

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-65
Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Chrysler Corporation exhaust emission control systems are certified as described below for 1979 model-year gasoline-powered light duty trucks:

| <u>Engine Family</u> | <u>Displacement Cubic Inches</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|--------------------------------------|--|
| 9TD-318-4-BP | 318 | Air Injection Exhaust Gas Recirculation Oxidation Catalyst |

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

| <u>Engine Family</u> | <u>Inertia Weight Class</u> | <u>Hydrocarbons Grams per Mile</u> | <u>Carbon Monoxide Grams per Mile</u> | <u>Nitrogen Oxides Grams per Mile</u> |
|----------------------|-------------------------------------|--|---|---|
| 9TD-318-4-BP | 4000- 6000 | 0.49 | 8.2 | 2.0 |

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

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" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

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Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 15 day of August, 1978.



G. C. Hass, Chief
Vehicle Emissions Control Division

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Engine Family 9TD-318-4-BP Engine (CID) 318

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EI-Electronic Ignition
 ESAC
 VA-Vacuum Advance
 VR-Vacuum Retard

Exhaust Emissions Control System

AI-Air Injection
 CCAV-Comb. Chamber Air Valve
 EFI-Electronic Fuel Injection
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification

OC-Oxidation Catalyst
 PAI-Pulse Air Injection
 TC-Turbo Charged
 TR-Thermal Reactor
 TWC-Three Way Catalyst
 (Feedback Control)
 WOC-Warm-up Oxidation
 Catalyst

Fuel System

EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

ESAC-Electronic Spark Advance
 Control
 MFI-Mechanical Fuel Injection

Model

Make/Type

| | |
|-----------|--|
| B1 Van | Dodge Van Dodge Street Van Dodge Royal Van |
| B1 Wagon | Dodge Sportsman Dodge Custom Sportsman Dodge Royal Sportsman Dodge Royal Sportsman S.E. |
| D1 Conv. | Dodge Custom Dodge Adventurer Dodge Adventurer S.E. |
| PB1 Wagon | Plymouth Voyager Plymouth Voyager Custom Plymouth Sport Plymouth Sport Premium |

Evaporative Emission Control Families: 9K-4, 9K-8, 9K-12

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E.O. #A 9 - 65

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles

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Engine Family 9TD-318-4-BP

Engine (CID) 318

Engine

Code -

Emission Control System AI-EGR-OC

+ 10% (A/C)

Yes No x

| Eng. Code | Vehicle Models (If Coded see attachment) | Trans. | Inertia Weight Class (Axle Ratio)* | Ign. Sys. CA,VA,EI Distributor Part No. | Fuel System 4V Part No. | EGR Valve Part No. | Tune-up Specification |
|--------------------------|--|--------|------------------------------------|---|-------------------------|--------------------|---|
| A-C-1 | B1 Van D1 Conv. | A-3 | 4000 (2.94) | 4111487 | 4173331 | 4104031 4105031 | (1) 6+2° BTC w/ vac. adv. disconnected. (2) Propane Gain Enriched idle: 860 rpm. See service manual. |
| | B1 Wagon PB1 Wagon | | 4500 (2.94) | | | | |
| A-C-2 ** | | | | | | | Alternate Method 0.3+1.7% CO -0.3 See service manual. |
| A-C-3 ⁺ | B1 Van D1 Conv. | | 4000 | | 4173361 ⁺ | | (3) Curb idle: 750+100 rpm |
| | B1 Wagon PB1 Wagon | | 4500 | | | | |
| A-C-4 ⁺ ** | | | | | | | |

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

*Axle ratio is that of medium duty certification vehicle.

** with TIDC - models with dual air conditioning only.

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⁺2-5-79 R.C.# 10T (1-22-79)