

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-702  
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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That Ford Motor Company 1997 model-year exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: VFM3.028G1FK Displacement: 3.0 Liters (183 Cubic Inches)

Emission Control Systems & Special Features:

- Three Way Catalytic Converters (two)
- Dual Heated Oxygen Sensors
- 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:

<u>Loaded Vehicle Weight (lbs.)</u>	<u>Miles</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Carbon Monoxide (20°F)</u>
3751-5750	50,000	0.32	4.4	0.7	12.5
	100,000	0.40	5.5	0.97	n/a

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>	<u>Carbon Monoxide (20°F)</u>
3751-5750	50,000	0.18	1.4	0.1	2.5
	100,000	0.22	1.5	0.13	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is verifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gases (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 NMOG fleet average 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 the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "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 2235).

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).

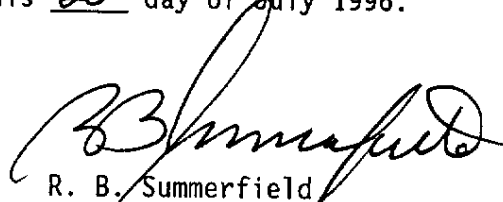
BE IT FURTHER RESOLVED: That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.2) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty vehicles and Engines").

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 23<sup>rd</sup> day of July 1996.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

**1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET**  
**PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES**

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM3.028G1FK  
 Evap Standard: 50K X Useful Life with R/L \_\_\_\_\_ Evap Family: VFM1045AYPBA  
 Exhaust Std: Tier 0 \_\_\_ Tier 1 X TLEV \_\_\_ LEV \_\_\_ ULEV \_\_\_ ZEV \_\_\_ ; EPA Tier 0 \_\_\_ Tier 1 \_\_\_  
 Vehicle Class(es): PC \_\_\_ LDT1 \_\_\_ LDT2 X MDV1 \_\_\_ MDV2 \_\_\_ MDV3 \_\_\_ MDV4 \_\_\_ MDV5 \_\_\_  
 Single Cert Std for Multi-Class Eng Fam: N/A (specify N/A, LDT1, MDV1, MDV2, MDV3, MDV4)  
 Exh Cert Fuel(s): Indo X Ph2 \_\_\_ Diesel: 13 CCR 2282 \_\_\_ or 40 CFR 86.113-90 \_\_\_ or -94 \_\_\_  
 M85 \_\_\_ CNG \_\_\_ LPG \_\_\_ Other (specify) \_\_\_\_\_  
 Fuel Type(s): Dedicated \_\_\_ Flex-Fuel \_\_\_ Dual-Fuel \_\_\_ Gasoline X Diesel \_\_\_ M85 \_\_\_  
 CNG \_\_\_ LNG \_\_\_ LPG \_\_\_ Other (specify) \_\_\_\_\_  
 Hybrid: Type A \_\_\_ B \_\_\_ C \_\_\_ APU Cycle (e.g., Otto, Diesel, Turbine) \_\_\_\_\_  
 Engine Config: V-6 Liter (CID): 4.0 (244.1)  
 Engine: Front X Mid. \_\_\_ Rear \_\_\_ Drive: FWD \_\_\_ RWD X 4WD-FT \_\_\_ 4WD-PT X

Exhaust ECS & Special Features: SFI/2HO2S/EGR/TWC(2)/HO2S  
 (Use abbreviations per SAE J1930, Sep 91)

Engine Code	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No. <del>-12A650-</del>	EGR System Part No. <del>-9D475-</del>	Catalyst Part No. <del>-5E212-</del>
756SR00N	B-Series 4x2 SKS	L4	3750	11.2	F77F-SA (Pre-Prod) F77C-SA	F87E-AA F37E-CA (ALT)	F77A-NB
756SR00A	B-Series 4x2 SKS Ranger 4x2 SKS	L4 L4	3750 3750*	12.3 12.3			
756RR00N	Ranger 4x4 RKL Ranger 4x4 RKS Ranger 4x4 SKS B-Series 4x4 RKL B-Series 4x4 RKS B-Series 4x4 SKS	L4 L4 L4 L4 L4 L4	3875 3875 4000 3875 3875 4000	12.8# 12.8# 12.8# 12.8# 12.8# 12.8#	F77F-RA (Pre-Prod) F77C-RA		
756RR00N	Ranger 4x4 RKL Ranger 4x4 RKS Ranger 4x4 SKS B-Series 4x4 RKL B-Series 4x4 RKS B-Series 4x4 SKS	L4 L4 L4 L4 L4 L4	3875 3875 4250 3875 3875 4000*	14.1& 14.1& 14.1& 14.1& 14.1& 14.1&			

\* Ford elects to conduct certification tests in the next higher ETW.  
 & If tire is P215/75R15 use DPA of 13.6.  
 # If tire is P215/75R15 use DPA of 12.4.

**1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET**  
**PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES**

Manufacturer: Ford Motor Company      Exhaust Engine Family: VFM3.028G1FK

Evap Standard: 50K X    Useful Life with R/L \_\_\_\_\_    Evap Family: VFM1045AYPBA

Exhaust Std: Tier 0 \_\_\_ Tier 1 X TLEV \_\_\_ LEV \_\_\_ ULEV \_\_\_ ZEV \_\_\_ ; EPA Tier 0 \_\_\_ Tier 1 \_\_\_

Vehicle Class(es): PC \_\_\_ LDT1 \_\_\_ LDT2 X MDV1 \_\_\_ MDV2 \_\_\_ MDV3 \_\_\_ MDV4 \_\_\_ MDV5 \_\_\_

Single Cert Std for Multi-Class Eng Fam: N/A (specify N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Exh Cert Fuel(s): Indo X Ph2 \_\_\_ Diesel: 13 CCR 2282 \_\_\_ or 40 CFR 86.113-90 \_\_\_ or -94 \_\_\_  
M85 \_\_\_ CNG \_\_\_ LPG \_\_\_ Other (specify) \_\_\_\_\_

Fuel Type(s): Dedicated \_\_\_ Flex-Fuel \_\_\_ Dual-Fuel \_\_\_ Gasoline X Diesel \_\_\_ M85 \_\_\_  
CNG \_\_\_ LNG \_\_\_ LPG \_\_\_ Other (specify) \_\_\_\_\_

Hybrid: Type A \_\_\_ B \_\_\_ C \_\_\_ APU Cycle (e.g., Otto, Diesel, Turbine) \_\_\_\_\_

Engine Config: V-6      Liter (CID): 4.0 (244.1)

Engine: Front X Mid \_\_\_ Rear \_\_\_ Drive: FWD \_\_\_ RWD X 4WD-FT \_\_\_ 4WD-PT X

Exhaust ECS & Special Features: SFI/2HO2S/EGRI/TWC(z)/HO2S  
(Use abbreviations per SAE J1930, Sep 91)

Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition	EGR	Catalyst
					(PCM) Part No.	System Part No.	Part No.
755SR00A	B-Series 4x2 SKS	M5	3750	12.3	F77F-WA (Pre-Prod) F77C-WA	F87E-AA F37E-CA (ALT)	F77A-NB -5E212-
755RR00N	Ranger 4x4 RKL	M5	3875	12.8#	F77F-VA (Pre-Prod)		
	Ranger 4x4 RKS	M5	3750*	12.8#	F77C-VA		
	Ranger 4x4 SKS	M5	4000	12.8#			
	B-Series 4x4 RKL	M5	3875	12.8#			
	B-Series 4x4 RKS	M5	3750*	12.8#			
755RR00N	B-Series 4x4 SKS	M5	4000	12.8#			
	Ranger 4x4 RKL	M5	3875	14.1&			
	Ranger 4x4 RKS	M5	3875	14.1&			
	Ranger 4x4 SKS	M5	4000	14.1&			
	B-Series 4x4 RKL	M5	3875	14.1&			
	B-Series 4x4 RKS	M5	3875	14.1&			
	B-Series 4x4 SKS	M5	4000	14.1&			

\* Ford elects to conduct certification tests in the next higher ETW.  
& If tire is P215/75R15 use DPA of 13.6.  
# If tire is P215/75R15 use DPA of 12.4.

**1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET**  
**PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES**

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM3.028G1FK  
 Evap Standard: 50K  Useful Life with R/L \_\_\_\_\_ Evap Family: VFM1045AYPBA  
 Exhaust Std: Tier 0  Tier 1  TLEV  LEV  ULEV  ZEV  ; EPA Tier 0  Tier 1   
 Vehicle Class(es): PC  LDT1  LDT2  MDV1  MDV2  MDV3  MDV4  MDV5   
 Single Cert Std for Multi-Class Eng Fam: N/A (specify N/A, LDT1, MDV1, MDV2, MDV3, MDV4)  
 Exh Cert Fuel(s): Indo  Ph2  Diesel: 13 CCR 2282  or 40 CFR 86.113-90  or -94   
 M85  CNG  LPG  Other (specify) \_\_\_\_\_  
 Fuel Type(s): Dedicated  Flex-Fuel  Dual-Fuel  Gasoline  Diesel  M85   
 CNG  LNG  LPG  Other (specify) \_\_\_\_\_  
 Hybrid: Type A  B  C  , APU Cycle (e.g., Otto, Diesel, Turbine) \_\_\_\_\_  
 Engine Config: V-6 Liter (CID): 4.0 (244.1)  
 Engine: Front  Mid  Rear  Drive: FWD  RWD  4WD-FT  4WD-PT   
 Exhaust ECS & Special Features: SFI/2HO2S/EGR/TWC(2)/HOLS  
 (Use abbreviations per SAE J1930, Sep 91)

Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No.	EGR System Part No.	Catalyst Part No.
755SR05A	B-Series 4x2 SKS	M5	3750	12.3	<del>12A650-</del> F77F-WB	<del>9D475-</del> F87E-AA F37E-CA (ALT)	<del>5E212-</del> F77A-NB
755RR05N	Ranger 4x4 RKL	M5	3750*	12.8#	F77F-VB		
	Ranger 4x4 RKS	M5	3750	12.8#			
	Ranger 4x4 SKS	M5	4000	12.8#			
	B-Series 4x4 RKL	M5	3875	12.8#			
	B-Series 4x4 RKS	M5	3750	12.8#			
	B-Series 4x4 SKS	M5	4000	12.8#			
755RR05N	Ranger 4x4 RKL	M5	3875	14.1&			
	Ranger 4x4 RKS	M5	3750*	14.1&			
	Ranger 4x4 SKS	M5	4000	14.1&			
	B-Series 4x4 RKL	M5	3875	14.1&			
	B-Series 4x4 RKS	M5	3875	14.1&			
	B-Series 4x4 SKS	M5	4000	14.1&			

\* Ford elects to conduct certification tests in the next higher ETW.  
 & If tire is P215/75R15 use DPA of 13.6.  
 # If tire is P215/75R15 use DPA of 12.4.

**1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET**  
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM3.028G1FK

Evap Standard: 50K  Useful Life with R/L \_\_\_\_\_ Evap Family: VFM1045AYPBA

Exhaust Std: Tier 0  Tier 1  TLEV  LEV  ULEV  ZEV  ; EPA Tier 0  Tier 1

Vehicle Class(es): PC  LDT1  LDT2  MDV1  MDV2  MDV3  MDV4  MDV5

Single Cert Std for Multi-Class Eng Fam: N/A (specify N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Exh Cert Fuel(s): Indo  Ph2  Diesel: 13 CCR 2282  or 40 CFR 86.113-90  or -94   
M85  CNG  LPG  Other (specify) \_\_\_\_\_

Fuel Type(s): Dedicated  Flex-Fuel  Dual-Fuel  Gasoline  Diesel  M85   
CNG  LNG  LPG  Other (specify) \_\_\_\_\_

Hybrid: Type A  B  C  APU Cycle (e.g., Otto, Diesel, Turbine) \_\_\_\_\_

Engine Config: V-6 Liter (CID): 4.0 (244.1)

Engine: Front  Mid  Rear  Drive: FWD  RWD  4WD-FT  4WD-PT

Exhaust ECS & Special Features: SEI/2HO2S/EGR/ TWC(2)/HO2S  
(Use abbreviations per SAE J1930, Sep 91)

Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No.	EGR System Part No.	Catalyst Part No.
756SR00N	B-Series 4x2 SKS	L4	3750	11.2	<del>-12A650-</del> F77F-SA (Pre-Prod) F77C-SA	<del>-9D475-</del> F87E-AA F37E-CA (ALT)	<del>-5E212-</del> F77A-NB
756SR00A	B-Series 4x2 SKS Ranger 4x2 SKS	L4 L4	3750 3750*	12.3 12.3			
756RR00N	Ranger 4x4 RKL Ranger 4x4 RKS Ranger 4x4 SKS B-Series 4x4 RKL B-Series 4x4 RKS B-Series 4x4 SKS	L4 L4 L4 L4 L4 L4	3875 3875 4000 3875 3875 4000	12.8# 12.8# 12.8# 12.8# 12.8# 12.8#	F77F-RA (Pre-Prod) F77C-RA		
756RR00A	Ranger 4x4 RKL Ranger 4x4 RKS Ranger 4x4 SKS B-Series 4x4 RKL B-Series 4x4 RKS B-Series 4x4 SKS	L4 L4 L4 L4 L4 L4	3875 3875 4250 3875 3875 4000*	14.1& 14.1& 14.1& 14.1& 14.1& 14.1&			

\* Ford elects to conduct certification tests in the next higher ETW.  
& If tire is P215/75R15 use DPA of 13.6.  
# If tire is P215/75R15 use DPA of 12.4.

E.O.# A-10-702

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**PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES**

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM3.028G1FK  
 Evap Standard: 50K X Useful Life with R/L \_\_\_\_\_ Evap Family: VFM1045AYPBA  
 Exhaust Std: Tier 0    Tier 1 X TLEV    LEV    ULEV    ZEV   ; EPA Tier 0    Tier 1     
 Vehicle Class(es): PC    LDT1    LDT2 X MDV1    MDV2    MDV3    MDV4    MDV5     
 Single Cert Std for Multi-Class Eng Fam: N/A (specify N/A, LDT1, MDV1, MDV2, MDV3, MDV4)  
 Exh Cert Fuel(s): Indo X Ph2    Diesel: 13 CCR 2282    or 40 CFR 86.113-90    or -94     
 M85    CNG    LPG    Other (specify) \_\_\_\_\_  
 Fuel Type(s): Dedicated    Flex-Fuel    Dual-Fuel    Gasoline X Diesel    M85     
 CNG    LNG    LPG    Other (specify) \_\_\_\_\_  
 Hybrid: Type A    B    C   , APU Cycle (e.g., Otto, Diesel, Turbine) \_\_\_\_\_  
 Engine Config: V-6 Liter (CID): 4.0 (244.1)  
 Engine: Front X Mid    Rear    Drive: FWD    RWD X 4WD-FT    4WD-PT X  
 Exhaust ECS & Special Features: SFI/2HO2S/EGR/TWC(2)/HOLS  
 (Use abbreviations per SAE J1930, Sep 91)

Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No. <del>-12A650-</del>	EGR System Part No. -9D475-	Catalyst Part No. -5E212-
755SR00A	B-Series 4x2 SKS	M5	3750	12.3	F77F-WA (Pre-Prod) F77C-WA	F87E-AA F37E-CA (ALT)	F77A-NB
755RR00N	Ranger 4x4 RKL	M5	3875	12.8#	F77F-VA (Pre-Prod)		
	Ranger 4x4 RKS	M5	3750*	12.8#	F77C-VA		
	Ranger 4x4 SKS	M5	4000	12.8#			
	B-Series 4x4 RKL	M5	3875	12.8#			
	B-Series 4x4 RKS	M5	3750*	12.8#			
	B-Series 4x4 SKS	M5	4000	12.8#			
755RR00A	Ranger 4x4 RKL	M5	3875	14.1&			
	Ranger 4x4 RKS	M5	3875	14.1&			
	Ranger 4x4 SKS	M5	4000	14.1&			
	B-Series 4x4 RKL	M5	3875	14.1&			
	B-Series 4x4 RKS	M5	3875	14.1&			
	B-Series 4x4 SKS	M5	4000	14.1&			

\* Ford elects to conduct certification tests in the next higher ETW.  
 & If tire is P215/75R15 use DPA of 13.6.  
 # If tire is P215/75R15 use DPA of 12.4.



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**PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES**

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM3.028G1FK  
 Evap Standard: 50K X Useful Life with R/L \_\_\_\_\_ Evap Family: VFM1045AYPBA  
 Exhaust Std: Tier 0 \_\_\_ Tier 1 X TLEV \_\_\_ LEV \_\_\_ ULEV \_\_\_ ZEV \_\_\_ ; EPA Tier 0 \_\_\_ Tier 1 \_\_\_  
 Vehicle Class(es): PC \_\_\_ LDT1 \_\_\_ LDT2 X MDV1 \_\_\_ MDV2 \_\_\_ MDV3 \_\_\_ MDV4 \_\_\_ MDV5 \_\_\_  
 Single Cert Std for Multi-Class Eng Fam: N/A (specify N/A, LDT1, MDV1, MDV2, MDV3, MDV4)  
 Exh Cert Fuel(s): Indo X Ph2 \_\_\_ Diesel: 13 CCR 2282 \_\_\_ or 40 CFR 86.113-90 \_\_\_ or -94 \_\_\_  
 M85 \_\_\_ CNG \_\_\_ LPG \_\_\_ Other (specify) \_\_\_\_\_  
 Fuel Type(s): Dedicated \_\_\_ Flex-Fuel \_\_\_ Dual-Fuel \_\_\_ Gasoline X Diesel \_\_\_ M85 \_\_\_  
 CNG \_\_\_ LNG \_\_\_ LPG \_\_\_ Other (specify) \_\_\_\_\_  
 Hybrid: Type A \_\_\_ B \_\_\_ C \_\_\_, APU Cycle (e.g., Otto, Diesel, Turbine) \_\_\_\_\_  
 Engine Config: V-6 Liter (CID): 4.0(244.1)  
 Engine: Front X Mid \_\_\_ Rear \_\_\_ Drive: FWD \_\_\_ RWD X 4WD-FT \_\_\_ 4WD-PT X  
 Exhaust ECS & Special Features: SFI/2HO2S/EGR TWOC(2)/H02S  
 (Use abbreviations per SAE J1930, Sep 91)

Engine Code	Vehicle Models	Trans. Type	ETW	DPA	Ignition (PCM) Part No.	EGR System Part No.	Catalyst Part No.
(California)		A-Automatic M-Manual					
756SR05N	B-Series 4x2 SKS	L4	3750	11.2	F77F-SB -12A650-	F87E-AA -9D475-	F77A-NB -5E212-
756SR05A	B-Series 4x2 SKS	L4	3750	12.3		F37E-CA (ALT)	
	Ranger 4x2 SKS	L4	3750	12.3			
756RR05N	Ranger 4x4 RKL	L4	3875	12.8#	F77F-RB		
	Ranger 4x4 RKS	L4	3750	12.8#			
	Ranger 4x4 SKS	L4	4000	12.8#			
	B-Series 4x4 RKL	L4	3875	12.8#			
	B-Series 4x4 RKS	L4	3875	12.8#			
	B-Series 4x4 SKS	L4	4000	12.8#			
756RR05A	Ranger 4x4 RKL	L4	3875	14.1&			
	Ranger 4x4 RKS	L4	3875	14.1&			
	Ranger 4x4 SKS	L4	4000	14.1&			
	B-Series 4x4 RKL	L4	3875	14.1&			
	B-Series 4x4 RKS	L4	3875	14.1&			
	B-Series 4x4 SKS	L4	4250	14.1&			

\* Ford elects to conduct certification tests in the next higher ETW.

& If tire is P215/75R15 use DPA of 13.6.

# If tire is P215/75R15 use DPA of 12.4.

ENGINE FAMILY: VFM3.028G1FK

20.09.17.02 - 3

ISSUED: 7/26/96

REVISED: 12/12/96

**1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET**  
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 Vehicle Class(es): PC \_\_\_ LDT1 \_\_\_ LDT2 X MDV1 \_\_\_ MDV2 \_\_\_ MDV3 \_\_\_ MDV4 \_\_\_ MDV5 \_\_\_  
 Single Cert Std for Multi-Class Eng Fam: N/A (specify N/A, LDT1, MDV1, MDV2, MDV3, MDV4)  
 Exh Cert Fuel(s): Indo X Ph2 \_\_\_ Diesel: 13 CCR 2282 \_\_\_ or 40 CFR 86.113-90 \_\_\_ or -94 \_\_\_  
 M85 \_\_\_ CNG \_\_\_ LPG \_\_\_ Other (specify) \_\_\_\_\_  
 Fuel Type(s): Dedicated \_\_\_ Flex-Fuel \_\_\_ Dual-Fuel \_\_\_ Gasoline X Diesel \_\_\_ M85 \_\_\_  
 CNG \_\_\_ LNG \_\_\_ LPG \_\_\_ Other (specify) \_\_\_\_\_  
 Hybrid: Type A \_\_\_ B \_\_\_ C \_\_\_ , APU Cycle (e.g., Otto, Diesel, Turbine) \_\_\_\_\_

Engine Config: V-6 Liter (CID): 4.0 (244.1)

Engine: Front X Mid. \_\_\_ Rear \_\_\_ Drive: FWD \_\_\_ RWD X 4WD-FT \_\_\_ 4WD-PT X

Exhaust ECS & Special Features: SFI/2HO2S/EGR/TWC2/H025  
 (Use abbreviations per SAE J1930, Sep 91)

Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No. <u>-12A650-</u>	EGR System Part No. <u>-9D475-</u>	Catalyst Part No. <u>-5E212-</u>
755SR05A	B-Series 4x2 SKS	M5	3750	12.3	F77F-WB	F87E-AA F37E-CA (ALT)	F77A-NB
755RR05N	Ranger 4x4 RKL	M5	3750*	12.8#	F77F-VB		
	Ranger 4x4 RKS	M5	3750	12.8#			
	Ranger 4x4 SKS	M5	4000	12.8#			
	B-Series 4x4 RKL	M5	3875	12.8#			
	B-Series 4x4 RKS	M5	3750	12.8#			
	B-Series 4x4 SKS	M5	4000	12.8#			
755RR05A	Ranger 4x4 RKL	M5	3875	14.1&			
	Ranger 4x4 RKS	M5	3750*	14.1&			
	Ranger 4x4 SKS	M5	4000	14.1&			
	B-Series 4x4 RKL	M5	3875	14.1&			
	B-Series 4x4 RKS	M5	3875	14.1&			
	B-Series 4x4 SKS	M5	4000	14.1&			

\* Ford elects to conduct certification tests in the next higher ETW.  
 & If tire is P215/75R15 use DPA of 13.6.  
 # If tire is P215/75R15 use DPA of 12.4.

**1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET**  
**PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES**

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM3.028G1FK

Evap Standard: 50K  Useful Life with R/L \_\_\_\_\_ Evap Family: VFM1045AYPBA

Exhaust Std: Tier 0  Tier 1  TLEV  LEV  ULEV  ZEV  ; EPA Tier 0  Tier 1

Vehicle Class(es): PC  LDT1  LDT2  MDV1  MDV2  MDV3  MDV4  MDV5

Single Cert Std for Multi-Class Eng Fam: N/A (specify N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Exh Cert Fuel(s): Indo  Ph2  Diesel: 13 CCR 2282  or 40 CFR 86.113-90  or -94   
M85  CNG  LPG  Other (specify) \_\_\_\_\_

Fuel Type(s): Dedicated  Flex-Fuel  Dual-Fuel  Gasoline  Diesel  M85   
CNG  LNG  LPG  Other (specify) \_\_\_\_\_

Hybrid: Type A  B  C  APU Cycle (e.g., Otto, Diesel, Turbine) \_\_\_\_\_

Engine Config: V-6 Liter (CID): 4.0 (244.1)

Engine: Front  Mid  Rear  Drive: FWD  RWD  4WD-FT  4WD-PT

Exhaust ECS & Special Features: SFI/2HO2S/EGR/ TWC(2)/HO2S  
(Use abbreviations per SAE J1930, Sep 91)

Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No. <u>-12A650-</u>	EGR System Part No. <u>-9D475-</u>	Catalyst Part No. <u>-5E212-</u>
756SR10N	B-Series 4x2 SKS	L4	3750	11.2	F77F-SC	F87E-AA F37E-CA (ALT)	F77A-NB
756SR10A	B-Series 4x2 SKS Ranger 4x2 SKS	L4 L4	3750 3750	12.3 12.3			
756RR10N	Ranger 4x4 RKL Ranger 4x4 RKS Ranger 4x4 SKS B-Series 4x4 RKL B-Series 4x4 RKS B-Series 4x4 SKS	L4 L4 L4 L4 L4 L4	3875 3750 4000 3875 3875 4000	12.8# 12.8# 12.8# 12.8# 12.8# 12.8#	F77F-RC		
756RR10A	Ranger 4x4 RKL Ranger 4x4 RKS Ranger 4x4 SKS B-Series 4x4 RKL B-Series 4x4 RKS B-Series 4x4 SKS	L4 L4 L4 L4 L4 L4	3875 3875 4000 3875 3875 4250	14.1& 14.1& 14.1& 14.1& 14.1& 14.1&			

\* Ford elects to conduct certification tests in the next higher ETW.  
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# If tire is P215/75R15 use DPA of 12.4.

**1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET**  
**PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES**

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM3.028G1FK  
 Evap Standard: 50K X Useful Life with R/L \_\_\_\_\_ Evap Family: VFM1045AYPBA  
 Exhaust Std: Tier 0 \_\_\_ Tier 1 X TLEV \_\_\_ LEV \_\_\_ ULEV \_\_\_ ZEV \_\_\_ ; EPA Tier 0 \_\_\_ Tier 1 \_\_\_  
 Vehicle Class(es): PC \_\_\_ LDT1 \_\_\_ LDT2 X MDV1 \_\_\_ MDV2 \_\_\_ MDV3 \_\_\_ MDV4 \_\_\_ MDV5 \_\_\_  
 Single Cert Std for Multi-Class Eng Fam: N/A (specify N/A, LDT1, MDV1, MDV2, MDV3, MDV4)  
 Exh Cert Fuel(s): Indo X Ph2 \_\_\_ Diesel: 13 CCR 2282 \_\_\_ or 40 CFR 86.113-90 \_\_\_ or -94 \_\_\_  
 M85 \_\_\_ CNG \_\_\_ LPG \_\_\_ Other (specify) \_\_\_\_\_  
 Fuel Type(s): Dedicated \_\_\_ Flex-Fuel \_\_\_ Dual-Fuel \_\_\_ Gasoline X Diesel \_\_\_ M85 \_\_\_  
 CNG \_\_\_ LNG \_\_\_ LPG \_\_\_ Other (specify) \_\_\_\_\_  
 Hybrid: Type A \_\_\_ B \_\_\_ C \_\_\_ , APU Cycle (e.g., Otto, Diesel, Turbine) \_\_\_\_\_  
 Engine Config: V-6 Liter (CID): 4.0 (244.1)  
 Engine: Front X Mid \_\_\_ Rear \_\_\_ Drive: FWD \_\_\_ RWD X 4WD-FT \_\_\_ 4WD-PT X  
 Exhaust ECS & Special Features: SFI/2HO2S/EGR/TWC(2)/HC2S  
 (Use abbreviations per SAE J1930, Sep 91)

Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No.	EGR System Part No.	Catalyst Part No.
755SR10A	B-Series 4x2 SKS	M5	3750	12.3	<del>-12A650-</del> F77F-WC	<del>-9D475-</del> F87E-AA F37E-CA (ALT)	<del>-5E212-</del> F77A-NB
755RR10N	Ranger 4x4 RKL	M5	3750*	12.8#	F77F-VC		
	Ranger 4x4 RKS	M5	3750	12.8#			
	Ranger 4x4 SKS	M5	4000	12.8#			
	B-Series 4x4 RKL	M5	3875	12.8#			
	B-Series 4x4 RKS	M5	3750	12.8#			
	B-Series 4x4 SKS	M5	4000	12.8#			
755RR10A	Ranger 4x4 RKL	M5	3875	14.1&			
	Ranger 4x4 RKS	M5	3750*	14.1&			
	Ranger 4x4 SKS	M5	4000	14.1&			
	B-Series 4x4 RKL	M5	3875	14.1&			
	B-Series 4x4 RKS	M5	3875	14.1&			
	B-Series 4x4 SKS	M5	4000	14.1&			

\* Ford elects to conduct certification tests in the next higher ETW.  
 & If tire is P215/75R15 use DPA of 13.6.  
 # If tire is P215/75R15 use DPA of 12.4.