G.T. TOTTY

JAN 6 11 30 AM '87

State of California
AIR RESOURCES BOARD

To Dick Gilmore
Gordon

EXECUTIVE ORDER A-10-328
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 8,500 pounds:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
HFM07.5AGE2	460	(7.5)	Air Injection - Pump Exhaust Gas Recirculation

Engine models and codes are listed on attachments.

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

Engine Family	Hydrocarbons gm/bhp-hr	Carbon Monoxide gm/bhp-hr	Hydrocarbons + Nitrogen Oxides gm/bhp-hr
HFM07.5AGE2	0.4	14	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 16th day of December, 1986.

K. D. Drachand, Chief
Mobile Source Division

Fuel flow — on HDD only
" " " NA on HDG

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19_87 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Company Engine Family HFM07.5AGE2

Liters (CID) 7.5L(460) Eng. Type V-8

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

Engine Model (Engine Code)	Maximum Rated HP at RPM	Rated Torque at RPM	Ignition System (ECU) Mfr. Ford -12127- Part Number	Fuel System 4V Mfr. Holley -9510- Part Number	EGR Valve Mfr. -9D475- Part Number	Catalyst Mfr. None Part Number
7.5L (4-98S-R12)	220@4000	360@ 2600	D4HE-AA	E6JL-BA	D8BE-BA	--
7.5L (4-98S-R11)	220@4000	360 @ 2600		E5HE- LB LC MB MC		--

Date of Issue _____ Revisions:

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Fuel flow — on HDD only
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