E.O. Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-109
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 light duty trucks are certified for the vehicles described below:

Engine Family: 300 "C" (1X100)
Engine: 300 CID
Transmission: 3 Speed Manual
Exhaust Emission Control Systems: Pulse 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
300 "C" (1X100)	0.7	15	1.3

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 13 day of January, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer **Ford Motor Company** Executive Order No. **A-10-109** Page **1**

Engine Family **300 "C" (1 X 100)** Engine (CID) **300**

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

Model	Body Type	Wheelbase	Box Design	Trim Levels
F-100	Regualr Cab	SWB or LWB	A or B	1, 2, 3, 4

Wheelbase
SWB Short Wheelbase
LWB Long Wheelbase

Box Design
A. Styleside
B. Flareside

Trim Level
1. Custom
2. Ranger
3. Ranger XLT
4. Ranger Lariat
5. Camper Special

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-109 Page 1a

Engine Family 300 "C" (1 X 100) Engine (CID) 300

Model	Body Type	Wheelbase	Box Design	Trim Levels
E-100	Regular Van	SWB or LWB	A, B, or C	1, 2, 3
	Club Wagon	SWB	-	1, 2, 3

Wheelbase	Box Design	Trim Level
SWB Short Wheelbase	A. Cargo Van	1. Standard
LWB Long Wheelbase	B. Display Van	2. Custom
	C. Window Van	3. Chateau

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☐ Passenger Cars ☒ Light-Duty Trucks ☐ Medium Duty Vehicles

Manufacturer **Ford Motor Company** Executive Order No. **A-10-109** Page **3**

Engine Family **300 "C" (1 X 100)** Engine (CID) **300** Engine Code **8-51T-R10**

Emission Control System **PAI/EGR/OC** +10%(A/C) 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 1 V Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	E-100 Regular Van SWB	**M/3 M/4 (1)**	**4000/19.5**	**Ford D8TE-12127-AAA**	**Ford D8UE-9510-ZB**	**D8TE-9D448-SA No service required**	**1) 6° + 2° BTDC @ 700 RPM in neutral with hoses disconnected and plugged at the distributor.**
	Regular Van LWB Club Wagon SWB		**4500/19.5**				**2) Preset at factory. Do not adjust. See 1978 Ford Service Manual.**
							3) 700 RPM in neutral with all hoses connected.

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

Date of Issue **1/13/78** Revisions: **(1) R.C. 6T** 040378

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☐ Passenger Cars ☒ Light-Duty Trucks ☐ Medium Duty Vehicles

Manufacturer **Ford Motor Company** Executive Order No. **A-10-109** Page **2**

Engine Family **300 "C" (1 X 100)** Engine (CID) **300** Engine Code **8-51S-R10**

Emission Control System **PAI/EGR/OC** +10%(A/C) 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 1 V Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	F-100 Regular Cab LWB, SWB	**M/3 M/4(1)**	**4000/19.5**	**Ford D8TE-12127-AAA**	**Ford D8TE-9510 BUB**	**D8UE-9D448-KA No Service Required**	**1) 6° ± 2° BTDC @ 700 RPM in neutral with hoses disconnected and plugged at the distributor. 2) Preset at factory. Do not adjust. See 1978 Ford Service Manual. 3) 700 RPM in neutral with all hoses connected.**

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

Date of Issue **1/13/78** Revisions: **(1) R.C. 6T** 040378