

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-144

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 1992 model diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

Fuel Type: Diesel

<u>Engine Family</u>	<u>Liters (Cubic Inches)</u>		<u>Exhaust Emission Control Systems and Special Features</u>
NNV0466FPC6 (DTA-466)	7.6	466	Turbocharger Charge Air Cooler Smoke Puff Limiter

Engine models and codes are listed on attachments.

The following are the certification emission standards for this engine family in grams per brake-horsepower-hour:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
1.3	15.5	5.0	0.25

The following are the certification emission values for this engine family in grams per brake-horsepower-hour:


<u>Engine Family</u>	<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulates</u>
NNV0466FPC6 (DTA-466)	0.4	1.8	4.7	0.24

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

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 attachments.

Executed at El Monte, California this 17th day of December, 1991.


R. B. Summerfield
Assistant Division Chief
Mobile Source Division

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1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

(DTA-466)

Manufacturer Navistar International Transportation Corp. Engine Family NNV0466FPC6

Liter (CID) 7.6 (466) Fuel Type Diesel Engine Config. I-6

Exhaust ECS & Special Features TC, SPL, CAC
(Use abbreviations per SAE J1930 Jun88)

Engine Model (Eng. Code)	Fuel Pump Mfr. P/N	Injector Mfr. P/N	Rated HP @ RPM	Fuel Rate @ Rated HP cc/stroke	Part. Trap/ Catalyst Mfr. P/N
E195 (E195)	Robert Bosch (All Models) 1819325C91	Stanadyne 1817104C91	195 @ 2400	94.3	
E210 (E210)	1819326C91	1817394C91	210 @ 2400	99.3	
E230 (E230)	1817193C91	1817394C91	230 @ 2400	108.7	
E250 (E250)	1817695C91	1817016C91	250 @ 2400	118.5	
E270 (E270)	1815520C91	1815402C91	270 @ 2400	127.6	

Revisions:
1290

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17.00.04-2 DTA-466

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer Navistar International Transportation Corp. Engine Family (DTA-466) NNVO466FPC6

Liter (CID) 7.6 (466) Fuel Type Diesel Engine Config. I-6

Exhaust ECS & Special Features EM, TC, SPL, CAC
(Use abbreviations per SAE J1930 Jun88)

Engine Model (Eng. Code)	Fuel Pump Mfr. P/N	Injector Mfr. P/N	Rated HP @ RPM	Fuel Rate @ Rated HP cc/stroke	Part. Trap/ Catalyst Mfr. P/N
	Robert Bosch (All Models)	Stanadyne			
E195 (E195)	1819325C91 1819885C91	1817104C91	195 @ 2400	94.3	
E210 (E210)	1819326C91 1819886C91	1817394C91	210 @ 2400	99.3	
E230 (E230)	1817193C91	1817394C91	230 @ 2400	108.7	
E250 (E250)	1817695C91 or 1816730C91 or 1815503C91	1817016C91 or 1817394C91	250 @ 2400	118.5	
E270C (E270C)	1815520C91	1815402C91 1817394C91	270 @ 2400	127.6	

Revisions: 1/31/92 per R/C-9210, 2/10/92 per R/C-9205, 8/20/92 per R/C-9211
1290

9-2-1992 receive.