

Ed. [unclear]

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-68
Relating to Certification of New Motor Vehicle 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-45-3;

IT IS ORDERED AND RESOLVED: That the following Chrysler Corporation 1979 model-year gasoline engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

| <u>Engine Family</u> | <u>Displacement Cubic Inches</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|--------------------------------------|--|
| LA-1 | 360 | Air Injection, Exhaust Gas Recirculation |
| RBM | 440 | Exhaust Gas Recirculation |

Engine Models and Codes as listed on attachments.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

| <u>Engine Family</u> | <u>Hydrocarbons gm/bhp-hr</u> | <u>Carbon Monoxide gm/bhp-hr</u> | <u>Nitrogen Oxides gm/bhp-hr</u> |
|--------------------------|-----------------------------------|--|--|
| LA-1 | 0.8 | 19 | 6.9 |
| RBM | 0.5 | 11 | 7.3 |

Engines 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 12th day of July, 1978.

G. C. Hass by [Signature]
G. C. Hass, Chief
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Chrysler Corporation Page 1
 Engine Family LA-1 Engine (CID) 360 Calibration -
 Emission Control System Air Injection, Exhaust Gas Recirculation

| Engine Models | Ign. Sys. | Fuel System | EGR Valve Part No. | Tune-up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|---------------------|-----------|----------------|--------------------|--|
| 360-1 (CA1-2) | 4091661 | 4173325 (2V) | 4104026 4105026 | (1) TDC+2° at idle with vac. adv. disconnected. (2) <u>Propane Gain- Enriched idle:</u> 810 rpm. See service manual. <u>Alternate Method- 1% CO.</u> See service manual. (3) Curb Idle: 700+100 rpm in neut. |
| 360-1 (CA1-3) | | 4173302 (4V) | 4104090 4105090 | (1) 4+2° BTC at idle with vac. adv. disconnected. (2) <u>Propane Gain- Enriched idle:</u> 800 rpm. See service manual. <u>Alternate Method- 1% CO.</u> See service manual. (3) Curb idle: 700+100 rpm in neut. |
| 360-1* (CA1-4) | | 4173367 (4V)* | | |
| 360-1*** (CA1-5) | | 5214816 (4V)** | 4104104*** | |
| 360-3 (CA3-1) | | 4173304 (4V) | 4104108 4105108 | (1) 4+2° BTC with vac. adv. discon. (2) <u>Propane Gain- Enriched idle:</u> 820 rpm. See service manual. <u>Alternate Method- 1% CO.</u> See service manual. (3) Curb Idle: 700+100 rpm in neut. |
| 360-3* (CA3-2) | | 4173366 (4V)* | | |
| 360-3** (CA3-3) | | 5214816 (4V)** | 4104090** | |

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*12-4-78 R.C.# 9007 (11-14-78)

**1-26-79 R.C.# 9008 (12-8-78)

***2-8-79 R.C.# 9009 (12-20-78)

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Chrysler Corporation Page 2
 Engine Family RBM Engine (CID) 440 Calibration -
 Emission Control System Exhaust Gas Recirculation

| Engine Models (code) | Ign. Sys. Distributor | Fuel System 4V Carburetor | EGR Valve Part No. | Tune-up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed |
|--|--------------------------|------------------------------|------------------------------------|--|
| 440-1 (CB1-1) 440-3 (CB3-1) (CB3-3)* | 3874887 | 4173306 4173345* | 4104059 4105059 4104062* | (1) $8^{\circ} \pm 2^{\circ}$ BTDC at idle with vac. adv. disconnected. (2) <u>Propane Gain - Enriched idle:</u> 790 rpm. See service manual. <u>Alternate Method:</u> 0.5% CO See service manual. (3) Curb Idle: 700 ± 100 rpm in neutral. |

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