

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-113
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: 351M/400 "A" (1X100)
Engine: 351 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>
351M/400 "A" (1X100)	0.8	12	1.2


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 19 day of August 1977.



G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Company Executive Order No. A-10-113 Page 1

Engine Family 351M/400 A (1X100) Engine (CID) 351

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>Vehicle Line</u>	<u>Body Type</u>	<u>Wheelbase</u>	<u>Box Design</u>	<u>Trim Levels</u>
F-100	Regular Cab	SWB or LWB	A or B	1,2,3,4
	Super Cab	SWB or LWB	A	1,2,3,4

<u>Wheelbase</u>	<u>Box Design</u>	<u>Trim Level</u>
SWB Short Wheelbase	A. Styleside	1. Custom
LWB Long Wheelbase	B. Flareside	2. Ranger
		3. Ranger XLT
		4. Ranger Lariat

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium Duty Vehicles

Manufacturer Ford Motor Company Executive Order No. A-10-113 Page 2-

Engine Family 351M/400 "A" (1 X 100) Engine (CID) 351 Engine Code 8-60S-R11

Emission Control System EGR/AI/OC/ +10%(A/C) Yes No
 Allowance for A/C included in RLHP

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class RLHP	Distributor Type C, V Mfgr. Part Number	Fuel System Type 2 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 SWB, LWB Super Cab SWB, LWB	A-3	4500 20.5	Ford D7AE- 12127-BA	Ford D8TE- 9510-CRA	D80E- 9D448-BA	(1) 8° BTDC ± 2° 500 RPM in neutral w/vaccum line disconnected and plugged at distributor. (2) Preset at factory Do not adjust. See 1978 Ford service manual. (3) 650 ± 50 RPM in drive. All hoses connected

Comments: All _____ models have special road load HP settings.
 See page 1 for abbreviations and model codes.
 **No service required

Date of Issue 081877 Revisions:

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium Duty Vehicles

Manufacturer Ford Motor Company Executive Order No. A-10-113 Page 3
 Engine Family 351M/400 "A" (1 X 100) Engine (CID) 351 Engine Code 8-60S-R12

Emission Control System EGR/AI/OC/ +10%(A/C) Yes No
 Allowance for A/C included in RLHP

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class RLHP	Distributor Type C,V Mfgr. Part Number	Fuel System Type 2 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 SWB, LWB Super Cab SWB, LWB	A-3	$\frac{4500}{20.5}$	Ford D7AE- 12127-BA	Ford D8TE- 9510-CRA	D80E- 9D448-BA	(1) 8° BTDC $\pm 2^{\circ}$ 500 RPM in neutral w/vaccum line disconnected and plugged at distributor. (2) Preset at factory Do not adjust. See 1978 Ford service manual. (3) 650 ± 50 RPM in drive. All hoses connected

Comments: All models have special road load HP settings.
 See page 1 for abbreviations and model codes.
 **No service required

Date of Issue 11/15/77 Revisions:
 R/C-38T