 E.O. Book

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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
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".

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 25th day of July, 1977.

G C Hass by P D Machemer

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

Models	Body Type	Wheelbase	Box Design	Trim Levels
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

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

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

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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
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TWC-Three Way Catalyst (Feedback Control)

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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

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

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-RO**

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

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
	F-150						
	Regular Cab LWB	**A-3**	**5000 / 21.0**	**Ford D8TE-12127-DA**	**Ford D8TE-9510-AKA**	**D8TE 9D448-KA**	**1. 14° + 2° BTDC @ 500 RPM (TSP Off) in neutral with hoses disconnected and plugged at the distributor**
	Super Cab SWB, LWB					**No Service Required**	
	Cab & Chassis Regular Cab SWB, LWB Super Cab SWB, LWB		**5000 / 28.0**				**2. Preset at factory Do not adjust. See 1978 Ford Service Manual**
	F-250						**3. 600 RPM in Drive, 800 RPM in neutral W/TSP Off**
	Regular Cab LWB		**5000 / 21.0**				
	Super Cab SWB, LWB Crew Cab LWB		**5500 / 21.0**				
	Cab&Chassis Regular Cab LWB Super CabSWB Crew Cab LWB		**6000 / 28.0**				
	Cab & Chassis Super Cab-LWB		**6500 / 28.0**				

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**

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	E-250 Regular Van LWB Club Wagon LWB	A-3	5500 / 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
	Super Van LWB Super Wagon LWB		6000 / 21.0				2. Preset at factory Do not adjust. See 1978 Ford Service Manual
							3. 600 RPM in Drive, 800 RPM in neutral W/TSP Off

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