State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-331
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 Chrysler Corporation 1996 model-year exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: TCR488K8G1EK Displacement: 8.0 Liters (488 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converter
Dual Heated Oxygen Sensors
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:

| Test Weight (lbs.) | Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides |
|---|---|---|---|---|
| 8501-10000 | 50,000 | 0.46 | 5.5 | 1.3 |
| | 120,000 | 0.66 | 8.1 | 1.81 |

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

| Test Weight (lbs.) | Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides |
|---|---|---|---|---|
| 8501-10000 | 50,000 | 0.19 | 3.1 | 0.3 |
| | 120,000 | 0.25 | 3.8 | 0.43 |

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 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 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 31st day of August 1995.

John Kowalski for RBS

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-9-331
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# 1996 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
## PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: TCR488K8G1EK Evap Fam: TCR1073AYPOC

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___ Alt In Use X

Veh Class(es): PC____ LDT1____ LDT2____ MDV1____ MDV2____ MDV3____ MDV4 X 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 X Std____ Equiv____ R/L Test Proce: SHED____ Pt Source____

Hybrid: Type A___ B___ C___, APU Cycle (e.g., Otto, Diesel, Turbine)____

Engine Configuration: V-10 Displacement: 8.0 Liters 488 Cubic Inches

Valves per Cylinder: 2 Rated HP: 300 @ 4000 RPM

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

Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC, HO2S(2), SFI, 2HO2S
(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) | BR8L32 | A4 | 8500 | SEE ATTACHED | 56040799 | -- | 52103201 |
| | BR8C63<br>BR8C64<br>BR3C63<br>BR3C64 | | 9000 | | | | |
| CM-100 (CA) | BR8L32 | M5 | 8500 | | 56040797 | -- | 52103201 |
| | BR8C63<br>BR8C64<br>BR3C63<br>BR3C64 | | 9000 | | | | |

Date Issued: 8/1/95
Revisions: 8/24/95

TK02-SDS/96

Attachment of SDS, Pg.1 of 3.
of Executive Order A-9-331

TCR488K8G1EK

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BR3C63 | EWA DDX RW | 8000 | 11000 | Y | STD | 96 | TV1 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| | | | | | OPT | 96 | TV2 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| | | | | | OPT | 96 | TV3 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| | | | | | OPT | 96 | TV8 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| BR3C63 | EWA DGP RW | 8000 | 11000 | Y | STD | 96 | TV1 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| | | | | | OPT | 96 | TV2 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| | | | | | OPT | 96 | TV3 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| | | | | | OPT | 96 | TV8 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| BR3C64 | EWA DDX RW | 8000 | 11000 | Y | STD | 96 | TV1 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| | | | | | OPT | 96 | TV2 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| | | | | | OPT | 96 | TV3 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| | | | | | OPT | 96 | TV8 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| BR3C64 | EWA DGP RW | 8000 | 11000 | Y | STD | 96 | TV1 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| | | | | | OPT | 96 | TV2 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| | | | | | OPT | 96 | TV3 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| | | | | | OPT | 96 | TV8 | TAD | TZA | 0.00 | 48.00 | 50 | 40 |
| BR8C63 | EWA DDX 4W | 8000 | 11000 | Y | STD | 96 | TV1 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| | | | | | OPT | 96 | TV2 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| | | | | | OPT | 96 | TV3 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| | | | | | OPT | 96 | TV8 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| BR8C63 | EWA DGP 4W | 8000 | 11000 | Y | STD | 96 | TV1 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| | | | | | OPT | 96 | TV2 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| | | | | | OPT | 96 | TV3 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| | | | | | OPT | 96 | TV8 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| BR8C64 | EWA DDX 4W | 8000 | 11000 | Y | STD | 96 | TV1 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| | | | | | OPT | 96 | TV2 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| | | | | | OPT | 96 | TV3 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| | | | | | OPT | 96 | TV8 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| BR8C64 | EWA DGP 4W | 8000 | 11000 | Y | STD | 96 | TV1 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| | | | | | OPT | 96 | TV2 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| | | | | | OPT | 96 | TV3 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| | | | | | OPT | 96 | TV8 | TAD | TZA | 0.00 | 48.00 | 60 | 40 |
| BR8L32 | EWA DDX 4W | 7000 | 11000 | Y | STD | 96 | TV1 | TAD | TZA | 13.77 | 21.80 | 60 | 40 |
| | | | | | OPT | 96 | TV2 | TAD | TZA | 13.77 | 21.80 | 60 | 40 |
| | | | | | OPT | 96 | TV3 | TAD | TZA | 13.77 | 21.80 | 60 | 40 |
| | | | | | OPT | 96 | TV8 | TAD | TZA | 13.77 | 21.80 | 60 | 40 |
| BR8L32 | EWA DGP 4W | 6500 | 11000 | Y | STD | 96 | TV1 | TAD | TZA | 12.48 | 21.80 | 60 | 40 |
| | | | | | OPT | 96 | TV2 | TAD | TZA | 12.48 | 21.80 | 60 | 40 |
| | | | | | OPT | 96 | TV3 | TAD | TZA | 12.48 | 21.80 | 60 | 40 |
| | | | | | OPT | 96 | TV8 | TAD | TZA | 12.48 | 21.80 | 60 | 40 |

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TK02 - 400 /

Report Date: 06/29/95
Time: 09:33:49

Chrysler Corporation
FAMILY TIRE DESCRIPTION

| TIRE DESCRIPTION YR | COD | TRD | MFG | NAME | SIZE | RPM | CONSTRUCTION COD | TREAD MATERIAL | PLY | SW | SIDEWALL MATERIAL | PLY | OVERLAY MATERIAL | PLY | TREAD DEPTH (IN.) X 1/32 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96 | TV1 | TAD | TZA | WRANGLER RT/S (A/S) | LT215/85R16-E | 684 | SBR | 2-STEEL/2-POLYESTER | 4 | BSW | Polyester | 2 | None | | 14 |
| 96 | TV2 | TAD | TZA | WRANGLER (A/T) | LT215/85R16-E | 681 | SBR | 2-STEEL/2-POLYESTER | 4 | BSW | Polyester | 2 | None | | 16 |
| 96 | TV3 | TAD | TZA | WRANGLER RT/S (A/S) | LT215/85R16-E | 684 | SBR | 2-STEEL/2-POLYESTER | 4 | OWL | Polyester | 2 | None | | 14 |
| 96 | TV8 | TAD | TZA | WRANGLER (A/T) | LT215/85R16-E | 681 | SBR | 2-STEEL/2-POLYESTER | 4 | OWL | Polyester | 2 | None | | 16 |

Attachment of SDS, Pg.2 of 3
of Executive Order A-9-331



Report Date: 06/29/95
Time: 09:33:49

# MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: TCR488K8G1EK
Evaporative Fam: TCR1073AYPOC

Certificate #:

| Model ID | Car Line | California Sales |
|---|---|---|
| BR3C63 | Ram 3500 Cab Chassis 2WD HDV | YES |
| BR3C64 | Ram 3500 Cab Chassis 2WD HDV | YES |
| BR8C63 | Ram 3500 Cab Chassis 4WD HDV | YES |
| BR8C64 | Ram 3500 Cab Chassis 4WD HDV | YES |
| BR8L32 | Ram 3500 Pickup 4WD HDV | YES |

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Model Codes
BR 2 L  62
|  | |  |
|  | |  --- 1st digit:     2nd digit:
|  | |      3=Club Cab     1=119" or 139" wb
|  | |      6=Regular Cab  2=135" or 155" wb
|  | |                     3=139" wb Chassis Cab
|  | |                     4=163" wb Chassis Cab
|  | |
|  | ------ Price Class
|  |        L=Covers all trim levels
|  |        C=Chassis Cab
|  |
|  -------- Model:
|           1=1500   6=1500 4X4
|           2=2500   7=2500 4X4
|           3=3500   8=3500 4X4
|
---------- Body Code:
           Ram Pickup
           Ram Club Cab
           Ram Chassis Cab
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