State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-311
Relating to Certification of New Motor Vehicle Heavy-Duty Engines

FORD MOTOR COMPANY

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 Ford Motor Company 1987 model-year diesel engines have shown compliance with the transient test procedure and standards and are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
HFM07.8EPB1	401	(6.6)	(Diesel Injection - Direct) (Turbocharger)

Engine models and codes are listed on attachments.

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

Engine Family	Hydrocarbons gm/bhp-hr	Carbon Monoxide gm/bhp-hr	Nitrogen Oxides gm/bhp-hr
HFM07.8EPB1	1.1	3.3	4.2

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 12th day of March, 1986.

K. D. Drachand, Chief
Mobile Source Division

E.O. # A-10-311

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HEAVY-DUTY DIESEL ENGINES

Manufacturer Ford Motor Company Page 1

Engine Family HFM07.8EPB1 CID(Liter)-Type 6.6L-I6

ECS and (Special Features) DID, MFI, TC

Engine Model	Fuel Injection Pump Mfr. Bosch Part Number -9A543-	Injector Mfr. Bosch Part Number -9F593-	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm^3/stroke	Label Ident.
170C	E5HN-JD	E4HN-BB	170 @ 2600	88.5	E5HN-GA

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