State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-167

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 1995 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
SNV530D6DARA	8.7	(530)	Turbocharger Smoke Puff Limiter Charge Air Cooler

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
SNV530D6DARA	0.1	1.8	5.0	0.10

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 19th day of September, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-4-167

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL-STANDARD ENGINES

Manufacturer Navistar International Transportation Corp. Engine Family SNV530D6DARA (530)

Displacement: 8.7 / Liters 530 / Cubic Inches

Maximum Rated Power: 300 HP @ 2000 RPM Engine Configuration: I-6

Ignition: Compression X Compression with Glow Plug ____ Spark ____

Fuel Type(s): Dedicated___ Flex-Fuel___ Dual-Fuel___ Diesel X M100___ M85___

CNG____ LNG____ LPG____ Other (specify)_____

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

Primary Intended Service Class: LHD___ MHD X HHD___ Urban Bus___

Exhaust ECS (incl. MFI TC, CAC): ~~EM~~ ~~DI~~ TC, CAC, SPL
(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.
			Injection Pumps	Fuel Nozzles		
A300	300 @ 2000	170.1 (114.0)	1823155C91	1823937C91		
AF300	300 @ 2000	165.6 (111.0)	1823154C91	1823937C91		
A275	275 @ 2000	153.9 (103.1)	1823153C91	1823933C91		
AF275	275 @ 2000	151.8 (101.7)	1823152C91	1823935C91		
AL275	275 @ 2000	151.8 (101.7)	1823959C91	1823935C91		
A250	250 @ 2000	138.0 (92.5)	1823151C91	1823931C91		

Date Issued:

Revisions: | | | | | |