

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-115-1  
Relating to Certification of New Heavy-Duty Motor Vehicle Engines

NAVISTAR INTERNATIONAL TRANSPORTATION CORPORATION

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 Navistar International Transportation Corporation 1987 model-year diesel engines have shown compliance with the transient test procedures and standards and are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 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.

The following are the certification emission values for these engine families:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
6.9LD	0.8	4.6

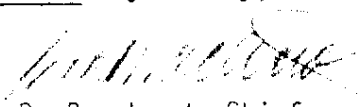
BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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

This Executive Order supersedes Executive Order A-4-115, dated September 4, 1986.

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

Executed at El Monte, California this 13<sup>th</sup> day of May, 1987.

  
K. D. Drachand, Chief  
Mobile Source Division

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY DIESEL ENGINESManufacturer Navistar International Transportation CorporationPage 1Engine Family 6.9LCID(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/ 1807560C92	UTDS/CAV/ 1805802C91 All Models	175 @ 3300	54.5	1809404C1
B158HA	Stanadyne/ 1807568C91		158 @ 3300	48.2	1809404C1
B165	Stanadyne/ 1807551C92		165 @ 3000	56.0	1811117C1 1811216C1
B155	Stanadyne/ 1805806C91		155 @ 3000	53.0	1811117C1 1811216C1
B130	Stanadyne/ 1811209C91		130 @ 2700	45.3	1811216C1

Date of Issue: 9/4/86 - Revised 10/1/86

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B165	Stanadyne/ 1807551C92		165 @ 3000	56.0	1811117C1 1811216C1
B155	Stanadyne/ 1805806C91		155 @ 3000	53.0	1811117C1 1811216C1
B130	Stanadyne/ 1811209C91		130 @ 2700	45.3	1811216C1

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17.00-6 6.9LD