

E. O.

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-42  
Relating to Approval of New Motor Vehicles

FORD MOTOR CO.

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-1;

IT IS ORDERED AND RESOLVED: That Ford Motor Company 1975 model-year gasoline-powered engines in heavy-duty motor vehicles are approved for the engine families described below:

<u>Family</u>	<u>Engine Size CID</u>	<u>Engine Model</u>	<u>Exhaust Emission Control System</u>
330/361/391	330	330MD	AIR INJECTION & EXHAUST GAS RECIRCULATION
	330	330XD	
	361	361XD	
	391	389XD	
351W	351	351W	AIR INJECTION
460	460	460	EXHAUST GAS RECIRCULATION
477/534	477	475	AIR INJECTION
	477	477	
	534	534	

Section 39152, Part I, Division 20 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

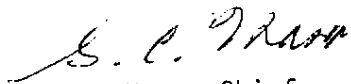
The following are the recommended values to be listed on the decal:

<u>Engine Family</u>	<u>Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour</u>	<u>Carbon Monoxide grams/brake horsepower-hour</u>
330/361/391	7	23
351W	9	19
460	8	16
477/534	8	25

Supplemental information sheets are attached to this order which include tune-up specifications and emission control system data.

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 23 day of October, 1974.



G. C. Hass, Chief  
Division of Vehicle  
Emissions Control

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR  
HEAVY-DUTY GASOLINE ENGINES

- a/ 5-81J-R1
- / 5-81J-R2
- b/ 5-81K-R3
- / 5-81K-R4
- c/ 5-85J-R5
- / 5-85J-R6

EXECUTIVE ORDER NO. A-10-42

Engine Family	Engine Models	Engine CID	Ford Motor Co.		Distributor		Fuel System		Emission Control System		Tune-up Specifications	
			Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	EGR ** Part No. Service*	Idle RPM	(BRDC) Basic Timing	Idle Mfgr. Mfgr. Part No.	Idle RPM
a/ 330/361/391	330MD (Manual Trans.)	330	C, V	Ford D5TE-12127-ADA	1-2V Carb.	Ford D5TE-9510-ACB	AI, EGR, EM	D4DE-9D475-EA	600 in Neutral	6° @ 600 RPM	5% Max w/o air @ 600 RPM	
b/ 330/361/391	330XD (Manual Trans.)	330	C, V	Ford D5TE-12127-ADA	1-2V Carb.	Ford D5TE-9510-ACB	AI, EGR, EM	D4DE-9D475-EA	600 in Neutral	6° @ 600 RPM	5% Max w/o air @ 600 RPM	
c/ 330/361/391	361XD (Manual Trans.)	361	C, V	Holley D5TE-12102-CA	1-4V Carb.	Holley D5TE-9510-BA	AI, EGR, EM	D40E-9D475-BA	650 in Neutral	6° @ 650 RPM	9.5% Max. w/o air @ 600 RPM	

Abbreviations:

- Distributor
- C - Centrifugal Advance
- V - Vacuum Advance
- VR - Vacuum Retard

Exhaust Emission Control System

- AI - Air Injection
- EFI - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- EM - Engine Modifications

- FI - Fuel Injection
- OC - Oxidation Catalyst
- RC - Reduction Catalyst
- TR - Thermal Reactor

\*Service

- I - Inspection, re replace as nee
- R - Replace
- \*\*Check and glean each 16,000 mil or 16 months whichever occur first (all EGR valves for the

AIR RESOURCES BOARD  
 SUPPLEMENTAL INFORMATION  
 1975 MODEL YEAR  
 HEAVY-DUTY GASOLINE ENGINES

MANUFACTURER:		Ford Motor Co.		EXECUTIVE ORDER NO. A- 10-42		PAGE NO. 1 of				
Engine Family	Engine Models	Engine CID	Distributor	Fuel System	Emission Control System	Tune-up Specifications	Idle RPM			
			Type	Mfgr. Part No.	Type	Part No. Service*	(BTDC) Basic Timing			
330/361/ 391	330MD (Manual Trans.)	330	C, V	Ford D5TE- 12127- ADA	1-2V Carb.	Ford D5TE- 9510- ACB	AI, EGR, EM	D4DE- 9D475-EA	6° @ 600 RPM	5% Me w/o @ 600 RPM
330/361/ 391	330XD (Manual Trans.)	330	C, V	Ford D5TE- 12127- ADA	1-2V Carb.	Ford D5TE- 9510- ACB	AI, EGR, EM	D4DE- 9D475-EA	6° @ 600 RPM	5% Me w/o @ 600 RPM
330/361/ 391	361XD (Manual Trans.)	361	C, V	Holley D5TE- 12102- CA	1-4V Carb.	Holley D5TE- 9510- BA	AI, EGR, EM	D4OE- 9D475-BA	6° @ 650 RPM	9.5% Max. w/o air 600 I

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 each 16,000 mil  
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 first (all EGR  
 valves for the

- a/ 5-86
- b/ 5-86J-13
- c/ 5-89J-R2
- 5-89J-R3
- 5-90J-R2
- 5-90J-R3

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR  
HEAVY-DUTY GASOLINE ENGINES

330 HD-2 (Rev. 3/20/75)

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EXECUTIVE ORDER NO. A- 10-42

Engine Family	Engine Models	Engine CID	Distributor		Fuel System		Emission Control System		Tune-up Specifications		
			Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service*	Idle RPM	(BTDC) Basic Timing	Idle Mixture
a/ C/361/91	361XD (Auto. Trans.)	361	C,V	Holley D5TE-12102-DA	1-4V Carb.	Holley D5TE-9510-BA	AI, EGR, EM	D40E-9D475-BA	650 in Drive	6° @ 650 RPM	9.5% Max. w/o air @ 600 RPM
b/ 30/361/91	389XD (Manual Trans.)	391	C,V	Holley D4TE-12102-BA	1-4V Carb.	Holley D5TE-9510-AA	AI, EGR, EM	D4DE-9D475-EA	650 in Neutral	4° @ 650 RPM	7.5% Max. w/o air @ 600 RPM
c/ 30/361/191	389XD (Auto. Trans.)	391	C,V	Holley D4TE-12102-CA	1-4V Carb.	Holley D5TE-9510-AA	AI, EGR, EM	D4DE-9D475-EA	650 in Drive	4° @ 650 RPM	7.5% Max. w/o air @ 600 RPM

**Abbreviations:**

- istributor
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- R- Vacuum Retard

**Exhaust Emission Control System**

- AI - Air Injection
- EFI - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- EM - Engine Modifications

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- OC - Oxidation Catalyst
- RC - Reduction Catalyst
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**\*Service**

- I - Inspection, repair, replace as needed
  - R - Replace
- \*\*Check and clean each 16,000 miles or 16 months whichever occurs first (all EGR valves for the

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR  
HEAVY-DUTY GASOLINE ENGINES

MANUFACTURER: Ford Motor Co.		EXECUTIVE ORDER NO. A- 10-42										PAGE NO.2 of 6	
Engine Family	Engine Models	Engine CID	Distributor		Fuel System		Emission Control System		EGR **		Tune-up Specifications		
			Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No.	Service*	Idle RPM	(BTDC) Basic Timing	Idle Mixture	
30/361/ 391	361XD (Auto. Trans.)	361	C,V	Holley D5TE- 12102- DA	1-4V Carb.	Holley D5TE- 9510- BA	AI, EGR, EM	D40E- 9D475-BA	6° @ 650 RPM	9.5% Max. w/o air @ 600 RPM			
30/361/ 391	389XD (Manual Trans.)	391	C,V	Holley D4TE- 12102- BA	1-4V Carb.	Holley D5TE- 9510- AA	AI, EGR, EM	D4DE- 9D475-EA	4° @ 650 RPM	7.5% Max. w/o air @ 600 RPM			
30/361/ 391	389XD (Auto. Trans.)	391	C,V	Holley D4TE- 12102- CA	1-4V Carb.	Holley D5TE- 9510- AA	AI, EGR, EM	D4DE- 9D475-EA	4° @ 650 RPM	7.5% Max. w/o air @ 600 RPM			

**Abbreviations:**

- Distributor
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- Vacuum Advance
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**Exhaust Emission Control System**

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a/ 5-90K-R2  
5-90K-R3

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
330 HD-2 (Rev. 3/20/75)  
1975 MODEL YEAR  
HEAVY-DUTY GASOLINE ENGINES

MANUFACTURER: Ford Motor Co. EXECUTIVE ORDER NO. A-10-42 PAGE NO. 321

Engine Family	Engine Models	Engine CID	Distributor		Fuel System		Emission Control System		Tune-up Specifications		
			Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	EGR ** Part No. Service*	Idle RPM	(BTDC) Basic Timing	Idle Mixture
330/361/391	389XD (Auto. Trans.)	391	C,V	Holley DATE-12102-BA	1-4V Carb.	Holley D5TE-9510-AA	AI, EGR, EM	D4DE-5D-75-BA	650 in Drive	4° @ 650 RPM	7.5% Max. w/O air @ 600 RPM

Abbreviations:

- AI - Centrifugal Advance
- E - Vacuum Advance
- EM - Vacuum Retard

Exhaust Emission Control System

- AI - Air Injection
- EFI - Electronic Fuel Injection
- EGR - Exhaust Gas Recirculation
- EM - Engine Modifications

- FI - Fuel Injection
- CC - Oxidation Catalyst
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\*Service

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  - R - Replace
- +\*Check and clean each 15,000 miles or 16 months whichever occurs first (all EGR valves for the

AIR RESOURCES BOARD  
 SUPPLEMENTAL INFORMATION  
 1975 MODEL YEAR  
 HEAVY-DUTY GASOLINE ENGINES

EXECUTIVE ORDER NO. A- 10-42

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MANUFACTURER: Ford Motor Co.		Distributor				Fuel System		Emission Control System		Tune-up Specifications	
Engine Family	Engine Models	Engine CID	Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	EGR ** Part No. Service*	Idle RPM	(BFTDC) Basic Timing	Idle Mixture
30/361/ 391	389XD (Auto. Trans.)	391	C, V	Holley D4TE- 12102- BA	1-4V Carb.	Holley D5TE- 9510- AA	AI, EGR, EM	D4DE- 9D475- EA	650 in Drive	4° @ 650 RPM	7.5% Max. w/O air @ 600 RPM

**Abbreviations:**

- Centrifugal Advance
- Vacuum Advance
- Vacuum Retard

**Exhaust Emission Control System**

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AIR RESOURCES BOARD  
 SUPPLEMENTAL INFORMATION  
 1975 MODEL YEAR  
 HEAVY-DUTY GASOLINE ENGINES

EXECUTIVE ORDER NO. A- 10-42  
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MANUFACTURER:	Ford Motor Co.	Tune-up Specifications										
		Engine Family	Engine Models	Engine CID	Distributor		Fuel System		Emission Control System		EGR Part No. Service*	Idle RPM
351W	351W (Manual Trans.)	351	C,V	D5UE-12127-CA	1-2V Carb.	D5UE-9510-JA	AI, EM	NONE	650 in Drive	14° @ 650 RPM in Neutral	3% w/o Air Max.	
351W	351W (Auto. Trans.)	351	C,V	D5UE-12127-CA	1-2V Carb.	D5UE-9510-KA	AI, EM	NONE	650 in Neutral	14° @ 650 RPM in Neutral	3% w/o Air Max.	

Abbreviations:  
 distributor  
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Exhaust Emission Control System  
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\*Service  
 I - Inspection, repair  
 replace as needed  
 R - Replace

(Rev. 4/7/75)

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR  
HEAVY-DUTY GASOLINE ENGINES

a/ 5-75J-R4  
b/ 5-76J-R6

MANUFACTURER: Ford Motor Co.		EXECUTIVE ORDER NO. A-10-42										PAGE NO 4-1
Engine Family	Engine Models	Engine CID	Distributor		Fuel System		Emission Control System		Tune-up Specifications		Idle Mixture	
			Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service*	Idle RPM	(BTDC) Basic Timing		
a/ 351W	351W (Manual Trans.)	351	C,V	D5UE-12127-CA	1-2V Carb.	D5UE-9510-JA	AI, EM	NONE	650 in Drive	14° @ 650 RPM in Neutral	3% w/o Air Max.	
b/ 351W	351W (Auto. Trans.)	351	C,V	D5UE-12127-CA	1-2V Carb.	D5UE-9510-KA	AI, EM	NONE	650 in Neutral	14° @ 650 RPM in Neutral	3% w/o Air Max.	

Abbreviations:  
Distributor  
- Centrifugal Advance  
- Vacuum Advance  
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Exhaust Emission Control System  
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replace as needed  
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AIR RESOURCES BOARD  
 SUPPLEMENTAL INFORMATION  
 1975 MODEL YEAR  
 HEAVY-DUTY GASOLINE ENGINES

(351 HD-2) Revised 11/12/74

EXECUTIVE ORDER NO. A- 10-42

MANUFACTURER:	Ford Motor Co.	Distributor		Fuel System		Emission Control System		Tune-up Specifications			
		Engine Family	Engine Models	Engine CID	Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	EGR Part No. Service*	Idle RPM
351W	351W (Manual Trans.)	351	C, V	D5UE-12127-CA	1-2V Carb.	D5UE-9510-JD	AI, EM	NONE	650 in Drive	14° @ 650 RPM in Neutral	3 3/4 w/o Air Max.
351W	351W (Auto. Trans.)	351	C, V	D5UE-12127-CA	1-2V Carb.	D5UE-9510-KD	AI, EM	NONE	650 in Neutral	14° @ 650 RPM in Neutral	3 3/4 w/o Air Max.

Abbreviations:

- istributor
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- Vacuum Advance
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\*Service

- I - Inspection, repair
- replace as needed
- R - Replace

- a/ 5-75J-R5
- 5-75J-R6
- b/ 5-76J-R7
- 5-76J-R8

AIR RESOURCES BOARD  
 SUPPLEMENTAL INFORMATION  
 1975 MODEL YEAR  
 HEAVY-DUTY GASOLINE ENGINES

351HD-5 (Rev. 4/7/75)

EXECUTIVE ORDER NO. A-10-42

Engine Family	Engine Models	Engine CID	Distributor		Fuel System		Emission Control System		Tune-up Specifications		
			Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service*	Idle RPM	(BTDC) Basic Timing	Idle Mixture
a/ 351W	351W (Manual Trans.)	351	C,V	D5UE-12127-CA	1-2V Carb.	D5UE-9510-JD	AI, EM	NONE	650 in Drive	14° @ 650 RPM in Neutra	3 3/4 w/o Air Max.
b/ 351W	351W (Auto. Trans.)	351	C,V	D5UE-12127-CA	1-2V Carb.	D5UE-9510-KD	AI, EM	NONE	650 in Neutral	14° @ 650 RPM in Neutra	3 3/4 w/o Air Max.

MANUFACTURER: Ford Motor Co.

Abbreviations:  
 distributor  
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 - Vacuum Advance  
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Exhaust Emission Control System  
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 replace as needed  
 R - Replace

AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR  
HEAVY-DUTY GASOLINE ENGINES

MANUFACTURER: Ford Motor Co. EXECUTIVE ORDER NO. A-10-42 PAGE NO. 5 of 6

Engine Family	Engine Models	Engine CID	Distributor		Fuel System		Emission Control System		Tune-up Specifications		
			Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service*	Idle RPM	(BTDC) Basic Timing	Idle Mixture
460	460 (Auto. Trans.)	460	C, V	Ford D5TE-12127-AGA	1-4V Carb.	Ford D5TE-9510-BBA	EM, EGR	D40E-9D475-BA E & F Series CH/CL each 15,000 miles or 15 months**	650 in Drive	12° @ 650 RPM	2% Max.
						D5UE-9510-SA		P & M Series CH/CL each 16,000 miles or 16 months**			

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R - Replace  
CH - Check  
CL - Clean  
\* whichever occurs first

AIR RESOURCES BOARD  
 SUPPLEMENTAL INFORMATION  
 1975 MODEL YEAR  
 HEAVY-DUTY GASOLINE ENGINES

(460 HD-1) Revised 11/12/74

PAGE NO. 5

EXECUTIVE ORDER NO. A-10-42

MANUFACTURER: Ford Motor Co.		Distributor		Fuel System		Emission Control System		Tune-up Specifications			
Engine Family	Engine Models	Engine CID	Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service*	Idle RPM	(BTDC) Basic Timing	Idle Mixture
460	460 (Auto. Trans.)	460	C, V	Ford D5TE-12127-AGA	1-4V Carb.	Ford D5TE-9510-BBB	EM, EGR	D40E-9D475-BA E & F Series CH/CL each 15,000 miles or 15 months**	650 in Drive	12° @ 650 RPM	2% Max.
						D5UE-9510-SA		P & M Series CH/CL, each 16,000 miles or 16 months**			

Abbreviations:

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Fuel Injection

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- CL - Clean
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AIR RESOURCES BOARD  
 SUPPLEMENTAL INFORMATION  
 1975 MODEL YEAR  
 HEAVY-DUTY GASOLINE ENGINES

(460 HD-2) Revised 11/15/74

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EXECUTIVE ORDER NO. A-10-42

MANUFACTURER: Ford Motor Co.		Distributor		Fuel System		Emission Control System		Tune-up Specifications			
Engine Family	Engine Models	Engine CID	Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service*	Idle RPM	(BTDC) Basic Timing	Idle Mixture
460	460 (Auto. Trans.)	460	C, V	Ford D5TE-12127-AGA	1-4V Carb.	Ford D5TE-9510-BBC	EM, EGR	D40E-9D475-BA E & F Series CH/CL each 15,000 miles or 15 months**	650 in Drive	12° @ 650 RPM	2% Max.
						D5UE-9510-SB		P & M Series CH/CL each 16,000 miles or 16 months**			

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AIR RESOURCES BOARD  
SUPPLEMENTAL INFORMATION  
1975 MODEL YEAR  
HEAVY-DUTY GASOLINE ENGINES

PAGE NO. 6 of 6

MANUFACTURER: Ford Motor Co.		EXECUTIVE ORDER NO. A- 10-42										
Engine Family	Engine Models	Engine CID	Distributor		Fuel System		Emission Control System		Tune-up Specifications (BTDC)		Idle Mixture	
			Type	Mfgr. Part No.	Type	Mfgr. Part No.	Type	Part No. Service*	Idle RPM	Basic Timing		
77/534	475	477	C, V	D5HE-12127-CA	1-4V Carb.	D5HE-9510-CA	EM, AI	EGR	NONE	550 in Neutral	12° @ 550 RPM	7.5% W/C Air @ 550 RPM
	477 (Manual Trans.)											
77/534	534 (Manual Trans.)	534	C, V	D5HE-12127-CA	1-4V Carb.	D5HE-9510-BA	EM, AI	NONE	NONE	550 in Neutral	12° @ 550 RPM	5.5% W/C Air @ 550 RPM
	534 (Auto. Trans.)											
77/534	534 (Auto. Trans.)	534	C, V	D5HE-12127-CA	1-4V Carb.	D5HE-9510-BA	EM, AI	NONE	NONE	550 in Drive	12° @ 550 RPM	5.5% W/C Air @ 550 RPM

Abbreviations:  
Distributor  
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V - Vacuum Advance  
/R- Vacuum Retard

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