

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-105  
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 1985 model-year diesel engines have shown compliance with the optional transient standards and 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:

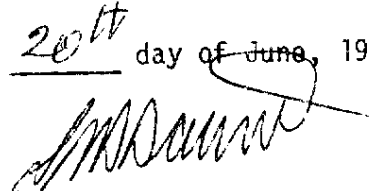
<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
6.9LD	0.8	4.4

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 20<sup>th</sup> day of ~~June~~, 1984.

  
K. D. Drachand, Chief  
Mobile Source Division

1982 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY DIESEL ENGINES

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

Engine Model	Fuel Injection Pump Mfr. Part Number (1)	Injector Mfr. Part Number	Maximum Rated hp and rpm	Fuel Rate @ Max. Hp mm <sup>3</sup> /stroke	Label ID
B175	Stanadyne/ 1807560C91,C92	UTDS/CAV/ 1805802C92 All Models	175 @ 3300	54.5	1807763C1
B158HA	Stanadyne/ 1807568C91,C92		158 @ 3300	48.2	1807763C1
B165	Stanadyne/ 1807551C91,C92		165 @ 3000	56.0	1807764C1
B155	Stanadyne/ 1805806C91,C92		155 @ 3000	53.0	1807764C1 1807765C1
B155R	Stanadyne/ 1805813C91,C92		155 @ 3300	48.2	1807765C1

Date of Issue -

(1) C92 pumps added per running change 8508, dated 09/16/85.

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