

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-516
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; 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 1993 model-year Ford Motor Company exhaust emission control systems are certified as described below for mediun-duty vehicles:

Fuel Type: Gasoline

Engine Family: PFM5.8T5HAL9 Displacement: 5.0 Liters (302 Cubic Inches)
5.8 Liters (351 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

- Three-Way + Oxidation Catalytic Converter
- Secondary Air Injection
- Heated Oxygen Sensor
- Exhaust Gas Recirculation
- Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
3751-5750	50,000	0.50	9.0	1.0

The certification exhaust emission values for this engine family in grams per mile are:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
3751-5750	50,000	0.18	3.4	0.8

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".

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 Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

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

Executed at El Monte, California this 30th day of March, 1992.



R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEETManufacturer FORD MOTOR COMPANY Eng. Family PFM5.8T5HAL9 (P5.8TAL)Pass Cars Lt-Duty Trucks Med-Duty Vehicles X Fuel Type GasolineEng. Config V-8 Liter (CID) 5.0L (302) Evap. Family HMEmission Control System & Special Features TWC+OC, AIR, HO2S, EGR, MFIEngine: Front Mid. Rear X Drive: FWD RWD X 4WD-FT 4WD-PT X

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP	Ign. Sys. (PCME/PROM) Part No.	EGR Syst. Part No	Catalyst Part No.
354TROON	E150 RVL 4x2	A-DUC	5000	*	F3UF-BA	F2TE-DA	F2UA-DA
354TRO0A	RVL	(A4)	5000			alt:	
354TROON	E150 CWL		5500			E7TE-FA	
354TRO0A	CWL		5500				
254PR10N	BRONCO 4x4	A-DEB	5250		F2TF-AJA		F1TA-FA
254PR10A	"		5250				
254PR10N	F150 RKL 4x2	(A4)	4500				F1TA-EA
254PR10A	RKL		4500				
254PR10N	SKL		5000				
254PR10N	SKS		4750				
254PR10A	SKL		5000				
254PR10A	SKS		4750				
254PR10N	F150 RKL 4x4		4750				
254PR10N	RKS		4500				
254PR10A	RKL		5000				
254PR10A	RKS		4750				
254PR10N	SKL		5250				
254PR10N	SKS		5000				
254PR10A	SKL		5250				
254PR10A	SKS		5000				
254PR10N	F250 RKL 4x2		5000				
254PR10A	RKL		5000				

* See DPA chart, Page 20.09.17.02-3

ENGINE FAMILY: P5.8TAL

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ISSUED: 1-22-92

REVISED:

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEETManufacturer FORD MOTOR COMPANY Eng. Family PFM5.8T5HAL9 (P5.8TAL)Pass Cars Lt-Duty Trucks Med-Duty Vehicles X Fuel Type GasolineEng. Config V-8 Liter (CID) 5.8L (351) Evap. Family HMEmission Control System & Special Features TWC+OC, AIR, HO2S, EGR, MFIEngine: Front Mid. Rear X Drive: FWD RWD X 4WD-FT 4WD-PT X

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP	Ign. Sys. (PCME/PROM) Part No. -12A650-	EGR Syst. Part No -9F483-	Catalyst Part No. -5F250-
264SR10N	BRONCO 4x4	A-DEB	5250	*	F2TF-BSA	F2TE-EA	F1TA-JA
264SR10A	"		5250			Alt:	
264RR00N	E150 RVL 4x2	(A4)	5000		F2TF-DA	E8TE-BA	F1UA-KA
264RR00A	RVL		5250				
264RR00N	CWL		5500				
264RR00A	CWL		6000				
264RR00N	E250 RVL		5500				
264RR00A	RVL		5500				
264RR00N	SVL		5500				
264RR00A	SVL		6000				
264SR10N	F150 RKL 4x2		4750		F2TF-BSA		F1TA-HA
264PR10N	RKL		4750		F2TF-BBB		
264SR10A	RKL		4750		F2TF-BSA		
264PR10A	RKL		4750		F2TF-BBB		
264SR10N	SKL		5000		F2TF-BSA		
264SR10N	SKS		5000				
264SR10A	SKL		5000				
264SR10A	SKS		5000				
264SR10N	F150 RKL 4x4		5000				
264SR10N	RKS		4750				
264SR10A	RKL		5000				
264SR10A	RKS		4750				
264SR10N	SKL		5250				
264SR10N	SKS		5000				
264SR10A	SKL		5250				
264SR10A	SKS		5250				
264SR10N	F250 SKL 4x2		5000				
264SR10A	SKS		5000				

* See DPA chart, Page 20.09.17.02-3

ENGINE FAMILY: P5.8TAL

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ISSUED: 1-22-92

REVISED:

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEETManufacturer FORD MOTOR COMPANY Eng. Family PFM5.8T5HAL9 (P5.8TAL)Pass Cars --- Lt-Duty Trucks X Med-Duty Vehicles --- Fuel Type GasolineEng. Config V-8 Liter (CID) 5.8L (351) Evap. Family HMEmission Control System & Special Features TWC+OC, AIR, HO2S, EGR, MFIEngine: Front --- Mid. --- Rear X Drive: FWD --- RWD X 4WD-FT --- 4WD-PT X

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264SR11N	BRONCO 4x4	A-DEB	5250	*	F2TF-BSB	F2TE-EA	F1TA-JA
264SR11A	"		5250			Alt:	
264RR11N	E150 RVL 4x2		5250		F2TF-DB	E8TE-BA	F1UA-KA
264RR11A	RVL		5250				
264RR11N	CWL		5500				
264RR11A	CWL		6000				
264RR11N	E250 RVL		5500				
264RR11A	RVL		5500				
264RR11N	SVL		5500				
264RR11A	SVL		5500				
264SR11N	F150 RKL 4x2		4750		F2TF-BSB		F1TA-HA
264SR11A	RKL		4750				
264SR11A	SKL		5000				
264SR11A	SKS		5000				
264SR11N	SKL		5000				
264SR11A	SKS		5000				
264SR11N	RKL		5000				
264SR11N	RKS		4750				
264SR11A	F150 RKL 4x4		5000				
264SR11A	RKS		4750				
264SR11N	SKL		5250				
264SR11N	SKS		5250				
264SR11A	SKL		5250				
264SR11A	SKS		5250				
264SR11N	F250 RKL 4x2		5000				
264SR11A	RKL		5000				

* See DPA chart, Page 20.09.17.02-3

ENGINE FAMILY: P5.8TAL

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ISSUED: 6-15-92 (R/C 5.8-101)

REVISED:

1993 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEETManufacturer FORD MOTOR COMPANY Eng. Family PFM5.8T5HAL9 (P5.8TAL)Pass Cars___ Lt-Duty Trucks X Med-Duty Vehicles___ Fuel Type GasolineEng. Config V-8 Liter (CID) 5.0L (302) Evap. Family HMEmission Control System & Special Features TWC+OC, AIR, HO2S, EGR, MFIEngine: Front___ Mid. ___ Rear X Drive: FWD___ RWD X 4WD-FT___ 4WD-PT X

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP	Ign. Sys. (PCME/PROM) Part No. -12A650-	EGR Syst. Part No -9F483-	Catalyst Part No. -5F250-
254TR11N	E150 RVL 4x2	A-DC	5000	*	F2TF-AFB	F2TE-DA	F2UA-DA
254TR11A	RVL		5000			alt: E7TE-FA	
254TR11N	E150 CWL		5500				
254TR11A	CWL		5500				
254PR12N	BRONCO 4x4	A-DEB	5250		F2TF-AJB		F1TA-FA
254PR12A	"		5250				
254PR12N	F150 RKL 4x2		4500				F1TA-EA
254PR12A	RKL		4500				
254PR12N	SKL		5000				
254PR12A	SKS		4750				
254PR12A	SKL		5000				
254PR12A	SKS		4750				
254PR12N	F150 RKL 4x4		4750				
254PR12N	RKS		4500				
254PR12A	RKL		5000				
254PR12A	RKS		4750				
254PR12N	SKL		5250				
254PR12N	SKS		5000				
254PR12A	SKL		5250				
254PR12A	SKS		5000				
254PR12N	F250 RKL 4x2		4750				
254PR12A	RKL		5000				

* See DPA chart, Page 20.09.17.02-3

ENGINE FAMILY: P5.8TAL

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ISSUED: 6-18-92 (R/C 5.0-101)

REVISED: