EO Book

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-154
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 1979 model-year gasoline-powered passenger cars:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
5.8W "BV" (2TT95x95)	351	Exhaust Gas Recirculation, Air Injection, Three Way 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
5.8W "BV" (2TT95x95)	0.19	2.5	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.

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 11 day of August, 1978.

G. C. Hass, Chief
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer **Ford Motor Co.** Executive Order No. **A-10-154** Page 1

Engine Family **5.8W"BV"(2TT95X95)** 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

Models	Body Type	Body Code	Nameplate
Ford	2-Door Sedan	66H	Ford LTD
	2-Door Sedan	66K	Ford LTD Landau
	4-Door Sedan	54H	Ford LTD
	4-Door Sedan	54K	Ford LTD Landau
	Station Wagon	74H	Ford LTD
Mercury	2-Door Sedan	66H	Mercury Marquis
	2-Door Sedan	66K	Mercury Marquis Brougham
	2-Door Sedan	66L	Mercury Grand Marquis
	4-Door Sedan	54H	Mercury Marquis
	4-Door Sedan	54K	Mercury Marquis Brougham
	4-Door Sedan	54L	Mercury Grand Marquis
	Station Wagon	74H	Mercury Marquis
		74K	Mercury Marquis Colony Park

Evaporative Family: P

Date of issue 081178 Revisions 083078 R/C A11-5 added models

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1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

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Engine Family 5.8W"BV"(2TT95X95) Engine (CID) 351 Engine Code** 9-12P-ROB

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys. EEC Part Number	Fuel System 2VV Part Number	EGR Valve Part Number	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Mercury Sedan 54H 66H 66K	A-3	4000	D9AE-12A649-BC	Ford D9AE-9510-ACA	D90E-9F483-AA	(1) Ignition timing & timing RPM are not adjustable. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) 620 RPM in drive W/Evaporative purge line disconnected & plugged.
	Mercury Sedan 54L 54K 66L						
	Station Wagon 74H 74K		4500				
	Ford Sedan 54H 54K 66H 66K		4000				
	Ford Station Wagon 74H		4500				Diagnostic Procedure Test Sequence II Spark Advance 9° to 13°, EGR Voltage 4.8 to 5.8

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 - 081178 Revisions 093078 R/C A11-5 added models. R/C A11-9, revise IWC, 100578.

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1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

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Engine Family 5.8W"BV"(2TT95X95) Engine (CID) 351 Engine Code** 9-12N-ROB

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys. EEC Part Number	Fuel System 2VV Part Number	EGR Valve Part Number	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Mercury Sedan 54H 66H 66K Ford Sedan 54H 54K 66H 66K	A-3	4000	D9AE-12A649-CC	Ford D9AE-9510-ACA	D90E-9F483-AA	(1) Ignition timing & timing RPM are not adjustable. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) 620 RPM in drive W/Evaporative purge line disconnected & plugged. Diagnostic Procedure Test Sequence II Spark Advance 4° to 9°, EGR Voltage 3.0 to 4.3

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 - 081178 Revisions 083078 R/C A11-5 added models

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer Ford Motor Company

Engine Family 5.8W"BV"(2TT95X95) Engine (CID) 351 Engine Code** 9-12P-R10B

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys. EEC Part Number	Fuel System 2VV Part Number	EGR Valve Part Number	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	Mercury Sedan 54H 66H 66K	A-3	4000	D9AE-12A649-BC	Ford D9AE-9510-ACA -BAA	D9OE-9F483-AA	(1) Ignition timing & timing RPM are not adjustable.
	Mercury Sedan 54L 54K 66L						(2) Preset at factory. Do not adjust. See 1979 Ford Service Manual.
	Station Wagon 74H 74K		4500				(3) 620 RPM in drive W/Evaporative purge & EGR lines disconnected & plugged.
	Ford Sedan 54H 54K 66H 66K		4000				
	Ford Station Wagon 74H		4500				Diagnostic Procedure Test Sequence II Spark Advance 9° to 13°, EGR Voltage 4.8 to 5.8

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 - R/C 5.8W-10 011879

Revisions: