E.O.
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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-11
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;

IT IS ORDERED AND RESOLVED: That International Harvester Company exhaust emission control systems for 1974 model year light-duty motor vehicles are approved for the engine families described below:

Engine Family: 6-258 with Air Injection, Engine Modification and Exhaust Gas Recirculation.

Engine: 258 CID with 3 or 4 speed Manual Transmission or with Automatic Transmission.

Models: Scout 4 X 2, Scout 4 X 4, and 100 Pick up 4 X 2.

Engine Family: V-345-4 with Air Injection, Engine Modification and Exhaust Gas Recirculation.

Engine: 345 CID with 3 or 4 speed Manual Transmission or with Automatic Transmission.

Models: Scout 4 X 2, Scout 4 X 4, and 100 Pick up 4 X 2.

International Harvester Company

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that vehicle for which approval has been granted by the Board.

| Engine Family | Hydrocarbons Grams per Mile | Carbon Monoxide Grams per Mile | Nitrogen Oxides Grams per Mile |
|---|---|---|---|
| 6-258 | 2.2 | 24 | 1.9 |
| V-345-4 | 2.9 | 32 | 1.8 |

According to the California Assembly-Line Test Procedure for 1974 Model Light-Duty Gasoline Powered Vehicles, these values shall be in effect during the first calendar quarter of model production and not to exceed 30 days thereafter. Not more than one month after the first and each succeeding calendar quarter of production, the exhaust emission shown on the window decal shall be the average quality audit values for the engine family of the previous calendar quarter of production.

Section B3 of the above procedure requires the manufacturer to submit to the Executive Officer before the start of the model-year, a list of the engine components and control systems affecting emissions to be functionally checked and the procedure for performing these checks.

In accordance with Section II E. of the California Exhaust Emission Standards and Test Procedures for 1973 through 1976 Models Gasoline-Powered Light-Duty Motor Vehicles, the manufacturer is required to inform the Air Resources Board of any production changes which will affect emissions.

Supplemental information sheets are attached to this order which include tune-up specifications and emission control system data.

The Department of Motor Vehicles, the California Highway Patrol and the Bureau of Automotive Repair of the Department of Consumer Affairs will be notified of this approval by copy of this order and attachment.

Executed at Sacramento, California, this 6 day of September, 1973.

JOHN A. MAGA
Executive Officer

**AIR RESOURCES BOARD**
**SUPPLEMENTAL INFORMATION**
**1974 Model-Year**
**Light Duty Vehicles**

**MANUFACTURER:** International Harvester

Executive Order A-4-11

| Vehicle Model | Engine C.I.D. | Carburetor No. of Venturi | Trans-mission | Engine Family | Inertia Weight | Tune-up Specifications | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Idle RPM | Basic Timing | Idle CO or AFR |
| Scout 4 X 2, Scout 4 X 4, 100 Pick Up 4 X 2 | 258 | 1-1V | M/3 M/4 or A/3 | 6-258 | 4000 | 700 RPM in Neutral | 0° @ TDC @ 700 RPM Neutral | CO - 1.5% Max with Air disconnected |
| Scout 4 X 2 Scout 4 X 4 100 Pick Up 4 X 2 | 345 | 1-4V | M/3 M/4 or A/3 | V-345-4 | 4500 | ↓ | ↓ | ↓ |

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1974 Model-Year
Light Duty Vehicles

ANUFACTURER: International Harvester

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| Model | Engine C.I.D. | Carburetor No.of Venturi | Trans-mission | Distributor Make & No. | Type Adv.* | Carburetor Make & No. | Emission Control System: Exhaust | NOx | Evap. | Other |
|---|---|---|---|---|---|---|---|---|---|---|
| out 4 X 2<br>out 4 X 4<br>0 Pick up 4 X 2 | 258 | 1-1V | M/3, M/4 or A/3 | Delco Remy 1110522 OK | C-V | Holley 1940-C #38904 OK<br>IHC #451013-C91 | EM, AIR | EGR | CAN | |
| out 4 X 2<br>out 4 X 4<br>0 Pick up 4 X 2 | 345 | | M/3, M/4 or A/3 | Holley Pres-tolite IHC 448685-C91 OK | C-V | Carter 451916-C91<br>IHC #451915-C91 OK<br>IHC 448681-C91 OK 448682-C91 | | | | |
| | | | | optional: 455457-C91 | | | | | | |

C - Centrifugal
V - Vacuum
VR - Vacuum retard