

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-362

Relating to Certification of New Heavy-Duty Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43835 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 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1988 model-year Ford Motor Company motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds are certified using the gasoline engine listed below:

<u>Engine Manufacturer</u>	<u>Engine Family</u>	<u>Displacement Liters (Cubic Inches)</u>	<u>Engine Model Year and Certification Executive Order No.</u>
Ford	JFM07.5AGE9	6.1 (370)	1988 A-10-363

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

<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Hydrocarbons+ Nitrogen Oxides gm/bhp-hr</u>
1.9	37.1	6.0

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

<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Hydrocarbons + Nitrogen Oxides gm/bhp-hr</u>
1.2	21.8	4.6

BE IT FURTHER RESOLVED: That 1988 model-year vehicle models listed on the attached sheet also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

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 14<sup>th</sup> day of October, 1987.

  
K. D. Drachand, Chief  
Mobile Source Division

1988 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-362 Page 1

<u>Vehicle Models</u>	<u>Fuel Tanks- gallons</u>	
	<u>single</u>	<u>duals</u>
<u>F-600, 700, 800</u>	50 or 35	50+50 35+35 35+50
B-600, 700	30 or 60	not available

Evaporative Emission Families

6.1L - 8LR; calibration 8LR-50-HD-R00

7.0L - 8MR; calibration 8MR-50-HD-R00

1988 Model Year  
 FUEL EVAPORATIVE EMISSION CONTROL SYSTEM  
 FOR GASOLINE-FUELED HEAVY DUTY VEHICLES  
 CERTIFICATION APPLICATION REVIEW SHEET

Vehicle Manufacturer Ford Motor Company Executive Order No. A-10-362

Page No.

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|--|-----------------------------------|
| 1. Name of authorized representative.  | <u>1.02.00.00-1</u> ✓             |
| 2. Vehicle models and engine family identification.  | <u>16.01.03-1, 8.15</u> ✓         |
| 3. Projected sales.  | <u><del>16.01.03-X</del> 2.02</u> |
| 4. Description and operation of the evaporative emission control system including sketches, drawings and specifications. | <u>9B-1</u> ✓                     |
| 5. Engineering evaluation based on: design similarity <u>X</u><br>test data <u>                    </u>                  | <u>13.02-1</u>                    |
| 6. <u>      </u> Main <u>      </u> Auxiliary non-OEM fuel tanks supplied by<br><br>_____                                | <u>NA</u>                         |
| 7. Fill pipe/access zone requirements(1) are: in compliance <u>X</u><br>exempted <u>                    </u>             | <u>8.15</u> ✓                     |
| 8. Fill pipe specifications.(1)  | <u>8.15</u> ✓                     |
| 9. Fuel fill rate compliance statement.(1)   | <u>16-6</u>                       |
| 10. Agreement to loan vehicles to ARB for testing.   | <u>N/A</u>                        |
| 11. Statements on the use of tune-up labels, vacuum hose routing diagrams.   | <u>7, 16-6, 10A</u>               |
| 12. Recommended evaporative system maintenance, warranty statement and warranted evaporative system parts list.          | <u>6</u> ✓                        |
| 13. Statements on noxious emissions and safety.  | <u>16-1, 2, 3</u> ✓               |

Remarks:

(1) Reference: Air Resources Board Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks, amended December 7, 1982.

Application Processed By: Gary A. Youell 10/98 Date Reviewed By: R. J. Curry 10/13 Date