPTION YR CODE TRD	COASTDOWN MFG TIME SEC	*DYNO HP	TIRE F	PRES R
ZJL74	ERH DQK 4A	4250	5300	Y	STD 98	TMS TAD TZA	13.44	13.70	38	38
					OPT 98	TRH TAD TZA	12.67	13.40	38	38
					OPT 98	TRN TAD TZA	13.34	13.00	38	38
					OPT 98	TRT TAD TZA	12.85	13.10	38	38
					OPT 98	TYR TAD TZA	12.86	13.40	38	38
ZJL74	ERH DQK 4B	4250	5300	Y	STD 98	TMS TAD TZA	13.44	13.70	38	38
					OPT 98	TRH TAD TZA	12.67	13.40	38	38
					OPT 98	TRN TAD TZA	13.34	13.00	38	38
					OPT 98	TRT TAD TZA	12.85	13.10	38	38
					OPT 98	TYR TAD TZA	12.86	13.40	38	38
ZJTL74	ERH DQK RW	4000	4850	Y	STD 98	TMS TAD TZA	14.08	13.10	38	38
					OPT 98	TRH TAD TZA	13.21	12.90	38	38
					OPT 98	TRN TAD TZA	13.97	12.50	38	38
					OPT 98	TRT TAD TZA	13.47	12.50	38	38

REPORT DATE: 05-08-95