

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-49
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 Chrysler Corporation 1978 model-year gasoline-powered engines in heavy-duty motor vehicles with manufacturer's gross vehicle weight rating greater than 8500 pounds are certified for the engine families, codes and models described below:

<u>Families</u>	<u>Engine Size (CID)</u>	<u>Engine Model</u>	<u>Exhaust Emission Control System</u>
LA-1	360	360-1 360-3	Engine modifications, exhaust gas recirculation, air injection
RBM	440	440-1 440-3	Engine modifications, exhaust gas recirculation

Models and Engine Codes as listed in attachment.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following recommended values:

<u>Engine Family</u>	<u>HC + NOx gm/bhp-hr</u>	<u>CO gm/bhp-hr</u>	<u>HC gm/bhp-hr</u>	<u>NOx gm/bhp-hr</u>
LA-1		17	0.4	5.8
RBM		11	0.5	7.3

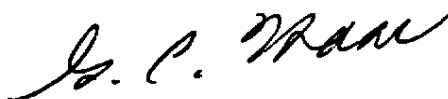
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Engines certified under this Executive Order must conform to all applicable California emission regulations.

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 9 day of August, 1977.



G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY GASOLINE ENGINES

Manufacturer Chrysler Corporation Executive Order No. 9-49 Page 1

Engine Family LA-1 Engine (CID) 360 Calibration

Emission Control System AI, EM, EGR

Engine Models (Codes)	Distributor Type Mfgr. Part No.	Fuel System Type Mfgr. Part No.	EGR System Part No. Service*	Tune-Up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed
360-1 (C-360-1,B)	Chrysler 4091661	Holley 4095421 (Automatic)	3870610 3870611	(1) TDC W/V disconnected at distributor.
360-3 (C-360-3, A,B,C)	Chrysler 3656672	Holley 4095422 (manual & automatic)	I at 12,000 mile interval.	(2) 1.0% CO @ tailpipe W/AI disconnected and plugged diverter valve outlet hose. (3) 700 RPM neutral.

Comments

Date of Issue 080877

Abbreviation

Distributor

C-Centrifugal Advance

V-Vacuum Advance

VR-Vacuum Retard

EI-Electronic Ignition

Exhaust Emission Control System

AI-Air Injection

EGR-Exhaust Gas Recirculation

EM-Engine Modification

OC-Oxidation Catalyst

*Service

I-Inspect, repair, replace
as needed

R-Replace

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY GASOLINE ENGINES

Manufacturer Chrysler Corporation Executive Order No. 9-49 Page 2Engine Family RBM Engine (CID) 440 Calibration Emission Control System EM, EGR

Engine Models (Codes)	Distributor Type Mfgr. Part No.	Fuel System Type Mfgr. Part No.	EGR System Part No. Service*	Tune-Up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed
440-1 (C440-1) 440-3 (C440-3)	Chrysler 3874887	Carter 4095407 4095441 (Manual & automatic)	3698886 I @ 12,000 mile interval	(1) 8° BTDC disconnected and plugged @ distributor. (2) 0.5% CO @ tailpipe. (3) 700 RPM in neutral.

Comments

Date of Issue 080877

Abbreviation

Distributor

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