

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-45  
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 1977 model-year gasoline-powered engines in heavy-duty motor vehicles are certified for the engine families described below:

<u>Family</u>	<u>Engine Size CID</u>	<u>Engine Model</u>	<u>Exhaust Emission Control System</u>
LA-C	318	318-1	Engine modifications, exhaust gas recirculation, oxidation catalyst
LA-1	360	360-1, 360-3	Air injection, exhaust gas recirculation, engine modifications
RBM	440	440-1, 440-3	Engine modifications, exhaust gas recirculation

Section 43200, Part I, 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 following are the recommended values to be listed on the decal:

<u>Engine Family</u>	<u>HC + NO<sub>2</sub> gm/bhp-hr</u>	<u>CO gm/bhp-hr</u>	<u>HC gm/bhp-hr</u>	<u>NO<sub>2</sub> gm/bhp-hr</u>
LA-C		4	0.8	4.6
LA-1		9	0.5	5.8
RBM		11	0.5	7.3

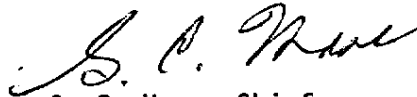
CHRYSLER CORPORATION

EXECUTIVE ORDER A-9-45

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 6 day of August, 1976.



G. C. Hass, Chief  
Division of Vehicle Emissions Control

## 1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY GASOLINE ENGINES

Manufacturer Chrysler Corporation Executive Order No. A-9-45 Page 1Engine Family LA-C Engine (CID) 318 Calibration \_\_\_\_\_Emission Control System EM, EGR, OC

Engine Models	Distributor Type: C+V,EI Mfgr. Part No.	Fuel System Type: 2V Mfgr. Part No.	EGR System Part No. Service*	Tune-Up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed
318-1	Chrysler 4091282	Carter 4041555 (Automatic & Manual)	3769665 3870629 I@ 12,000 mile /375 hour inter- vals	(1) TDC W/V disconnected & plugged @ distributor  (2) 0.5% CO @ upstream catalyst tap  (3) 700 RPM in neutral
Comments				
Date of Issue				

AbbreviationDistributor

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

\*ServiceI-Inspect, repair, replace  
as needed

R-Replace

## 1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY GASOLINE ENGINES

Manufacturer Chrysler Corporation Executive Order No. A-9-45 Page 2Engine Family LA-1 Engine (CID) 360 Calibration Emission Control System AI, EM, EGR

Engine Models	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	Chrysler 3755201  Chrysler 4091661 (R.C. 7019)	Carter 4041557 (Automatic)  Holley 4095431 (Automatic) (R.C. 7019)	3870610 3870611 I@ 12,000 mile/375 hour intervals	(1) TDC W/V disconnected & plugged @ distributor  (2) 1.0% CO @ tailpipe W/AI disconnected & plugged diverter valve outlet hose.  (3) 700 RPM in neutral
360-3	Chrysler 3656672	Carter 4041558 (Automatic & Manual)		

Comments

Date of Issue

Rev. by R.C. 7019 April 28, 1977.

AbbreviationDistributor

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

\*ServiceI-Inspect, repair, replace  
as needed

R-Replace

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY GASOLINE ENGINES

Manufacturer Chrysler Corporation Executive Order No A-9-45 Page 3  
 Engine Family RBM Engine (CID) 440 Calibration \_\_\_\_\_  
 Emission Control System EM, EGR

Engine Models	Distributor Type: C+V,EI Mfgr. Part No.	Fuel System Type: 4V Mfgr. Part No.	EGR System Part No. Service*	Tune-Up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed
440-1, 440-3	Chrysler 3874887	Carter 4041553 (Automatic & Manual)	3698886 I@ 12,000 mile/375 hour intervals	(1) 8° BTDC w/V disconnected & plugged @ distributor (2) 0.5% CO @ tailpipe (3) 700 RPM in neutral
Comments				
Date of Issue				

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

## 1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY GASOLINE ENGINES

Manufacturer Chrysler Corporation Executive Order No. A-9-45 Page 2Engine Family LA-1 Engine (CID) 360 Calibration \_\_\_\_\_Emission Control System AI, EM, EGR

Engine Models	Distributor Type: C+V,EI  Mfgr. Part No.	Fuel System Type: 2V  Mfgr. Part No.	EGR System  Part No. Service*	Tune-Up Specifications  (1) Basic Timing (2) Idle Mixture (3) Idle Speed
360-1	Chrysler 3755201	Carter 4041557 (Automatic)	3870610 3870611 I@ 12,000 mile/375 hour intervals	(1) TDC W/V disconnected & plugged @ distributor  (2) 1.0% CO @ tailpipe W/AI disconnected & plugged diverter valve outlet hose.  (3) 700 RPM in neutral
360-3	Chrysler 3656672	Carter 4041558 (Automatic & Manual)		
Comments				
Date of Issue				

## 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

\*ServiceI-Inspect, repair, replace  
as needed

R-Replace