State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-145
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)
5.8 M/6.6 "D" (2 X 124)	351 400	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 M/6.6 "D" (2 X 124)	0.33	3.6	1.3

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

Executed at El Monte, California this 28 day of September, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Ford Motor Co. Executive Order No. A-10-145 Page 1

Engine Family 5.8M/6.6"D"(2x124) Engine (CID) 351/400

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	Body Code	Model Name
Ranchero	Ranchero	97D	Ranchero
	Ranchero	97K	Ranchero Squire
	Ranchero	97R	Ranchero GT
LTD II	2-Door Sedan	65B	LTD II S
	2-Door Sedan	65D	LTD II, LTD II Brougham
	4-Door Sedan	53B	LTD S
	4-Door Sedan	53D	LTD II, LTD II Brougham
Cougar	2-Door Sedan	65D	Mercury Cougar/Mercury Cougar Broughan
	4-Door Sedan	53D	Mercury Cougar/Mercury Cougar Broughan
	2-Door Sedan	65L	Mercury Cougar XR-7
Thunderbird	2-Door Sedan	60H	Thunderbird, Thunderbird Town Landau, Thunderbird Heritage
Mark V	2-Door Sedan	65D	Continental Mark V/Collector's Series Bill Blass/Emilio Pucci/Cartier/Huber de Givenchy (designer series)
Lincoln	2-Door Sedan	60B	Lincoln Continental/Town Coupe
	4-Door Sedan	53B	Lincoln Continental/Town Car/ Collector's Series

Evaporative Family: TN

Date of Issue: Revisions:

E.O. #A-10-145

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 Code** 9-14Q-ROA 9-14Q-RON

Engine Family 5.8M/6.6"D"(2X124) Engine (CID) 351

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys. C, V Part Number	Fuel System 2V Part Number	EGR Valve Part Number	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	COUGAR 65D 65L 53D RANCHERO 97D 97R 97K THUNDERBIRD 60H LTD II 65B 53B 65D 53D	A-3	4500	Ford D7AE-12127-UA	Ford D8SE-9510-KA W/AC D8SE-9510-LA WO/AC	D80E-9D448-BA	(1) 14° BTDC @ 800 RPM in neutral W/Vacuum line disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) WO/AC - 600 ± 50 RPM in drive. W/AC - 600 ± 50 RPM in drive with A/C OFF. 650 ± 50 RPM in drive with A/C ON, A/C throttle positioner energized, A/C clutch de-energized.

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 - 092878 Revisions Deleted models. 013179

E.O. #A-10-145

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

Manufacturer Ford Motor Company

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Engine Family 5.8M/6.6"D"(2X124) Engine (CID) 400 Engine Code** 9-17Q-ROA

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys. CA, VA Part Number	Fuel System 2V Part Number	EGR Valve Part Number	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	MARK V 65D LINCOLN 53B 60B	A-3	5000	Ford D7AE-12127-UA	Ford D8SE-9510-HA W/AC	D8ZE-9D448-DA	(1) 16° BTDC @ 800 RPM in neutral. W/Vacuum line disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) W/AC 600 ± 50 RPM in drive with A/C OFF. 650 ± 50 RPM in drive with A/C ON, A/C throttle positioner energized, A/C clutch de-energized.

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 - Revisions

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1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

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Engine Code** 9-14Q-R10A 9-14Q-R10N

Engine Family 5.8M/6.6"D"(2X124) Engine (CID) 351

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

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class	Ign. Sys. C, V Part Number	Fuel System 2V Part Number	EGR Valve Part Number	Tune-up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	COUGAR 65D 65L 53D RANCHERO 97D 97R 97K THUNDERBIRD 60H LTD II 65B 53B 65D 53D	A-3	4500	Ford D7AE-12127-UA	Ford D8SE-9510-KA W/AC D9AE-9510-AHA W/AC D8SE-9510-LA WO/AC D9AE-9510-AJA WO/AC	D8TE-9D448-PA	(1) 14° BTDC @ 800 RPM in neutral W/Vacuum line disconnected & plugged at distributor. (2) Preset at factory. Do not adjust. See 1979 Ford Service Manual. (3) WO/AC - 600 ± 50 RPM in drive. W/AC - 600 ± 50 RPM in drive with A/C OFF. 650 ± 50 RPM in drive with A/C ON, A/C throttle positioner energized, A/C clutch de-energized.

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 5.8M/6.6-13 030979