

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-228  
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; 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 1983 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered passenger cars.

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
DFM2.3V1HPC2	140 (2.3)	Air Injection - Pump Exhaust Gas Recirculation Three Way Catalyst with Closed Loop

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

The following are the emission standards for this engine family to be listed on the window decal required by California Assembly-Line Test Procedures for 1983 model-year vehicles:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
0.39	7.0	0.7

The following are the certification emission values for this engine family:

<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
<del>0.31</del> 0.35	<del>3.3</del> 3.8	0.6

BE IT FURTHER RESOLVED: That the listed vehicle models were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.15 of Title 13, California Administrative Code which includes repair or replacement of emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

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."

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 the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the Executive Officer has been provided 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 21 day of July, 1982.

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



1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company E.O. #A -10-228

Engine Family DFM2.3V1HPC2 CID (liter) - Type 140 (2.3)

ECS (Special Features) EGR/ATP/TWC/ CL

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label
				Part No.	Part No.	Part No.	Part No.
305PR01A*	Must 61B (9.4)	M5327A	3125	E3ZE-12127-DA	E3ZE-9510-VA	E3ZE-9H495-FA	E3AE-9C485-DCF
	Must B2L (11.2)		3250				
	Must 66B (9.5)		3000				
	Must 61B (9.4)	M4398	3125				
	Must B2L (11.2)		3250				
	Must 66B (9.5)		3000				
	Fair 66B (10.7)		3125				
	LTD 54D (9.4)		3250				
5PR01N	Must 61B (8.5)	M5327A	3000	E3ZE-12127-DA	E3ZE-9510-VA or YA	E3ZE-9H495-FA	E3AE-9C485-DCF
	Must B2L (10.2)		3125				
	Must 66B (8.6)		3000				
	Must 61B (8.5)	M4398	3000				
	Must B2L (10.2)		3125				
	Must 66B (8.6)		3000				
	Fair 66B (9.7)		3000				
	LTD 54D (8.5)		3250				

Comments: See page one for abbreviations and evaporative emission family identification.  
If two test weights are listed, the lower weight will be used for testing.

\* With Air Conditioning

Date of Issue - 7/19/82  
Revisions:

11981

Engine Family D2.3 VPC

Issue Date	7-12-82	16.02.03						
Revised								



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

Manufacturer Ford Motor Company    I.O. # A-10-228

Engine Family DFM2.3V1HPC2    CID (liter) - Type 140 (2.3L)

ECS (Special Features) EGR/AIP/TWC/EGS

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				Part No.	Part No.	Part No.	Part No.
305PR01A*	Cpri 61D (9.1) Cpri 61D (9.1) Zeph 54D (10.7) Zeph 36R (10.7) Mrqs 54D (9.4)	M5327A M4398	3125   3250	E3ZE-12127- DA	E3ZE-9510- VA	E3ZE-9H495 -FA	E3AE-9C DGF
305PR01N	Cpri 61D (8.3) Cpri 61D (8.3) Zeph 54D (9.7) Zeph 36R (9.7) Mrqs 54D (8.5)	M5327A M4398	3000 3000 <u>2/</u> 3000 3250	E3ZE-12127- DA	E3ZE-9510- VA or YA	E3ZE-9H495 FA	E3AE-9C DGF
306PR01A*	Cpri 61D (9.1) Zeph 36R (10.7) Zeph 54D (10.7) Mrqs 54D (9.4)	C3020 & C3- 025 <u>1/</u>	3125   3250	E3ZE-12127- DA	E3ZE-9510- ACA	E3ZE-9H495 GA	E3AE-9C DFV
306NR01N	Cpri 61D (8.3) Zeph 54D (9.7) Zeph 36R (9.7) Mrqs 54D (8.5)	C3020 & C3- 025 <u>1/</u>	3125   3250	E3ZE-12127- DA	E3ZE-9510- ABA or ACA	E3ZE-9H495 GA	E3AE-9C4 DFV

Comments: See page one for abbreviations and evaporative emission family identification.  
If two test weights are listed, the lower weight will be used for testing.

\* With Air Conditioning

2/ Per R/C 2.3-19

1/ Added Per R/C 2.3-13

Date of Issue - 07/19/82  
Revisions: 02/01/83

1981

Engine Family D2.3 VPC

Issue Date	7-12-82	16.02.05						
Revised	1-4-83	1-14						

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

Manufacturer Ford Motor Company E.O. #A 10-228

Engine Family D2.3V1HPC2 CID (liter) - Type 140 (2.3L)

ECS (Special Features) EGR/AIP/TWC/EGS

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				Part No.	Part No.	Part No.	Part No.
306NR01A*	Must 61B (9.4)	C3020 & C3-025 <u>1</u> /	3125	E3ZE-12127 -DA	E3ZE-9510- ACA	E3ZE- 9H495-GA	E3AE-9C4S DFV
	Must 66B (9.5)						
	Fair 54B (10.7)		3250				
	Fair 66B (10.7)						
	Fair 36R (10.7)						
	LTD 54D (9.4)						
306NR01N	Must 61B (8.5)	C3020 & C3-025 <u>1</u> /	3000	E3ZE-12127 -DA	E3ZE-9510- ABA or ACA	E3ZE- 9H495-GA	E3AE-9C4S DFV
	Must 66B (8.6)						
	Fair 54B (9.7)		3125				
	Fair 66B (9.7)						
	Fair 36R (9.7)						
	LTD 54D (8.5)						

Comments: See page one for abbreviations and evaporative emission family identification.  
If two test weights are listed, the lower weight will be used for testing.

\* With Air Conditioning

1/ Added Per R/C 2.3-13

Date of Issue -  
Revisions:

1081

Engine Family D2.3 VPC

Issue Date	7-12-82	16.02.04						
Revised	1-4-83							

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

Manufacturer Ford Motor Company E.O. #A 710-228

Engine Family DFM2.3V1HPC2 CID (liter) - Type 140 (2.3L)

ECS (Special Features) EGR/AIP/TWC/EGS

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				Part No.	Part No.	Part No.	Part No.
305PR01A*	Cpri 61D (9.1) Cpri 61D (9.1) Zeph 54D (10.7) Zeph 36R (10.7) Mrqs 54D (9.4)	M5327A M4398	3125   3250	E3ZE-12127- DA	E3ZE-9510- VA	E3ZE-9H495 -FA	E3AE-9C4 DFV
305PR01N	Cpri 61D (8.3) Cpri 61D (8.3) Zeph 54D (9.7) Zeph 36R (9.7) Mrqs 54D (8.5)	M5327A M4398	3000  3125 3000 3250	E3ZE-12127- DA	E3ZE-9510- VA or YA	E3ZE-9H495 FA	E3AE-9C4 DFV
306R01A*	Cpri 61D (9.1) Zeph 36R (10.7) Zeph 54D (10.7) Mrqs 54D (9.4)	C3020 & C3- 025 <u>1/</u>	3125  3250	E3ZE-12127- DA	E3ZE-9510- ACA	E3ZE-9H495 GA	E3AE-9C4 DFV
306NR01N	Cpri 61D (8.3) Zeph 54D (9.7) Zeph 36R (9.7) Mrqs 54D (8.5)	C3020 & C3- 025 <u>1/</u>	3125  3250	E3ZE-12127- DA	E3ZE-9510- ABA or ACA	E3ZE-9H495 GA	E3AE-9C4 DFV

Comments: See page one for abbreviations and evaporative emission family identification.  
If two test weights are listed, the lower weight will be used for testing.

\* With Air Conditioning

1/ Added Per R/C 2.3-13

Date of Issue -  
Revisions:

1981

Engine Family D2.3 VPC

Issue Date	7-12-82	16.02.05						
Revised	1-4-83							



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

Manufacturer Ford Motor Company E.O. #A-10-228

Engine Family DFM2.3V1HPC2 CID (liter) - Type 140 (2.3L)

ECS (Special Features) EGR/AIP/TWC/EGS

Engine Code	Vehicle Models (Dyno. Hp.)	Trans.	Equiv. Test Weight	Ign. System	Fuel System	EGR Valve	Label Ident.
				Part No.	Part No.	Part No.	Part No.
3-06N-R10A*	Cpri 61D (9.1) Zeph 36R (10.7) Zeph 54D (10.7) Mrqs 54D (9.4)	C3020 & C3-025 <u>1/</u>	3125  3250	EOEE-12127 --- -BA	E3ZE-9510- ACA	E3ZE-9H495 GA	E3AE-9C4 DTK
3-06N-R10N	Cpri 61D (8.3) Zeph 54D (9.7) Zeph 36R (9.7) Mrqs 54D (8.5)	C3020 & C3-025 <u>1/</u>	3125  3250	EOEE-12127 -BA	E3ZE-9510- ABA or ACA	E3ZE-9H495 GA	E3AE-9C4 DTK

Comments: See page one for abbreviations and evaporative emission family identification.  
If two test weights are listed, the lower weight will be used for testing.

1/Added Per R/C 2.3-13

\* With Air Conditioning

ADDED by R/C 2.3-5

Date of Issue -  
Revisions:

Engine Family D2.3VPC

Issue Date	12-22-82	16.02.05.01						
Revised	1-4-83							