

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-136  
Relating to Certification of New 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 1979 model-year gasoline engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
7.0L/7.5L "E" (429/460)	429/460	Exhaust Gas Recirculation, Air Injection

Engine Models and Codes as listed on attachments.

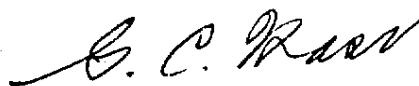
Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
7.0L/7.5L "E" (429/460)	0.6	25	7.4

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 8 day of December, 1978.



G. C. Hass, Chief  
Vehicle Emissions Control Division

## 1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Co. Executive Order No. A-10-136 Page 1

Engine Family 7.0L/7.5L "E" Engine (CID) 429/460

**ABBREVIATIONS**

Ignition System

CA-Centrifugal Advance  
 EI-Electronic Ignition  
 ESAC  
 VA-Vacuum Advance  
 VR-Vacuum Retard

Fuel System

EFI, MFI  
 nV-nVenturi Carburetor  
 VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection  
 CCAV-Comb. Chamber Air Valve  
 EFI-Electronic Fuel Injection  
 EGR-Exhaust Gas Recirculation  
 EM-Engine Modification

ESAC-Electronic Spark Advance  
 Control

MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst  
 PAI-Pulse Air Injection  
 TC-Turbo Charged  
 TR-Thermal Reactor  
 TWC-Three Way Catalyst  
 (Feedback Control)  
 WOC-Warm-up Oxidation  
 Catalyst

Engine Model

429

460

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Co. Page 2  
 Engine Family 7.0L/7.5L"E" Engine (CID) 429 Calibration 9-87G-RO  
 Emission Control System EGR, AI

Engine Models	Ign. Sys. <b>CA, VA</b>  Part Number	Fuel System <b>4V</b>  Part Number	EGR Valve Part No.	Tune-up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed
429	Ford D9TE- 12127-VA	Holley D9TE- 9510-ACC	D8BE- 9D475-BA	(1) 8° BTDC @ 600 RPM in neutral W/Vacuum lines disconnected & plugged at distributor.  (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual.  (3) Automatic: 600 RPM in drive.  Manual: 600 RPM in neutral.

Date of Issue -

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Co. Page 3  
 Engine Family 7.0L/7.5L"E" Engine (CID) 460 Calibration 9-97J-R11  
 Emission Control System EGR, AI

Engine Models	Ign. Sys. CA, VA	Fuel System 4V	EGR Valve Part No.	Tune-up Specifications
	Part Number	Part Number		(1) Basic Timing (2) Idle Mixture (3) Idle Speed
460	Ford D7TE- 12127-APA	Holley D9TE- 9510-AGA	D88E- 9D475-BA	(1) 8° BTDC @ 650 RPM in neutral W/Vacuum hoses disconnected & plugged at distributor.  (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual.  (3) 650 ± 50 RPM in drive.

Date of Issue -

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Co. Page 4  
 Engine Family 7.0L/7.5L"E" Engine (CID) 429 Calibration 9-87G-R10  
 Emission Control System EGR, AI

Engine Models	Ign. Sys. CA, VA  Part Number	Fuel System 4V  Part Number	EGR Valve Part No.	Tune-up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed
429	Ford D9TE- 12127 -AUA	Holley D9TE- 9510-ETA	D8DE- 9D475-CA	(1) 6° BTDC @ 600 RPM in neutral W/Vacuum lines disconnected & plugged at distributor.  (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual.  (3) Automatic: 600 RPM in drive.  Manual: 600 RPM in neutral.

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Co. Page 5  
 Engine Family 7.0L/7.5L"E" Engine (CID) 429 Calibration 9-87G- R11  
 Emission Control System EGR, AI

Engine Models	Ign. Sys. CA, VA  Part Number	Fuel System 4V  Part Number	EGR Valve Part No.	Tune-up Specifications
429	Ford D9TE- 12127 -AVA	Holley D9TE- 9510-ETA	D8DE- 9D475-CA	(1) 6° BTDC @ 600 RPM in neutral W/Vacuum lines disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) Automatic: 600 RPM in drive. Manual: 600 RPM in neutral.