State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-457
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 1991 model-year Ford Motor Company exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family: MFM4.9T5HGL5 Displacement: 4.9 Liters (300 Cu. Inches)
Equipped with the following exhaust emission control systems:

Heated Oxygen Sensor
Secondary Air Injection
Three-Way Catalyst
Oxidation Catalyst
Multipoint Electronic Fuel Injection
Exhaust Gas Recirculation

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

The following are the emission standards for this engine family:

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
3751-5750	0.50	9.0	1.0

The following are the certification emission values for this engine family:

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
3751-5750	0.21	3.9	0.6

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 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 Tune-Up 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 of California Health and Safety Code Section 43205.

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 14th day of June, 1990.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

FORD LIGHT-DUTY TRUCKS

C	= CLUB
K	= CAB
L	= LONG BED
R	= REGULAR
S (1ST CHARACTER)	= SUPER
S (3RD CHARACTER)	= SHORT BED
V	= VAN
W	= WAGON

EXAMPLES:

RKL MEANS REGULAR CAB, LONG BED

SKS MEANS SUPER CAB, SHORT BED

CWL MEANS CLUB WAGON, LONG CHASSIS

E.O.# A-10-457

1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family MFM4.9T5HGL5

Pass Cars___ Lt-Duty Trucks X Med-Duty Vehicles___ Fuel Type Gas

Eng. Type I-6 Liter (CID) 4.9L (300) Evap. Family HM

Emission Control System & Special Features TWC+OC, AIR, HO2S, EGR, MPI

Engine: Front X Mid.___ Rear___ Drive: FWD___ RWD X 4WD-FT___ 4WD-PT X

Standards; NMHC: 0.50, CO:9.0, NOx: 1.0, EVAP: 2.0

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-
152SR00N	BRONCO 4X4	DEA	5000	*	F1TF-AMA	E8TE-DA	F1TA-DA
152SR00A			5000				
152QR00N	E150 RVL 4X2		4500		F1TF-APA		FOUF-TA
152QR00A			4750				
152QR00N	E150 SVL		4750				
152QR00A			5000				
152QR00N	E150 CWL		5250				
152QR00A			5250				
152QR00N	E250 RVL		5000				
152QR00A			5000				
152QR00N	E250 SVL		5250				
152QR00A			5250				
152RR00N	F150 RKL		4500		F1TF-AKA		FOTA-SA
152SR00N	RKS		4250		F1TF-AMA		
152RR00A	RKL		4500		F1TF-AKA		
152SR00A	RKS		4500		F1TF-AMA		
152SR00N	SKL		4750				
152RR00N	SKS		4750		F1TF-AKA		
152RR00A	SKL		4750				
152RR00A	SKS		4750				
152RR00N	F150 RKL 4X4		4750				
152SR00N	RKS		4500		F1TF-AMA		
152RR00A	RKL		4750		F1TF-AKA		
152SR00A	RKS		4500		F1TF-AMA		
152RR00N	F250 RKL 4X2		4750		F1TF-AKA		
152RR00A			4750				
152RR00N	BRONCO 4X4	RE390	4750				F1TA-DA
151RR00A			5000		F1TF-AFA	E8TE-CA	
151RR00N	F150 RKL 4X2		4250				FOTA-SA
151RR00N	RKS		4250				
151RR00A	RKL		4500				
151RR00A	RKS		4250				
151RR00N	SKL		4750				
151RR00N	SKS		4500				

* See DPA chart, section 20.09.17.02.

E.O.# A-10-457

1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family MFM4.9T5HGL5

Pass Cars___ Lt-Duty Trucks X Med-Duty Vehicles___ Fuel Type Gasoline

Eng. Type I-6 Liter (CID) 4.9L (300) Evap. Family HM

Emission Control System & Special Features TWC, OC, AIR, HO2S, EGR, MPI

Engine: Front X Mid.___ Rear___ Drive: FWD___ RWD X 4WD-FT___ 4WD-PT X

Standards; NMHC: 0.50, CO: 9.0, NOx: 1.0, EVAP: 2.0

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-
151RR00A	F150 SKL 4X2	RE390	4750	*	F1TF-AFA	E8TE-CA	FOTA-EA
151RR00A	SKS		4750				
151RR00N	F150 RKL 4X4		4500				
151RR00N	RKS		4500				
151RR00A	RKL		4750				
151RR00A	RKS		4500				
151RR00N	SKL		5000				
151RR00A	SKS		4750				
151RR00A	SKL		5000				
151RR00A	SKS		5000				
151RR00N	F250 RKL 4X2		4500				
151RR00A			4500				
151RR00N	BRONCO 4X4	FD632	5000				F1TA-FA
151RR00A			5000				
151RR00N	F150 RKL 4X2		4500				FOTA-SA
151RR00N	RKS		4250				
151RR00A	RKL		4500				
151RR00A	RKS		4250				
151RR00N	SKL		4750				
151RR00N	SKS		4750				
151RR00A	SKL		4750				
151RR00A	SKS		4750				
151RR00N	F150 RKL 4X4		4750				
151RR00N	RKS		4500				
151RR00A	RKL		4750				
151RR00A	RKS		4500				
151RR00N	SKL		5000				
151RR00N	SKS		5000				
151RR00A	SKL		5000				
151RR00A	SKS		5000				
151RR00N	F250 RKL 4X2		4750				
151RR00A	RKL		4750				
151RR00N	RKL 4X4		5000				
151RR00A	RKL		5000				

* See DPA chart, section 20.09.10.02.

ENGINE FAMILY: M4.9TGL

ISSUED: 5-29-90

REVISED:

E.O.# A-10-457

1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer FORD MOTOR COMPANY Eng. Family MFM4.9T5HGL5

Pass Cars___ Lt-Duty Trucks X Med-Duty Vehicles___ Fuel Type Gasoline

Eng. Type I-6 Liter (CID) 4.9L (300) Evap. Family HM

Emission Control System & Special Features TWC, OC, AIR, HO2S, EGR, MPI

Engine: Front X Mid.___ Rear___ Drive: FWD___ RWD X 4WD-FT___ 4WD-PT X

Standards; NMHC: 0.50, CO: 9.0, NOx: 1.0, EVAP: 2.0

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-
151RR00N	BRONCO 4X4	RD572	5000	*	F1TF-AFA	E8TE-CA	F1TA-DA
151RR00A			5000				
151RR00N	F150 RKL 4X2		4250				FOTA-SA
151RR00A	RKL		4500				
151RR00N	RKL 4X4		4750				
151RR00N	RKS		4500				
151RR00A	RKL		4750				
151RR00A	SKS		4500				
151RR00N	F250 RKL 4X2		4750				
151RR00A	RKL		4750				
151RR00N	RKL 4X4		5000				
151RR00A	RKL		5000				

* See DPA chart, section 20.09.17.02.