State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-436

Relating to Certification of New Medium-Duty Motor Vehicles and Engines

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following 1999 model-year Chysler Corporation motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) of 8,501 to 14,000 pounds are certified using the diesel-cycle engines listed below:

Fuel Type: Diesel

| Engine Manfacturer | Engine Family | Engine Displacement Liters (Cubic Inches) | | Engine Model Year and Certification Executive Order No | |
|---|---|---|---|---|---|
| Cummins Engine Company, Inc. | WCEXA0359BAH | 5.9 | (359) | 1998 | A-21-195 |

Engine models and codes are listed on attachments.

The certification exhaust emission standards for this engine family in grams per brake horsepower-hour are:

| Non-Methane Hydrocarbons + Nitrogen Oxides | Carbon Monoxide | Particulates |
|---|---|---|
| 3.9 | 14.4 | 0.10 |

The certification exhaust emission values for this engine family in grams per brake horsepower-hour are:

| Non-Methane Hydrocarbons + Nitrogen Oxides | Carbon Monoxide | Particulates |
|---|---|---|
| 3.8 | 0.9 | 0.10 |

BE IT FURTHER RESOLVED: That, the listed engine models are certified to the optional standards and test procedures applicable to incomplete and diesel medium-duty vehicles of 8,501 to 14,000 pounds GVWR pursuant to Title 13, California Code of Regulations, Section 1956.8(g).

BE IT FURTHER RESOLVED: That the listed engine models and vehicle models shall be subject to the in-use compliance provision applicable to 1995 and subsequent model-year medium-duty vehicles, set forth in Title 13, California Code of Regulations, Section 2139(c).

BE IT FURTHER RESOLVED: That the listed engine models and 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 the listed engine models and vehicle models complies 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 for the aforementioned model year.

BE IT FURTHER RESOLVED: That, for the listed engine models and vehicle models, the manufacturer has submitted 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.).

Vehicle 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 attachments.

Executed at El Monte, California this 15th day of July 1998.

R. B. Summerfield, Chief
Mobile Source Operations Division

# 1999 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
## PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: WCEXA0359BAH Evap Fam: N/A

All Eng Codes in Eng Fam: CA X 49S ____ 50S ____ AB965 ____

Exh Std: CA MDV X TLEV ____ LEV ____ ULEV ____ ZEV ____; US EPA Tier-1 ____

Evap Std: 50K N/A Useful Life with R/L ____ In-Use Exh Std: Full In Use ____ Alt In Use ____

Veh Class(es): PC ____ LDT1 ____ LDT2 ____ MDV1 ____ MDV2 ____ MDV3 ____ MDV4 X MDV5 X

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 ____ Diesel X
CNG ____ LNG ____ LPG ____ M85 ____ Other (specify) ____

Emis Test Fuel(s): Indo ____ Ph2 ____ CNG ____ LPG ____ M85 ____ Other(specify) ____
Diesel: 13 CCR 2282 X or 40 CFR 86.113-90 ____ or 40 CFR 86.113-94 ____

Service Accum: Std AMA ____ Mod AMA ____ Mfr ADP ____ Other (Specify) Dynamometer

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: I-6 Displacement: 5.9 Liters 359 Cubic Inches

Valves per Cylinder: 4 Rated HP: 235/215 @ 2700 RPM

Engine: Front X Mid ____ Rear ____ Drive: FWD ____ RWD X 4WD-FT ____ 4WD-PT X

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

| Engine Code (also list CA/49ST/50ST) | Vehicle Models (if coded see attachment) | Trans. Type M6 A4 | ETW or Test Weight* | DPA or RLHP | Ignition (ECM/PCM) Part No. | EGR System Part No. | Catalyst Converter Part No. |
|---|---|---|---|---|---|---|---|
| CPL2279 (CA) | Dodge Ram 2500 Pickup, 2WD and 4WD<br>Dodge Ram 3500 Pickup, 2WD and 4WD<br>Dodge Ram 2500 Cab Chassis, 2WD and 4WD<br>Dodge Ram 3500 Cab Chassis, 2WD and 4WD | M5 | N/A | N/A | 3942336 (Certified by Cummins) | N/A | N/A |

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1999 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES
(cont'd.)

Manufacturer: Chrysler Corporation Exh Eng Fam: WCFXA0359BAH Evap Fam: N/A

| Engine Code (also list CA/49ST/50ST) | Vehicle Models (if coded see attachment) | Trans. Type M5 A4 | EIW or Test Weight* | DPA or RLHP | Ignition (ECM/PCM) Part No. | EGR System Part No. | Catalyst Converter Part No. |
|---|---|---|---|---|---|---|---|
| CPL2280 (CA) | Dodge Ram 2500 Pickup, 2WD and 4WD<br><br>Dodge Ram 3500 Pickup, 2WD and 4WD<br><br>Dodge Ram 2500 Cab Chassis, 2WD and 4WD<br><br>Dodge Ram 3500 Cab Chassis, 2WD and 4WD | A4 | N/A | N/A | 3942336 (Certified by Cummins) | N/A | N/A |

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