

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-471
Relating to Certification of New Motor Vehicles

DAIMLERCHRYSLER 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 2000 model-year DaimlerChrysler Corporation exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: YCRXA0360H11 Displacement: 5.2 Liters (318 Cubic Inches)
5.9 Liters (360 Cubic Inches)

Exhaust Emission Control Systems & 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>Test 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 |
| | 120,000 | 0.46 | 6.4 | 0.98 | n/a |

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

| <u>Test 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 | 0.15 | 2.3 | 0.3 | 7.1 |
| | 120,000 | 0.18 | 2.8 | 0.42 | 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 medium-duty vehicle phase-in 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" (Title 13, California Code of Regulations, Section 1960.1(h)(2)).

BE IT FURTHER RESOLVED: That under the submitted medium-duty vehicle phase-in compliance plan, if the manufacturer incurs "Vehicle Equivalent Debits" for the aforementioned model year due to the manufacturer's failure to produce and deliver for sale in California the equivalent quantity of medium-duty vehicles certified to low-emission vehicle and/or ultra-low-emission vehicle exhaust emission standards required by the above-referenced standards and test procedures, all "Vehicle Equivalent Debits" incurred 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 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)(6.2) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

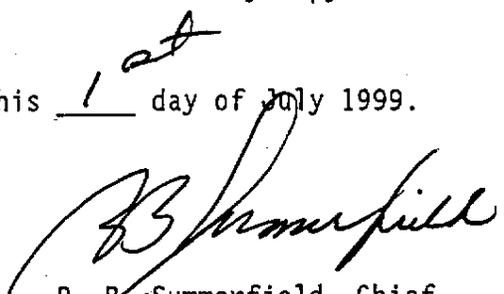
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

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.).

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 1st day of July 1999.


R. B. Summerfield, Chief
Mobile Source Operations Division

2000 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: DaimlerChrysler Exh Eng Fam: YCRXA0360H11 Evap Fam: YCRXE0174G3H, G4H
 All Eng Codes in Eng Fam: CA X 49S 50S AB965 ORVR: YES NO X
 Exh Std: CA Tier-1 X TLEV LEV ULEV SULEV US: EPA Tier-1 X NLEV
 Veh Class(es): PC LDT1 LDT2 MDV1 MDV2 X 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 E85 Other(specify)
 Emis Test Fuel(s): Indo CBG X CNG LPG M85 E85 Other(specify)
 Diesel: 13 CCR 2282 40 CFR 86.113-90 40 CFR 86.113-94
 Evaporative Emission Test Procedure: California Federal X
 Service Accum: Std AMA Mod AMA Mfr ADP X Other(specify)
 NMOG Test Procedure: N/A X Std Equiv R/L Test Proc: SHED Pt Source X
 Engine Configuration: V-8 Displacement 5.2 / 5.9 Liters 318 / 360 Cubic Inches
 Valves per Cylinder: 2 Rated Horsepower: 230 / 245 @ 4400 / 4000 RPM
 Engine: Front X Rear Drive: FWD RWD X 4WD-FT X 4WD-PT
 Exhaust ECS (eg. EGR, MFI, TC, CAC): HO2S(2), TWC, SFI, I
 (use abbreviations per SAE J1930 JUN93)

| 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 | AB1L11 AB1L12 AB1L13 AB1L51 AB1X11 AB1X12 | A4 | 5500 | S E E A T T A C H M E N T | 56040391AB | -- | 52103347AD | |
| CA-200 CA | AB1L12 AB1L13 AB1X12 | A4 | 5500 | | 56040404AB | | | |
| CM-100 | BR6E61 BR6L62 | M5 | 5500 | | 56040367AB | | | 52103345AA |
| CM-200 | BE1L31 BE1L32 BE1L33 BR1L61 BR1L62 | M5 | 5500 | | | | | |

* Reflects ALVW Wts
 Date Issued: 06/07/99
 Revisions: _____
 TJ04-2000MY SDS .doc

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: YCRXA0360H11
Evaporative Fam: YCRXE0174G3H

Certificate #:

| | | |
|----------|---------------------|------------------|
| Model ID | Car Line | California Sales |
| BE1L31 | Ram 1500 Pickup 2WD | YES |
| BE1L33 | Ram 1500 Pickup 2WD | YES |
| BR1L61 | Ram 1500 Pickup 2WD | YES |
| BR6L61 | Ram 1500 Pickup 4WD | YES |

Model Codes
BE B L 34

-- 1st digit: 3=Club Cab
2=139" Wb W/2 Doors
3=139" Wb W/4 Doors
4=155" Wb W/4 Doors

----- Price Class
L=Covers all trim levels

----- Model:
1=1500 6=1500 4X4
2=2500 7=2500 4X4
3=3500 8=3500 4X4

----- Body Code:
Ram Club Cab

Model Codes
BR 2 L 62

-- 1st digit: 6=Regular Cab
2=135" or 155" Wb
3=139" Wb Chassis Cab
4=163" Wb Chassis Cab
5=135" Wb Chassis Cab

----- Price Class
L=Covers all trim levels

----- 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

Report Date: 06/05/99

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER
Engine Family: YCRXA0360H11
Evaporative Fam: YCRXE0174G4H

Certificate #:

| Model ID | Car Line | California Sales |
|----------|---------------------|------------------|
| BE1L32 | Ram 1500 Pickup 2WD | YES |
| BR1L62 | Ram 1500 Pickup 2WD | YES |
| BR6L62 | Ram 1500 Pickup 4WD | YES |
| AB1L12 | Ram Van 1500 2WD | YES |
| AB1L13 | Ram Van 1500 2WD | YES |
| AB1X12 | Ram Van 1500 2WD | YES |
| AB1L11 | Ram Van 1500 2WD | YES |
| AB1X11 | Ram Van 1500 2WD | YES |
| AB1L51 | Ram Wagon 1500 2WD | YES |

| Model Codes | Model Codes | Model Codes |
|---------------------------|--------------------------------|---------------------------------|
| AB 1 L 11 | BE 8 L 34 | BR 2 L 62 |
| 1st digit: 2nd digit: | 1st digit: 2nd digit: | 1st digit: 2nd digit: |
| 1=Van 1=109.6" wb | 1=Club Cab 1=139" wb w/2 Doors | 6=Regular Cab 1=119" or 139" wb |
| 5=Wagon 2=127.6" wb | 3=Club Cab 2=155" wb w/2 Doors | 2=135" or 155" wb |
| 3=127.6" maxi wb | 4=155" wb w/4 Doors | 3=139" wb Chassis Cab |
| Price Class | Price Class | 4=163" wb Chassis Cab |
| L=Low line | L=Covers all trim levels | 5=135" wb Chassis Cab |
| X=Premium | | |
| Model: | Model: | Model: |
| 1=B1500 1=1500 6=1500 4X4 | 1=1500 6=1500 4X4 | 1=1500 6=1500 4X4 |
| 2=B2500 2=2500 7=2500 4X4 | 2=2500 7=2500 4X4 | 2=2500 7=2500 4X4 |
| 3=B3500 3=3500 8=3500 4X4 | 3=3500 8=3500 4X4 | 3=3500 8=3500 4X4 |
| Body Code: | Body Code: | Body Code: |
| Vans | Ram Club Cab | Ram Pickup |
| Wagons | | Ram Club Cab |
| | | Ram Chassis Cab |