State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-573 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 1994 model-year Ford Motor Company exhaust emission control systems are certified as described below for passenger cars:

<u>Fuel Type</u>: Gasoline

Engine Family: RFM2.0VJG1EA Displacement: 2.0 Liters (122 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three Way Catalytic Converter Heated Oxygen Sensor Exhaust Gas Recirculation Sequential 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:

Miles	Non-Methane	Carbon	Nitrogen
	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>
50,000	0.25	3.4	0.4
100,000	0.31	4.2	n/a

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

Miles	Non-Methane	Carbon	Nitrogen
	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>
50,000	0.16	1.6	0.2
100,000	0.18	2.0	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average NMOG exhaust mass emission requirements as set forth 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 under the submitted compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That on January 14, 1993, the Air Resources Board approved the repeal of the currently-effective requirement that each manufacturer certify a minimum of 80 percent of its projected sales of 1994 model-year California-certified passenger cars and light-duty trucks to the phase-in standards for non-methane hydrocarbons (NMHC), or the more stringent standards in section 1960.1(g)(2) of Title 13, California Code of Regulations. If the repeal of such requirement does not become effective by December 31, 1993, the manufacturer shall submit a plan for compliance with the requirement; passenger cars and light-duty trucks not meeting such phase-in or more stringent standards shall be certified only to the extent allowed under the requirement.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model 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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2290).

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" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(2.0) 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 6 day of August, 1993.

R. B. Summerfield
Assistant Division Chief

Mobile Source Division

Manufacture	FORD MOTOR	COMPANY		Eng. F	amily <u>RFM2.0V</u>	JG1EA	
Pass Cars X	_ Lt-Duty True	cks h	fed-Duty	Vehicle	es Fuel Ty	ype <u>Unlead</u>	<u>ed</u>
Eng. Type	<u>I-4</u> Liter	(CID) 2	OL (12	1.5) Ev	ap. Family <u>RF</u>	11065BYP01	3
Emission Con	ntrol System &						_
Engine: From	(Use abbi nt <u>X</u> MidI				O June88) WD4WD-FT_	4WD-PT_	
Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP	Ign. Sys. (PCME/PROM) Part No.	EGR Syst. Part No -20 300-	I .
4CFSYMON	PROBE	М	3000		Distributor: FS07 18 200A Control Unit FS55 18 881A FS55 18 881B	FS56 A	FS49 600
4CFSYMOA	PROBE	м	3000	6.8\$ 6.0# 6.4@	00 00 00 00 00 00	и н	H H
4FFSXAON	PROBE	A	3125		Distributor: FS07 18 200A Control Unit FS56 18 881A FS56 18 881B FS56 18 881C	nH	95 99 95 99
4FFSXA0A	PROBE	A	3125	6.8\$	# #	H H	и и

6.0# 6.4@

Certification Standards (50K/100K) NMHC: 0.25/0.31

CO: 3.4/ 4.2

NOx: 0.4 EVAP: 2.0

Idle HC: 220 *1

100 *2 Idle CO: 1.2 *1

1.0 *2

ENGINE FAMILY: RFM2.0VJG1EA

ISSUED: 07-23-93

REVISED:

20.09.17.02 - 1

^{*1:} at 2500 rpm N/L

^{*2:} at idle

^{\$:} P195/65R14 tires

^{#:} P205/55R15 tires with fascia

a: P205/55R15 tires without fascia

Manufactur	er <u>FORD MOTOR</u>	COMPANY		Eng. F	amily <u>RFM2.0V</u>	JG1EA	
	X Lt-Duty Tru						ed
Eng. Type_	I-4 Liter	(CID) 2	OL (12	<u>1.5)</u> Ev	ap. Family <u>RF</u>	M1065BYP0	В
Emission Co	ontrol System &	Special	Feature	s <u>TWC/</u>	EGR/H02S/SFI		_
Engine: Fro	ont X Mid.	Rear1	orive: F	WD <u>X</u> R	O June88) WD4WD-FT_	4WD-PT	
Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP	Ign. Sys. (PCME/PROM) Part No.		Catalyst Part No.
4FFSXA1N	PROBE	A	3125	5.5#	Distributor: FS07 18 200A Control Unit FS56 18 881E	FS56	FS49 600
4FFSXA1A	PROBE	A	3125	6.0#	Distributor FS07 18 200A Control Unit		H H
Certificati NMHC: 0. CO: 3. NOx: 0. EVAP: 2. Idle HC:	4/ 4.2 4 0 220 *1 100 *2	50K/100K)		o . 4e	FS56 18 881E		11 11
	1.0 *2						

REVISED:

^{*1:} at 2500 rpm N/L

^{*2:} at idle

^{\$:} P195/65R14 tires

^{#:} P205/55R15 tires with fascia

a: P205/55R15 tires without fascia

Manufacture	er FORD MOTOR	COMPANY		Eng. F	amily <u>RFM2.0V</u>	JG1EA_	
Pass Cars_}	Lt-Duty Tru	cks	Med-Duty	Vehicl	es Fuel T	ype <u>Unlead</u>	ed_
Eng. Type	I-4 Liter	(CID) 2	OL (12	<u>1.5)</u> Ev	ap. Family <u>RF</u>	M1065BYP0	<u>B</u>
Emission Co	ontrol System &	Special	Feature	s <u>TWC/</u>	EGR/H02S/SFI		
Engine: Fro	ont_X_Mid	reviation Rear	ns per S. Drive: F	AE J193 WD <u>X</u> R	O June88) WD 4WD-FT_	4WD-PT	
Eng. Code/ (Cert	Veh. Models (If Coded see	Trans. Type: A-Auto		RLHP	Ign. Sys. (PCME/PROM) Part No.	Syst.	Catalyst Part No.
Std.)	Attachmt.)	M-Man.			rait No.	Part No -20 300-	4
4CFSYM1N	PROBE	M	3000	5.5#	Distributor: FS07 18 200A Control Unit FS55 18 881C	FS56 FS56 A	FS49 600
4CFSYM1A	PROBE	М	3000	6.0#	Distributor FS07 18 200A Control Unit FS55 18 881C		87 13 11 82
Certificati NMHC: 0. CO: 3. NOx: 0. EVAP: 2. Idle HC:	4/ 4.2 4 0	60K/100K)		0.46	1533 16 6610		

Idle CO: 1.2 *1

1.0 *2

ENGINE FAMILY: RFM2.0VJG1EA

ISSUED: 10-04-93

REVISED:

^{*1:} at 2500 rpm N/L

^{*2:} at idle

^{\$:} P195/65R14 tires

^{#:} P205/55R15 tires with fascia

a: P205/55R15 tires without fascia

Manufacturer FORD MOTOR COMPANY Eng. F	amily RFM2.OVJG1EA
Pass Cars X Lt-Duty Trucks Med-Duty Vehicl	es Fuel Type <u>Unleaded</u>
Eng. Type <u>I-4</u> Liter (CID) <u>2.0L</u> (121.5) Ev	ap. Family <u>RFM1065BYP0B</u>
Emission Control System & Special Features TWC/	
(Use abbreviations per SAE J1930 Engine: Front X Mid. Rear Drive: FWD X R	

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP	Ign. Sys. (PCME/PROM) Part No.	EGR Syst. Part No -20 300-	Catalyst Part No.
4CFSYMON	PROBE	М	3000	6.2\$ 5.5# 5.8@	Distributor: FS07 18 200A Control Unit FS55 18 881A FS55 18 881B	FS56	FS49 600
4CFSYMOA	PROBE	М	3000	6.8\$ 6.0# 6.4@	66 PF 66 PF 55 PF	11 d) H 31	89 PC
4FFSXAON	PROBE	A	3125	6.2\$ 5.5# 5.8@	Distributor: FS07 18 200A Control Unit FS56 18 881A FS56 18 881B FS56 18 881C FS56 18 881D	H 11	11 H
4FFSXA0A	PROBE	А	3125	6.8\$ 6.0# 6.4@	0 0 0 0	1) (I	11 (t
NMHC: 0.		50K/100K)					

^{*1:} at 2500 rpm N/L

^{*2:} at idle

^{\$:} P195/65R14 tires

^{#:} P205/55R15 tires with fascia

a: P205/55R15 tires without fascia

ENGINE FAMILY: RFM2.0VJG1EA

ISSUED: 07-23-93 REVISED: 08-20-93

Manufacture	er FORD MOTOR	COMPANY		Eng. F	amily <u>RFM2.0V</u>	JG1EA	
Pass Cars_X	Lt-Duty Tru	cks i	fed-Duty	Vehicl	es Fuel T	ype <u>Unlead</u>	ed
Eng. Type_	I-4 Liter	(CID) 2	OL (12	<u>1.5)</u> Ev	ap. Family <u>RF</u>	M1065BYP0	<u>B</u>
Emission Co	ontrol System &				EGR/H02S/SFI 0 June88)		-
Engine: Fro	ont <u>X</u> MidI					4WD-PT_	
Eng. Code/	Veh. Models (If Coded	Trans. Type:	ETW	RLHP	Ign. Sys.		Catalyst Part No.
(Cert Std.)	see Attachmt.)	A-Auto M-Man.	į		(PCME/PROM) Part No.	Part No -20 300-	
4FFSXA1N	PROBE	A	3125	6.28	Distributor: FS07 18 200A	1	FS49 600
				5.5#	Control Unit FS56 18 881E FS56 18 881F	FS56 A	1545 000
4FFSXA1A	PROBE	A	3125		Distributor FS07 18 200A	1	B 48
			:	6.0#	Control Unit FS56 18 881E FS56 18 881F	n 11	07 40
NMHC: 0.	.4/ 4.2 .4 .0	50K/100K)		·	7330 10 0011		
Idle CO:	100 *2 1.2 *1 1.0 *2						

ENGINE FAMILY: RFM2.0VJG1EA

ISSUED: 10-01-93 REVISED: 01-28-94

^{*1:} at 2500 rpm N/L

^{*2:} at idle

^{\$:} P195/65R14 tires

^{#:} P205/55R15 tires with fascia

a: P205/55R15 tires without fascia

Manufacturer	FORD MOTOR	COMPANY		Eng. Fa	mily <u>RFM2.0VJ</u>	Glea	
Pass Cars <u>X</u>	Lt-Duty True	ks M	ed-Duty	Vehicle	es Fuel Ty	pe <u>Unleade</u>	<u>ed</u>
Eng. Type <u> </u>	Liter	(CID) <u>2</u> .	OL (121	<u>.,5)</u> Eva	ap. Family <u>RFM</u>	11065BYP01	3
Emission Cor	ntrol System & (Use abbr	Special eviation	Features	TWC/I	EGR/H02S/SFI June88)		.
Engine: From	nt X Mid. F	kear D	rive: FV	VD <u>X</u> RV	JD 4WD-FT	4WD-PT_	
Eng	Veh. Models (If Coded see	Trans. Type: A-Auto	ETW	RLHP	Ign. Sys. (PCME/PROM) Part No.	EGR Syst. Part No	Catalyst Part No.
(Cert Std.)	Attachmt.)	M-Man.		·	rare no.	-20 300-	-20-
4CFSYM1N	PROBE	м	3000	5.5#	Distributor: FS07 18 200A Control Unit FS55 18 881C FS55 18 881D	FS56 A	FS49 600
4CFSYM1A	PROBE	М	3000	6.0#	Distributor FS07 18 200A Control Unit FS55 18 881C FS55 18 881D	11 11	PE 89 80 9P
Certificati NMHC: 0. CO: 3. NOx: 0. EVAP: 2. Idle HC: Idle CO:	4/ 4.2 4 0 220 *1 100 *2	50K/100K					

ENGINE FAMILY: RFM2.0VJG1EA

ISSUED: 10-04-93 REVISED: 01-28-94 20.09.17.02 - 3

^{*1:} at 2500 rpm N/L

^{*2:} at idle

^{\$:} P195/65R14 tires

^{#:} P205/55R15 tires with fascia

^{2:} P205/55R15 tires without fascia

Manufacturer F	ORD MOTOR COMPANY	Eng. Family_	RFM2.OVJG1EA
Pass Cars <u>X</u> Lt	-Duty Trucks Med-D	uty Vehicles	Fuel Type <u>Unleaded</u>
Eng. Type <u>I-4</u>	Liter (CID) 2.0L	(121.5) Evap. Fa	mily_RFM1065BYP0B
Emission Control	System & Special Feat (Use abbreviations pe		
Engine: Front X	Mid Rear Drive		

Eng. Code/ (Cert Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP	Ign. Sys. (PCME/PROM) Part No.	EGR Syst. Part No -20 300-	Catalyst Part No.
4CFSYM1N	PROBE	M	3000	6.2\$ 5.5# 5.8@	Distributor: FS07 18 200A Control Unit FS55 18 881C FS55 18 881D	4	FS49 600
4CFSYM1A	PROBE	М	3000	6.8\$ 6.0# 6.4@	Distributor: FS07 18 200A Control Unit FS55 18 881C FS55 18 881D	10 HP	N M
4FFSXA2N	PROBE	A	3125	6.2\$ 5.5# 5.8@	Distributor: FS07 18 200A Control Unit FS56 18 881G	00 90 No 90	64 54 64 64
4FFSXA2A	PROBE on Standards (A /100K	3125	6.8\$ 6.0# 6.4@	Distributor: FS07 18 200A Control Unit FS56 18 881G	1	и и
NMHC: 0.	25/0.31 4/ 4.2 4 0 220 *1 100 *2						

^{*1:} at 2500 rpm N/L

ENGINE FAMILY: RFM2.0VJG1EA

ISSUED: 10-04-93

YEVISED: 01-28-94 | 06-07-94

^{*2;} at idle

^{\$:} P195/65R14 tires

^{#:} P205/55R15 tires with fascia

a: P205/55R15 tires without fascia