

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-118  
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Ford Motor Company exhaust emission control systems for 1978 model-year medium duty vehicles are certified for the vehicles described below:

Engine Family: 460 "C" (1x160)  
Engine: 460 CID  
Transmission: 3 Speed Automatic  
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
460"C"(1x160)	0.8	7	1.5

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-10 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

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Vehicles 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 25<sup>th</sup> day of July, 1977.

*G. C. Hass by P. J. [Signature]*  
G. C. Hass, Chief  
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-118 Page 1

Engine Family 460 "C" (1X160) Engine (CID) 460

ABBREVIATIONS

Distributor

C-Centrifugal Advance  
V-Vacuum Advance  
VR-Vacuum Retard  
HEI-High Energy Ignition  
EI-Electronic Ignition

Fuel System

EFI, FI  
nV-nVenturi Carburetor  
VV-Variable Venturi

Exhaust Emissions Control System

AI-Air Injection  
CAI-Catalyst Air Injection  
CAB-Chamber Air Bleed  
DD-Dual Displacement  
EFI-Electronic Fuel Injection  
EGR-Exhaust Gas Recirculation  
EM-Engine Modification  
EFE-Early Fuel Evaporation  
ESAC-Electronic Spark Advance Control  
FI-Fuel Injection

OC-Oxidation Catalyst  
PAI-Pulse Air Injection  
RC-Reduction Catalyst  
TC-Turbo Charged  
TR-Thermal Reactor  
TWC-Three Way Catalyst (Feedback Control)  
EGR Syst. Service  
I-Inspect, repair/replace as needed  
R-Replace

<u>Models</u>	<u>Body Type</u>	<u>Wheelbase</u>	<u>Box Design</u>	<u>Trim Levels</u>
T-150	Regular Cab	LWB	B,C	1,2,3,4
	Super Cab	SWB/LWB	C	1,2,3,4
	CC Regular Cab	LWB	A	1,2,3,4
	CC Super Cab	SWB/LWB	A	1,2,3,4
F-250	Regular Cab	LWB	B,C	1,2,3,4
	Super Cab	SWB/LWB	C	1,2,3,4
	Crew Cab	LWB	C	1,3
	CC Regular Cab	LWB	A	1,2,3,4
	CC Super Cab	SWB/LWB	A	1,2,3,4
	CC Crew Cab	LWB	A	1,3
E-250	Regular Van	LWB	D,E,F	5,6,7
	Super Van	LWB	D,E,F	5,6,7,
	Club Wagon	LWB		5,6,7
	Super Wagon	LWB		5,6,7
	Cutaway	LWB	G,H,I	5,6,7

Wheelbase

SWB-Short Wheelbase  
LWB-Long Wheelbase

Box Design

- A. Chassis Cab
- B. Flareside
- C. Styleside
- D. Cargo Van
- E. Display Van
- F. Window Van
- G. Cutaway
- H. Stripped Chassis
- I. Parcel Delivery Van

Trim

- 1. Custom
- 2. Ranger
- 3. Ranger XLT
- 4. Ranger Lariat
- 5. Standard
- 6. Custom
- 7. Chateau

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EM-Engine Modification  
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ESAC-Electronic Spark Advance Control  
FI-Fuel Injection

OC-Oxidation Catalyst  
PAI-Pulse Air Injection  
RC-Reduction Catalyst  
TC-Turbo Charged  
TR-Thermal Reactor  
TWC-Three Way Catalyst  
(Feedback Control)  
EGR Syst. Service  
I-Inspect, repair/replace as needed  
R-Replace

<u>Models</u>	<u>Body Type</u>	<u>Wheelbase</u>	<u>Box Design</u>	<u>Trim Levels</u>
F-150	Regular Cab	LWB	B,C	1,2,3,4
	Super Cab	SWB/LWB	C	1,2,3,4
	CC Regular Cab	LWB	A	1,2,3,4
	CC Super Cab	SWB/LWB	A	1,2,3,4
F-250	Regular Cab	LWB	B,C	1,2,3,4
	Super Cab	SWB/LWB	C	1,2,3,4
	Crew Cab	LWB	C	1,3
	CC Regular Cab	LWB	A	1,2,3,4
	CC Super Cab	SWB/LWB	A	1,2,3,4
	CC Crew Cab	LWB	A	1,3
E-250	Regular Van	LWB	D,E,F	5,6,7
	Super Van	LWB	D,E,F	5,6,7,
	Club Wagon	LWB		5,6,7
	Super Wagon	LWB		5,6,7
	Cutaway	LWB	G,H,I	5,6,7

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Trim

1. Custom  
2. Ranger  
3. Ranger XLT  
4. Ranger Lariat  
5. Standard  
6. Custom  
7. Chateau

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars     Light-Duty Trucks     Medium Duty Vehicles

Manufacturer Ford Motor Company    Executive Order No. A-10-118    Page 2  
 Engine Family 460 "C" (1 X 160)    Engine (CID) 460    Engine Code 8-66U-80

Emission Control System EGR/AIR/OC    +10%(A/C) Yes  No   
 included in listed RLHP

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class RLHP	Distributor Type <b>C V</b> Mfgr. Part Number	Fuel System Type <b>4 V</b> Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	<b>F-150</b>	<b>A-3</b>	<b>5000</b> <b>21.0</b>	<b>Ford</b> <b>D8TE-</b> <b>12127-DA</b>	<b>Ford</b> <b>D8TE-</b> <b>9510-AKA</b>	<b>D8TE</b> <b>9D448-KA</b>  <b>No Service Required</b>	1. $14^{\circ} + 2^{\circ}$ BTDC @ 500 RPM (TSP Off) in neutral with hoses disconnected and plugged at the distributor  2. Preset at factory Do not adjust. See 1978 Ford Service Manual  3. 600 RPM in Drive, 800 RPM in neutral W/TSP Off
	Regular Cab LWB						
	Super Cab SWB, LWB						
	Cab & Chassis Regular Cab SWB, LWB Super Cab SWB, LWB						
	<b>F-250</b>						
	Regular Cab LWB						
Super Cab SWB, LWB Crew Cab LWB	<b>5500</b> <b>21.0</b>						
Cab&Chassis Regular Cab LWB Super Cab SWB Crew Cab LWB	<b>6000</b> <b>28.0</b>						
Cab & Chassis Super Cab-LWB	<b>6500</b> <b>28.0</b>						

Comments: ALL models have special road load HP settings.  
 See page 1 for abbreviations and model codes.

Date of Issue 072577    Revisions: 091977

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars     Light-Duty Trucks     Medium Duty Vehicles

Manufacturer Ford Motor Company    Executive Order No. A-10-118    Page 2a

Engine Family 460 "C" (1 X 160)    Engine (CID) 460    Engine Code 8-66U-RO

Emission Control System EGR/AIR/OC    +10%(A/C)    Yes  No   
 included in listed RLHP

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class RLHP	Distributor Type C V Mfgr. Part Number	Fuel System Type 4 V Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	<u>E-250</u> Regular Van LWB Club Wagon LWB	A-3	<u>5500</u> 21.0	Ford D8TE- 12127-DA	Ford D8UE 9510-AA	D8TE 9D448-KA  No Service Required	1. 14° + 2° BTDC @ 500 RPM (TSP Off) in neutral with hoses disconnected and plugged at the distributor  2. Preset at factory Do not adjust. See 1978 Ford Service Manual  3. 600 RPM in Drive, 800 RPM in neutral W/TSP Off
	Super Van LWB Super Wagon LWB		<u>6000</u> 21.0				

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