

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-93
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 1983 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 as 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>Carbon Monoxide gm/bhp-hr</u>	<u>Hydrocarbons + Nitrogen Oxides gm/bhp-hr</u>
6.9LD	0.4	3	4.7

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).

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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 and attachment.

Executed at El Monte, California this 13th day of July, 1982.


K. D. Drachand, Chief
Mobile Source Control Division

Z.O.

Manufacturer International Harvester Company Page 1
 Engine Family 6.9LD CID(Liter)-Type 420 (6.9)--V-8
 ECS(Special Features) (DIP)

Engine Model	Fuel Injection Pump Mfr. Part Number (2)	Injector Mfr. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm ³ /stroke	Label Ident.
A170	Stanadyne 1801359C91,92	Ambac 1805252-C91 or (4) UTDS 1805762C91	170 @ 3300	54.5	1803211-C1
A155	Stanadyne 1805384C91,92		155 @ 3000	54.5	1803223-C1
A155HA (1)	Stanadyne 1803140C91,92		155 @ 3300	48.2	1803358-C1
A155R (3)	Stanadyne 1805723C91		155 @ 3300	48.2	1805789-C1

Date of Issue - 07/18/82

- (1) Added per running changes 8301 and 8302 dated 08/12/82.
- (2) Updated and suffixes added per running change 8305 dated 02/14/83.
- (3) Added per running change 8309 dated 03/07/83
- (4) Added per running change 8312 dated 06/12/83.