State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-114 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.

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	<u>Grams per Mile</u>
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".**

_day of August, 1977.

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____

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G. C. Hass, Chief Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET ۰.

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Manufacturer <u>Fo</u> i	rd Motor Company	Executive Order No	A-10-114 Page 1
Engine Family	300 "C" (1x100)	Engine (CID)300	

ABBREVIATIONS Distributor C-Centrifugal A V-Vacuum Advano VR-Vacuum Retau HEI-High Energy EI-Electronic Fuel System EFI, FI nV-nVenturi Cav VV-Variable Ven	Advance ce rd y Ignition Ignition rburetor nturi	Exhaust Emissions (AI-Air Injection CAI-Catalyst Air In CAB-Chamber Air Ble DD-Dual Displacemen EFI-Electronic Fue EGR-Exhaust Gas Rec EM-Engine Modificat EFE-Early Fuel Eval ESAC-Electronic Spa Control FI-Fuel Injection	Control System njection eed nt I Injection circulation tion poration ark Advance	OC-Oxidation Catalyst PAI-Pulse Air Injection RC-Reduction Catalyst TC-Turbo Charged TR-Thermal Reactor TWC-Three Way Catalyst (Feedback Control) EGR Syst. Service I-Inspect, repair/replace as needed R-Replace	
	Body		Box	Trim	
Model	Type Regular Van	<u>Wheelbase</u> LWB	A or B	1,2,3,4	
F-150	Regular van				
	Regular Cab Chassis Cab	LWB	-	1,2,3,4	
	Super Cab	SWB or LWB	А	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	А	1,2,3,4,5	
	Super Cab Chassis Cab	SWB or LWB	-	1,2,3,4,5	
	Crew Cab	LWB	А	1,3	
	Crew Cab Chassis Cab	LWB	-	1,3	
-	Wheelbase SWB Short Wh LWB Long Whe	eelbase elbase	<u>Box Desi</u> A. Style B. Flare	gn <u>Trim Level</u> side 1. Custom side 2. Ranger 3. Ranger XLT 4. Ranger Lariat 5. Camper Special	

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1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer	Ford Motor Company	Executive Order	No. <u>A-10-114</u>	Page <u>la</u>
Engine Family	<u>300 "C"</u>	Engine (CID)	300	_
Mode 1	Body Type	Wheelbase	Box Design	Trim Levels
E-150	Regular Van	SWB or LWB	A, B, or C	1,2,3
	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
	Super Wagon	LWB	-	1,2,3
	Wheelbase		<u>Box Design</u>	Trim Level
SI Li	VB Short Wheelbase VB Long Wheelbase		A. Cargo Van B. Display Va C. Window Van	1. Standard 2. Custom 3. Chateau

Date of Issue

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1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Ingir	ne Family3	00 "C"	(1 X 100)) Engine	(CID) <u>300</u>		Code 8-52U-RO
mis:	sion Control Sy	stem	PAI/EGR/	/0C	+	10%(A/C)	
ng. ode	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class RLHP	Distributor Type C,V Mfgr. Part Number	Fuel System Type 1 V Mfgr. Part Number	Part No. Service	Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	E-150 Regular Van SWB Regular Van LWB Super Van LWB Club Wagon SWB,LWB E-250 Regular Van LWB <u>E-250</u> Super Wagon LWB <u>E-250</u> Super Van LWB	A/3	4000 19.5 4500 19.5 5000 19.5	Ford D8TE- 12127-AAA	Ford D8TE- 9510-CNA	D8TE- 9D448-SA No Service Required	 8 * ± 2 BTDC @ 550 RPM in drive with hoses disconnecte and plugged at the distributor. Preset at factory Do not adjust. Se 1978 Ford Service Manual. 550 RPM in drive with all hoses connected.
	LWB Super Wagon LWB <u>F-150</u> Regular Cab LWB		<u>4000</u> 19.5				
Com See Dat	ments: All page I for abb	mod previat 977 ^R	els have ions and evisions	special roa model codes :	d Toad HP se		

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.ny n imiss	ion Control Sys	tem	PAI	/EGR/OC	+	10%(A/C)	Yes 🗆 No 😥
ng. ode	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class RLHP	Distributor Type C,V Mfgr. Part Number	Fuel System Type <u>1</u> V Mfgr. Part Number	EGR System Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	<u>F-150</u> Super Cab LWB,SWB F-250	A/3	4500 19.5	Ford D8TE- 12127-AAA	Ford D8TE- 9510-CNA	D8TE - 9D448-SA No Service Required	1) $8^{\circ} \pm 2^{\circ}$ BTDC @ 550 RPM in drive with hoses disconnecte and plugged at the distributor.
	Regular Cab LWB Super Cab SWB,LWB						2) Preset at factory Do not adjust. Se 1978 Ford Service Manual.
	F-150 CC Regular Cat LWB CC Super Cab SWB,LWB F-250		5000 26.5				3) 550 RPM in drive with all hoses connected.
	Crew Cab LWB CC Regular Cal LWB CC Super Cab SWB CC Crew Cab LWB	5	6000 26.5				
	CC Super Cab LWB		<u>6500</u> 26.5				
Comr See Date	nents: All page 1 for abbi e of Issue 0809	mod reviat	els have ions and evisions	special road model codes.	d load HP set	tings.	

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1978 AIR RESOUR	RCES BOARD	SUPPLEMENTAL	DATA SHEET
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Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class RLHP	Distributor Type C,V Mfgr. Part Number	Fuel System Type ₁ V Mfgr. Part Number	EGR System Part No. Service	Tuni Spe (1) (2) (3)	e-Up cification Basic Timing Idle Mixture Idle Speed
	E-150 Regular Van SWB Regular Van LWB Super Van	A/3	4000 19.5 4500 19.5	Ford D8TE- 12127-AAA	Ford D8TE- 9510-CNA	D8UE- 9D448-HA No Service Required	1) 2)	$8^{\circ} \pm 2^{\circ}$ BTDC @ 550 RPM in drive with hoses disconnecte and plugged at th distributor. Preset at factory Do not adjust. Se
	LWB Club Wagon SWB,LWB <u>E-250</u> Regular Van LWB						3)	1978 Ford Service Manual. 550 RPM in drive with all hoses connected.
	E-150 Super Wagon LWB E-250 Super Van LWB Club Wagon LWB Super Wagon		<u>5000</u> 19.5					
	LWB <u>F-150</u> Regular Cab LWB		4000 19.5			tipet		
Com See Dat	nents: All page T for abb e of Issue 11/4 R/C	mode reviat +/77 Re -5T	els have ions and evisions	special road model codes. :	d load HP set			

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	🔲 Passeng	er Cars		Light-Duty 1	Frucks 🕅	Medium Duty	Vehicle	:5
ักบ	facturer Ford	Motor Com	pany	Execut	ive Order No	. <u>A-10-114</u>	Pag Eng	ge <u>3a</u>
Facil	ne Family 300	"C" (1 X	100)	Engine	(CID) <u>30</u>	0	Coo	je 8-52U- R10
Engin	cion Control Svs	tem	PAI/	EGR/OC	+	10%(A/C)	Yes 🛙	No 🗭
	Nobiala Models	Ine	ertial[Distributor	Fuel System	EGR System	Tune-Up	
Eng. Code	(If Coded see	Trans We	ight 1	^{Type} C,V	Type 1 V		Specifi	cation
	attachment)			Mfgr. Part Number	Mfgr. Part Number	Part No. Service	(1) Bas (2) Id1 (3) Id1	e Mixture e Speed
	<u>F-150</u> Super Cab LWB,SWB	A/3 4	1 <u>500</u> 19.5	Ford D8TE- 12127-AAA	Ford D8TE- 9510-CNA	D8UE- 9D448-HA No Service	1) 8 [°] ± RPM hose and	BTDC @ 550 in drive with s disconnected plugged at the
	F-250 Regular Cab LWB Super Cab					Required	dist 2) Pres Do n	ributor. et at factory. ot adjust. See Ford Service
	SWB,LWB		5000			•	Manu	al.
	CC Regular Cal LWB CC Super Cab	b	26.5				3) 550 with conr	RFM in drive all hoses nected.
5	SWB,LWB F-250		· · · · · · · · · · · ·			\$ * *		
	Crew Cab LWB							
	CC Regular Ca LWB CC Super Cab	Ь	6000 26.5					
	SWB CC Crew Cab LWB							
	CC Super Cab LWB		<u>6500</u> 26.5	-				
Cor	mments: <u>All</u>	 models reviation	have is and	special road model codes.	d load HP se	ttings.		
Da	te of Issue 11/4 R/C-	./77 Revi .5T	sions:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
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STAFF USE ONLY

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AB - Chamber Air Bleed

DD

- Dual Displacement

EFE - Early Fuel Evaporation EFI - Electronic Fuel Injection EGR - Exhaust Gas Recirculation EM - Engine Modifications

CEPTIFICATION APPLICATION CHECK OFF SHEET

	1978 MODEL-YEAR CERTIFI	UNITON VITETO				
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-	Manutacturer	thon manufacti	urer:			
	Marketing Agreement with and	Juner manurace	1	Part II Sub	omittal	
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				T in the C	antrol System**	PATIFICALCO
	Engine Family 300 C"	(1 <u>x100)</u> Ex	haust	Emission Co	unt Emissions	at
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4			50	,000 Miles	(grams/miles)***	
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- ۲I - Oxidation Catalyst 00
 - PAI Pulse Air Injection
 - Reduction Catalyst RC
 - TC
 - Turbocharged Thermal Reactor TR
 - TWC Three Way Catalyst (Feedback Control)