

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-392
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 Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1989 model-year Ford Motor Company motor vehicles which have a manufacturer's gross vehicle weight rating (GVWR) of 8501 to 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 | KFM05.8BTAX | 5.8 (351) | 1989 A-10-387 |

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>Nitrogen Oxides gm/bhp-hr</u> |
|-----------------------------------|--|--------------------------------------|
| 1.1 | 14.4 | 6.0 |

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

| <u>Engine Family</u> | <u>Hydrocarbons gm/bhp-hr</u> | <u>Carbon Monoxide gm/bhp-hr</u> | <u>Nitrogen Oxides gm/bhp-hr</u> |
|----------------------|-----------------------------------|--|--------------------------------------|
| KFM05.8BTAX | 0.7 | 6.6 | 5.6 |

BE IT FURTHER RESOLVED: That 1989 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.

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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 the 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 22nd day of July, 1988.


K. D. Drachand, Chief
Mobile Source Division

1989 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company

Executive Order A-10-392

Vehicle Models

Fuel Tanks - gallons
Single Tank Dual Tank

| | | |
|-----------------------------|---------------|---------------|
| F-250/F350 Reg. Cab | 19.0 | 19.0/18.2 |
| F-250 Super Cab | Not Available | 19.0/18.2 |
| F-350 Crew Cab | Not Available | 19.0/18.2 |
| F-350 Chassis Cab SRW | 19.0 | 19.0/18.2 |
| F-350 Chassis Cab DRW | 19.0 | 19.0/19.0 |
| E-250/350 Vans & Wagons | 22.0 | 16.0/22.0 |
| E-350 Chassis Cab & Cutaway | 36.0 | Not Available |

Evaporative Emission Families

Evap Family 9HM Evap Calibration 9HM-56-HD-R00

| | | | | | | | |
|------------|---------|---------|--|--|--|--|--|
| Issue Date | 6-30-88 | 17.02-3 | | | | | |
| Revised | | | | | | | |