State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-81
Relating to Certification of New Motor Vehicles

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 exhaust emission control systems for 1977 model-year light-duty trucks are certified for the engine family described below:

Engine Family: 351M/400 "A" (1CV7)
Engine: 351 CID
Transmission: 3-Speed Automatic
Exhaust Emission Control Systems: Air Injection, Exhaust Gas Recirculation, Oxidation Catalyst

Models: F-100
Regular Cab Short Wheelbase (SWB) Styleside Custom
Regular Cab SWB Flareside Custom
Regular Cab Long Wheelbase (LWB) Styleside Custom
Regular Cab LWB Flareside Custom
Regular Cab SWB Styleside Ranger
Regular Cab SWB Flareside Ranger
Regular Cab LWB Styleside Ranger
Regular Cab LWB Flareside Ranger
Regular Cab SWB Styleside Ranger XLT
Regular Cab SWB Flareside Ranger XLT
Regular Cab LWB Styleside Ranger XLT
Regular Cab LWB Flareside Ranger XLT
Regular Cab SWB Styleside Explorer
Regular Cab SWB Flareside Explorer
Regular Cab LWB Styleside Explorer
Regular Cab LWB Flareside Explorer
Regular Cab SWB Styleside Custom Decor
Regular Cab SWB Flareside Custom Decor
Regular Cab LWB Styleside Custom Decor
Regular Cab LWB Flareside Custom Decor

F-100 (Continued)

Super Cab SWB Styleside Custom
Super Cab SWB Flareside Custom
Super Cab LWB Styleside Custom
Super Cab LWB Flareside Custom
Super Cab SWB Styleside Ranger
Super Cab SWB Flareside Ranger
Super Cab LWB Styleside Ranger
Super Cab LWB Flareside Ranger
Super Cab SWB Styleside Ranger XLT
Super Cab SWB Flareside Ranger XLT
Super Cab LWB Styleside Ranger XLT
Super Cab LWB Flareside Ranger XLT
Super Cab SWB Styleside Explorer
Super Cab SWB Flareside Explorer
Super Cab LWB Styleside Explorer
Super Cab LWB Flareside Explorer
Super Cab SWB Styleside Custom Decor
Super Cab SWB Flareside Custom Decor
Super Cab LWB Styleside Custom Decor
Super Cab LWB Flareside Custom Decor
Regular Chassis Cab SWB Styleside Custom
Regular Chassis Cab SWB Flareside Custom
Regular Chassis Cab LWB Styleside Custom
Regular Chassis Cab LWB Flareside Custom
Regular Chassis Cab SWB Styleside Ranger
Regular Chassis Cab SWB Flareside Ranger
Regular Chassis Cab LWB Styleside Ranger
Regular Chassis Cab LWB Flareside Ranger
Regular Chassis Cab SWB Styleside Ranger XLT
Regular Chassis Cab SWB Flareside Ranger XLT
Regular Chassis Cab LWB Styleside Ranger XLT
Regular Chassis Cab LWB Flareside Ranger XLT
Regular Chassis Cab SWB Styleside Explorer
Regular Chassis Cab SWB Flareside Explorer
Regular Chassis Cab LWB Styleside Explorer
Regular Chassis Cab LWB Flareside Explorer
Regular Chassis Cab SWB Styleside Custom Decor
Regular Chassis Cab SWB Flareside Custom Decor
Regular Chassis Cab LWB Styleside Custom Decor
Regular Chassis Cab LWB Flareside Custom Decor

F-100 (Continued)

Super Cab Chassis Cab SWB Styleside Custom
Super Cab Chassis Cab SWB Flareside Custom
Super Cab Chassis Cab LWB Styleside Custom
Super Cab Chassis Cab LWB Flareside Custom
Super Cab Chassis Cab SWB Styleside Ranger
Super Cab Chassis Cab SWB Flareside Ranger
Super Cab Chassis Cab LWB Styleside Ranger
Super Cab Chassis Cab LWB Flareside Ranger
Super Cab Chassis Cab SWB Styleside Ranger XLT
Super Cab Chassis Cab SWB Flareside Ranger XLT
Super Cab Chassis Cab LWB Styleside Ranger XLT
Super Cab Chassis Cab LWB Flareside Ranger XLT
Super Cab Chassis Cab SWB Styleside Explorer
Super Cab Chassis Cab SWB Flareside Explorer
Super Cab Chassis Cab LWB Styleside Explorer
Super Cab Chassis Cab LWB Flareside Explorer
Super Cab Chassis Cab SWB Styleside Custom Decor
Super Cab Chassis Cab SWB Flareside Custom Decor
Super Cab Chassis Cab LWB Styleside Custom Decor
Super Cab Chassis Cab LWB Flareside Custom Decor

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model vehicles:

Engine Family	Hydrocarbons Grams per Miles	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
351/400 "A" (1CV7)	0.6	2.5	1.8

BE IT FURTHER RESOLVED: That this certification is contingent upon Ford Motor Company affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Ford Motor Company listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

FORD MOTOR COMPANY EXECUTIVE ORDER A-10-81

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 6 day of August, 1976.

G. C. Hass, Chief
Division of Vehicle Emissions Control

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☐ Passenger Cars ☒ Light-Duty Trucks

Manufacturer Ford Motor Company Executive Order No. A-10-81 Page 1

Engine Family 351/400 "A" (1CV7) Engine (CID) 351 Engine Code 7-60S-RO

Emission Control System AI-EGR-OC +10%(A/C) Yes ☒ No ☐

Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Distributor Type: C,V, EI Mfgr. Part Number	Fuel System Type: 1-2V 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 Super Cab LWB SWB Regular Chassis Cab LWB SWB Super Cab Chassis Cab LWB SWB	A/T3 C6-7T1	5000(1)	Ford D7AE- 12127-BA	Ford D7TE- 9510-ALA	D7AE- 9D448-FA	(1) 8° BTDC @ 500 RPM in Neutral; Vacuum line disconnected and plugged at distributor (3) 650 RPM in Drive (2) Present at factory do not adjust, see 1977 Ford Service Manual,

Comments : Axle Ratio 2.75, 3.25
**No Service
(1) Actual inertia weight is 4500 lb

Date of Issue

R/C 351M/400 "A" (1CV7)-4T 020177
R/C 351M/400 "A" (1CV7)-55T 042077

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 Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
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
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor

*Service
I-Inspect, repair/replace as needed
R-Replace