State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-180

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 1996 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
TNV530D8DARA	8.7	(530)	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
TNV530D8DARA	0.2	1.4	4.9	0.08

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 13th day of September 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-4-180

1996 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL-STANDARD ENGINES

(530E)

Manufacturer Navistar International Transportation Corp. Engine Family TNV530D8DARA

Displacement: 8.7 / Liters 530 / Cubic Inches

Ignition: Compression X Compression with Glow Plug ____ Spark ____

Fuel Type(s): Dedicated___ Flex-Fuel___ Dual-Fuel___ Bi-Fuel___ Diesel X CNG___

LNG___ LPG___ M85___ M100___ Other (specify)_____

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

Maximum Rated Power: 275 HP @ 2000 RPM Engine Configuration: I-6

Exhaust ECS (incl. MFI TC, CAC): EM, 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.
			Injectors			
A275	275 @ 2000	154.0 (103.2)	1824741C1	1807294C1		
AF275	275 @ 2000	154.0 (103.2)	"	1807256C1		
AL275	275 @ 2000	154.0 (103.2)	"	"		
A250	250 @ 2000	143.0 (95.8)	"	"		

Date Issued:

Revisions: