File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-715
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: VFM4.628G1EK Displacement: 4.6 Liters (280 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

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

Loaded Vehicle Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
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:

Loaded Vehicle Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.15	2.6	0.1	5.0
	100,000	0.18	2.8	0.17	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 non-methane organic gas (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 running loss and useful life standards applicable to 1995 and subsequent 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 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 listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) 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 29th day of November 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-10-715

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L __X__ Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.__ Rear__ Drive: FWD __ RWD X 4WD-FT __ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S(2)/EGR/TWC(2)
(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.
648QR00A/N	F-150 RKL 2WD	A	4500	*	F65F-SA	F65E-BA	*
648QR00A/N	F-150 RKS 2WD	A	4500				
648QR00N	F-150 RKL 4WD	A	4750				
648QR00A	F-150 RKL 4WD	A	5000				
648QR00A/N	F-150 RKS 4WD	A	4750				
648QR00A/N	F-150 SKL 2WD	A	4750				
648QR00A/N	F-150 SKS 2WD	A	4750				
648QR00A/N	F-150 SKL 4WD	A	5250				
648QR00A/N	F-150 SKS 4WD	A	5000				
648RR00A/N	F-150 RKL 2WD	A	4500	*	F65F-UA	F65E-BA	*
648RR00A/N	F-150 RKS 2WD	A	4500				
648RR00N	F-150 RKL 4WD	A	4750				
648RR00A	F-150 RKL 4WD	A	5000				
648RR00A/N	F-150 RKS 4WD	A	4750				
648RR00A/N	F-150 SKL 2WD	A	4750				
648RR00A/N	F-150 SKS 2WD	A	4750				
648RR00A/N	F-150 SKL 4WD	A	5250				
648RR00A/N	F-150 SKS 4WD	A	5000				

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L X Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.__ Rear__ Drive: FWD __ RWD X 4WD-FT __ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S(2)/EGR/TWC(2)
(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.
647QR00A/N	F-150 RKL 2WD	M5	4500	*	F65F-LA	F65E-BA	*
647QR00N	F-150 RKS 2WD	M5	4250				
647QR00A	F-150 RKS 2WD	M5	4500				
647QR00A/N	F-150 RKL 4WD	M5	4750				
647QR00A/N	F-150 RKS 4WD	M5	4750				
647QR00A/N	F-150 SKL 2WD	M5	4750				
647QR00A/N	F-150 SKS 2WD	M5	4750				
647QR00N	F-150 SKL 4WD	M5	5000				
647QR00A	F-150 SKL 4WD	M5	5250				
647QR00A/N	F-150 SKS 4WD	M5	5000				
647RR00A/N	F-150 RKL 2WD	M5	4500	*	F65F-MA	F65E-BA	*
647RR00N	F-150 RKS 2WD	M5	4250				
647RR00A	F-150 RKS 2WD	M5	4500				
647RR00A/N	F-150 RKL 4WD	M5	4750				
647RR00A/N	F-150 RKS 4WD	M5	4750				
647RR00A/N	F-150 SKL 2WD	M5	4750				
647RR00A/N	F-150 SKS 2WD	M5	4750				
647RR00N	F-150 SKL 4WD	M5	5000				
647RR00A	F-150 SKL 4WD	M5	5250				
647RR00A/N	F-150 SKS 4WD	M5	5000				

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DPA/CDT COVERAGE GUIDELINES CHART

VEHICLE LINE	ETW	NON - AC CDT	NON - AC DPA	NON - AC TRLHP (HP)	AC CDT	AC DPA	AC TRLHP (HP)
THE FOLLOWING VEHICLES ARE CERTIFIED USING LVW (Loaded Vehicle Weight) ETWs AND DPAs							
F-150-96 4x2 (LD)	4250	14.26	13.2	18.37	13.40	14.5	19.55
* MAN TRANS	4500	14.96	13.2	18.54	14.03	14.5	19.77
	4750	15.60	13.2	18.77	14.67	14.5	19.96
	5000	16.27	13.2	18.94	15.30	14.5	20.14
	5250	16.95	13.2	19.09	15.94	14.5	20.30
F-150 4x2 (LD)	4250	13.95	12.9	18.78	13.24	14.2	19.79
* AUTO TRANS	4500	14.57	12.9	19.04	13.76	14.2	20.16
(4R70)	4750	15.20	12.9	19.26	14.29	14.2	20.49
	5000	15.83	12.9	19.47	14.81	14.2	20.81
	5250	16.45	12.9	19.67	15.33	14.2	21.11
	5500	17.06	12.9	19.85	15.85	14.2	21.39
F-150 4x2 (LD)	4500	14.27	13.4	19.44	13.41	14.7	20.69
* AUTO TRANS	4750	15.02	13.4	19.49	14.11	14.7	20.75
(4R70)	5000	15.80	13.4	19.51	14.76	14.7	20.88
W/ P255/70R16 TIRE	5500	17.29	13.4	19.61	16.04	14.7	21.14
F-150 4x4 (LD)	4750	13.13	16.0	22.30	12.44	17.4	23.54
* MAN TRANS	5000	13.76	16.0	22.40	12.99	17.4	23.73
	5250	14.40	16.0	22.47	13.54	17.4	23.90
	5500	15.04	16.0	22.54	14.09	17.4	24.06
F-150 4x4 (LD)	4750	12.91	16.3	22.66	12.31	17.7	23.79
* AUTO TRANS	5000	13.48	16.3	22.86	12.74	17.7	24.19
W/ P235/70R16 TIRE	5250	14.04	16.3	23.05	13.18	17.7	24.56
	5500	14.61	16.3	23.21	13.61	17.7	24.91

1997 MY TRUCK CATALYST PART NUMBERS FOR NAAO ENGINES

Engine Family	Application		Vehicle Line(s)	Part Number
VFM4.628G1EK	CAL	> 3750# LVW	PN96 4x2	F65A-5E214-CD (LH)
				F65A-5E214-CE (LH) (alt)
				F65A-5E214-CF (LH) (alt)
				F65A-5G218-BC (RH)
				F65A-5G218-BD (RH) (alt)
				F65A-5G218-BE (RH) (alt)
			4x4	F65A-5E214-ED (LH)
				F65A-5E214-EE (LH) (alt)
				F65A-5E214-EF (LH) (alt)
				F65A-5G218-DF (RH) (alt)

Engine Family: VFM4.628G1EK

Issue Date: OCT 25 1995
Revised:

E.O.# A-10-715

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L _X_ Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.__ Rear__ Drive: FWD __ RWD X 4WD-FT __ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S(2)/EGR/TWC(2)/~~WU-TWC~~
(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.
648QR05A/N	F-150 RKL 2WD	A	4500	*	F65F-SB	F65E-BA	*
648QR05A/N	F-150 RKS 2WD	A	4500				
648QR05N	F-150 RKL 4WD	A	4750				
648QR05A	F-150 RKL 4WD	A	5000				
648QR05A/N	F-150 RKS 4WD	A	4750				
648QR05A/N	F-150 SKL 2WD	A	4750				
648QR05A/N	F-150 SKS 2WD	A	4750				
648QR05A/N	F-150 SKL 4WD	A	5250				
648QR05A/N	F-150 SKS 4WD	A	5000				
648RR05A/N	F-150 RKL 2WD	A	4500	*	F65F-UB	F65E-BA	*
648RR05A/N	F-150 RKS 2WD	A	4500				
648RR05N	F-150 RKL 4WD	A	4750				
648RR05A	F-150 RKL 4WD	A	5000				
648RR05A/N	F-150 RKS 4WD	A	4750				
648RR05A/N	F-150 SKL 2WD	A	4750				
648RR05A/N	F-150 SKS 2WD	A	4750				
648RR05A/N	F-150 SKL 4WD	A	5250				
648RR05A/N	F-150 SKS 4WD	A	5000				

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L X Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.__ Rear__ Drive: FWD __ RWD X 4WD-FT __ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S(2)/EGR/TWC(2)/~~WU-TWC~~
(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.
647QR05A/N	F-150 RKL 2WD	M5	4500	*	F65F-LB	F65E-BA	*
647QR05N	F-150 RKS 2WD	M5	4250				
647QR05A	F-150 RKS 2WD	M5	4500				
647QR05A/N	F-150 RKL 4WD	M5	4750				
647QR05A/N	F-150 RKS 4WD	M5	4750				
647QR05A/N	F-150 SKL 2WD	M5	4750				
647QR05A/N	F-150 SKS 2WD	M5	4750				
647QR05N	F-150 SKL 4WD	M5	5000				
647QR05A	F-150 SKL 4WD	M5	5250				
647QR05A/N	F-150 SKS 4WD	M5	5000				
647RR05A/N	F-150 RKL 2WD	M5	4500	*	F65F-MB	F65E-BA	*
647RR05N	F-150 RKS 2WD	M5	4250				
647RR05A	F-150 RKS 2WD	M5	4500				
647RR05A/N	F-150 RKL 4WD	M5	4750				
647RR05A/N	F-150 RKS 4WD	M5	4750				
647RR05A/N	F-150 SKL 2WD	M5	4750				
647RR05A/N	F-150 SKS 2WD	M5	4750				
647RR05N	F-150 SKL 4WD	M5	5000				
647RR05A	F-150 SKL 4WD	M5	5250				
647RR05A/N	F-150 SKS 4WD	M5	5000				

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L X Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.__ Rear__ Drive: FWD __ RWD X 4WD-FT __ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S(2)/EGR/TWC(2)/~~WU-TWC~~
(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.
648QR06A/N	F-150 RKL 2WD	A	4500	*	F65F-SC	F65E-BA	*
648QR06A/N	F-150 RKS 2WD	A	4500				
648QR06N	F-150 RKL 4WD	A	4750				
648QR06A	F-150 RKL 4WD	A	5000				
648QR06A/N	F-150 RKS 4WD	A	4750				
648QR06A/N	F-150 SKL 2WD	A	4750				
648QR06A/N	F-150 SKS 2WD	A	4750				
648QR06A/N	F-150 SKL 4WD	A	5250				
648QR06A/N	F-150 SKS 4WD	A	5000				
648RR06A/N	F-150 RKL 2WD	A	4500	*	F65F-UC	F65E-BA	*
648RR06A/N	F-150 RKS 2WD	A	4500				
648RR06N	F-150 RKL 4WD	A	4750				
648RR06A	F-150 RKL 4WD	A	5000				
648RR06A/N	F-150 RKS 4WD	A	4750				
648RR06A/N	F-150 SKL 2WD	A	4750				
648RR06A/N	F-150 SKS 2WD	A	4750				
648RR06A/N	F-150 SKL 4WD	A	5250				
648RR06A/N	F-150 SKS 4WD	A	5000				

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

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Engine: Front X Mid.__ Rear__ Drive: FWD __ RWD X 4WD-FT __ 4WD-PT X

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Engine Code (California)	Vehicle Models	Trans. Type A-Automatic M-Manual	ETW	DPA	Ignition (PCM) Part No.	EGR System Part No.	Catalyst Part No.
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647QR06N	F-150 RKS 2WD	M5	4250				
647QR06A	F-150 RKS 2WD	M5	4500				
647QR06A/N	F-150 RKL 4WD	M5	4750				
647QR06A/N	F-150 RKS 4WD	M5	4750				
647QR06A/N	F-150 SKL 2WD	M5	4750				
647QR06A/N	F-150 SKS 2WD	M5	4750				
647QR06N	F-150 SKL 4WD	M5	5000				
647QR06A	F-150 SKL 4WD	M5	5250				
647QR06A/N	F-150 SKS 4WD	M5	5000				
647RR06A/N	F-150 RKL 2WD	M5	4500	*	F65F-MC	F65E-BA	*
647RR06N	F-150 RKS 2WD	M5	4250				
647RR06A	F-150 RKS 2WD	M5	4500				
647RR06A/N	F-150 RKL 4WD	M5	4750				
647RR06A/N	F-150 RKS 4WD	M5	4750				
647RR06A/N	F-150 SKL 2WD	M5	4750				
647RR06A/N	F-150 SKS 2WD	M5	4750				
647RR06N	F-150 SKL 4WD	M5	5000				
647RR06A	F-150 SKL 4WD	M5	5250				
647RR06A/N	F-150 SKS 4WD	M5	5000				

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Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L __X__ Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.__ Rear__ Drive: FWD __ RWD X 4WD-FT __ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S(2)/EGR/TWC(2)/~~WU-TWC~~
(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.
648QR07A/N	F-150 RKL 2WD	A	4500	*	F65F-SD	F65E-BA	*
648QR07A/N	F-150 RKS 2WD	A	4500				
648QR07N	F-150 RKL 4WD	A	4750				
648QR07A	F-150 RKL 4WD	A	5000				
648QR07A/N	F-150 RKS 4WD	A	4750				
648QR07A/N	F-150 SKL 2WD	A	4750				
648QR07A/N	F-150 SKS 2WD	A	4750				
648QR07A/N	F-150 SKL 4WD	A	5250				
648QR07A/N	F-150 SKS 4WD	A	5000				
648RR07A/N	F-150 RKL 2WD	A	4500	*	F65F-UD	F65E-BA	*
648RR07A/N	F-150 RKS 2WD	A	4500				
648RR07N	F-150 RKL 4WD	A	4750				
648RR07A	F-150 RKL 4WD	A	5000				
648RR07A/N	F-150 RKS 4WD	A	4750				
648RR07A/N	F-150 SKL 2WD	A	4750				
648RR07A/N	F-150 SKS 2WD	A	4750				
648RR07A/N	F-150 SKL 4WD	A	5250				
648RR07A/N	F-150 SKS 4WD	A	5000				

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L X Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.__ Rear__ Drive: FWD __ RWD X 4WD-FT __ 4WD-PT X

Exhaust ECS & Special Features: SFI/~~HO2S~~ 2 (2)/EGR/~~TWC~~ 2 (2)/~~WU-TWC~~
(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.
648QR08A/N	F-150 RKL 2WD	A	4500	*	F65F-SE	F65E-BA	*
648QR08A/N	F-150 RKS 2WD	A	4500				
648QR08N	F-150 RKL 4WD	A	4750				
648QR08A	F-150 RKL 4WD	A	5000				
648QR08A/N	F-150 RKS 4WD	A	4750				
648QR08A/N	F-150 SKL 2WD	A	4750				
648QR08A/N	F-150 SKS 2WD	A	4750				
648QR08A/N	F-150 SKL 4WD	A	5250				
648QR08A/N	F-150 SKS 4WD	A	5000				
648RR08A/N	F-150 RKL 2WD	A	4500	*	F65F-UE	F65E-BA	*
648RR08A/N	F-150 RKS 2WD	A	4500				
648RR08N	F-150 RKL 4WD	A	4750				
648RR08A	F-150 RKL 4WD	A	5000				
648RR08A/N	F-150 RKS 4WD	A	4750				
648RR08A/N	F-150 SKL 2WD	A	4750				
648RR08A/N	F-150 SKS 2WD	A	4750				
648RR08A/N	F-150 SKL 4WD	A	5250				
648RR08A/N	F-150 SKS 4WD	A	5000				

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L _X_ Evap Family: VFM1160AYMED

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-BLOCK_ Liter (CID): _4.6 (280)_

Engine: Front _X_ Mid.__ Rear__ Drive: FWD __ RWD _X_ 4WD-FT __ 4WD-PT _X_

Exhaust ECS & Special Features: _SFI/~~HO2S~~ 2 (8)/EGR/~~TWC~~ 2 (2)/~~WU-TWC~~_
(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.
647QR07A/N	F-150 RKL 2WD	M5	4500	*	F65F-LD	F65E-BA	*
647QR07N	F-150 RKS 2WD	M5	4250				
647QR07A	F-150 RKS 2WD	M5	4500				
647QR07A/N	F-150 RKL 4WD	M5	4750				
647QR07A/N	F-150 RKS 4WD	M5	4750				
647QR07A/N	F-150 SKL 2WD	M5	4750				
647QR07A/N	F-150 SKS 2WD	M5	4750				
647QR07N	F-150 SKL 4WD	M5	5000				
647QR07A	F-150 SKL 4WD	M5	5250				
647QR07A/N	F-150 SKS 4WD	M5	5000				
647RR07A/N	F-150 RKL 2WD	M5	4500	*	F65F-MD	F65E-BA	*
647RR07N	F-150 RKS 2WD	M5	4250				
647RR07A	F-150 RKS 2WD	M5	4500				
647RR07A/N	F-150 RKL 4WD	M5	4750				
647RR07A/N	F-150 RKS 4WD	M5	4750				
647RR07A/N	F-150 SKL 2WD	M5	4750				
647RR07A/N	F-150 SKS 2WD	M5	4750				
647RR07N	F-150 SKL 4WD	M5	5000				
647RR07A	F-150 SKL 4WD	M5	5250				
647RR07A/N	F-150 SKS 4WD	M5	5000				

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L X Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.___ Rear___ Drive: FWD __ RWD X 4WD-FT __ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S/EGR/TWC
(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.
748QR05A/N	F-150 RKL 2WD	A	4500	*	F65F-SE	F65E-BA	*
748QR05A/N	F-150 RKS 2WD	A	4500				
748QR05N	F-150 RKL 4WD	A	4750				
748QR05A	F-150 RKL 4WD	A	5000				
748QR05A/N	F-150 RKS 4WD	A	4750				
748QR05A/N	F-150 SKL 2WD	A	4750				
748QR05A/N	F-150 SKS 2WD	A	4750				
748QR05A/N	F-150 SKL 4WD	A	5250				
748QR05A/N	F-150 SKS 4WD	A	5000				
748RR05A/N	F-150 RKL 2WD	A	4500	*	F65F-UE	F65E-BA	*
748RR05A/N	F-150 RKS 2WD	A	4500				
748RR05N	F-150 RKL 4WD	A	4750				
748RR05A	F-150 RKL 4WD	A	5000				
748RR05A/N	F-150 RKS 4WD	A	4750				
748RR05A/N	F-150 SKL 2WD	A	4750				
748RR05A/N	F-150 SKS 2WD	A	4750				
748RR05A/N	F-150 SKL 4WD	A	5250				
748RR05A/N	F-150 SKS 4WD	A	5000				

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L __X__ Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.___ Rear___ Drive: FWD __ RWD X 4WD-FT __ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S/EGR/TWC
(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.
747QR05A/N	F-150 RKL 2WD	M5	4500	*	F65F-LD	F65E-BA	*
747QR05N	F-150 RKS 2WD	M5	4250				
747QR05A	F-150 RKS 2WD	M5	4500				
747QR05A/N	F-150 RKL 4WD	M5	4750				
747QR05A/N	F-150 RKS 4WD	M5	4750				
747QR05A/N	F-150 SKL 2WD	M5	4750				
747QR05A/N	F-150 SKS 2WD	M5	4750				
747QR05N	F-150 SKL 4WD	M5	5000				
747QR05A	F-150 SKL 4WD	M5	5250				
747QR05A/N	F-150 SKS 4WD	M5	5000				
747RR05A/N	F-150 RKL 2WD	M5	4500	*	F65F-MD	F65E-BA	*
747RR05N	F-150 RKS 2WD	M5	4250				
747RR05A	F-150 RKS 2WD	M5	4500				
747RR05A/N	F-150 RKL 4WD	M5	4750				
747RR05A/N	F-150 RKS 4WD	M5	4750				
747RR05A/N	F-150 SKL 2WD	M5	4750				
747RR05A/N	F-150 SKS 2WD	M5	4750				
747RR05N	F-150 SKL 4WD	M5	5000				
747RR05A	F-150 SKL 4WD	M5	5250				
747RR05A/N	F-150 SKS 4WD	M5	5000				

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L X Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.__ Rear__ Drive: FWD __ RWD X 4WD-FT __ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S(2)/EGR/TWC(2)/[illegible]
(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.
748QR10A/N	F-150 RKL 2WD	A	4500	*	F75F-ALB	F65E-BA	*
748QR10A/N	F-150 RKS 2WD	A	4500				
748QR10N	F-150 RKL 4WD	A	4750				
748QR10A	F-150 RKL 4WD	A	5000				
748QR10A/N	F-150 RKS 4WD	A	4750				
748QR10A/N	F-150 SKL 2WD	A	4750				
748QR10A/N	F-150 SKS 2WD	A	4750				
748QR10A/N	F-150 SKL 4WD	A	5250				
748QR10A/N	F-150 SKS 4WD	A	5000				
748RR10A/N	F-150 RKL 2WD	A	4500	*	F75F-AMB	F65E-BA	*
748RR10A/N	F-150 RKS 2WD	A	4500				
748RR10N	F-150 RKL 4WD	A	4750				
748RR10A	F-150 RKL 4WD	A	5000				
748RR10A/N	F-150 RKS 4WD	A	4750				
748RR10A/N	F-150 SKL 2WD	A	4750				
748RR10A/N	F-150 SKS 2WD	A	4750				
748RR10A/N	F-150 SKL 4WD	A	5250				
748RR10A/N	F-150 SKS 4WD	A	5000				

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ___ Useful Life with R/L X Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.__ Rear__ Drive: FWD _ RWD X 4WD-FT _ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S(2)/EGR/TWC(2)
(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.
747QR10A/N	F-150 RKL 2WD	M5	4500	*	F75F-ASB	F65E-BA	*
747QR10N	F-150 RKS 2WD	M5	4250				
747QR10A	F-150 RKS 2WD	M5	4500				
747QR10A/N	F-150 RKL 4WD	M5	4750				
747QR10A/N	F-150 RKS 4WD	M5	4750				
747QR10A/N	F-150 SKL 2WD	M5	4750				
747QR10A/N	F-150 SKS 2WD	M5	4750				
747QR10N	F-150 SKL 4WD	M5	5000				
747QR10A	F-150 SKL 4WD	M5	5250				
747QR10A/N	F-150 SKS 4WD	M5	5000				
747RR10A/N	F-150 RKL 2WD	M5	4500	*	F75F-ATB	F65E-BA	*
747RR10N	F-150 RKS 2WD	M5	4250				
747RR10A	F-150 RKS 2WD	M5	4500				
747RR10A/N	F-150 RKL 4WD	M5	4750				
747RR10A/N	F-150 RKS 4WD	M5	4750				
747RR10A/N	F-150 SKL 2WD	M5	4750				
747RR10A/N	F-150 SKS 2WD	M5	4750				
747RR10N	F-150 SKL 4WD	M5	5000				
747RR10A	F-150 SKL 4WD	M5	5250				
747RR10A/N	F-150 SKS 4WD	M5	5000				

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ___ Useful Life with R/L _X_ Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.__ Rear__ Drive: FWD _ RWD X 4WD-FT _ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S(2)/EGR/TWC(2)
(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.
748QR11A/N	F-150 RKL 2WD	A	4500	*	F75F-ALC	F65E-BA	*
748QR11A/N	F-150 RKS 2WD	A	4500				
748QR11N	F-150 RKL 4WD	A	4750				
748QR11A	F-150 RKL 4WD	A	5000				
748QR11A/N	F-150 RKS 4WD	A	4750				
748QR11A/N	F-150 SKL 2WD	A	4750				
748QR11A/N	F-150 SKS 2WD	A	4750				
748QR11A/N	F-150 SKL 4WD	A	5250				
748QR11A/N	F-150 SKS 4WD	A	5000				
748RR11A/N	F-150 RKL 2WD	A	4500	*	F75F-AMC	F65E-BA	*
748RR11A/N	F-150 RKS 2WD	A	4500				
748RR11N	F-150 RKL 4WD	A	4750				
748RR11A	F-150 RKL 4WD	A	5000				
748RR11A/N	F-150 RKS 4WD	A	4750				
748RR11A/N	F-150 SKL 2WD	A	4750				
748RR11A/N	F-150 SKS 2WD	A	4750				
748RR11A/N	F-150 SKL 4WD	A	5250				
748RR11A/N	F-150 SKS 4WD	A	5000				

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L _X_ Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.__ Rear__ Drive: FWD _ RWD X 4WD-FT _ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S/EGR/TWC
(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.
747QR11A/N	F-150 RKL 2WD	M5	4500	*	F75F-ASC	F65E-BA	*
747QR11N	F-150 RKS 2WD	M5	4250				
747QR11A	F-150 RKS 2WD	M5	4500				
747QR11A/N	F-150 RKL 4WD	M5	4750				
747QR11A/N	F-150 RKS 4WD	M5	4750				
747QR11A/N	F-150 SKL 2WD	M5	4750				
747QR11A/N	F-150 SKS 2WD	M5	4750				
747QR11N	F-150 SKL 4WD	M5	5000				
747QR11A	F-150 SKL 4WD	M5	5250				
747QR11A/N	F-150 SKS 4WD	M5	5000				
747RR11A/N	F-150 RKL 2WD	M5	4500	*	F75F-ATC	F65E-BA	*
747RR11N	F-150 RKS 2WD	M5	4250				
747RR11A	F-150 RKS 2WD	M5	4500				
747RR11A/N	F-150 RKL 4WD	M5	4750				
747RR11A/N	F-150 RKS 4WD	M5	4750				
747RR11A/N	F-150 SKL 2WD	M5	4750				
747RR11A/N	F-150 SKS 2WD	M5	4750				
747RR11N	F-150 SKL 4WD	M5	5000				
747RR11A	F-150 SKL 4WD	M5	5250				
747RR11A/N	F-150 SKS 4WD	M5	5000				

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E.O.# A-10-715

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L _X_ Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.__ Rear__ Drive: FWD __ RWD X 4WD-FT __ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S(2)/EGR/TWC(2)
(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.
648QR10A/N	F-150 RKL 2WD	A	4500	*	F65F-SF	F65E-BA	*
648QR10A/N	F-150 RKS 2WD	A	4500				
648QR10N	F-150 RKL 4WD	A	4750				
648QR10A	F-150 RKL 4WD	A	5000				
648QR10A/N	F-150 RKS 4WD	A	4750				
648QR10A/N	F-150 SKL 2WD	A	4750				
648QR10A/N	F-150 SKS 2WD	A	4750				
648QR10A/N	F-150 SKL 4WD	A	5250				
648QR10A/N	F-150 SKS 4WD	A	5000				
648RR10A/N	F-150 RKL 2WD	A	4500	*	F65F-UF	F65E-BA	*
648RR10A/N	F-150 RKS 2WD	A	4500				
648RR10N	F-150 RKL 4WD	A	4750				
648RR10A	F-150 RKL 4WD	A	5000				
648RR10A/N	F-150 RKS 4WD	A	4750				
648RR10A/N	F-150 SKL 2WD	A	4750				
648RR10A/N	F-150 SKS 2WD	A	4750				
648RR10A/N	F-150 SKL 4WD	A	5250				
648RR10A/N	F-150 SKS 4WD	A	5000				

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1997 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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

Manufacturer: Ford Motor Company Exhaust Engine Family: VFM4.628G1EK

Evap Standard: 50K ____ Useful Life with R/L _X_ Evap Family: VFM1160AYMED

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-BLOCK Liter (CID): 4.6 (280)

Engine: Front X Mid.__ Rear__ Drive: FWD _ RWD X 4WD-FT _ 4WD-PT X

Exhaust ECS & Special Features: SFI/HO2S/EGR/TWC
(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.
647QR10A/N	F-150 RKL 2WD	M5	4500	*	F65F-LE	F65E-BA	*
647QR10N	F-150 RKS 2WD	M5	4250				
647QR10A	F-150 RKS 2WD	M5	4500				
647QR10A/N	F-150 RKL 4WD	M5	4750				
647QR10A/N	F-150 RKS 4WD	M5	4750				
647QR10A/N	F-150 SKL 2WD	M5	4750				
647QR10A/N	F-150 SKS 2WD	M5	4750				
647QR10N	F-150 SKL 4WD	M5	5000				
647QR10A	F-150 SKL 4WD	M5	5250				
647QR10A/N	F-150 SKS 4WD	M5	5000				
647RR10A/N	F-150 RKL 2WD	M5	4500	*	F65F-ME	F65E-BA	*
647RR10N	F-150 RKS 2WD	M5	4250				
647RR10A	F-150 RKS 2WD	M5	4500				
647RR10A/N	F-150 RKL 4WD	M5	4750				
647RR10A/N	F-150 RKS 4WD	M5	4750				
647RR10A/N	F-150 SKL 2WD	M5	4750				
647RR10A/N	F-150 SKS 2WD	M5	4750				
647RR10N	F-150 SKL 4WD	M5	5000				
647RR10A	F-150 SKL 4WD	M5	5250				
647RR10A/N	F-150 SKS 4WD	M5	5000				

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