

**G.T. TOTTY**

JAN 6 11 33 AM '87

State of California  
AIR RESOURCES BOARD*To Dick  
Gordon  
right for  
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 16<sup>th</sup> day of December, 1986.*K. D. Drachand*  
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)	Fuel System	EGR Valve	Catalyst
			Mfr. Ford -12127- Part Number	Mfr. Holley -9510- Part Number	Mfr. -9D475- Part Number	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		--

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*NA on HDG*

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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)	Fuel System  <i>4V</i>	EGR Valve	Catalyst
			Mfr. Ford -12127- Part Number	Mfr. Holley -9510- Part Number	Mfr. -9D475- Part Number	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		--

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