## State of California AIR RESOURCES BOARD

## EXECUTIVE ORDER A-10-76 Relating to Certification of New Motor Vehicles

## FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That Ford Motor Company exhaust emission control systems for 1977 model-year passenger cars are certified for the engine family described below:

Engine Family: 351/400 "B" (2CV1) California

Transmission: 3 Speed Automatic

Exhaust Emission Control Systems: Air Injection, Exhaust Gas

Recirculation, Oxidation Catalyst

Engine: 351 CID or 400 CID

Models: LTD II

LTD II S 4 Door LTD II 4 Door

LTD II Brougham 4 Door

LTD II S 2 Door LTD II 2 Door

LTD II Brougham 2 Door LTD II S Station Wagon LTD II Station Wagon

LTD II Squire Station Wagon

Ranchero 500 Ranchero GT Ranchero Squire

Cougar

Cougar 4 Door

Cougar Brougham 4 Door

Cougar 2 Door

Cougar Brougham 2 Door Cougar XR-7 2 Door Cougar Station Wagon

Cougar Villager Station Wagon

Thunderbird 2 Door

Engine: 400 CID

Models: Ford

Ford LTD 2 Door

Ford LTD Landau 2 Door Ford Custom 500 4 Door

Ford LTD 4 Door

Ford LTD Landau 4 Door

Ford Custom 500 Station Wagon

Ford LTD Station Wagon

Ford Country Squire Station Wagon

Lincoln

Lincoln Continental 4 Door 2 Lincoln Continental Town Car 4 Door Lincoln Continental 2 Door

Lincoln Continental Town Car 4 Door

Mark V

Continental Mark V 2-Door

Mercury

Mercury Marquis 2 Door

Mercury Marquis Brougham 2 Door

Mercury Grand Marquis 2 Door

Mercury Marquis 4 Door

Mercury Marquis Brougham 4 Door

Mercury Grand Marquis 4 Door Mercury Marquis Station Wagon

Mercury Marquis Colony Park Station Wagon

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1977 model vehicles:

Engine Family	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
	Grams per Mile	Grams per Mile	Grams per Mile
351/400 "B" (2CV1)	0.34	6.7	1.1

BE IT FURTHER RESOLVED: That this certification is contingent upon Ford Motor Company affixing a permanent catalyst overheat warning label on the driver's sun-visor of all catalyst-equipped vehicles. This label must be approved by the Executive Officer.

BE IT FURTHER RESOLVED: That this certification is also contingent upon Ford Motor Company listing in the owner's manual the operating cautions associated with a catalyst-equipped vehicle. This listing must be approved by the Executive Officer.

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 30 day of July, 1976.

G. C. Hass, Chief

Division of Vehicle Emissions Control

Engine Family: 351M/400 "B" (2CV1)

Page 1 of 2

Date of Issue:	53B LTD II S 4 door 53B LTD II 4 door 53K LTD II Brougham 4 door 65B LTD II 5 2 door 65B LTD II 2 door 65K LTD II Brougham 2 door 71B LTD II Station Wagon 71D LTD II Station Wagon 97D Ranchero 500 97K Ranchero 500 97K Ranchero GT  53D Cougar 53D Cougar 4 door 65D Cougar Brougham 4 door 65D Cougar Brougham 4 door 65L Cougar Brougham 4 door 65L Cougar Station Wagon 71D Cougar Station Wagon 71K Cougar Station Wagon	
	60H Ford LTD 2 door 60L Ford LTD Landau 2 door 53D Ford Custom 500 4 door 53H Ford LTD 4 door 71D Ford Custom 500 Station Wagon 71H Ford LTD/Ford Country Squire Station Wagon 71H Ford LTD/Ford Country Squire Station Wagon 65H Mercury Marquis 2 door 65K Mercury Grand Marquis 2 door 65L Mercury Grand Marquis 2 door 53H Mercury Marquis 4 door 71K Mercury Grand Marquis 4 door 71K Mercury Grand Marquis 4 door 71K Mercury Marquis/Mercury Marquis Colony Park Station Wagon	

Engine Family: 351M/400 "B" (2CV1)

Thunderbird

60H Thunderbird 2 door

Lincoln

53B Lincoln Continental 4 door Lincoln Continental Town Car 2 door

60B Lincoln Continental 4 door Lincoln Continental Town Car 2 door

Mark V

65D Continental Mark V

Dat	Date of Issue:	
Γ		

Engine Fami	1y351	M/400 "B	" (2CV1) AI-EGR-OC	Engine (CID)	)351	A-10-76 Page 1 Engine 7-14N-RO
Vehicle Models (If Coded see attachment)			Distributor Type:C,V, EI Mfgr.	Fuel System Type: 1-2V Mfgr. Part Number	EGR System	Tune-Up Specification  (1) Basic Timing (2) Idle Mixture (3) Idle Speed
53B 53D 65B 65D 65K Thunderbird 60H Cougar 53D 53K 65D 65K 65L	A/T3 C4-7G1 C4-7G1	4500	Ford D7AE- 12127-DA	Ford D7AE- 9510-CA D7AE- 9510-CB	D7TE- 9D448-KA	(1) 80BTDC0800 RPM in neutral; vacuum line disconnected and plugged at the distributor  (3) 600 rpm in drive 500 rpm in neutral w/tsp off  (2) Preset at factorv; do not adjust; see 1977 Ford Service Manual
		ice		d letter of	101376)	

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

				_SUPPLEMENTA Light-Duty		
Manufacture	r <u>Ford</u>	Motor C	ompany	_ Executive	Order No. A-	Engine
Engine Fami	ly <u>351M/</u>			Engine (CID)	351	Code 7-14N-R0
Emission Co	ntrol S	ystem_	AI/EGR/OC		+10%(	A/C) Yes No
Vehicle Models (If Coded see attachment)		Inertia Weight	Type C,V, Mfgr. EI	Fuel System Type <sub>1-2</sub> V Mfgr. Part Number	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
97D 97K 97R	A/T3 C4-7G c4-7G1	4500	Ford D7AE- 12127-DA	Ford D7AE- 9510-CA D7AE- 9510-CR	D7TE- 9D448-KA	(1) 8° BTDC @ 800 RPM in neutral; vacuum line disconnected and plugged at the distributor.  (3) 600 RPM in drive 500 RPM in neutral W/TSP off
Comments Axle **  Date of Issue	No Serv : 0111	ice <sub>.</sub>	rd letter of 21777	101376)		

Abbreviations
Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

* ************************************				SUPPLEMENTA Light-Duty	AL DATA SHEET	
Manufacture Engine Fami Emission Co	1y35	1M/400 "E	3" (2CV1)	Executive		D-76 Page 2 Engine Code 7-17N-RO
Vehicle Models (If Coded see attachment)		Inertia Weight	Type:C,V EI Mfgr.		Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
53B 53D 55B 65D 65K	A/T3 C6-7B	4500	Ford D7AE- 12127-DA	Ford D70E- 9510-MA D70E- 9510-MB	D7AE- 9D448-DA	(1) 8 <sup>0</sup> BTDC@600 RPM in neutral; vacuum line disconnected and plugged at the distributor  (3) 650 RPM in drive 500 RPM in neutral w/tsp off
Cougar 65D 65K 53D						(2) Preset at factory; do not adjust; see 1977 Ford Service Manual
Ranchero						

Comments

97D 97K 97R

Axle ratio: 2.50

\*\* No service

Date of Issue: 073076; Rev. 0]]]]77 (Ford letter of 101376)

R/C A11 29 021777

Abbreviations Distributor C-Centrifugal Advance V-Vacuum Advance /R-Vacuum Retard HEI-High Energy Ignition EI-Electronic Ignition Fuel System EFI, FI nV-nVenturi Carburetor VV-Variable Venturi

Exhaust Emission Control System AI-Air Injection CAI-Catalyst Air Injection EFI-Electronic Fuel Injection EGR-Exhaust Gas Recirculation EM-Engine Modification EFE-Early Fuel Evaporation ESAC-Electronic Spark Advance Control FI-Fuel Injection :

Manufacture				Executive	<del></del>	-10-76 Page 3 Engine
Engine Fami	۱y	351M/	/400"B"(2CV1)	Engine (CID)	)400	Code
Emission Co	ntrol S	ystem	AI-EGR-OC		+10%	(A/C) YesXX No
/ehicle Models (If Coded see attachment)		Inertia Weight	Distributor Type	Fuel System Type	EGR System	Tune-Up Specification
a ccacimiency			Mfgr. Part Number	Mfgr. Part Number	Part No. Service**	(1) Basic Timing (2) Idle Mixture (3) Idle Speed
LTD II 53K 71B	A/T3 C6-7B	5000	Ford D7AE- 12127-DA	Ford D70E- 9510-MA	D7AE- 9D448-DA	(1) 8°BTDC@600 RPM in neutral; vacuum line disconnected
710 71K				D70E 9510-MB	·	and plugged at the distributor
						(3) 650 RPM in drive 500 RPM in neutral w/tsp off
Cougar 53 K 65 L 71 D						(2) Preset at factory; do not adjust; see 1977 Ford Service Manual.
71 K				•		
		·				
	ratio lo servi					

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
//R-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

,	X P	assenger	Cars [	Light-Duty	y Trucks	
Manufacture	rF	ord Moto	r Company	Executive	Order NoA	<u>-10-76</u> Page <u>3-1</u> Engine
Engine Fami	ly <u>351</u>	M/400 "B	" (2CV1)	Engine (CID)	400	Code 7-17P-RO
Emission Co	ntrol S	ystem	AI-EGR-OC		+10%(	(A/C) YesX No
Vehicle Models (If Coded see attachment)		Inertia Weight	Type: C,V, EI Mfgr.	Fuel System Type: 1-2V Mfgr. Part Number	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Thunderbird 60H  Lincoln 53B 60B  Mark V 65D	A/T3 C6-7B	5000	Ford D7AE- 12127-DA	Ford D70E- 9510-MA D70E 9510-MB	D7AE- 9D448-DA	(1) 8°BTDC @ 600 RPM in neutral; vacuum line disconnected and plugged at distributor  (3)650 RPM in drive 500 RPM in neutral w/tsp off  (2) Preset at factory; do not adjust; see 1977 Ford Service Manual
	e ratio No serv					
Date of Issue		<b>76; Rev.</b> All 29 0		d letter ôf	101376)	
Abbreviations						

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Abbreviations
Distributor
C-Centrifugal Advance
V-Vacuum Advance
'R-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

•	1977   X Pa	AIR RES assenger	OURCES BOARE Cars [	SUPPLEMENTA Light-Duty	AL DATA SHEER  y Trucks	
Engine Fami	ly 351	M/400 "B		Engine (CID)		1-10-76 Page 3-2 Engine Code 7-17P-RO (A/C) YesXX No
Vehicle Models (If Coded see attachment)		Inertia Weight	Type: C,V EI Mfgr.	Fuel System Type: 1-2V Mfgr. Part Number	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Ford  60H 60L 53D 53H 53L 71D 71H  Mercury  65H 65K 65L 53H 53K 53L 71K	A/T3 C6-7B	5000	Ford D7AE- 12127-DA	Ford D70E- 9510-MA D70E 9510-MB	D7AE- 9D448-DA	(1) 8°BTDC @ 600 RPM in neutral; vacuum line disconnected plugged at the distributor  (3) 650 RPM in drive 500 RPM in neutral w/tsp off  (2) Preset at factory; do not adjust; see 1977 Ford Service Manual
Date of Issue:		6; Rev. I 29 0217		d letter of	101376)	

Abbreviations

<u>Distributor</u>
C-Centrifugal Advance
V-Vacuum Advance
//R-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

Cougar A,	Trans V			Fuel System Type: 1-2V		Tune-Up Specification
65D C4 65K C4 53D			Mfgr. Part Number	Mfgr. Part Number	Part No.	(1) Basic Timing (2) Idle Mixture (3) Idle Speed
65L  LTD II  65B 65D 65K 53B 53D  Thunderbird 60H  Ranchero 97D 97K 97R	24-7G	4500	Ford D7AE- 12127-DA		D7TE 9D448-KA	(1) 8° BTDC@ 800 RPM in Neutral; Vacuum lindisconnected and plugged at the distributor  (3) 600 RPM in Drive 500 RPM in Neutral W/TSP off  (2) Preset at factory; do not adjust; see 1977 Ford Service Manual

Abbreviations
Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

Emission Co	1			Fuel System		(A/C) Yes X No Tune-Up Specification
/ehicle Models (If Coded see attachment)	Trans	Weight	Type:C,V, EI Mfgr.	Fuel System Type: 1-2V Mfgr. Part Number	Part No.	(1) Basic Timing (2) Idle Mixture (3) Idle Speed
65B 65D 65K 53B 53D	A/T3 C6-7B	4500	Ford D7AE-12127- DA	Ford D70E- 9510-MA D70E 9510-MB	D7AE- 9D448-DA	(1) 8 <sup>o</sup> BTDC @600 RPM in neutral; vacuum line disconnected and plugged at distributor (3) 650 RPM in Drive 500 RPM in neutral W/TSP off
Ranchero 97D 97K 97R 97R Cougar 65D 65K 53D						
Comments: Axl	e Ratio	2.75,	2.50			

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Abbreviations
Distributor
C-Centrifugal Advance
V-Vacuum Advance
/R-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

Manufacture Engine Fami Emission Co	ly <u>351M</u>	/400"B"		Engine (CID)		-10-76
Vehicle Models (If Coded see attachment)		l	Type: C,V, EI Mfgr.	· ',	EGR System	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
LTD II  53K 65K 53D 71B 71D 71K  Cougar  53K 53D 65L 71D 71K  Lincoln 53B 60B  Mark V 65D	A/T3 C6-7B	5000	Ford D7AE- 12127-DA		D7AE- 9D448-DA	(1) 8° BTDC @600 RPM in neutral; vacuum line disconnected and plugged at distributor  (3) 650 RPM in drive 500 RPM in neutral W/TSP off
Comments: Ax1 ** No Service  Date of Issue:	351 M/		2CV1)-25 08	1276		

Distributor
C-Centrifugal Advance
V-Vacuum Advance
R-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System AI-Air Injection CAI-Catalyst Air Injection EFI-Electronic Fuel Injection EGR-Exhaust Gas Recirculation EM-Engine Modification EFE-Early Fuel Evaporation ESAC-Electronic Spark Advance Control FI-Fuel Injection

Manufacture Engine Fami			(2CV1)	Executive Engine (CID)	400	Engine Code 7-17P-R11
Emission Co	ntrol S	ystem	AI-EGR-OC	<del></del>	+10%(	(A/C) YesX No
Vehicle Models (If Coded see attachment)		Inertia Weight	Type: EI, C,V Mfgr.	1 .	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Mercury  65H 65K 65L 53H 53K 53L 71K  Ford 60H 60L 53H 53L 53D 71D 71H    Chunderbird 60H	A/T3 C6-7B	5000	Ford D7AE- 12127-DA	Ford D70E- 9510-MA D70E 9510-MB	D7AE- 9D448-DA	(1) 8 <sup>o</sup> BTDC @600 RPM in neutral; vacuum line disconnected and plugged at distributor  (2) 650 RPM in drive 500 RPM in neutral W/TSP off
Comments: Ax	: 351M/		•	081276		

Distributor
C-Centrifugal Advance
V-Vacuum Advance
'R-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

Engine Fami Emission Co				Engine (CID)		Code <u>7-17N-R10</u> (A/C) YesX No
Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Type: C,V, EI Mfgr.		Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
ETD II 65B 65D 65K 53B 53D Ranchero 97D 97K 97R Cougar 65D 65K 53D	A/T3 C6-7B	4500	Ford D7AE- 12127-DA	Ford D70E- 9510-MA D70E 9510-MB	D7AE- 9D448-DA	(1) 8°BTDC @ 600 RPM in neutral; vacuum line disconnected and plugged at distribute (3) 650 RPM in drive 500 RPM in neutral W/TSP off
Comments: Axle ** No Service	Ratio:	2.75,	2.50			
Date of Issue:		100 "B" 1 29 021		9/01/76		

**V-**Vacuum Advance VR-Vacuum Retard HEI-High Energy Ignition EI-Electronic Ignition Fuel System EFI, FI nV-nVenturi Carburetor VV-Variable Venturi

EFI-Electronic Fuel Injection EGR-Exhaust Gas Recirculation EM-Engine Modification EFE-Early Fuel Evaporation ESAC-Electronic Spark Advance Control FI-Fuel Injection

RC-Reduction Catalyst TR-Thermal Reactor TWC-Three Way Catalyst λ-Air Fuel Ratio Sensor \*Service
1-Inspect, repair/replace
as needed

R-Replace

•	X P	assenger	Cars (	Light-Duty	y Trucks						
Manufacture	r FORD	MOTOR C	OMPANY	Executive	Order NoA	1-10-76 Page 8					
Engine Fami	ly <u>351M</u>	/400 <b>"</b> B"	(2CV1)	Engine (CID)	400	Engine Code <u>7-17P-R10</u>					
Emission Co	ntrol S	ystem	AI-EGR-OC		+10%(	(A/C) Yes No					
Vehicle Models (If Coded see attachment)		Inertia Weight	Type: C,V, EI	Fuel System Type: 1-2V Mfgr. Part Number	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed					
LTD II 53K 65Kl 53Dl 71B 71D 71K	A/T3 C6-7B	5000	D7AE-	Ford D70E- 9510-MA D70E 9510-MB	D7AE~ 9D448-DA	(1) 8° BTDC @600 RPM in neutral; vacuum line disconnected and plugged at distributor					
						(3) 650 RPM in drive 500 RPM in neutral W/TSP off					
Cougar 53K 53D1 65L 71D 71K						(2) Preset at factory; do not adjust; see 1977 Ford Service Manual					
Thunderbird 60H											
Mark V 65D											
Lincoln 53B 60B											
** No Service	Comments: Axle ratio: 2.50, 2.75										
Date of Issue:		400 "B" 1 29 02		09/01/76;	Rev. 011177	(Ford letter of 101376)					
Abbreviations Distributor		E.	xhaust Emiss	ion Control	System						

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System AI-Air Injection CAI-Catalyst Air Injection EFI-Electronic Fuel Injection EGR-Exhaust Gas Recirculation EM-Engine Modification EFE-Early Fuel Evaporation ESAC-Electronic Spark Advance Control FI-Fuel Injection

					Engine Code 7 <u>-17P-R10</u> (A/C) Yes X No
	Inertia	Distributor Type: C,V, EI Mfgr.	Fuel System Type: 1-2V Mfgr.	EGR System	Tune-Up Specification  (1) Basic Timing (2) Idle Mixture (3) Idle Speed
A/T3 C6-7B	5000	Ford D7AE- 12127-DA	Ford D70E- 9510-MA D70E 9510-MB	D7AE- 9D443-DA	(1) 8º BTDC @ 600 RPM in neutral; vacuum line disconnected and plugged at distributo (3) 650 RPM in drive 500 RPM in neutral W/TSP off  (2) Preset at factory; do not adjust; see 1977 Ford Service Manual
e ratio		·			(Ford letter of 101376)
	ly 351M ntrol S Trans A/T3 C6-7B	ntrol System Trans Inertia Weight  A/T3 C6-7B	Trans Inertia Distributor Type: C,V, EI Mfgr. Part Number 12127-DA	ly 351M/400 "B" (2CV1) Engine (CID ntrol System AI-EGR-OC  Trans Inertia Distributor Fuel System Type: C,V, EI Mfgr. Part Number Part Number  A/T3 C6-7B 5000 Ford D7AE- 12127-DA D70E- 9510-MA D70E	Trans   Inertia   Distributor   Fuel System   EGR System   Type: C,V,   EI   Mfgr.   Part No.   Service**  A/T3   C6-7B   5000   Ford   D7AE-   12127-DA   D70E-   9510-MA   D70E   9510-MB   D70E-   9510-MB   D70E-   D70E-

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control Syste
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

	X  Pa	assenger	Cars [	_  Light-Duty	y Irucks					
Manufacture	rF0I	RD MOTOR	COMPANY	Executive	Order No. A-					
Engine Fami	1y <u>35</u>	1M/400 "	B" (2CV1)	Engine (CID)	)351	Engine Code 7-14N-R12				
Emission Co	ntrol S	ystem	+10%(	A/C) YesX No						
Vehicle Models (If Coded see attachment)		Inertia Weight	Type: C,V, EI Mfgr.	Fuel System Type: 1-2V Mfgr. Part Number	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed				
Cougar 65D 65K 53D 53K 65L  LTD II 65B 65D 65K 53B 53D  Thunderbird 60H  Ranchero 97D 97K 97R	A/T3 C4-7G C4-7G1	4500	Ford D7AE- 12127-DA	Ford D7AE- 9510-AHA D7AE 9510-AHB	D7TE- 9D448-KA	(1) 8º BTDC @ 800 RPM in Neutral; Vacuum line disconnected and plugged at the distributor.  (3) 600 RPM in Drive 500 RPM in Neutral W/TSP off				
** No Service	Comments: Axle Ratio 2.50 ** No Service									
Date of Issue:		400 "B"  1 29 02		ovember 10,	1976					

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Abbreviations
Distributor
C-Centrifugal Advance
V-Vacuum Advance
'R-Vacuum Retard
MEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor
\*Service
I-Inspect, repair/replace
as needed

R-Replace

W. 6 A		_	_	Light-Duty		la ma Dana -			
Manufacture						-10-76 Page 10 Engine			
Engine Fami				Engine (CID)					
Emission Co	ntrol Sy	ystem <u>A</u>	1-E13K-UC		+10%(A/C) Yes[X] No[]				
Vehicle Models (If Coded see attachment)	1	Inertia Weight	Distributor Type: C,V EI	Fuel System Type: 1-2V	EGR System	Tune-Up Specification (1) Basic Timing			
			Mfgr. Part Number	Mfgr. Part Number	Part No. Service**	(2) Idle Mixture (3) Idle Speed			
LTD II 53K 65K 53D 71B 71D	A/T3 C6-7B	5000	Ford D7AE- 12127-DA	Ford D7AE- 9510-AKA D7AE- 9510-AHA	D7AE- 9D448-DA	(1) 80 BTDC @ 600 RPM in neutral; vacuum line disconnected and plugged at distributor.			
71K				D7AE 9510-AKB D7AE 9510-AHB		(2) Preset at factory; do not adjust; see 1977 Ford Service Manual.			
Cougar 53K 53D 65L 71D 71K						(3) 600 RPM in drive 500 RPM in neutral W/TSP off.			
<u>Lincoln</u> 53B 60B									
Mark V 65D									
Comments: Axl **No Service	e ratio	: 2.75,	2.50,						
Date of Issue: 351M/400 "B" (2CV1)-45 112976 R/C All 29 021777									

1977 ATR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
'R-Vacuum Retard
MEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

	X Pa	ssenger	Cars [	Light-Duty	/ Trucks	
Manufacture	FORD	MOTOR C	OMPANY	Executive	Order No.A-10	0-76 Page 10-1
Engine Fami	y 351M	/400 "B"	(2CV1)	Engine (CID)	400	Engine Code 7-17P-R13
Emission Co	ntrol Sy	/stem_A	I-EGR-OC		+10%(	A/C) Yes No
Vehicle Models (If Coded see attachment)		Inertia Weight	Type: EI, C,V Mfgr.	Fuel System Type: 1-2V Mfgr. Part Number	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Mercury 65H 65K 65L 53H 53K 53L 71K  Ford 60H 60L 53H 53L 53D 71D 71H  Thunderbird 60H	A/T3 C6-7B	5000	Ford D7AE- 12127-DA	Ford D7AE- 9510-AKA D7AE- 9510-AKB D7AE 9510-AKB D7AE 9510-AHB	D7AE- 9D448-DA	<ul> <li>(1) 8° BTDC @ 600 RPM in Neutral; vacuum line disconnected and plugged at distributor.</li> <li>(2) Preset at factory; do not adjust; see 1977 Ford Service Manual.</li> <li>(3) 600 RPM in drive 500 RPM in neutral W/TSP off.</li> </ul>
Comments: Ax1  **No Service  Date of Issue  Abbreviations	: 351M	•	(2CV1)-45	112976		

Abbreviations
Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VY-Variable Venturi

Exhaust Emission Control Syste
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TR-Thermal Reactor
TWC-Three Way Catalyst
λ-Air Fuel Ratio Sensor
\*Service

\*Service 1-Inspect, repair/replace as needed

Emission Co				Engine (CID)		Code
Vehicle Models (If Coded see attachment)		Inertia Weight	Type: C,V, EI Mfgr.	Fuel System Type: 1-2V Mfgr. Part Number	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Cougar 65D 65K 53D 53K 65L LTD II 65B 65D 65K 53B 53D Thunderbird 60H Ranchero 97D 97K 97R	A/T3 C4-7G C4-7G1	4500	Ford D7AE- 12127-DA	Ford D7AE- 9510-AHA D7AE 9510-AHB	D7TE- 9D448-KA	(1) 60 BTDC @ 800 RPM in Neutral; Vacuum lin disconnected and plugged at the distributor.  (3) 600 RPM in Drive 500 RPM in Neutral W/TSP off.
Comments Ax1	e Ratio	2.50				

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Abbreviations Distributor C-Centrifugal Advance V-Vacuum Advance R-Vacuum Retard HEI-High Energy Ignition EI-Electronic Ignition Fuel System EFI, FI nV-nVenturi Carburetor VV-Variable Venturi

Exhaust Emission Control System AI-Air Injection CAI-Catalyst Air Injection EFI-Electronic Fuel Injection EGR-Exhaust Gas Recirculation EM-Engine Modification EFE-Early Fuel Evaporation ESAC-Electronic Spark Advance Control FI-Fuel Injection

	1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET      Passenger Cars											
Manufacturer FORD MOTOR COMPANY Executive Order No. A-10-76 Page 12  Engine Family 351M/400 "B" (2CV1) Engine (CID) 400 Code 7-17P-R16  Emission Control System AI-EGR-OC +10%(A/C) YesX No												
Vehicle Models (If Coded see attachment)		Inertia Weight	Type: C,V, EI Mfgr.	Fuel System Type: 1-2V Mfgr. Part Number	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed						
LTD II 53K 65K 53D 71B 71D 71K  Cougar 53K 53D 65L 71D 71K  Lincoln 53B 60B  Mark V 65D	A/T3 C6-7B	5000	Ford D7AE- 12127-DA	Ford D7AE- 9510-AKA D7AE- 9510-AHA D7AE 9510-AKB D7AE- 9510-AHB	D7AE- 9D448-DA	<ul> <li>(1) 6° BTDC @ 600 RPM in neutral; vacuum line disconnected and plugged at distributor.</li> <li>(2) Preset at factory; do not adjust; see 1977 Ford Service Manual.</li> <li>(3) 600 RPM in drive 500 RPM in neutral W/TSP off.</li> </ul>						
	ratio: Servic	2.75, ce	2.50,									
Date of Issue:	351M/ R/C	′400 "B" A11 29	(2CV1)-58 021777		: Do	ecember 29, 1976						

Abbreviations

<u>Distributor</u>
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

Manufacture Engine Fami	r FOF	RD MOTOR	COMPANY	Light-Duty Executive Engine (CID)	Order No. A-	10-76 Page 12-1 Engine Code 7-17P-R16
Emission Co	ntrol S	ystem/	AI-EGR-OC		+10%(	A/C) YesX No
Vehicle Models (If Coded see attachment)		Inertia Weight	Type: EI, C,V Mfgr.	Fuel System Type: 1-2V Mfgr. Part Number	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Mercury 65H 65K 65L 53H 53K 53L 71K Ford 60H 60L 53H 53L 53D 71D 71H Thunderbird 60H	A/T3 C6-7B	5000	Ford D7AE- 12127-DA	Ford D7AE- 9510-AKA D7AE- 9510-AHA D7AE 9510-AKB D7AE 9510-AHB	D7AE- 9D448-DA	<ul> <li>(1) 6° BTDC @ 600 RPM in Neutral; vacuum line disconnected and plugged at distributor.</li> <li>(2) Preset at factory do not adjust; see 1977 Ford Service Manual.</li> <li>(3) 600 RPM in drive 500 RPM in neutral W/TSP off.</li> </ul>
** No Service	<u>e</u>				00 1076	
Date of Issue  Abbreviations	: 351M R/C	/400 "B" All 29 0	(2CV1)-58 21777	December	29 <b>,</b> 1976	

1977 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

	Manufacture	X Pa		Cars [	Light-Duty	AL DATA SPEET Trucks Order No. <u>A</u>	
_	Engine Fami		1/400 "B"	' (2CV1)	— Engine (CID)		Engine 7-17P-R23
	Emission Co	ntrol S	ystem <u>A</u>	I-EGR-OC	······································	+10%(	A/C) YesX No
	Vehicle Models (If Coded see attachment)		Inertia Weight	Type: C,V, EI Mfgr.	Fuel System Type: 1-2V Mfgr. Part Number	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	53K 65K 53D 71B 71D 71K	A/T3 C6-7B 7B1 7C 7C1	5000	Ford D7AE- 12127-UA	Ford D7AE- 9510- AVA	D7AE- 9D448-BA	(1) 16° BTDC @ 600 RPM in neutral; vacuum line disconnected and plugged at distributor.  (2) Preset at factory;
							do not adjust; see 1977 Ford Service Manual. (3) 600 RPM in drive 500 RPM in neutral
	Cougar 53K 53D 65L 71D 71K						W/TSP off.
	Lincoln 53B 60B						
	Mark V 65D						
<u> </u>	Comments: Ax1 **No Service	e ratio	: 2.75,	2.50, 2.47			
	Date of Issue:	351M/	400 "B"	(2CV1)- 70	030377		

Abbreviations
Distributor
C-Centrifugal Advance
"Vacuum Advance
"-Vacuum Retard
"EI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
Al-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

	X) Pa	ssenger	lars L	_  Light-Duty	Trucks		
Manufacture					Order No.A-10	Eng	Page 13-1
Engine Fami	ly 351M	/400 "B"	(2CV1)	Engine (CID)	400	<b>C</b> od	e 7-17P-R-23
Emission Co	ntrol Sy	ystem_A	I-EGR-OC		+10%(/	A/C) Y	esX No
/ehicle Models (If Coded see attachment)	Trans	Inertia Weight	Type: EI, C,V Mfgr.	Mfgr.	EGR System  Part No.  Service**	(1) B (2) I	Up Specification asic Timing dle Mixture dle Speed
Mercury  65H  65K  65L  53H  53K  53L  71K  Ford  60H  60L  53H  53L  53D  71D  71H  Thunderbird  60H	A/T3 C6-7B 7B1 7C 7C1	5000	Ford D7AE- 12127-UA	Ford D7AE- 9510-AVA	D7AE- 9D448-DA	(2) P d (2) M (3) 6	6° BTDC @ 600 RPM n Neutral; vacuum ine disconnected nd plugged at istributor.  reset at factory o not adjust; see 977 Ford Service anual.  00 RPM in drive 00 RPM in neutral /TSP off.
Comments: Axl	e ratio	: 2.47 <b>,</b>	2.50, 2.75	1		1	
Date of Issue	: 351M	1/400 "R"	(2CV1)- 70	030377			

Abbreviations

Distributor
C-Centrifugal Advance
Y-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
vv-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

Emission Co	ntrol S	ystem_Al	I-EGR-OC		+10%(	(A/C) YesX No
Vehicle Models (If Coded see attachment)		Inertia Weight	Type:C,V, EI Mfgr.	Fuel System Type: 1-2V Mfgr. Part Number	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
LTD II 65B 65D 65K 53B 53D	A/T3 C6-7B	4500	Ford D7AE-12127- UA	Ford D7AE 9510-AVA	D7AE- 9D448-DA	(1)16 <sup>0</sup> BTDC @600 RPM in neutral; vacuum line disconnected and plugged at distribut (3) 600 RPM in Drive 500 RPM in neutral W/TSP off
Ranchero 97D 97K 97R						(2) Preset at factory. Do not adjust; see 1977 Ford Service Manual.
Cougar 65D 65K 53D				•		
			·,		·	
Comments: Axie ** No Service	e Ratio	2.75,	2.50			
Date of Issue:	351M/4	00 "B" (	2CV1)-78 03	2277		

Abbreviations

Distributor
C-Centrifugal Advance
V-Vacuum Advance
'R-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control Syste
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

		Alk kes assenger		SUPPLEMENTA  Light-Duty	AL DATA SPEE y Trucks	İ	
Manufacture Engine Fami Emission Co	ly_351M		' (2CV1)	Executive		-10-76 Page 14 Engine 7-17P-R21 Code No	
Vehicle Models (If Coded see attachment)			Distributor Type: C,V EI Mfgr.	Fuel System Type: 1-2V Mfgr. Part Number	EGR System	Tune-Up Specification  (1) Basic Timing (2) Idle Mixture (3) Idle Speed	
LTD II  53K 65K 53D 71B 71D 71K  Cougar 53K 53D 65L 71D 71K  Lincoln 53B 60B Mark V 65D	A/T3 C6-7B	5000	Ford D7AE- 12127-DA	Ford D7AE- 9510-ASA D7AE- 9510-ATA	D7AE- 9D448-DA	(1) 80 BTDC @ 600 RPM in neutral; vacuum line disconnected and plugged at distributor.  (2) Preset at factory; do not adjust; see 1977 Ford Service Manual.  (3) 600 RPM in drive 500 RPM in neutral W/TSP off.	
Comments: Axle ratio: 2.75, 2.50, 2.47 **No Service							
Date of Issue	: 351M/	′400 "B"	(2CV1)- 68	020277			

Abbreviations
Distributor
C-Centrifugal Advance
V-Vacuum Advance
,'R-Vacuum Retard
,nEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

	X Pa	ssenger	Cars [	Light-Duty	Trucks	
Manufacture	FORD	MOTOR C	OMPANY	_ Executive	Order No.A-10	0-76 Page 14-1
Engine Fami	ly 351M	/400 "B"	(2CV1)	Engine (CID)	400	Engine
Emission Co	ntrol S	/stem_A	I-EGR-OC		+10%(	A/C) Yes No
Vehicle Models (If Coded see attachment)	Trans	Inertia Weight	Type: EI, C,V Mfgr.	Fuel System Type: 1-2V Mfgr. Part Number	Part No.	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
Mercury  65H 65K 65L 53H 53K 53L 71K  Ford  60H 60L 53H 53L 71D 71H  Thunderbird 60H	A/T3 C6-7B	5000	Ford D7AE- 12127-DA	Ford D7AE- 9510-ASA D7AE- 9510-ATA	D7AE- 9D448-DA	(1) 8° BTDC @ 600 RPM in Neutral; vacuuline disconnected and plugged at distributor.  (2) Preset at factory do not adjust; se 1977 Ford Service Manual.  (3) 600 RPM in drive 500 RPM in neutra W/TSP off.
Comments: Axi **No Service Date of Issue		•		020277		
Abbreviations						

Abbreviations
Distributor
C-Centrifugal Advance
V-Vacuum Advance
VR-Vacuum Retard
HEI-High Energy Ignition
EI-Electronic Ignition
Fuel System
EFI, FI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emission Control System
AI-Air Injection
CAI-Catalyst Air Injection
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control

FI-Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
RC-Reduction Catalyst
TR-Thermal Reactor
TWC-Three Way Catalyst
\[ \lambda - Air Fuel Ratio Sensor \]
\*Service

I-Inspect, repair/replac