

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-28
Relating to Certification of New Motor Vehicle Engines

AMERICAN MOTORS 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 American Motors Corporation 1977 model-year gasoline-powered engines in heavy-duty motor vehicles are certified for the engine family described below:

<u>Family</u>	<u>Engine Size CID</u>	<u>Engine Model</u>	<u>Exhaust Emission Control System</u>
IV-HD	360	RA4HDC-3S, RM4HDC-3S	Exhaust Gas Recirculation, Air Injection, Oxidation Catalyst
	401	TA4HDC-3S	

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 + NO₂ gm/bhp-hr</u>	<u>CO gm/bhp-hr</u>	<u>HC gm/bhp-hr</u>	<u>NO₂ gm/bhp-hr</u>
IV-HD	Not Applicable	10	0.6	5.9

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, 1976.


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

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

Manufacturer American Motors Corporation Executive Order No. A-~~17~~-28 Page 1 of 1

Engine Family IV-HD Engine (CID) 360 & 401 Calibration --

Emission Control System AI, EGR, OC.

Engine Models or Codes	Distributor Type : C,V,EI Mfgr. Part No.	Fuel System Type : I-4V Mfgr. Part No.	EGR System Backpressure Sensitive Part No. Service*	Tune-Up Specifications (1) Basic Timing (4) Part No. (2) Idle Mixture (3) Idle Speed
RM4HDC-3S (360 CID, manual transmission)	Prestolite IDJ-4001E (3228263)	Motorcraft 6THM4 (SF5355257)	3230261 (EGR valve-back-pressure integral part) I-15,000 miles	(1) 5° BTDC+2° @500 RPM with vacuum disconnected (2) Lean best idle (3) 750 RPM± 100 RPM (4) 5357032
RA4HDC-3S (360 CID, automatic transmission), TA4HDC-3S (401 CID, Automatic transmission).	Prestolite IDJ-4001F (3228265)	Motorcraft 6THA4C (SF5355582)		(1) 8° BTDC+2° @ 500 RPM in "drive" with vacuum disconnected. (2) Lean best idle (3) 700 RPM± 100 RPM in "drive" (4) 5356550
Comments				
Date of Issue: 5 August 1976				

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