State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-140

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 engine is certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

Fuel Type: Diesel

Engine Family	Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
NNV07.3DAA0	7.3	443	Indirect Diesel Injection

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:

Total Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
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, except that compliance with the carbon monoxide emission standard has been demonstrated pursuant to the Code of Federal Regulations, Title 40, Part 85, Subpart A, Section 86.088-23(c)(2)(1):

Total Hydrocarbons	Nitrogen Oxides	Particulates
0.6	4.4	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 21st day of May, 1991.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

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

Manufacturer Navistar International Transportation Corp. Engine Family (7.3) NNVO7.3DAA0

Liter (CID) 7.3 (443) Fuel Type Diesel Engine Config. V-8

Exhaust ECS & Special Features IDI
(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
		All Models			
A185 (2)	Stanadyne 1813250C91 1813102C91 1813385C91 1813102C92	CAV 1812042C91 1805803C91 & Stanadyne 1812042C91 1813345C91	185 @ 3300	58.5	
A166 (3)	Stanadyne 1813255C91 1813112C91 1813390C91 1813112C92	↓	166 @ 3300	53.5	
A170 (4)	Stanadyne 1809096C92 1813460C91	↓	170 @ 3000	57.5	
A155 (5)	Stanadyne 1809083C92 1813465C91	↓	155 @ 3000	52.0	
A130 (6)	Stanadyne 1811303C92 1813470C91	↓	130 @ 2700	45.3	

Revisions:
1290