

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-358
Relating to Certification of New Heavy-Duty Motor Vehicle 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 gasoline engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) (over 14,000) pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
HFM07.5BTB5	460 (7.5)	Exhaust Gas Recirculation Air Injection Pump Heated Oxygen Sensor Three-Way Catalyst (Electronic Port Fuel Injection)

Engine models and codes are listed on attachments.

The following are the emission standards for this engine family:

<u>GVWR</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
Over 14000	1.9	37.1	10.6

The following are the certification emission values for these engine families:

<u>GVWR</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
Over 14000	0.6	19.1	5.4

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).

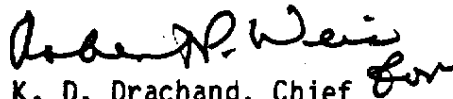
FORD MOTOR COMPANY

EXECUTIVE ORDER A-10-358
(Page 2 of 2)

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 26TH day of August, 1987.


K. D. Drachand, Chief *for*
Mobile Source Division

E.O.# A-10-358

Page 1

1987AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINES

Manufacturer FORD MOTOR COMPANY

Engine Family HFM7.5BTB5

Liter (CID) 7.5L (460)

Eng. Type V-8

Emission Control Sys. and (Special Features) AIP/EGR/TWC/HOS (EFI)

Engine Model 7.5L (Engine Code)	Maximum Rated HP at REM	Rated Torque at REM	Ignition System (ECU) Mfg. 12A650 Part Number	Fuel System Bosch Mfg. 9F593 Part Number	EGR Valve Mfg. 9F483 Part Number	Catalyst Mfg. SE212 Part Number
7B-R00	223 @ 3600	368 @ 2400	E7TF-CFA	E7TE-BB	E7TE-GA	E8TA-KA

Date of Issue _____

Revisors: