

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-27
Relating to Approval of New Motor Vehicles

INTERNATIONAL HARVESTER COMPANY

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 International Harvester Company 1975 model-year gasoline-powered engines in heavy-duty motor vehicles are approved for the engine family described below:

| <u>Family</u> | <u>Engine Size CID</u> | <u>Engine Model</u> | <u>Exhaust Emission Control System</u> |
|------------------|----------------------------|---------------------|---|
| VS-537 Calif. | 537 | V-537 | Air Injection and Exhaust Gas Recirculation |

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 Family</u> | <u>Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour</u> | <u>Carbon Monoxide grams/brake horsepower-hour</u> |
|--------------------------|--|--|
| VS-537 Calif. | 8 | 18 |

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 13 day of March, 1975.

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

R.C.7523-Sept. 15, 1975

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

| MANUFACTURER: INTERNATIONAL HARVESTER COMPANY | | EXECUTIVE ORDER NO. A-4-27 | | | | PAGE NO. 1 | | | | | |
|---|---------------|----------------------------|-------------|-------------------------------|-------------|-------------------|-------------------------|--|---|------------------------------|--------------|
| Engine Family | Engine Models | Engine CID | Distributor | | Fuel System | | Emission Control System | | Tune-up Specifications | | |
| | | | Type | Mfgr. Part No. | Type | Mfgr. Part No. | Type | Part No. Service* | Idle RPM in neutral | Basic Timing | Idle Mixture |
| VS-537 Calif. | V-537 | 537 | C | Holley-Presto-lite 448195-C91 | 1-4V | Holley 448315-C91 | AI, EGR | 440310-C1 I-12,000 miles (R.C. 7523) | 500-550 RPM without Allison trans. 600-650 with Allison transm. | 7° BTDC @ 550 RPM in Neutral | 1.0-2.0% CO |
| | | | | | 1-2V | Holley 465487-C91 | | | | | |

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 as needed
R - Replace

4.3