

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-163

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 1979 model-year gasoline-powered light duty trucks are certified for the vehicles described below:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
5.0"B" (1X150)	302	Exhaust Gas Recirculation, Air Injection, Oxidation Catalyst

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

<u>Engine Family</u>	<u>.Inertia .Weight .Class</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
5.0"B"(1X150)	4500	0.26	1.2	1.6

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

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 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.

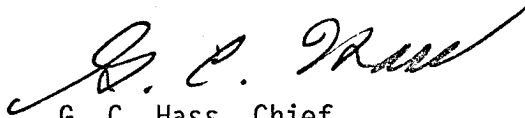
FORD MOTOR COMPANY

EXECUTIVE ORDER A-10-163
(Page 2 of 2)

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 31 day of July, 1978.



G. C. Hass, Chief
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Co. Executive Order No. A-10-163 Page 1

Engine Family 5.0 "B" (1 X 150) Engine (CID) 302

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Exhaust Emissions Control System

AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst
(Feedback Control)
WOC-Warm-up Oxidation
Catalyst

Fuel System

EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

ESAC-Electronic Spark Advance
Control
MFI-Mechanical Fuel Injection

<u>Model</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
	Regular Cab Chassis Cab	SWB or LWB	-	1, 2, 3, 4
E-100	Regular Van	SWB or LWB	C, D, or E	5, 6, 7
	Club Wagon	SWB	-	5, 6, 7
	<u>Wheelbase</u>		<u>Box Design</u>	<u>Trim Levels</u>
	SWB Short Wheelbase		A. Styleside	1. Custom
	LWB Long Wheelbase		B. Flareside	2. Ranger
			C. Cargo Van	3. Ranger XLT
			D. Display Van	4. Ranger Lariat
			E. Window Van	5. Standard
				6. Custom
				7. Chateau

Evaporative Family: **TD, TN**

Date of issue Revisions

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-10-163

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles

Manufacturer Ford Motor Company Page 2

Engine Family 5.0 "B" (1 X 150) Engine (CID) 302 Engine Code** 9-54S-ROB

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys. CA, VA Part Number	Fuel System 2 V Part Number	EGR Valve Part Number	Tune-up Specification
	F-100 Regular Cab SWB, LWB Cab & Chassis Regular Cab SWB, LWB	A-3	4000	Ford D9TE- 12127-AHA	Ford D9TE- 9510-BSA (1) D9TE- 9510-BSB	D8ZE- 9D448-AA	(1) 8° BTDC @ 550 RPM in neutral W/Vacuum line disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) 650 ± 50 RPM in drive. 550 ± 50 RPM in neutral TSP Off. All hoses connected.

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

**Engine Code Letter Suffix (Air Condition): A - A/C, N - Non A/C, B - Both A/C & Non A/C

Date of Issue - Revisions (1) 082978, R/C 5.0-102, added carb. P/N

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles

Manufacturer Ford Motor Company Page 3
 Engine Family 5.0 "B" (1 X 150) Engine (CID) 302 Engine Code** 9-54U-ROB

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys. CA, VA Part Number	Fuel System 2 V Part Number	EGR Valve Part Number	Tune-up Specification
E-100	Regular Cab SWB, LWB Club Wagon SWB	A-3	4500	Ford D9TE- 12127-AHA	Ford D9TE- 9510-BSA	D9UE- 9D448-DA	(1) 6° BTDC @ 550 RPM in neutral W/Vacuum line disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) 650 ± 50 RPM in drive. 550 ± 50 RPM in neutral TSP Off. All hoses connected.

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Date of Issue - Revisions

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

E.O. #A-10-163

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles

Manufacturer Ford Motor Company Page 4
 Engine Family 5.0 "B" (1 X 150) Engine (CID) 302 Engine Code** 9-54S-R10B
 Emission Control System EGR, AI, OC + 10% (A/C) Yes No

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys. CA, VA Part Number	Fuel System 2 V Part Number	EGR Valve Part Number	Tune-up Specification
	F-100 Regular Cab SWB, LWB Cab & Chassis Regular Cab SWB, LWB	A-3	4000	Ford D9TE- 12127-AHA	Ford D9TE- 9510-DHA D9TE- 9510-DHB	D8ZE- 9D448-AA	(1) 8° BTDC @ 550 RPM in neutral W/Vacuum line disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) 650 ± 50 RPM in drive. 550 ± 50 RPM in neutral TSP Off. All hoses connected.

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

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Date of Issue - R/C 5.0-121 111578

Revisions

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles

Manufacturer Ford Motor Company

Page 5

Engine Family 5.0 "B" (1 X 150)

Engine (CID) 302

Engine Code** 9-54U-R10B

Emission Control System EGR, AI, OC

+ 10% (A/C)

Yes No

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys. CA, VA Part Number	Fuel System 2 V Part Number	EGR Valve Part Number	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
E-100	Regular Cab SWB, LWB Club Wagon SWB	A-3	4500	Ford D9TE- 12127-AHA	Ford D9TE- 9510-DHA D9TE- 9510-DHB	D9UE- 9D448-DA	(1) 6° BTDC @ 550 RPM in neutral W/Vacuum line disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) 650 ± 50 RPM in drive. 550 ± 50 RPM in neutral TSP Off. All hoses connected.

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Revisions