

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-90
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 Ford Motor Company 1977 model-year gasoline-powered engines in heavy-duty motor vehicles are certified for the engine family described below:

<u>Family</u>	<u>Engine Size (CID)</u>	<u>Engine Model</u>	<u>Exhaust Emission Control System</u>
477/534	477 534	475/477 534	Engine Modification (IMCO), Air Injection

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

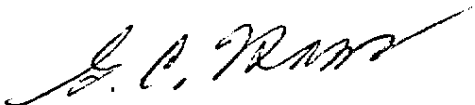
The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following recommended values:

<u>Engine Family</u>	<u>HC + NOx gm/bhp-hr</u>	<u>CO gm/bhp-hr</u>	<u>HC gm/bhp-hr</u>	<u>NOx gm/bhp-hr</u>
477/534	Not Applicable	18	0.5	5.9

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 17 day of December, 1976.


G. C. Hass, Chief
Vehicle Emissions Control Division

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Company Executive Order No. A-10-90 Page 1Engine Family 477/534 Engine (CID) 477 Calibration 7-93J-R-0Emission Control System EM; EM/AIR

Engine Models	Distributor Type: C,V Mfgr. Part No.	Fuel System Type: 1-4V Mfgr. Part No.	EGR System Part No. Service*	Tune-Up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed
475/477	Holley D6HE- 12127-FA	Holley D7HE- 9510-AA		(1) 10° BTDC @ 600 RPM in neutral vacuum lines to distributor disconnected and plugged. (2) Preset at factory; do not adjust; see 1977 Ford Service Manual. (3) 600 RPM in neutral (Air conditioner off)
Comments				
Date of Issue				

AbbreviationDistributor

C-Centrifugal Advance

V-Vacuum Advance

VR-Vacuum Retard

EI-Electronic Ignition

Exhaust Emission Control System

AI-Air Injection

EGR-Exhaust Gas Recirculation

EM-Engine Modification

OC-Oxidation Catalyst

*ServiceI-Inspect, repair, replace
as needed

R-Replace

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Company Executive Order No. A-10-90 Page 2Engine Family 477/534 Engine (CID) 534 Calibration 7-95J-R-0Emission Control System EM; EM/AIR

Engine Models	Distributor Type: V,C Mfgr. Part No.	Fuel System Type: 1-4V Mfgr. Part No.	EGR System Part No. Service*	Tune-Up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed
534	Ford D6HE- 12127-GA	Holley D7HE- 9510-CA		(1) 10° BTDC @ 600 RPM in neutral, vacuum lines to distributor disconnected and plugged. (2) Preset at factory; do not adjust; see 1977 Ford Service Manual. (3) 600 RPM in neutral (Air Conditioner off)
Comments				
Date of Issue				

Abbreviation

Distributor

C-Centrifugal Advance

V-Vacuum Advance

VR-Vacuum Retard

EI-Electronic Ignition

Exhaust Emission Control System

AI-Air Injection

EGR-Exhaust Gas Recirculation

EM-Engine Modification

OC-Oxidation Catalyst

*ServiceI-Inspect, repair, replace
as needed

R-Replace

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Company Executive Order No. A-10-90 Page 3Engine Family 477/534 Engine (CID) 534 Calibration 7-96J-R-0Emission Control System EM; EM/AIR

Engine Models	Distributor Type: C,V Mfgr. Part No.	Fuel System Type: 1-4V Mfgr. Part No.	EGR System Part No. Service*	Tune-Up Specifications (1) Basic Timing (2) Idle Mixture (3) Idle Speed
534	Ford D6HE- 12127-GA	Holley D7HE- 9510-CA		(1) 10° BTDC @ 600 RPM in neutral, vacuum lines to distributor disconnected and plugged. (2) Preset at factory; do not adjust; See 1977 Ford Service Manual. (3) 600 RPM in neutral (Air Conditioner off)
Comments				
Date of Issue				

AbbreviationDistributor

C-Centrifugal Advance

V-Vacuum Advance

VR-Vacuum Retard

EI-Electronic Ignition

Exhaust Emission Control System

AI-Air Injection

EGR-Exhaust Gas Recirculation

EM-Engine Modification

OC-Oxidation Catalyst

*ServiceI-Inspect, repair, replace
as needed

R-Replace