

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-175
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 are certified as described below for 1980 model-year gasoline-powered medium duty vehicles.

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
5.0 NB	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>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
5.0 NB	0.8	12	2.0

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".

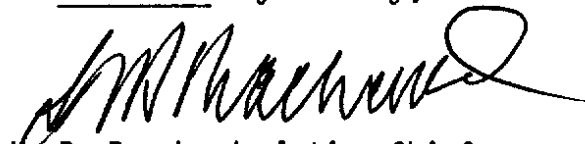
BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

BE IT FURTHER RESOLVED: That Ford Motor Company has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 20th day of July, 1979.


K. D. Drachand, Acting Chief
Mobile Source Control Division

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Manufacturer Ford Executive Order No. A-10-175 Page 1

Engine Family 5.0 NB Engine (CID) 302

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
 EEC-Electronic Engine Control
 EI-Electronic Ignition
 ESAC-Electronic Spark Advance Control
 VA-Vacuum Advance
 VR-Vacuum Retard

Exhaust Emissions Control System

AI-Air Injection
 CL-Closed Loop
 EGR-Exhaust Gas Recirculation
 EM-Engine Modification
 OC-Oxidation Catalyst
 PAI-Pulse Air Injection
 TR-Thermal Reactor
 TWC-Three Way Catalyst

Special Features

CCAV-Combustion Chamber Air Valve
 EFI-Electronic Fuel Injection
 MFI-Mechanical Fuel Injection
 TC-Turbo Charged

Fuel System

EFI, MFI
 nV-nVenturi Carburetor
 VV-Variable Venturi

<u>Model</u>	<u>Body Type</u>	<u>Wheelbase</u>	<u>Box Design</u>	<u>Trim Levels</u>
F150	Regular Cab	LWB	A	1,2,3,4
F150	Super Cab	SWB or LWB	A	1,2,3,4
F250	Regular Cab	LWB	A	1,2,3,4
	Super Cab	SWB or LWB	A	1,2,3,4
E150 4x4	Regular Cab	SWB or LWB	A	1,2,3,4
		SWB	B	1,3
F250 4x4	Regular Cab	LWB	A	1,2,3,4
Bronco 4x4	Standard	Std.	-	1,3
E150	Regular Van	SWB or LWB	C,D or E	1,5,6
	Super Van	LWB	C,D or E	1,5,6
	Club Wagon	SWB or LWB	-	1,5,6
E250	Regular Van	LWB	C,D, or E	1,5,6
	Club Wagon	LWB	-	1,5,6

Box Design

A. Styleside
 B. Flareside
 C. Cargo Van
 D. Display Van
 E. Window Van

Trim Level

1. Custom
 2. Ranger
 3. Ranger XLT
 4. Ranger Lariat
 5. Standard
 6. Chateau

Wheelbase

LWB - Long Wheelbase
 SWB - Short Wheelbase

Evap. Family ~~TV-8~~

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1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Ford Page 2

Engine Family 5.0 NB CID-Type 302 Engine Code* 0-53N-R00A

ECS (Special Features) AI, EGR, OC + 10% (A/C) Yes No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System VA, CA Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident.
	F-150 Regular Cab LWB	M-3 M-4	4250	Ford EOTE- 12127-BA	Ford EOTE- 9510-CFA	EOTE- 9D448-UA	BHJ
	Super Cab SWB LWB		4500				
			(4000) (4500)				

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 -

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Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Ford Page 2a

Engine Family 5.0 NB CID-Type 302 Engine Code* 0-53N-R00N

ECS (Special Features) AI, EGR, OC + 10% (A/C) Yes No X

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System	Fuel System	EGR Valve	Label Ident.
				Part No.	Part No.	Part No.	
	F-150 Regular Cab LWB	M-3 M-4	4000	Ford EOTE- 12127-BA	Ford EOTE- 9510-CFA	EOUE- 9D448-UA	BHJ
	Super Cab SWB LWB		4250 4500				
			(4000) (4500)				

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 -

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Manufacturer Ford Page 3

Engine Family 5.0 NB CID-Type 302 Engine Code * 0-53Q-R00A

ECS (Special Features) AI, EGR, OC + 10% (A/C) Yes No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System VA, CA Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident.
	F-150 4 x 4 Regular Cab SWB LWB	M-4	4500	Ford EOTE-12127-BA	Ford EOTE-9510-CFA	EOUE-9D448-JA	BHG
	Bronco 4 x 4		5000				
			(4500) (5000)				

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

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1980 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer FordPage 3aEngine Family 5.0 NBCID-Type 302Engine Code 0-530-R00NECS (Special Features) AI, EGR, OC

+ 10% (A/C)

Yes No X

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System VA, CA Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident.
	F-150 4x4 Regular Cab SWB LWB Bronco 4x4	M-4	4500 5000 (4500) (5000)	Ford EOTE- 12127-BA	Ford EOTE- 9510-CFA	EOUE- 9D448-SA	BHG

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 -

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Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Ford Page 4

Engine Family 5.0 NB CID-Type 302 Engine Code* 0-54P-R00A/N

ECS (Special Features) AI, EGR, OC + 10% (A/C) Yes No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident.
	F-250 Regular Cab LWB Super Cab SWB LWB	A-3	4250 4500 (4000) (4500)	Ford EOTE- 12127-JA	Ford EOTE- 9510-BEA	EOTE- 9D448-PA	BHD

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 -

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Passenger Cars Light-Duty Trucks Medium-Duty Vehicles Gas Diesel

Manufacturer Ford Page 5

Engine Family 5.0 NB CID-Type 302 Engine Code 0-54M-R00A/N

ECS (Special Features) AI, EGR, OC + 10% (A/C) Yes No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System CA, VA Part No.	Fuel System 1-2V Part No.	EGR Valve Part No.	Label Ident.
	F-150 4x4 Regular Cab SWB LWB	A-3	4250 4500	Ford EOTE-12127-DA	Ford EOTE-9510-BEA	EOTE-9D448-PA	BHH
	F-250 4x4 Regular Cab Bronco 4x4		4750				
			(4000) (4500)				

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

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Manufacturer Ford Page 7

Engine Family 5.0 NB CID-Type 302 Engine Code * -

ECS (Special Features) AI, EGR, OC + 10% (A/C) Yes No

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Test Weight Class (Inertia)	Ign. System	Fuel System	EGR Valve	Label Ident.	
				CA, VA	1-2V			
				Part No.	Part No.	Part No.		
<u>0-54T-ROOB</u>	<u>E-150</u> <u>Regular Van</u>	<u>A-3</u>		<u>Ford</u>	<u>Ford</u>	<u>EOUE</u>	<u>BHV</u>	
<u>0-54T-R10B</u> **	<u>SWB</u> <u>LWB</u>		<u>4500</u> <u>4750</u>	<u>EOTE-</u> <u>12127-DA</u>	<u>EOUE-</u> <u>9510-NA</u>	<u>9D448-CA</u>		<u>CBE**</u>
	<u>Super Van</u> <u>LWB</u>		<u>5000</u>					
	<u>Club Wagon</u> <u>SWB</u> <u>LWB</u>		<u>4750</u> <u>5000</u>					
			<u>(4500)</u> <u>(5000)</u>					

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 - 7-20-79

** 4-30-80 RC# 5.0-150(chg tim -4°)

