

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-347

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 1988 model-year diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) (over 8,500) pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
JFM07.8EPC9	6.6 (401)	(Direct Injection-Diesel) (Turbocharger)

Engine models and codes are listed on attachments.

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


<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>	<u>Particulates gm/bhp-hr</u>
JFM07.8EPC9	0.8	2.2	5.2	0.6

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 23rd day of July 1987.


K. D. Drachand, Chief
Mobile Source Division

E.O.# A-10-347

Page 1

1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer FORD MOTOR COMPANY

Engine Family JFM07.8EPC9

Liter (CID) 6.6L (401)

Eng. Type I6

Emission Control Sys. and (Special Features) (DID, TC)

(Calibration) Engine Model	Fuel Injection Pump Mfr. Bosch Part Number	Injector Mfr. Bosch Part Number	Maximum Rated HP at RPM	Fuel Rate mm ³ /stroke (lbs/Hr)	Maximum Rated Torque at RPM	Fuel Rate mm ³ /stroke (lbs/Hr)
(8-80B-R00) 170	E6HN-DA -9A543-	E6HN-DA -9F593-	170 @ 2600	86.5 (73.1)	420 @ 1800	92.7 (54.2)
* (8-80N-R00) 165C	E7HN-AA	E7HN-AA	* 165 @ 2600	80.8 (68.3)	410 @ 1600	88.8 (46.2)

ADDED PER
* RIC 6.6LHD-1

Date of Issue _____

Revisions:

E.O.# A-10-347

Page _____

19 88AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer FORD MOTOR COMPANY

Engine Family JFM07.8EPC9

liter (CID) 6.6L (401)

Eng. Type I6

Emission Control Sys. and (Special Features) (DID, TC)

(Calibration) Engine Model	Fuel Injection Pump Mfr. Bosch Part Number -9A543-	Injector Mfr. Bosch Part Number -9F593-	Maximum Rated HP at RPM	Fuel Rate mm ³ /stroke (lbs/Hr)	Maximum Rated Torque at RPM	Fuel Rate mm ³ /stroke (lbs/Hr)
3-80B-R00) 170	E6HN-DA	E6HN-DA	170 @ 2600	86.5 (73.1)	420 @ 1800	92.7 (54.2)

of Issue _____

Revisions: