State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-122

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 1988 model-year diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating over 8,500 pounds:

Engine Family	Displacement Liters (Cubic Inches)		Exhaust Emission Control Systems (Special Features)
JNV0360FPA0	5.9	(360)	(Diesel Injection - Direct) (Turbocharger) (Intercooler)

Engine models and codes are listed on attachments.

The following are emission standards for this engine family except that the demonstration for meeting the carbon monoxide standard has been waived per Subpart A, Part 86, Title 40, Code of Federal Regulations, Section 86.088-23(c)(2)(i):

Hydrocarbons gm/bhp-hr	Carbon Monoxide gm/bhp-hr	Nitrogen Oxides gm/bhp-hr	Particulates gm/bhp-hr
1.3	15.5	6.0	0.60

The following are the certification emission values for this engine family:

Engine Family	Hydrocarbons gm/bhp-hr	Nitrogen Oxides gm/bhp-hr	Particulates gm/bhp-hr
JNV0360FPA0	0.8	5.9	0.53

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.

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

Executed at El Monte, California this 23rd day of November, 1987.

K. D. Drachand, Chief
Mobile Source Division

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1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer Navistar International Transportation Corp. Engine Family JNV0360FPA0 DTA-466

Liter (CID) 5.9 (360) Engine Type Four Stroke, I-6

Emission Control Sys. and (Special Features) SPL (DID, IC, TC)

Engine Model	Fuel Injection Pump Mfr. Part Number	Injector Mfr. Part Number	Maximum Rated HP at RPM	Fuel Rate mm^3/stroke (lbs/hr)	Maximum Rated Torque at RPM	Fuel Rate mm^3/stroke (lbs/hr)
B175C	Robert Bosch 1811836C91,C92	Robert Bosch 1812509C91	175 @ 2700	80.2 (72.5)	419 @ 1700	86.9 (49.5)

Date of Issue _____ Revisions:

030186/1880C.JRB