#### State of California AIR RESOURCES BOARD

# EXECUTIVE ORDER A-10-114-1 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 1978 model-year medium duty vehicles are certified for the vehicles described below:

Engine Family: 300 "C" (1x100)

Engine: 300 CID

Transmission: 3 Speed Automatic, 3 Speed Manual, 4 Speed Manual Exhaust Emission Control Systems: Pulse Air Injection, Exhaust Gas

Recirculation, Oxidation Catalyst

Models and Engine Codes as listed in attachment.

Executive Order A-10-114 dated August 9, 1977 is hereby rescinded.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

Engine Family	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	
	Grams per Mile	Grams per Mile	Grams per Mile	
300 "C" (1x100)	0.6	10	1.1	

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (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.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

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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 \_\_\_\_\_\_\_ day of January, 1978.

G. C. Hass, Chief

C. Mark

Vehicle Emissions Control Division

Manufacturer Ford Motor Company Executive Order No. A-10-114-1 Page 1

Engine Family 300 "C" (1x100) Engine (CID) 300

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 Emissions Control System
AI-Air Injection
CAI-Catalyst Air Injection
CAB-Chamber Air Bleed
DD-Dual Displacement
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification
EFE-Early Fuel Evaporation
ESAC-Electronic Spark Advance
Control
FI-Fuel Injection

Ranger Lariat
 Camper Specia

as need R-Replace

	FI-Fu	el Injection	R-Replace			
Mode1 F-150	Body Type Regular Cab	Whee1base LWB	Box Design A or B	Trim <u>Levels</u> 1,2,3,4		
Lagara	Regular Cab Chassis Cab	LWB	. <del>-</del>	1,2,3,4		
	Super Cab	SWB or LWB	A	1,2,3,4		
	Super Cab Chassis Cab	SWB or LWB	-	1,2,3,4		
F-250	Regular Cab	LWB	A or B	1,2,3,4,5		
	Regular CAB Chassis Cab	LWB	•	1,2,3,4,5		
	Super Cab	SWB or LWB	A	1,2,3,4,5		
	Super Cab Chassis Cab	SWB or LWB	•	1,2,3,4,5		
	Crew Cab	LWB	A ,	1,3		
. •	Crew Cab Chassis Cab	LNB		1,3		
	Wheelbase SWB Short Wheelbase LWB Long Wheelbase		Box Design A. Styleside B. Flareside	Trim Level 1. Custom 2. Ranger 3. Ranger XLT		

Manufacturer	Ford Motor Company	Executive Ord	ler No. <u>A-10-114-1</u> Page	e <u>la</u>
Engine Family	300 "C"	Engine (CID)_	300	
Mode1	Body Type	Whee 1 base	Box Design	Trim Levels
E-150	Regular Van	SWB or LWB	A, B, or C	1,2,3
<del>.</del> .	Club Wagon	SWB or LWB	-	1,2,3
· .	Super Van	LWB	A, B, or C	1,2,3
	Super Wagon	LWB	-	1,2,3
E-250	Regular Van	LWB	A, B, or C	1,2,3
	Club Wagon	LWB	•	1,2,3
	Super Van	LWB	A, B, or C	1,2,3
<b>)</b> .	Super Wagon	LWB	. •	1,2,3
•	Whee I base		Box Design	Trim Level
	3 Short Wheelbase 3 Long Wheelbase	· ·	A. Cargo Van B. Display Van C. Window Van	1. Standard 2. Custom 3. Chateau

_	ne Family				<del></del>		Engine Code <u>8-52U-R0</u>
Emis:	ion Control Sy	stem _	PAI/EGR	/OC		+10%(A/C)	Yes No 🔯
Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type C.V	Fuel System Type 1 V	EGR System	Tune-Up Specification
	•		RLHP	Mfgr. Part Number	Mfgr. Part Number	Part No. Service	<ul><li>(1) Basic Timing</li><li>(2) Idle Mixture</li><li>(3) Idle Speed</li></ul>
	E-150 Regular Van SWB	A/3	4000 19.5	Ford D8TE- 12127-AAA	Ford D8TE- 9510-CNA	D8TE- 9D448-SA	1) 8°±2°BTDC @ 550  RPM in drive with  hoses disconnected
	Regular Van LWB	-	4500 19.5			No Service Required	
	Super Van LWB Club Wagon SWB,LWB						<ol> <li>Preset at factory.</li> <li>Do not adjust. See 1978 Ford Service Manual.</li> </ol>
	E-250 Regular Van LWB			-			3) 550 RPM in drive with all hoses connected.
	E-150 Super Wagon LWB	-	5000 19.5				
	E-250 Super Van LWB						
•	Club Wagon LWB Super Wagon LWB						
	F-150 Regular Cab LWB		4000 19.5				
	ents: All page I for abbr			special road model codes.	load HP set	tings.	<u> </u>

Engi	ne Family 300	"C" (1	X 100)	Engine	(CID) 30	00	····	Engine Code 8-52U-RO
Emi s	sion Control Sys	tem _	PAI	/EGR/OC	4	10%(A/C)	Yes	□ No Ø
Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Weight Class	Type C,V	Fuel System Type 1 V Mfgr. Part Number	Part No.	Spec (1) (2)	-Up ification Basic Timing Idle Mixture Idle Speed
	F-150 Super Cab LWB,SWB  F-250 Regular Cab LWB Super Cab SWB,LWB	A/3	4500 19.5	Ford D8TE- 12127-AAA	D8TE-	D8TE- 9D448-SA No Service Required	1) 8 R h a d	b ± 2 BTDC @ 550 PM in drive with loses disconnected and plugged at the listributor. Preset at factory. The continuous of the contin
	F-150 CC Regular Cab LWB CC Super Cab SWB,LWB		5000 26.5				3) 5 W	danual.  50 RPM in drive ith all hoses connected.
	F-250 Crew Cab LWB	7				4 1		
	CC Regular Cab LWB CC Super Cab SWB CC Crew Cab LWB		6000 26.5					
	CC Super Cab		6500 26.5	•		\(\frac{1}{2}\)		•

-	☐ Passen	ger Ca	rs [	light-Duty	Trucks 😡	Medium Dut	y Veł	nicles
· Yanu	facturer Ford	Motor	Company	Execut	tive Order No	o. <u>A-10-114</u>	-1	Page1
Q1	ne Family3	800 "C"	(1 X 10	0) Engine	e (CID) 300	0		Engine Code 8-52U-R10
Emis	sion Control Sy	stem _	PAI/EGR	/OC	-	+10%(A/C)	Yes	□ No 🖾
	Vehicle Models (If Coded see attachment)	Trans	Weight Class		Type 1 V		Spec	ification
			RLHP	Part Number		Part No. Service	(2)	Basic Timing Idle Mixture Idle Speed
·	E-150 Regular Van SWB	A/3	4000 19.5	Ford D8TE- 12127-AAA	Ford D8TE- 9510-CNA	D8UE- 9D448- HA No Service	, h	B ± 2 BTDC @ 550 RPM in drive with loses disconnected and plugged at the
	Regular Van LWB Super Van LWB Club Wagon SWB,LWB		4500 19.5			Required	2) P	Preset at factory. To not adjust. See 978 Ford Service lanual.
	E-250 Regular Van LWB				-		W	50 RPM in drive with all hoses connected.
	E-150 Super Wagon LWB	-	5000 19.5		**************************************			
	E-250 Super Van LWB Club Wagon LWB Super Wagon LWB							
	F-150 Regular Cab LWB	*.	4000 19.5					
<u> </u>	ents: All page I for abbroof issue 11/4/	eviatio	ons and r	special road model codes.	load HP seti	tings.		

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"tanu	facturer Ford	Motor	Company	Execut	tive Order No	A-10-114	-1	
gi	ne Family 300	*C" (1	X 100)	Engine	(CID) 3	00		Engine Code 8-52U- R10
Emis	sion Control Sys	tem _	PAI	/EGR/OC		10%(A/C)	Yes	□ No 😡
Eng. Code	Vehicle Models' (If Coded see attachment)	Trans	Inertia Weight Class RLHP	Type C,V Mfgr.	Fuel System Type 1 V Mfgr. Part Number	Part No.	(1) (2)	ification  Basic Timing  Idle Mixture
	F-150 Super Cab LWB,SWB  F-250 Regular Cab LWB Super Cab SWB,LWB	A/3	4500 19.5	Ford 08TE- 12127-AAA		D8UE- 9D448- HA No Service Required	1) 8 8 8 2) P	Idle Speed  3 ± 2 BTDC @ 550  RPM in drive with hoses disconnected and plugged at the distributor.  Preset at factory. On not adjust. See 1978 Ford Service
U	F-150 CC Regular Cab LWB CC Super Cab SWB,LWB		5000 26.5				3) 5 W	Manual.  550 RPM in drive with all hoses connected.
	Crew Cab LWB CC Regular Cab LWB CC Super Cab SWB CC Crew Cab LWB		6000 26.5					
	CC Super Cab LWB		6500 26.5					
See	ents: All page I for abbroof Issue 11/4/	eviati 77 Re	ons and i		load HP set	tings.		
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Man					Trucks 🔯			
0.	facturer Ford ne Family :							
Emis:	sion Control Sy	stem _	PAI/EGR	/0C		10%(A/C)	Yes	□ No Œ
Eng. Code	Vehicle Models (If Coded see attachment)	Trans	CIASS	Mfar.	Mfor.	Part No.	Spec	-Up ification Basic Timing
			RLHP	Part Number	Part Number	Service	(2)	Idle Mixture Idle Speed
	E-150 Regular Van SWB	M/3 M/4	4000 19.5	Ford D8TE- 12127-AAA	Ford D8TE- 9510- aua	D8ղE- 9D448-KA	R	BTDC @ 700 PM in neutral W/ oses disconnected
	Regular Van LWB Super Van		4500 19.5			No Service Required	a d	nd plugged at the istributor.
	LWB Club Wagon SWB,LWB						D	reset at factory. o not adjust. See 978 Ford Service anual.
	E-250 Regular Van LWB			•			W	oo RPM in neutral ith all hoses onnected.
	E-150 Super Wagon LWB		5000 19.5					
•	E-250 Super Van LWB Club Wagon LWB					•		
	Super Wagon LWB							
	F-150 Regular Cab LWB		4000 19.5					
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Date	of Issue		/isions:			·	•	· · · · · · · · · · · · · · · · · · ·

y.	facturer Ford	Motor	Company	Execu		A-10-114-		
hgi	ne Family 300	"C" (1	X 100)	Engine	e (CID) 3	00	Code 8-515-RO	
Emis:	sion Control Sy	stem _	PAI	/EGR/OC	-	+10%(A/C)	Yes □ No ☑	
Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Class	Type C.V	Fuel System Type 1 V Mfgr. Part Number		Tune-Up Specification  (1) Basic Timing (2) Idle Mixture (3) Idle Speed	
	F-150 Super Cab LWB,SWB F-250 Regular Cab	м/3 м/4	4500 19.5		Ford D8TE- 9510-BUB	D8UE 9D448-KA No Service Required	1) 6° ± 2°8TDC @ 700  RPM in neutral W/ hoses disconnected	
J	LWB Super Cab SWB,LWB  F-150 CC Regular Cab LWB CC Super Cab SWB,LWB		5000 26.5				<ol> <li>Preset at factory.         Do not adjust. See         1978 Ford Service         Manual.</li> <li>700 RPM in neutra         with all hoses         connected.</li> </ol>	
	F-250 Crew Cab LWB							• · · · · · · · · · · · · · · · · · · ·
	CC Regular Cab LWB CC Super Cab SWB CC Crew Cab LWB		6000 26.5					
	CC Super Cab LWB		6500 26.5					
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Date	of Issue		/isions:		· · · · · · · · · · · · · · · · · · ·		·	

	□ Passen	ger Ca	rs [	light-Duty	Trucks 🖸	Medium Dut	y Vehicles
'anu	facturer Ford	Motor	Company	Execut	tive Order No	o. A-10-114 -	-1 Page 5
							Engine Code 8-51T-R10
Emis	sion Control Sy	stem _	PAI	/EGR/OC		+10%(A/C)	Yes No 😡
Eng. Code	Vehicle Models (If Coded see attachment)	irans	Class	Distributor Type C.V Mfgr. Part Number	Type 1 V	Part No.	<pre>Specification (1) Basic Timing (2) Idle Mixture</pre>
	F-150 Super Cab LWB,SWB	м/3 м/4	4500 19.5	Ford D8TE- 12127-AAA	Ford D8UE 9510-ZB	DBTE- 9D448-SA No Service	hoses disconnected
	F-250 Regular Cab LWB Super Cab SWB,LWB		•	•		Required	distributor.  2) Preset at factory. Do not adjust. See 1978 Ford Service
U	F-150 CC Regular Cab LWB CC Super Cab SWB,LWB		5000 26.5		<u>.</u>		Manual.  3) 700 RPM in neutral with all hoses connected.
	F-250 Crew Cab LWB		•••• .				·
	CC Regular Cab LWB CC Super Cab SWB CC Crew Cab LWB		6000 26.5				
	CC Super Cab LWB		6500 26.5				
See	ents: All page I for abbro	eviatio	Is have sons and r	special road model codes.	load HP sets	tings.	

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'ישמא'							-1 Page 5a
	ne Family3						
Emis	sion Control Sy	stem _	PAI/EGR	/OC	-	+10%(A/C)	Yes No 🖾
Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Class	Mfgr.	Fuel System Type 1 V Mfgr. Part Number	Part No.	(1) Basic Timing (2) Idle Mixture
	E-150 Regular Van SWB	M/3 M/4	4000 19.5	Ford D8TE- 12127-AAA	Ford D8UE 9510- ZB	D8TE 9D448-S.A	hoses disconnected
	Regular Van LWB Super Van LWB Club Wagon SWB,LWB		4500 19.5			No Service Required	and plugged at the distributor.  2) Preset at factory. Do not adjust. See 1978 Ford Service Manual.
	E-250 Regular Van LWB			•	•		3) 700 RPM in neutral with all hoses connected.
,	E-150 Super Wagon LWB		5000 19.5	·			
•	E-250 Super Van LWB Club Wagon LWB Super Wagon LWB						
	F-150 Regular Cab LWB		4000 19.5		, <b>,</b>		
Comme See p	nts: All	_model	s have s	pecial road odel codes.	load HP sett	ings.	
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