

T.C. 1008

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-101
Relating to Certification of New Motor Vehicle Engines

INTERNATIONAL HARVESTER COMPANY

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 the following International Harvester Company 1984 model-year diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

| <u>Engine Family</u> | <u>Displacement Cubic Inches (Liters)</u> | <u>Exhaust Emission Control Systems (Special Features)</u> |
|----------------------|---|--|
| 6.9LD | 420 (6.9) | (Diesel Injection - Prechamber) |

Engine models and codes are listed on attachments.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model-year heavy-duty engine exhaust emission standards and the following certification emission values:

| <u>Engine Family</u> | <u>Hydrocarbons gm/bhp-hr</u> | <u>Hydrocarbons + Nitrogen Oxides gm/bhp-hr</u> |
|----------------------|-----------------------------------|---|
| 6.9LD | 0.3 | 4.0 |

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order.

Executed at El Monte, California this 16th day of August, 1983.



K. D. Drachand, Chief
Mobile Source Control Division

1984 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer International Harvester Company

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Engine Family 6.9LD

CID(Liter)-Type 420 (6.9) v-8

ECS and (Special Features) (DIP)

| Engine Model | Fuel Injection Pump Mfr. Part Number | Injector Mfr. Part Number | Maximum Rated HP and RPM | Fuel Rate at Maximum HP mm ³ /stroke | Label ⁽¹⁾ Ident. |
|--------------|--|---------------------------------------|--------------------------|--|-------------------------------------|
| B175(1) | Stanadyne/ 1805807C91 or 1807560C91(2) | UTDS/CAV/ 1805802C92 All Models | 175 @ 3300 | 54.5 | 1805942C1 1807544C1 |
| B155 | Stanadyne/ 1805806C91 | | 155 @ 3000 | 53.0 (1) | 1805920C2 1807526C1 1807544C1 |
| B158HA(1) | Stanadyne/ 1805808C91 or 1807568C91(2) | | 158 @ 3300 | 48.2 | 1805942C1 |
| B155R | Stanadyne/ 1805813C91 | | 155 @ 3300 | 48.2 | 1807544C1 |
| B165(1) | Stanadyne/ 1807551C91 | | 165 @ 3000 | 56.0 | 1807526C1 1807544C1 |

Date of Issue - 081683

(1) Additions and revisions per Running Changes 8401 and 8402 dated 092683 and 100383.

(2) Added per Running Change 8403 dated 101483.