State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-147
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 1979 model-year gasoline-powered medium duty vehicles are certified for the vehicles described below:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
5.8 W "D" (1 X150)	351	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:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
5.8 " "D" (1 X150)	0.8	15	1.4

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.

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-10-147 Page 1

Engine Family 5.8W "D" (1 X 150) Engine (CID) 351

ABBREVIATIONS

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

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

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

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

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

Model	Body Type	Wheelbase	Box Design	Trim Levels
E-150	Regular Van	SWB, LWB	A, B, C	1, 2, 3
	Super Van	LWB	A, B, C	1, 2, 3
	Club Wagon	SWB, LWB	-	1, 2, 3
	Super Wagon	LWB	-	1, 2, 3
E-250	Regular Van	LWB	A, B, C	1, 2, 3
	Super Van	LWB	A, B, C	1, 2, 3
	Club Wagon	LWB	-	1, 2, 3
	Super Wagon	LWB	-	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. Custom

Evaporative Family: TD, TN

Date of issue Revisions

E.O. #A-10-147

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

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Engine Family 5.8W "D" (1 X 150) Engine (CID) 351 Engine Code ** 9-64H-ROB

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	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-250 Regular Van LWB Super Van LWB Club Wagon LWB Super Wagon LWB	A-3	5000 (3.31)	Ford D9UE-12127-BA D9UE-12127-PA (1)	Ford D9UE-9510-DA D9UE-9510-DB (1) D9UE-9510-PA (2)	D9UE-9D448-AA	(1) 12° BTDC @ 500 RPM in neutral W/Vacuum line disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) 600 ± 50 RPM in drive. 500 ± 50 RPM in neutral W/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.

* Axle ratio is that of medium duty certification vehicle.

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

Date of Issue - 073178 Revisions (1) 083078 R/C 5.8W-103 added carb. and distributor P/Ns
(2) Added Carb. P/N per part I update ltr dated 110778

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1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[ ] Passenger Cars [ ] Light-Duty Trucks [X] Medium-Duty Vehicles

Manufacturer Ford Motor Company Page 3

Engine Family 5.8W "D" (1 X 150) Engine (CID) 351 Engine Code ** 9-64S-ROB

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	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-150 Regular Van SWB, LWB Super Van LWB Club Wagon SWB, LWB	A-3	4500 (2.75)	Ford D9UE-12127-HA D9UE-(1) 12127-SA	Ford D9UE-9510-DA D9UE-(1) 9510-DB (2) D9UE-9510-PA	D9UE-9D448-EA	(1) 8° BTDC @ 500 RPM in Neutral W/Vacuum line disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) 600 ± 50 RPM in drive. 500 ± 50 RPM in neutral W/TSP Off. All hoses connected.
	E-150 Super Wagon LWB		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.

* Axle ratio is that of medium duty certification vehicle.

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1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

[ ] Passenger Cars [ ] Light-Duty Trucks [X] Medium-Duty Vehicles

Manufacturer Ford Motor Company

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Engine Family 5.8W "D" (1X150) Engine (CID) 351 Engine Code** 9-64G-R10B

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Ign. Sys. CA, VA	Fuel System 1-2V	EGR Valve	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	E-150 Regular Van SWB, LWB Super Van LWB Club Wagon SWB, LWB Super Wagon LWB	A-3	4500 (2.75) 5000	Ford D9UE- 12127-SA D9UE- 12127-HA	Ford D9UE- 9510-DA D9UE- 9510-DB	D9UE- 9D448-AA	1) 10° BTDC @ 500 RPM in neutral W/Vacuum line disconnected & plugged at distributor. 2) Preset at factory Do not adjust. See 1979 Ford Service Manual. 3) 600 ± 50 RPM in drive. 500 ± 50 RPM in neutral W/TSP Off. All hoses connected.

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

Date of Issue - R/C5.8W-143 060479

Revisions