State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-200

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-45-9;

IT IS ORDERED AND RESOLVED: That the following 1997 model-year Navistar International Transportation Corporation diesel-cycle engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Diesel

Engine Family	Engine Displacement Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
VNV444C8DARW	7.3	(444)	Turbocharger Charge Air Cooler Engine Control Module

Engine models and codes are listed on attachments.

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

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
1.3	15.5	5.0	0.10

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

Engine FAMILY	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Particulates
VNV444C8DARW	0.2	1.9	4.4	0.09

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 16th day of December 1996.

John Kourlelis for

R. B. Summerfield, Chief
Mobile Source Operations Division

E.O.# A-4-200

1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL-STANDARD ENGINES

Manufacturer: Navistar International Engine Family: VNV444C8DARW (T444E)

Displacement: 7.3 / Liters 444 / Cubic Inches

Ignition: Compression X Compression with Glow Plug ____ Spark ____

Fuel Type(s): Dedicated X Flex-Fuel ___ Dual-Fuel ___ Bi-Fuel ___ Diesel X CNG ___

LNG ___ LPG ___ M100 ___ M85 ___ Other (specify) ____

Diesel Cert Fuel: 13 CCR 2282 ___ 40 CFR 86.1313-90 ___ 40 CFR 86.1313-94 X

Maximum Rated Power: 210 HP @ 2400 RPM Engine Configuration: V-8

Exhaust ECS (incl. MFI TC, CAC): DI, TC, CAC, ECM

(Use abbreviations per **SAE J1930 SEP91**)

Engine Mode (Eng. Code)	Rated HP @ RPM	Fuel Rate @ Rated HP mm^3 /stroke (lbs/hr)	Fuel Pump & Injector Part No.	ECM/PCM Part No.	EGR Valve Part No.	PTOX / Catalytic Converter Part No.
B210	210 @ 2400	72 (78)	Injectors 1822803C1	ECMs 1807411C1 1807422C1		
B190	190 @ 2300	71 (73)	Same	Same		
B175	175 @ 2300	66.5 (68.5)	Same	Same		

Date Issued: 11/19/96

Revisions: ____

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