State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-177

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 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:

<u>Fuel Type</u>: Diesel

Engine Family	Engine <u>Liters</u>	Displacement (Cubic Inches)	Exhaust Emission Control Systems and Special Features
SNV530F6DATA (530Bus)	8.7	(530)	Turbocharger Charge Air Cooler Smoke Puff Limiter Oxidation Catalytic Converter

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:

Carbon <u>Hydrocarbons</u> <u>Monoxide</u>		Nitrogen <u>Oxides</u>	<u>Particulates</u>
1.3	15.5	5.0	0.07

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

Engine <u>Family</u>	<u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>	<u>Particulates</u>
SNV530F6DATA	0.1	2.2	4.8	0.05

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.).

BE IT FURTHER RESOLVED: That the listed engine family is certified for use in urban buses.

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 22 day of June 1995.

R. B. Summerfield

Assistant Division Chief Mobile Source Division

E.O.#	A-4-177

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

Page <u>1</u> of <u>1</u>

(530 Bus) Manufacturer Navistar International Transportation Corp. Engine Family SNV530F6DATA Displacement: 8.7 / Liters 530 / Cubic Inches Maximum Rated Power: 275 HP @ 2000 RPM Engine Configuration: I-6 Ignition: Compression X Compression with Glow Plug ____ Spark ____ Fuel Type(s): Dedicated_X 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 MHD HHD Urban Bus X Primary Intended Service Class: LHD____ Exhaust ECS (incl. MFI TC, CAC): TC CAC SPL OC (Use abbreviations per SAE J1930 SEP91) Fuel Rate Fuel Pump EGR PTOX / Engine Mode Rated HP @ Rated HP & Injector ECM/PCM Valve Catalytic (Eng. Code) @ RPM mm^3 /stroke Part No. Part No. | Converter Part No. (lbs/hr) Part No. Injection Pumps Fuel Nozzles AB275 275 @ 2000 148.4 1824945C91 1823933C91 1823375C1 ((99.4)(Oval) 1823376C1 (Round) Date Issued: Revisions:

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