

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-402

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 1998 model-year Chrysler 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

| <u>Engine Manufacturer</u> | <u>Engine Family</u> | <u>Engine Displacement Liters (Cubic Inches)</u> | | <u>Engine Model Year and Certification Executive Order No</u> |
|------------------------------|----------------------|--|-------|---|
| Cummins Engine Company, Inc. | WCXA0359BAH | 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:

| <u>Non-Methane Hydrocarbons + Nitrogen Oxides</u> | <u>Carbon Monoxide</u> | <u>Particulates</u> |
|---|----------------------------|---------------------|
| 3.9 | 14.4 | 0.10 |

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

| <u>Engine Family</u> | <u>Non-Methane Hydrocarbons + Nitrogen Oxides</u> | <u>Carbon Monoxide</u> | <u>Particulates</u> |
|----------------------|---|----------------------------|---------------------|
| WCXA0359BAH | 3.8 | 0.8 | 0.09 |

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).

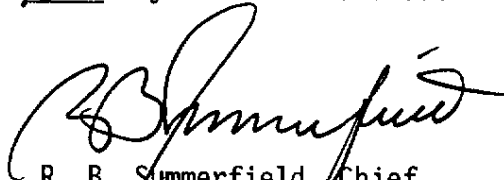
BE IT FURTHER RESOLVED: That the listed engine models and vehicle models complies with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(2.0) 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 10th day of December 1997.



R. B. Summerfield, Chief
Mobile Source Operations Division

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
 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 X 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 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 M5 A4 | ETW or Test Weight* | DPA or RLHP | Ignition (ECM/PCM) Part No. | EGR System Part No. | Catalyst Converter Part No. |
|--|--|-------------------------|---------------------------|-------------------|-----------------------------------|---------------------------|-----------------------------------|
| CPL2279 (CA) | BR2L62 BR2L65 BR7L62 BR7L65 BR3L62 BR3L63 BR3L64 BR8L62 BR8L63 BR8L64 BE2L31 BE2L32 BE2L33 BE2L34 BE3L34 BE7L31 BE7L32 BE7L33 BE7L34 BE8L34 | M5 | N/A | N/A | Certified by Cummins | N/A | N/A |

Date Issued: 11/25/97

Comments: _____

1998 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 2 of 2
 PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES
 (cont'd.)

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

| Engine Code (also list CA/49ST/50ST) | Vehicle Models (if coded see attachment) | Trans. Type M5 A4 | ETW or Test Weight* | DPA or RLHP | Ignition (ECM/PCM) Part No. | EGR System Part No. | Catalyst Converter Part No. |
|--|--|-------------------------|---------------------------|-------------------|-----------------------------------|---------------------------|-----------------------------------|
| CPL2280 (CA) | BR2L62 BR2L65 BR7L62 BR7L65 BR3L62 BR3L63 BR3L64 BR8L62 BR8L63 BR8L64 BE2L31 BE2L32 BE2L33 BE2L34 BE3L34 BE7L31 BE7L32 BE7L33 BE7L34 BE8L34 | A4 | N/A | N/A | Certified by Cummins | N/A | N/A |

dated: 11/25/97

Revisions: _____