

E. O. Bro

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-17-8  
Relating to Approval of New Motor Vehicles

AMERICAN MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-1;

IT IS ORDERED AND RESOLVED: That American Motors Corporation 1975 model-year gasoline-powered engines in heavy-duty motor vehicles are approved for the engine families described below:

| <u>Family</u> | <u>Engine Size<br/>CID</u> | <u>Engine Code</u> | <u>Exhaust Emission<br/>Control System</u> |
|---------------|----------------------------|--------------------|--|
| III HD        | 360                        | RA4HDC-3           | EGR + AIR                                  |
|               |                            | RM4HDC-3           | EGR + AIR                                  |
|               | 401                        | TA4HDC-3           | EGR + AIR                                  |

Section 39152, 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<br/>Family</u> | <u>Hydrocarbon plus Nitrogen Dioxide<br/>grams/brake horsepower-hour</u> | <u>Carbon Monoxide<br/>grams/brake horsepower-hour</u> |
|--------------------------|--|--|
| III-HD                   | 9.5  | 25.4   |

A supplemental information sheet is attached to this order which includes tune-up specifications and emission control system data.

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 5 day of September, 1974.

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

AIR RESOURCES BOARD  
 SUPPLEMENTAL INFORMATION  
 1975 MODEL YEAR  
 HEAVY-DUTY GASOLINE ENGINES

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| Engine Family | Engine Models | Engine CID | Distributor       |                      | Fuel System |                          | Emission Control System  |                       | Tune-up Specifications   |                  |                |
|---------------|---------------|------------|-------------------|----------------------|-------------|--------------------------|--------------------------|-----------------------|--------------------------|------------------|----------------|
|               |               |            | Type              | Mfgr. Part No.       | Type        | Mfgr. Part No.           | Type                     | EGR Part No. Service* | Idle RPM                 | Basic Timing     | Idle Mixture   |
| III-HD        | RM4HDC-3      | 360        | C & V Elec-tronic | 10J-40010<br>3225295 | C-4V        | Motor-craft<br>SF5353844 | Charcoal Canister<br>AIR | 3223981<br>I          | 750 + 100 RPM<br>Neutral | 2.5 BTDC<br>+ 2° | Lean Best idle |
|               | RA4HDC-3      | 360        | C & V Elec-tronic | 1DJ4001<br>3224746   | C-4V        | Motor-craft<br>5354502   | "                        | 3223981<br>I          | 700 + 100 RPM<br>in gear | "                | "              |
|               | TA4HDC-3      | 401        | C & V Elec-tronic | 1DJ4001<br>3224746   | C-4V        | Motor-craft<br>5354502   | "                        | 3223981<br>I          | "                        | "                | "              |

Abbreviations:

- Distributor
- C - Centrifugal Advance
- V - Vacuum Advance
- VR - Vacuum Retard

- Exhaust Emission Control System
- AI - Air Injection
- EFI - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- EM - Engine Modifications

- FI - Fuel Injection
- OC - Oxidation Catalyst
- RC - Reduction Catalyst
- TR - Thermal Reactor

- \*Service
- I - Inspection, repair
- R - Replace

C - Carburetor - 4 venturis