File



State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-281-A-1
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 1995 model-year Chrysler Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: SCR24228G1EA Displacement: 4.0 Liters (242 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Heated Oxygen Sensor
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:

| Loaded Vehicle Weight(lbs.) | Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides |
|---|---|---|---|---|
| 3751-5750 | 50,000 | 0.32 | 4.4 | 0.7 |
| | 100,000 | 0.40 | 5.5 | n/a |

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

| Loaded Vehicle Weight(lbs.) | Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides |
|---|---|---|---|---|
| 3751-5750 | 50,000 | 0.17 | 1.5 | 0.3 |
| | 100,000 | 0.17 | 1.6 | 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 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 for 1988 and Subsequent Model Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(2.0) 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.

Executive Orders A-9-281 dated May 18, 1994 and A-9-281-A dated January 26, 1995 are superseded and replaced by Executive Order A-9-281-A-1.

Executed at El Monte, California this 10th day of April 1996.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

**1995 AIR RESOURCES BOARD SUPPLEMENT DATA SHEET** E.O.# A-9-281-A-1 Page 1 of 1

**CHRYSLER CORPORATION** Engine Family: SCR24228G1EA

Pass. Car ___ (PC) Light-Duty Truck T2 (T1/T2) Medium-Duty Vehicle ___ (M1/M2/M3/M4/M5)

Stds Type: Tier 1 (Tier 0/1, AB965, TLEV, LEV, ULEV) Veh. Type (FFV, HEV(type A/B/C)): ___

Fuel Type: Unleaded Gasoline Evaporative Family: SCR1058AYM0N & XJ Model
SCR1128AYP1N ZJ Model

Engine Config. OHV I6 Liter (CID) 4.0 ( 242 )

Engine: Front XX Mid. ___ Rear ___ Drive: FWD ___ RWD XX 4WD-FT XX 4WD-PT XX

Exhaust ECS & Special Features (include CARB, MPI, etc.) TWC, H02S (SFI)
(use abbreviations per SAE 1930 MAY91)

| Engine Code/ (Cert. Std.) | Veh. Models (If Coded see Attachment) | Trans. Type: A-Auto M-Man. | Equiv. Test Weight | RLHP | Ign. System (PCME/PROM) Part No. | EGR System Part No. | Catalyst Part No. |
|---|---|---|---|---|---|---|---|
| CA-100 (.32/4.4/.7) (.40/5.5/NA) | ZJTL74 | A | 3875 | SEE ATTACHED | 56026964 56027718 | None | 52017718 |
| | ZJJL74 | | 4250 | | | | |
| CA-300 (.32/4.4/.7) (.40/5.5/NA) | XJJL74 | | 3750 | | 56026948 56027698 | | 52018141 |
| CA-500 (.32/4.4/.7) (.40/5.5/NA) | XJJL74 | | 3750 | | 56027696 | | |

**Revisions:**

A-9-281/SDS/FL

E.O. # A-9-281-A-1
Page 1 of 1

# 1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
## PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Engine Family: SCR24228G1EA

Evap Std: 50K____ Useful Life with R/L X Evap Engine Family: SCR1128AYP1N

Exh Std: Tier-0____ Tier-1 X TLEV____ LEV____ ULEV____ ZEV____ ; EPA Tier-0____ 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)

Exh Cert Fuel(s): Indo____ Ph2 X Diesel: 13 CCR 2282____ or 40 CFR 86.113-90____ or -94____
M85____ CNG____ LPG____ Other (specify) ____

Fuel Type(s): Dedicated X Flex-Fuel____ Dual-Fuel____ Gasoline X Diesel____ M85____
CNG____ LNG____ LPG____ Other (specify) ____

Hybrid: Type A____ B____ C____, APU Cycle (e.g., Otto, Diesel, Turbine) ____

Engine Configuration: I-6 Displacement: ____ / 4.0 Liters ____ / 242 Cubic Inches

Engine: Front X Mid____ Rear____ Drive: FWD____ RWD X 4WD-FT X 4WD-PT X

Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC, HO2S, SFI
(use abbreviations per SAE J1930 SEP91)

| Engine Code (also list CA/49ST/50ST) | Vehicle Models (if coded see attachment) | Trans. Type A-automatic M-manual | ETW or Test Wt. | DPA or RLHP | Ignition (ECM/PCM) Part No. | EGR System Part No. | Catalyst Converter Part No. |
|---|---|---|---|---|---|---|---|
| CA-150 (CA) | ZJTL74 / ZJJL74 | A | 4000 / 4250 | SEE ATTACHED | 56028030 56028031 | None | 52017718 |

Date Issued: 12/15/94 (RC028TC)

Revisions:

SDS4/master1.95/95-028TC

ATTACHMENT TO SDS PAGE 1
OF EXECUTIVE ORDER A-9-281-A-1

VEHICLE MODELS/CARLINE

| | |
|---|---|
| Engine/Evap: | SCR24228G1EA / SCR1128AYPIN & SCR1058AYM0N |
| Exhaust Control System: | TWC, HO2S, SFI |
| Evap. Control System: | Canister |
| Engine Displacement: | 4.0L |

| Carline | Model Code |
|---|---|
| Jeep Grand Cherokee | ZJJL74, ZJTL74 SCR1128AYPIN |
| Jeep Cherokee | XJJL74 SCR1058AYMON |

sde/misc2/wp4

1995

Chrysler Corporation

SCR24228Q1EA

FAMILY TIRE USAGE

| VEHICLE MODEL | ENGINE/ TRANS | WEIGHT TEST | LBS GVW | A C | TIRE DESCRIPTION USE | YR | CODE | TRD | MFG | COASTDOWN TIME SEC | *DYNO HP | TIRE F | PRES R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZJJL74 | ERH DGK 4A | 4250 | 5300 | Y | STD | 95 | TMD | TAD | TZA | 14.38 | 12.80 | 33 | 33 |
| | | | | | OPT | 95 | TME | TAD | TZA | 14.38 | 12.80 | 33 | 33 |
| | | | | | OPT | 95 | TRN | TAD | TZA | 13.71 | 12.70 | 33 | 33 |
| | | | | | OPT | 95 | TRT | TAD | TZA | 13.89 | 12.90 | 33 | 33 |
| | | | | | OPT | 95 | TRV | TAD | TZA | 13.32 | 12.70 | 33 | 33 |
| | | | | | OPT | 95 | TYR | TAD | TZA | 13.61 | 12.70 | 33 | 33 |
| ZJJL74 | ERH DGK 4B | 4250 | 5300 | Y | STD | 95 | TMD | TAD | TZA | 14.38 | 12.80 | 33 | 33 |
| | | | | | OPT | 95 | TME | TAD | TZA | 14.38 | 12.80 | 33 | 33 |
| | | | | | OPT | 95 | TRN | TAD | TZA | 13.71 | 12.70 | 33 | 33 |
| | | | | | OPT | 95 | TRT | TAD | TZA | 13.89 | 12.90 | 33 | 33 |
| | | | | | OPT | 95 | TRV | TAD | TZA | 13.32 | 12.70 | 33 | 33 |
| | | | | | OPT | 95 | TYR | TAD | TZA | 13.61 | 12.70 | 33 | 33 |
| ZJJL74 | ERH DGK 4W | 4250 | 5300 | Y | STD | 95 | TMD | TAD | TZA | 14.38 | 12.80 | 33 | 33 |
| | | | | | OPT | 95 | TME | TAD | TZA | 14.38 | 12.80 | 33 | 33 |
| | | | | | OPT | 95 | TRN | TAD | TZA | 13.71 | 12.70 | 33 | 33 |
| | | | | | OPT | 95 | TRT | TAD | TZA | 13.89 | 12.90 | 33 | 33 |
| | | | | | OPT | 95 | TYR | TAD | TZA | 13.61 | 12.70 | 33 | 33 |
| ZJTL74 | ERH DGK RW | 4000 | 4950 | Y | STD | 95 | TMD | TAD | TZA | 14.88 | 12.30 | 33 | 33 |
| | | | | | OPT | 95 | TME | TAD | TZA | 14.88 | 12.30 | 33 | 33 |
| | | | | | OPT | 95 | TRN | TAD | TZA | 13.99 | 12.20 | 33 | 33 |
| | | | | | OPT | 95 | TRT | TAD | TZA | 14.14 | 12.30 | 33 | 33 |
| | | | | | OPT | 95 | TRV | TAD | TZA | 13.51 | 12.20 | 33 | 33 |

REPORT DATE: 12/15/94
(RC028TC)

1995 Chrysler Corporation

SCR24228G1EA FAMILY TIRE USAGE

| VEHICLE MODEL | ENGINE/ TRANS | WEIGHT TEST | LBS GVW | A C | TIRE DESCRIPTION USE | YR | CODE | TRD | MFG | COASTDOWN TIME SEC | *DYNO HP | TIRE F | PRES R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| XJJL74 | ERH DGS 4A | 3750 | 4900 | Y | STD | 95 | TMD | TAD | TZH | 12.58 | 13.40 | 33 | 33 |
| | | | | | OPT | 95 | TRN | TAD | TZA | 11.89 | 14.10 | 33 | 33 |
| | | | | | OPT | 95 | TRV | TAD | TZA | 11.43 | 14.20 | 33 | 33 |
| XJJL74 | ERH DGS 4P | 3750 | 4900 | Y | STD | 95 | TRA | TAD | TZA | 11.42 | 13.50 | 33 | 33 |
| | ERH 4W | 3750 | 4900 | Y | STD | 95 | TMD | TAD | TZH | 12.58 | 13.40 | 33 | 33 |
| | | | | | OPT | 95 | TRN | TAD | TZA | 11.89 | 14.10 | 33 | 33 |
| | | | | | OPT | 95 | TRV | TAD | TZA | 11.43 | 14.20 | 33 | 33 |
| ZJJL74 | ERH DGK 4A | 4250 | 5300 | Y | STD | 95 | TMD | TAD | TZA | 14.38 | 12.80 | 33 | 33 |
| | | | | | OPT | 95 | TME | TAD | TZA | 14.38 | 12.80 | 33 | 33 |
| | | | | | OPT | 95 | TRN | TAD | TZA | 13.71 | 12.70 | 33 | 33 |
| | | | | | OPT | 95 | TRT | TAD | TZA | 13.89 | 12.90 | 33 | 33 |
| | | | | | OPT | 95 | TRV | TAD | TZA | 13.32 | 12.70 | 33 | 33 |
| | | | | | OPT | 95 | TYR | TAD | TZA | 13.61 | 12.70 | 33 | 33 |
| ZJJL74 | ERH DGK 4B | 4250 | 5300 | Y | STD | 95 | TMD | TAD | TZA | 14.38 | 12.80 | 33 | 33 |
| | | | | | OPT | 95 | TME | TAD | TZA | 14.38 | 12.80 | 33 | 33 |
| | | | | | OPT | 95 | TRN | TAD | TZA | 13.71 | 12.70 | 33 | 33 |
| | | | | | OPT | 95 | TRT | TAD | TZA | 13.89 | 12.90 | 33 | 33 |
| | | | | | OPT | 95 | TRV | TAD | TZA | 13.32 | 12.70 | 33 | 33 |
| | | | | | OPT | 95 | TYR | TAD | TZA | 13.61 | 12.70 | 33 | 33 |
| ZJJL74 | ERH DGK 4W | 4250 | 5300 | Y | STD | 95 | TMD | TAD | TZA | 14.38 | 12.80 | 33 | 33 |
| | | | | | OPT | 95 | TME | TAD | TZA | 14.38 | 12.80 | 33 | 33 |
| | | | | | OPT | 95 | TRN | TAD | TZA | 13.71 | 12.70 | 33 | 33 |
| | | | | | OPT | 95 | TRT | TAD | TZA | 13.89 | 12.90 | 33 | 33 |
| | | | | | OPT | 95 | TYR | TAD | TZA | 13.61 | 12.70 | 33 | 33 |
| ZJTL74 | ERH DGK RW | 3875 | 4950 | Y | STD | 95 | TMD | TAD | TZA | 14.44 | 12.30 | 33 | 33 |
| | | | | | OPT | 95 | TME | TAD | TZA | 14.44 | 12.30 | 33 | 33 |
| | | | | | OPT | 95 | TRN | TAD | TZA | 13.58 | 12.30 | 33 | 33 |
| | | | | | OPT | 95 | TRT | TAD | TZA | 13.72 | 12.40 | 33 | 33 |

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TP01 - 400 /

Report Date: 01/25/94
Time: 13:30:24

Attachment to SDS Page 1 of
Executive Order A-9-281-A-1