

# FORD MOTOR COMPANY

## 2019 Mid-Model Year Automotive Fuel Economy Report

### TABLE OF CONTENTS

	<b>TOPIC</b>	<b>Applicable Section of 49 CFR §537.7</b>
ATTACHMENT I	Passenger Car Fuel Economy Information	
Exhibit 1A	Ford Domestic Model Type Summary & CAFE Status	(b)(1), (c)(1), (2)
Exhibit 1B	Ford Import Model Type Summary & CAFE Status	
Exhibit 1C	Footprint Data	(b)(3)
Exhibit 1D	Air Conditioning Efficiency Technology Summary	(c)(7)
Exhibit 1E	Off-Cycle Efficiency Technology Summary	(c)(7)
ATTACHMENT II	Light-Truck Fuel Economy Information	
Exhibit 1A	Ford Light Duty Truck Model Type Summary & CAFE Status	(b)(1), (c)(1), (2)
Exhibit 1C	Footprint Data	(b)(3)
Exhibit 1D	Air Conditioning Efficiency Technology Summary	(c)(7)
Exhibit 1E	Off-Cycle Efficiency Technology Summary	(c)(7)
ATTACHMENT III	Light Truck Vehicle Information	
Exhibit 1A	Ford Light Truck Classification	(c)(5)

Ford Motor Company  
US Model Type  
Domestic Car

Atmt I  
Exhibit 1A

						←----- Final (MPG) -----→			
Carline	Class	Engine	Trans	IWC	CAFE Volume <sup>c</sup>	City	Hwy	MH	MH
FIESTA	SUBCOMPACT CARS	1.6G	S65F	2750	57723	35.2	52.1	41.2163	41.2
FIESTA	SUBCOMPACT CARS	1.6G	X52F	2750	2719	35.5772	50.9984	41.1808	41.2
ESCAPE FWD	SMALL SUV 2WD	15GTDI	S6SSMF	3500	61473	29.0508	42.6985	33.9312	33.9
FUSION FWD	MIDSIZE CARS	15GTDI	S6SSMF	3500	60512	30.1491	48.6917	36.3842	36.4
FIESTA ST	SUBCOMPACT CARS	16GTDI	M62F	3000	2529	32.958	45.4674	37.615	37.6
FUSION AWD	MIDSIZE CARS	2.0TDI	S6M-4	4000	16925	24.2	38.9	29.1584	29.2
MKZ AWD	MIDSIZE CARS	2.0TDI	S6M-4	4000	5283	24.2	38.9	29.1584	29.2
MKZ FWD	MIDSIZE CARS	2.0TDI	S6M-F	4000	7797	24.6565	40.7947	29.9964	30
ESCAPE FWD	SMALL SUV 2WD	2.0TDI	S6SSMF	4000	9923	28	41.5	32.8017	32.8
MKC FWD	SMALL SUV 2WD	2.0TDI	S6SSMF	4000	16486	25.1	38.8	29.8416	29.8
EDGE FWD	SMALL SUV 2WD	2.0TDI	S8SSMF	4000	49052	27.5	41.9	32.5311	32.5
NAUTILUS FWD	SMALL SUV 2WD	2.0TDI	S8SSMF	4500	12206	26.2761	40.9817	31.3361	31.3
ESCAPE FFV FWD	SMALL SUV 2WD	2.5F	S6M-F	3500	22450	44.6152	69.2213	53.1109	53.1
CONTINENTAL AWD	LARGE CARS	2.7TDI	S6M-4	5000	857	21	35.2	25.6578	25.7
FUSION AWD	MIDSIZE CARS	2.7TDI	S6M-4	4500	729	22.2	37.1	27.0972	27.1
CONTINENTAL FWD	LARGE CARS	2.7TDI	S6M-F	4500	917	21.1584	35.6465	25.8944	25.9
NAUTILUS FWD	SMALL SUV 2WD	2.7TDI	S8SSMF	4500	3220	24.8	38.7	29.5811	29.6
FUSION HEV FWD	MIDSIZE CARS	20HEV	CVMF	4000	67527	61.9637	62.2962	62.1129	62.1
FUSION TAXI HEV	MIDSIZE CARS	20HEV	CVMF	4000	17	61.9637	62.2962	62.1129	62.1
MKZ HEV FWD	MIDSIZE CARS	20HEV	CVMF	4000	5180	61.9637	62.2962	62.1129	62.1
FUSION POLICE	MIDSIZE CARS	20HEVP	CVMF	4000	517	55.4	52.3	53.9607	54
FUSION PHEV FWD	MIDSIZE CARS	20PHE2	AV4F	4000	10165	169.6863	86.5138	118.4447	118.4
FUSION POL PHEV	MIDSIZE CARS	20PHEP	AV4F	4000	14	165.6305	86.3889	117.2381	117.2
FUSION FWD	MIDSIZE CARS	20TDI	S6SSMF	4000	3499	27.3	44	32.9231	32.9
MUSTANG	SUBCOMPACT CARS	23GTDI	M62R	4000	2090	26.7722	42.9713	32.2416	32.2
MUSTANG CONV	SUBCOMPACT CARS	23GTDI	M62R	4000	295	26.7722	42.9713	32.2416	32.2
MUSTANG PERF PKG	SUBCOMPACT CARS	23GTDI	M62R	4000	446	26.7722	42.9713	32.2416	32.2
MUSTANG	SUBCOMPACT CARS	23GTDI	S10MSR	4000	19958	26.9014	44.9993	32.8459	32.8
MUSTANG CONV	SUBCOMPACT CARS	23GTDI	S10MSR	4000	15396	24.6	38.5979	29.3976	29.4
MUSTANG PERF PKG	SUBCOMPACT CARS	23GTDI	S10MSR	4000	2557	26.9014	44.9993	32.8459	32.8
FUSION FWD	MIDSIZE CARS	25IVCT	L65F	3500	17446	26.4	43.4	32.0492	32
ESCAPE FWD	SMALL SUV 2WD	25IVCT	S6M-F	3500	6917	26.9	41.6	31.9863	32
CONTINENTAL AWD	LARGE CARS	3.0TDI	S6M-4	5000	892	20.2008	33.7226	24.6483	24.6
CONTINENTAL COAC	LARGE CARS	3.0TDI	S6M-4	5000	100	19.6	33	23.9822	24
MKZ AWD	MIDSIZE CARS	3.0TDI	S6M-4	4500	837	21	36.2	25.8924	25.9
MKZ FWD	MIDSIZE CARS	3.0TDI	S6M-F	4500	317	22	38.5	27.2566	27.3
TAURUS FFV AWD	LARGE CARS	3.5FT	S6M-4	4500	576	34.8793	57.283	42.3292	42.3
TAURUS FFV FWD	LARGE CARS	3.5FT	S6M-F	4000	6254	36.6531	58.3404	44.0162	44
TAURUS AWD	LARGE CARS	3.5GT	S6M-4	4500	349	20.9	34.5	25.407	25.4
TAURUS FWD	LARGE CARS	3.5GT	S6M-F	4000	2066	22.1	35.1	26.52	26.5
FORD GT	TWO SEATERS	3.5PX	SM7MR	3500	136	13.9136	24.3678	17.2424	17.2
TAURUS AWD	LARGE CARS	3.5TDI	S6M-4	4500	669	20.2	33	24.4714	24.5
CONTINENTAL AWD	LARGE CARS	3.7GT	S6M-4	4500	1191	20.4499	33.7991	24.8701	24.9
CONTINENTAL FWD	LARGE CARS	3.7GT	S6M-F	4500	2753	21.0414	35.674	25.8043	25.8
MUSTANG	SUBCOMPACT CARS	5.0G	M62R	4000	10704	17.9126	30.8917	22.0889	22.1
MUSTANG BULLITT	SUBCOMPACT CARS	5.0G	M62R	4000	5057	17.9126	30.8917	22.0889	22.1
MUSTANG	SUBCOMPACT CARS	5.0G	S10MSR	4000	18129	18.5933	32.4937	23.0258	23
MUSTANG CONV	SUBCOMPACT CARS	5.0G	S10MSR	4000	5487	18.6711	32.6419	23.125	23.1

information bracketed [ ]

Ford Motor Company  
 US Model Type  
 Domestic Car

Attmt I  
 Exhibit 1A

						<----- Final (MPG) ----->			
Carline	Class	Engine	Trans	IWC	CAFE Volume <sup>c</sup>	City	Hwy	MH	MH
SHELBY GT350	SUBCOMPACT CARS	5.2G	M62R	4000	3062	16.8	28.8	20.6769	20.7

**CAFE STATUS**

Volume <sup>c</sup>	541404
Adjusted CAFE*, mpg	34.9
CAFE Including FFV, mpg	35.1
Air Conditioning GHG Credit <sup>c</sup> , Mg	443580
Off-Cycle GHG Credit <sup>c</sup> , Mg	710689
Final CAFE with GHG Credits	36.6
Required Fuel Economy, mpg	41.0

\*EPA procedure adjustment using a "c" factor of 0.0014

<sup>c</sup> information

Ford Motor Company  
 US Model Type  
 Import Car

Attmt I  
 Exhibit 1B

						<----- Final (MPG) ----->			
Carline	Class	Engine	Trans	IWC	CAFE Volume <sup>c</sup>	City	Hwy	MH	MH
ECOSPORT FWD	SMALL SUV 2WD	1.0TDI	S6SSMF	3500	24147	35.3594	47.303	39.892	39.9

**CAFE STATUS**

Volume <sup>c</sup>	24147
Adjusted CAFE*, mpg	40.2
CAFE Including FFV, mpg	40.2
Air Conditioning GHG Credit <sup>c</sup> , Mg	22276
Off-Cycle GHG Credit <sup>c</sup> , Mg	43489
Final CAFE with GHG Credits	42.9
Required Fuel Economy, mpg	46.1

\*EPA procedure adjustment using a "c" factor of 0.0014

<sup>c</sup> [REDACTED] information

Carline	Basic Engine	Trans Class	Body/Cab	Wheelbase Class	Front Base Tire	Rear Base Tire	Front Track Width (inches)	Rear Track Width (inches)	Average Track Width (inches)	Wheelbase (inches)	Footprint (square feet)	Footprint Target FE (mpg)	Volume <sup>c</sup>
CONTINENTAL	2.7TDI	S6M-4	4 DOOR SEDAN	Base	P255/45R19	P255/45R19	63.3	64.6	64	117.8	52.4	37.32	857
CONTINENTAL	3.0TDI	S6M-4	4 DOOR SEDAN	Base	P255/45R19	P255/45R19	63.3	64.6	64	117.8	52.4	37.32	892
CONTINENTAL	3.7GT	S6M-4	4 DOOR SEDAN	Base	P235/50R18	P235/50R18	63.5	64.7	64.1	117.8	52.4	37.32	1191
CONTINENTAL	3.0TDI	S6M-4	COACH	Base	P245/40R20	P245/40R20	63.3	64.6	64	117.8	52.4	37.32	100
CONTINENTAL	2.7TDI	S6M-F	4 DOOR SEDAN	Base	P255/45R19	P255/45R19	63.3	64.6	64	117.8	52.4	37.32	917
CONTINENTAL	3.7GT	S6M-F	4 DOOR SEDAN	Base	P235/50R18	P235/50R18	63.5	64.6	64	117.8	52.4	37.32	2753
EDGE FWD	2.0TDI	S8SSMF	4 DOOR SEDAN	Reg	P245/60R18	P245/60R18	65.1	65.2	65.2	112.1	50.8	38.42	49052
ESCAPE FFV FWD	2.5F	S6M-F	4 DOOR SEDAN	Reg	P235/55R17	P235/55R17	61.9	62.1	62	105.8	45.6	42.48	22450
ESCAPE FWD	15GTDI	S6SSMF	4 DOOR SEDAN	Reg	P235/55R17	P235/55R17	61.9	62.1	62	105.8	45.6	42.48	61473
ESCAPE FWD	2.0TDI	S6SSMF	4 DOOR SEDAN	Reg	P235/55R17	P235/55R17	61.9	62.2	62	105.9	45.6	42.48	9923
ESCAPE FWD	25IVCT	S6M-F	4 DOOR SEDAN	Reg	P235/55R17	P235/55R17	61.9	62.1	62	105.8	45.6	42.48	6917
FIESTA	1.6G	S65F	4 DOOR SEDAN	Reg	P185/60R15	P185/60R15	58.1	57.6	57.8	98.1	39.4	46.87	34642
FIESTA	1.6G	X52F	4 DOOR SEDAN	Reg	P185/60R15	P185/60R15	58	57.6	57.8	98.2	39.4	46.87	1907
FIESTA	1.6G	S65F	5 DOOR	Reg	P185/60R15	P185/60R15	58.1	57.6	57.8	98.1	39.4	46.87	23081
FIESTA	1.6G	X52F	5 DOOR	Reg	P185/60R15	P185/60R15	58	57.6	57.8	98.2	39.4	46.87	812
FIESTA	16GTDI	M62F	5 DOOR	Reg	P205/40R17	P205/40R17	58.1	57.2	57.6	98	39.2	46.87	2529
FORD GT	3.5PX	SM7MR	COUPE	Reg	325/30ZR20	325/30ZR20	66.7	65.4	66	106.7	48.9	39.81	136
FUSION	2.0TDI	S6M-4	4 DOOR SEDAN	Base	P235/45R18	P235/45R18	62.6	62.5	62.6	112.1	48.7	39.96	16925
FUSION	2.7TDI	S6M-4	4 DOOR SEDAN	Base	P235/40R19	P235/40R19	62.6	62.5	62.6	112.1	48.7	39.96	729
FUSION	15GTDI	S6SSMF	4 DOOR SEDAN	Base	P235/50R17	P235/50R17	62.6	62.5	62.6	112.1	48.7	39.96	60512
FUSION	20TDI	S6SSMF	4 DOOR SEDAN	Base	P235/45R18	P235/45R18	62.6	62.5	62.6	112.1	48.7	39.96	3499
FUSION	25IVCT	L65F	4 DOOR SEDAN	Base	P215/60R16	P215/60R16	62.6	62.5	62.6	112.1	48.7	39.96	17446
FUSION HEV	20HEV	CVMF	4 DOOR SEDAN	Base	P225/50R17	P225/50R17	62.6	62.5	62.6	112.1	48.7	39.96	67527
FUSION PHEV	20PHE2	AV4F	4 DOOR SEDAN	Base	P225/50R17	P225/50R17	62.6	62.5	62.6	112.1	48.7	39.96	10165
FUSION PHEV POL	20PHEP	AV4F	4 DOOR SEDAN	Base	P235/50R17	P235/50R17	62.6	62.5	62.6	112.1	48.7	39.96	14
FUSION HEV POLICE	20HEVP	CVMF	4 DOOR SEDAN	Base	P235/50R17	P235/50R17	62.6	62.5	62.6	112.1	48.7	39.96	517
FUSION HEV TAXI	20HEV	CVMF	4 DOOR SEDAN	Base	P235/50R17	P235/50R17	62.6	62.5	62.6	112.1	48.7	39.96	17
MKC FWD	2.0TDI	S6SSMF	4 DOOR SEDAN	Reg	P235/50R18	P235/50R18	62.8	63	62.9	105.9	46.3	41.89	16486
MKZ	2.0TDI	S6M-4	4 DOOR SEDAN	Base	P245/45R18	P245/45R18	62.6	62.5	62.6	112.1	48.7	39.96	5283
MKZ	3.0TDI	S6M-4	4 DOOR SEDAN	Base	P245/45R18	P245/45R18	62.6	62.5	62.6	112.1	48.7	39.96	837
MKZ	2.0TDI	S6M-F	4 DOOR SEDAN	Base	P245/45R18	P245/45R18	62.6	62.5	62.6	112.1	48.7	39.96	7797
MKZ	3.0TDI	S6M-F	4 DOOR SEDAN	Base	P245/45R18	P245/45R18	62.6	62.5	62.6	112.1	48.7	39.96	317
MKZ HEV	20HEV	CVMF	4 DOOR SEDAN	Base	P245/45R18	P245/45R18	62.6	62.5	62.6	112.1	48.7	39.96	5180
MUSTANG	23GTDI	M62R	COUPE	Reg	P235/55R17	P235/55R17	62.8	65.7	64.2	107	47.7	40.74	2090
MUSTANG	5.0G	M62R	CONVERTIBLE	Reg	P235/50R18	P235/50R18	62.7	65.6	64.2	107	47.7	40.74	623
MUSTANG	23GTDI	S10MSR	COUPE	Reg	P235/55R17	P235/55R17	62.8	65.7	64.2	107	47.7	40.74	19958
MUSTANG	5.0G	M62R	COUPE	Reg	P235/50R18	P235/50R18	62.7	65.6	64.2	107	47.7	40.74	10081
MUSTANG	5.0G	S10MSR	COUPE	Reg	P235/50R18	P235/50R18	62.7	65.6	64.2	107	47.7	40.74	18129
MUSTANG	5.0G	M62R	COUPE	Reg	P255/40R19	P275/40R19	62.3	64.6	63.4	107	47.1	41.23	5057
MUSTANG CONV	23GTDI	M62R	CONVERTIBLE	Reg	P235/55R17	P235/55R17	62.8	65.7	64.2	107	47.7	40.74	295
MUSTANG CONV	5.0G	S10MSR	CONVERTIBLE	Reg	P235/50R18	P235/50R18	62.7	65.6	64.2	107	47.7	40.74	5487
MUSTANG CONV	23GTDI	S10MSR	CONVERTIBLE	Reg	P235/55R17	P235/55R17	62.8	65.7	64.2	107	47.7	40.74	15396
MUSTANG	23GTDI	M62R	COUPE	Reg	P255/40R19	P255/40R19	62.2	65.1	63.6	107	47.3	41.06	446
MUSTANG	23GTDI	S10MSR	COUPE	Reg	P255/40R19	P255/40R19	62.2	65.1	63.6	107	47.3	41.06	2557
NAUTILUS FWD	2.0TDI	S8SSMF	4 DOOR SEDAN	Reg	P235/60R18	P235/60R18	65.6	65.2	65.4	112	50.9	38.35	12206



Passenger Vehicle Footprint Data

Carline	Basic Engine	Trans Class	Body/Cab	Wheelbase Class	Front Base Tire	Rear Base Tire	Front Track Width (inches)	Rear Track Width (inches)	Average Track Width (inches)	Wheelbase (inches)	Footprint (square feet)	Footprint Target FE (mpg)	Volume <sup>c</sup>
NAUTILUS FWD	2.7TDI	S8SSMF	4 DOOR SEDAN	Reg	P245/60R18	P245/60R18	65.6	65.2	65.4	112	50.9	38.35	3220
MUSTANG	5.2G	M62R	COUPE	Reg	295/35R19	P305/35R19	63.8	64.3	64	107	47.6	40.82	3062
TAURUS FFV	3.5FT	S6M-F	4 DOOR SEDAN	Base	P235/55R18	P235/55R18	65.7	65.9	65.8	112.8	51.5	37.93	6254
TAURUS	3.5GT	S6M-4	4 DOOR SEDAN	Base	P235/55R18	P235/55R18	65.7	65.9	65.8	112.8	51.5	37.93	349
TAURUS	3.5TDI	S6M-4	4 DOOR SEDAN	Base	P245/45R20	P245/45R20	65.7	65.9	65.8	112.8	51.5	37.93	669
TAURUS FFV	3.5FT	S6M-4	4 DOOR SEDAN	Base	P235/55R18	P235/55R18	65.7	65.9	65.8	112.8	51.5	37.93	576
TAURUS	3.5GT	S6M-F	4 DOOR SEDAN	Base	P235/55R18	P235/55R18	65.7	65.9	65.8	112.8	51.5	37.93	2066

Fleet Obligation, mpg 41.0

Passenger Vehicle Footprint Data

Carline	Basic Engine	Trans Class	Body/Cab	Wheelbase Class	Front Base Tire	Rear Base Tire	Front Track Width (inches)	Rear Track Width (inches)	Average Track Width (inches)	Wheelbase (inches)	Footprint (square feet)	Footprint Target FE (mpg)	Volume <sup>c</sup>
ECOSPORT FWD	1.0TDI	S6SSMF	5 DOOR	Reg	P205/60R16	P205/60R16	60.2	60.7	60.4	99.3	41.7	46.14	24147

Fleet Obligation, mpg 46.1

## Air Conditioning Efficiency Technology Summary

Vehicle	Basic Engine	Fleet	Description	RREDVC or EAC	RECIRC (w/ Sensor)	RECIRC (no Sensor)	PWM	IHX	OS	Denso SAS Comp'r
Fiesta	1.6GTDI	Domestic Car	DATC			Yes			Yes	
Fiesta	1.6GTDI	Domestic Car	SZM						Yes	
Fiesta	1.6G	Domestic Car	DATC			Yes			Yes	
Fiesta	1.6G	Domestic Car	SZM						Yes	
Escape	15GTDI	Domestic Car	EATC	Yes	Yes		Yes	Yes	Yes	
Escape	2.0TDI	Domestic Car	EATC	Yes	Yes		Yes	Yes	Yes	Yes
Escape	25IVCT	Domestic Car			Yes			Yes	Yes	
Escape	2.5F	Domestic Car			Yes			Yes	Yes	
MKC	2.0TDI	Domestic Car		Yes	Yes		Yes	Yes	Yes	Yes
Con inental	2.7TDI	Domestic Car		Yes	Yes			Yes	Yes	
Con inental	3.0TDI	Domestic Car		Yes	Yes			Yes	Yes	
Con inental	3.7GT	Domestic Car		Yes	Yes			Yes	Yes	
Con inental	3.7GT Limo	Domestic Car		Yes	Yes			Yes	Yes	
Edge	2.0TDI	Domestic Car		Yes	Yes			Yes	Yes	Yes
Fusion	15GTDI	Domestic Car		Yes	Yes			Yes	Yes	
Fusion	2.0TDI	Domestic Car		Yes	Yes			Yes	Yes	
Fusion	25IVCT	Domestic Car		Yes	Yes			Yes	Yes	
Fusion	2.7TDI	Domestic Car		Yes	Yes			Yes	Yes	
Fusion HEV	2.0L HEV	Domestic Car		Yes	Yes			Yes	Yes	
Fusion PHEV	2.0L PHEV	Domestic Car		Yes	Yes			Yes	Yes	
MKZ	2.0TDI	Domestic Car		Yes	Yes			Yes	Yes	
MKZ	3.0TDI	Domestic Car		Yes	Yes			Yes	Yes	
MKZ HEV	2.0L HEV	Domestic Car		Yes	Yes			Yes	Yes	
Nau ilus	2.0TDI	Domestic Car		Yes	Yes			Yes	Yes	Yes
Nau ilus	2.7TDI	Domestic Car		Yes	Yes			Yes	Yes	Yes
Taurus	3.5TDI	Domestic Car		Yes	Yes				Yes	
Taurus	3.5FT	Domestic Car		Yes	Yes				Yes	
Taurus	3.5GT	Domestic Car		Yes	Yes				Yes	
Mustang	23GTDI	Domestic Car		Yes	Yes			Yes	Yes	
Mustang	5.0G	Domestic Car		Yes	Yes			Yes	Yes	
Mustang	5.2G	Domestic Car			Yes					
GT	3.5PX	Domestic Car						Yes	Yes	

**RREDVC or EAC**      Reduced Reheat with Externally Controlled Variable Displacement Compressor or Electrically Driven A/C Compressor  
**RECIRC (w/Sensor)**      Default to recirculated air above 75 deg. F ambient with a sensor  
**RECIRC (no Sensor)**      Default to recirculated air above 75 deg. F ambient without a sensor  
**PWM**      Pulse Width Modulated (PWM) Blower Control or Brushless Blower Motor  
**IHX**      Improved Heat Exchanger  
**OS**      Oil Separator



# Air Conditioning Efficiency Technology Summary

Attmt L\_II  
Exh 1D

Vehicle	Basic Engine	Fleet	Description	RREDVC or EAC	RECIRC (w/ Sensor)	RECIRC (no Sensor)	PWM	IHX	OS	Denso SAS Comp'r
EcoSport	1.0TDI	Import Car		Yes	Yes			Yes	Yes	

- RREDVC or EAC**                    Reduced Reheat with Externally Controlled Variable Displacement Compressor or Electrically Driven A/C Compressor
- RECIRC (w/Sensor)**            Default to recirculated air above 75 deg. F ambient with a sensor
- RECIRC (no Sensor)**          Default to recirculated air above 75 deg. F ambient without a sensor
- PWM**                                Pulse Width Modulated (PWM) Blower Control or Brushless Blower Motor
- IHX**                                  Improved Heat Exchanger
- OS**                                    Oil Separator

## Off-Cycle Efficiency Technology Summary

Nameplate	Basic Engine	Trans Class	CAFE Fleet	Off-Cycle Menu Tech logies										Off-Cycle Demo Tech High Eff Alternator	
				High Eff Lights	Active Grille Shutters	S/S with coolant recirc	S/S without coolant recirc	ATWU	Active Engine Warm-up: IEM	Active Engine Warm-up: CEM	Solar Thermal: Cooled Seats	Solar Thermal: Glass Glazing	Solar Thermal: Paint Reflectivity		
Continental	2.7TDI	S6M-F	Domestic Car	YES	YES					YES		YES	YES	YES	YES
Continental	2.7TDI	S6M-F	Domestic Car	YES	YES					YES		YES	YES	YES	YES
Continental	3.0TDI	S6M-4	Domestic Car	YES	YES			YES		YES		YES	YES	YES	YES
Continental	3.7GT	S6M-F	Domestic Car	YES	YES							YES	YES	YES	YES
Continental	3.7GT	S6M-4	Domestic Car	YES	YES			YES				YES	YES	YES	YES
MKC	2.0TDI	S6SSMF	Domestic Car	YES	YES	YES		YES	YES		YES	YES	YES	YES	YES
Edge	2.0TDI	S8SSMF	Domestic Car	YES	YES	YES		YES	YES		YES	YES	YES	YES	YES
Escape	15GTDI	S6SSMF	Domestic Car	YES	YES	YES		YES				YES	YES	YES	YES
Escape	2.0TDI	S6SSMF	Domestic Car	YES	YES	YES		YES	YES			YES	YES	YES	YES
Escape	2.5F	S6M-F	Domestic Car	YES	YES			YES				YES	YES	YES	YES
Escape	25IVCT	S6M-F	Domestic Car	YES	YES			YES				YES	YES	YES	YES
Fiesta ST	16GTDI	M62F	Domestic Car									YES	YES	YES	YES
Fiesta	1.6G	S65F	Domestic Car									YES	YES	YES	YES
Fiesta	1.6G	X52F	Domestic Car									YES	YES	YES	YES
Fusion	15GTDI	S6SSMF	Domestic Car	YES	YES	YES		YES	YES		YES	YES	YES	YES	YES
Fusion	2.0TDI	S6M-F	Domestic Car	YES	YES	YES		YES	YES		YES	YES	YES	YES	YES
Fusion	2.0TDI	S6M-4	Domestic Car	YES	YES			YES	YES			YES	YES	YES	YES
Fusion	25IVCT	S6M-F	Domestic Car	YES	YES							YES	YES	YES	YES
Fusion	2.7TDI	S6M-4	Domestic Car	YES					YES			YES	YES	YES	YES
Fusion HEV	20HEV	CVMF	Domestic Car	YES	YES	YES				YES		YES	YES	YES	YES
Fusion PHEV	20PHEV	AV4F	Domestic Car	YES	YES	YES				YES		YES	YES	YES	YES
GT	3.5PX	SM7MR	Domestic Car	YES								YES	YES	YES	YES
MKZ	2.0TDI	S6M-F	Domestic Car	YES	YES			YES	YES		YES	YES	YES	YES	YES
MKZ	2.0TDI	S6SSM4	Domestic Car	YES	YES			YES	YES		YES	YES	YES	YES	YES
MKZ	3.0TDI	S6M0F	Domestic Car	YES	YES			YES				YES	YES	YES	YES
MKZ	3.0TDI	S6M-4	Domestic Car	YES	YES			YES				YES	YES	YES	YES
MKZ HEV	20HEV	CVMF	Domestic Car	YES	YES	YES				YES		YES	YES	YES	YES
Mustang	23GTDI	S10MSR	Domestic Car	YES	YES	YES		YES	YES			YES	YES	YES	YES
Mustang	23GTDI	M62R	Domestic Car	YES	YES				YES			YES	YES	YES	YES
Mustang	5.0G	S10MSR	Domestic Car	YES	YES	YES		YES				YES	YES	YES	YES
Mustang	5.0G	M62R	Domestic Car	YES	YES							YES	YES	YES	YES
Mustang	5.2G	M62R	Domestic Car	YES								YES	YES	YES	YES
Nautilus	2.0TDI	S8SSMF	Domestic Car	YES	YES	YES		YES	YES		YES	YES	YES	YES	YES
Nautilus	2.7TDI	S8SSMF	Domestic Car	YES	YES	YES		YES	YES		YES	YES	YES	YES	YES
Taurus	3.5FT	S6M-F	Domestic Car	YES	YES							YES	YES	YES	YES
Taurus	3.5FT	S6M-4	Domestic Car	YES	YES							YES	YES	YES	YES
Taurus	3.5GT	S6M-F	Domestic Car	YES	YES							YES	YES	YES	YES
Taurus	3.5GT	S6M-4	Domestic Car	YES	YES							YES	YES	YES	YES
Taurus	3.5TDI	S6M-4	Domestic Car	YES								YES	YES	YES	YES

ATWU Active Transmission Warm-Up  
 IEM Integrated Exhaust Manifold (Active Engine Warm-Up)  
 CEM Cooled Exhaust Manifold (Active Engine Warm-Up)  
 S/S Start Stop

## Off-Cycle Efficiency Technology Summary

				Off-Cycle Menu Technologies									Off-Cycle Demo Tech High Eff Alternator	
Nameplate	Basic Engine	Trans Class	CAFE Fleet	High Eff Lights	Active Grille Shutters	S/S with coolant recirc	S/S without coolant recirc	ATWU	Active Engine Warm-up: IEM	Active Engine Warm-up: CEM	Solar Thermal: Cooled Seats	Solar Thermal: Glass Glazing		Solar Thermal: Paint Reflectivity
EcoSport	1.0TDI	S6SSMF	Import Car		YES	YES		YES	YES		YES	YES	YES	YES

ATWU      Active Transmission Warm-Up  
 IEM      Integrated Exhaust Manifold (Active Engine Warm-Up)  
 CEM      Cooled Exhaust Manifold (Active Engine Warm-Up)  
 S/S      Start Stop

Ford Motor Company  
US Model Type  
Light Truck

Attmt II  
Exhibit 1A

						<----- Final (MPG) ----->			
Carline	Class	Engine	Trans	IWC	CAFE Volume	City	Hwy	MH	MH
ESCAPE AWD	SMALL SUV AWD	15GTDI	S6SSM4	4000	95986	27.3468	40.5949	32.0542	32.1
TRANS CONN LWB F	SPEC PURP 2WD	2.0F	S8SS-F	4000	255	50.3614	72.0264	58.2452	58.2
TRANS CONN VAN F	SPEC PURP 2WD	2.0F	S8SS-F	4000	739	51.3592	73.0829	59.2899	59.3
TRANSIT CONN LWB	SPEC PURP 2WD	2.0G	S8SS-F	4000	7477	30.4	43.3	35.1065	35.1
TRANSIT CONN VAN	SPEC PURP 2WD	2.0G	S8SS-F	4000	32749	30.9	43.9	35.6507	35.7
MKC AWD	SMALL SUV AWD	2.0TDI	S6M-4	4000	13124	24.1	35.5	28.1709	28.2
ESCAPE AWD	SMALL SUV AWD	2.0TDI	S6SSM4	4000	28159	26	38.5	30.4487	30.4
MKC AWD	SMALL SUV AWD	2.0TDI	S6SSM4	4000	1633	24.3	35.5	28.3207	28.3
EDGE AWD	SMALL SUV AWD	2.0TDI	S8SSM4	4500	68848	26.0866	40.6634	31.1041	31.1
NAUTILUS	SMALL SUV AWD	2.0TDI	S8SSM4	4500	11282	26.0866	40.6634	31.1041	31.1
ECOSPORT AWD	SMALL SUV AWD	2.0VCT	S6SSM4	3500	29212	29.6251	42.3733	34.2639	34.3
EXPLORER AWD	STANDARD SUV 4WD	2.3TDI	S6M-4	5000	2796	22.4864	35.954	27.0451	27
EXPLORER FWD	SUV 2WD	2.3TDI	S6M-F	4500	1126	23.2727	38.388	28.2843	28.3
F150 2.7L 4WD HD	STD PICKUP 4WD	2.7G-4	S10MS4	5000	1336	23.1416	34.2939	27.1086	27.1
F150 4X4	STD PICKUP 4WD	2.7G-4	S10MS4	4500 5000	102859	23.1533	34.3091	27.1217	27.1
F150 4X4 LT TIRE	STD PICKUP 4WD	2.7G-4	S10MS4	4500 5000	1819	23.2976	34.4962	27.2832	27.3
F150 2.7L 2WD HD	STD PICKUP 2WD	2.7G-R	S10MSR	4500 5000	245	23.7986	35.9431	28.0659	28.1
F150 4X2	STD PICKUP 2WD	2.7G-R	S10MSR	4500 5000	45492	23.8085	35.9611	28.0785	28.1
F150 4X2 LT TIRE	STD PICKUP 2WD	2.7G-R	S10MSR	4500 5000	1149	23.5318	35.4577	27.7287	27.7
EDGE AWD	SMALL SUV AWD	2.7TDI	S8SSM4	5000	16599	23.4219	35.799	27.7374	27.7
NAUTILUS	SMALL SUV AWD	2.7TDI	S8SSM4	5000	9649	23.4219	35.799	27.7374	27.7
RANGER 4WD	STD PICKUP 4WD	23ETDI	S10MS4	4500	76325	25.1538	34.6693	28.6983	28.7
RANGER 2WD	STD PICKUP 2WD	23ETDI	S10MSR	4500	38467	26.7	38.1	30.8544	30.9
RANGER INCOM 2WD	SPEC PURP 2WD	23ETDI	S10MSR	5000	60	23.4	28.9249	25.6005	25.6
MKC AWD	SMALL SUV AWD	23GTDI	S6M-4	4000	3457	22.0485	34.4969	26.323	26.3
TRANSIT CONN LWB	SPEC PURP 2WD	25IVCT	S6M-F	4000	104	24.5	37.4	29.0014	29
TRANSIT CONN VAN	SPEC PURP 2WD	25IVCT	S6M-F	4000	1123	24.8	37.6	29.2864	29.3
TRANS CO USPS	SPEC PURP 2WD	25IVCU	S6M-F	4000	11	24.8	37.6	29.2864	29.3
F150 4X4	STD PICKUP 4WD	3.0D-4	S10MS4	6000	4516	25.0581	35.4713	28.8723	28.9
F150 4X4 LT TIRE	STD PICKUP 4WD	3.0D-4	S10MS4	6000	124	25.0581	35.4713	28.8723	28.9
F150 4X4 XL/XLT	STD PICKUP 4WD	3.0D-4	S10MS4	5500	577	27.7078	40.2307	32.2211	32.2
F150 4X2	STD PICKUP 2WD	3.0D-R	S10MSR	5500	625	27.5118	40.4608	32.1406	32.1
F150 4X2 LT TIRE	STD PICKUP 2WD	3.0D-R	S10MSR	5500	1	27.5118	40.4608	32.1406	32.1
F150 FFV 4X4	STD PICKUP 4WD	3.3F-4	S6MS-4	4500 5000	21760	38.1587	53.6655	43.8619	43.9
F150 FFV 4X4 LT	STD PICKUP 4WD	3.3F-4	S6MS-4	4500 5000	1403	38.2115	53.7089	43.9135	43.9
F150 FFV 4X2	STD PICKUP 2WD	3.3F-R	S6MS-R	4000 4500	36699	39.2646	56.2452	45.4376	45.4
F150 FFV 4X2 LT	STD PICKUP 2WD	3.3F-R	S6MS-R	4000 4500	831	39.1854	56.0732	45.3286	45.3
EXPLORER FFV AWD	STANDARD SUV 4WD	3.5FT	S6M-4	5000	24759	33.6358	51.8043	39.9391	39.9
EXPLORER FFV FWD	STANDARD SUV 2WD	3.5FT	S6M-F	4500	33629	33.7108	52.2021	40.1033	40.1
T150 WAGON	PASSENGER VANS	3.5G-R	S6OD-R	6000	809	17.9456	25.4699	20.697	20.7
EXPLORER AWD	STANDARD SUV 4WD	3.5GT	S6M-4	5000	26167	20.5831	30.9369	24.2326	24.2
FLEX AWD	SUV 4WD	3.5GT	S6M-4	5000	13679	20.5831	30.9369	24.2326	24.2
EXPLORER FWD	SUV 2WD	3.5GT	S6M-F	4500	9288	20.3	31.4	24.1401	24.1
FLEX FWD	SUV 2WD	3.5GT	S6M-F	5000	18123	22	33.9	26.1272	26.1
MKT AWD HEARSE	STANDARD SUV 4WD	3.5TDI	L65-4	6000	152	17.8	28.6	21.444	21.4
MKT AWD LIMO 7K	SPEC PURP 4WD	3.5TDI	L65-4	7000	225	16.6	28.5	20.4407	20.4
EXPLORER AWD	STANDARD SUV 4WD	3.5TDI	S6M-4	5000	12096	19.1607	30.0607	22.8967	22.9
FLEX AWD	SUV 4WD	3.5TDI	S6M-4	5000	4017	19.1607	30.0607	22.8967	22.9
MKT AWD	SUV 4WD	3.5TDI	S6M-4	5000	3781	19.1607	30.0607	22.8967	22.9

information bracketed [ ]



Ford Motor Company  
US Model Type  
Light Truck

Attmt II  
Exhibit 1A

Carline	Class	Engine	Trans	IWC	CAFE Volume	City	Hwy	MH	MH
T150 WAGON FFV	PASSENGER VANS	3.7F-R	S6OD-R	6000	368	28.5796	41.4891	33.2329	33.2
MKT LIVERY AWD	SPEC PURP 4WD	3.7GT	L65-4	5000	577	20.0756	31.7405	24.0535	24.1
T150 WAGON	PASSENGER VANS	3.7GT	S6OD-R	6000	8051	17.1558	24.3698	19.7923	19.8
F150 4WD LIMITED	STD PICKUP 4WD	35GHO4	S10MS4	5500	6756	21.3	30.1	24.5268	24.5
F150 RAPTOR 4WD	STD PICKUP 4WD	35GHO4	S10MS4	6000	27533	19	24.6	21.1685	21.2
F150 2WD LIMITED	STD PICKUP 4WD	35GHOR	S10MSR	5500	196	21.4	30.5	24.7188	24.7
EXPED 4X4	STANDARD SUV 4WD	35TPD4	S10MS4	6000	26413	20.8609	31.031	24.4698	24.5
EXPED MAX 4X4	STANDARD SUV 4WD	35TPD4	S10MS4	6000	27158	20.8609	31.031	24.4698	24.5
F150 3.5L 4WD HD	STD PICKUP 4WD	35TPD4	S10MS4	5000 5500	567	19.7998	29.3983	23.2099	23.2
F150 4X4	STD PICKUP 4WD	35TPD4	S10MS4	5000 5500	124927	19.801	29.4011	23.2116	23.2
F150 4X4 LT TIRE	STD PICKUP 4WD	35TPD4	S10MS4	5000 5500	4969	19.8004	29.3998	23.2108	23.2
EXPED 4X2	STANDARD SUV 2WD	35TPDR	S10MSR	6000	15125	21.1	31.6	24.8097	24.8
EXPED MAX 4X2	STANDARD SUV 2WD	35TPDR	S10MSR	6000	12449	21.1	31.6	24.8097	24.8
F150 3.5L 2WD HD	STD PICKUP 2WD	35TPDR	S10MSR	5000	484	21.2173	31.6223	24.9049	24.9
F150 4X2	STD PICKUP 2WD	35TPDR	S10MSR	4500 5000	11854	21.2403	31.6552	24.9315	24.9
F150 4X2 LT TIRE	STD PICKUP 2WD	35TPDR	S10MSR	4500 5000	110	21.2285	31.6384	24.9179	24.9
NAV 4X4	STANDARD SUV 4WD	35TPR4	S10MS4	6500	18875	19.6	28.7	22.862	22.9
NAV 4X2	STANDARD SUV 2WD	35TPRR	S10MSR	6000	1140	19.4	30.7	23.2512	23.3
NAV L 4X2	STANDARD SUV 2WD	35TPRR	S10MSR	6500	486	19.6	28.8499	22.9047	22.9
F150 5.0F 4WD HD	STD PICKUP 4WD	5.0F-4	S10MS4	5000 5500	582	26.8753	39.7402	31.4581	31.5
F150 FFV 4X4	STD PICKUP 4WD	5.0F-4	S10MS4	4500 5000 5500	112082	26.1283	39.0766	30.7071	30.7
F150 FFV 4X4 LT	STD PICKUP 4WD	5.0F-4	S10MS4	4500 5000 5500	7881	26.1329	39.0807	30.7117	30.7
F150 5.0F 2WD HD	STD PICKUP 2WD	5.0F-R	S10MSR	5000	316	34.1841	52.4499	40.5366	40.5
F150 FFV 4X2	STD PICKUP 2WD	5.0F-R	S10MSR	4500 5000	33104	33.7573	51.4826	39.9463	39.9
F150 FFV 4X2 LT	STD PICKUP 2WD	5.0F-R	S10MSR	4500 5000	1075	33.5933	51.1137	39.7199	39.7

**CAFE STATUS**

Volume <sup>C</sup>	1248420
CAFE, mpg	25.6
CAFE Including FFV, mpg	25.8
Air Conditioning GHG Credit <sup>C</sup> , Mg	1877546
Off-Cycle GHG Credit <sup>C</sup> , Mg	3367840
Final CAFE with GHG Credits	27.3
Required Fuel Economy, mpg	28.4

<sup>C</sup> information

information bracketed [ ]

Carline	Basic Engine	Trans Class	Body/Cab	Wheelbase Class	Front Base Tire	Rear Base Tire	Front Track Width (inches)	Rear Track Width (inches)	Average Track Width (inches)	Wheelbase (inches)	Footprint (square feet)	Footprint Target FE (mpg)	Volume <sup>c</sup>
ECOSPORT AWD	2.0VCT	S6SSM4	5 DOOR	Reg	P205/60R16	P205/60R16	60	59.9	60	99.3	41.4	37.85	29212
EDGE	2.0TDI	S8SSM4	4 DOOR	Reg	P245/60R18	P245/60R18	65	65.1	65	112	50.6	31.99	68848
EDGE	2.7TDI	S8SSM4	4 DOOR	Reg	P245/50R20	P245/50R20	65	65.1	65	112	50.6	31.99	16599
ESCAPE	15GTDI	S6SSM4	4 DOOR	Reg	P235/55R17	P235/55R17	61.7	62	61.8	105.8	45.4	35.06	95986
ESCAPE	2.0TDI	S6SSM4	4 DOOR	Reg	P235/55R17	P235/55R17	61.8	62.1	62	105.8	45.6	34.93	28159
EXPEDITION	35TPDR	S10MSR	UTILITY	Short	275/65R18	275/65R18	67.5	67.3	67.4	122.1	57.1	28.83	15125
EXPEDITION	35TPD4	S10MS4	UTILITY	Short	275/65R18	275/65R18	67.5	67.3	67.4	122.1	57.1	28.83	26413
EXPEDITION MAX	35TPDR	S10MSR	UTILITY EXTENDED	Long	275/65R18	275/65R18	67.5	67.3	67.4	131.2	61.4	27.06	12449
EXPEDITION MAX	35TPD4	S10MS4	UTILITY EXTENDED	Long	275/65R18	275/65R18	67.4	67.3	67.4	131.3	61.5	27.03	27158
EXPLORER	2.3TDI	S6M-4	4 DOOR	Reg	P245/60R18	P245/60R18	67.2	67.4	67.3	112.6	52.6	30.94	2796
EXPLORER	3.5GT	S6M-4	4 DOOR	Reg	P245/60R18	P245/60R18	67.2	67.2	67.2	112.6	52.5	30.99	26167
EXPLORER	3.5TDI	S6M-4	4 DOOR	Reg	P255/50R20	P255/50R20	67.2	67.2	67.2	112.6	52.5	30.99	12096
EXPLORER FFV	3.5FT	S6M-4	4 DOOR	Reg	P245/60R18	P245/60R18	67.2	67.2	67.2	112.6	52.5	30.99	24759
EXPLORER FFV	3.5FT	S6M-F	4 DOOR	Reg	P245/60R18	P245/60R18	67.2	67.2	67.2	112.6	52.5	30.99	33629
EXPLORER	2.3TDI	S6M-F	4 DOOR	Reg	P245/60R18	P245/60R18	67.2	67.4	67.3	112.6	52.6	30.94	1126
EXPLORER	3.5GT	S6M-F	4 DOOR	Reg	P245/60R18	P245/60R18	67.2	67.4	67.3	112.6	52.6	30.94	9288
F150	2.7G-R	S10MSR	REGULAR CAB- MAX	Long	245/70R17	245/70R17	67.3	67.6	67.4	141.2	66.1	25.36	43
F150	2.7G-R	S10MSR	SUPER CAB-MAX	Med	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68	25.25	102
F150	2.7G-R	S10MSR	SUPER CAB-MAX	Long	245/70R17	245/70R17	67.2	67.6	67.4	163.9	76.7	25.25	17
F150	2.7G-R	S10MSR	SUPER CREW CAB-MAX	Short	245/70R17	245/70R17	67.3	67.6	67.4	145.2	68	25.25	65
F150	2.7G-R	S10MSR	SUPER CREW CAB-MAX	Long	245/70R17	245/70R17	67.3	67.6	67.4	157	73.5	25.25	18
F150	2.7G-4	S10MS4	REGULAR CAB- MAX	Long	265/70R17	265/70R17	67.4	67.6	67.5	141.3	66.2	25.33	13
F150	2.7G-4	S10MS4	SUPER CAB-MAX	Med	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68	25.25	176
F150	2.7G-4	S10MS4	SUPER CREW CAB-MAX	Short	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68	25.25	1147
F150	35GHOR	S10MSR	SUPER CREW CAB	Short	P275/45R22	P275/45R22	67.5	67.6	67.6	145	68.1	25.25	196
F150	35TPDR	S10MSR	REGULAR CAB-HVY	Long	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	141.2	66.1	25.36	313
F150	35TPDR	S10MSR	SUPER CAB - HVY	Long	LT245/70R17E	LT245/70R17E	67.1	67.6	67.4	163.8	76.7	25.25	157
F150	35TPDR	S10MSR	SUPER CREW CAB-HVY	Long	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	157	73.6	25.25	14
F150	35TPD4	S10MS4	REGULAR CAB-HVY	Long	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	141.3	66.2	25.33	240
F150	35TPD4	S10MS4	SUPER CAB - HVY	Long	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	164	76.8	25.25	196
F150	35TPD4	S10MS4	SUPER CREW CAB-HVY	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	157.1	73.5	25.25	131
F150	35GHO4	S10MS4	SUPER CREW CAB	Short	P275/45R22	P275/45R22	67.2	67.6	67.4	141.2	66.1	25.36	6756
F150	2.7G-R	S10MSR	REGULAR CAB	Long	245/70R17	245/70R17	67.2	67.6	67.4	141.3	66.1	25.36	789
F150	35TPDR	S10MSR	REGULAR CAB	Long	245/70R17	245/70R17	67.3	67.6	67.4	141.3	66.1	25.36	221
F150	2.7G-R	S10MSR	REGULAR CAB	Short	245/70R17	245/70R17	67.2	67.6	67.4	122.6	57.4	28.7	768
F150	2.7G-R	S10MSR	SUPER CAB	Long	245/70R17	245/70R17	67.2	67.6	67.4	163.9	76.7	25.25	904
F150	35TPDR	S10MSR	SUPER CAB	Long	245/70R17	245/70R17	67.2	67.6	67.4	163.8	76.7	25.25	108
F150	2.7G-R	S10MSR	SUPER CAB	Med	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68	25.25	5199
F150	3.0D-R	S10MSR	SUPER CAB	Med	245/70R17	245/70R17	67.5	67.6	67.6	145	68.1	25.25	35
F150	35TPDR	S10MSR	SUPER CAB	Med	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68	25.25	679
F150	2.7G-R	S10MSR	SUPER CREW CAB	Long	245/70R17	245/70R17	67.3	67.6	67.4	157	73.5	25.25	958
F150	3.0D-R	S10MSR	SUPER CREW CAB	Long	245/70R17	245/70R17	67.5	67.7	67.6	156.7	73.6	25.25	163
F150	35TPDR	S10MSR	SUPER CREW CAB	Long	245/70R17	245/70R17	67.3	67.6	67.4	157	73.5	25.25	374
F150	2.7G-R	S10MSR	SUPER CREW CAB	Short	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68	25.25	36874
F150	3.0D-R	S10MSR	SUPER CREW CAB	Short	245/70R17	245/70R17	67.5	67.6	67.6	145	68.1	25.25	427
F150	35TPDR	S10MSR	SUPER CREW CAB	Short	245/70R17	245/70R17	67.3	67.6	67.4	145.2	68	25.25	10472
F150	2.7G-R	S10MSR	REGULAR CAB	Long	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	141.3	66.1	25.36	254
F150	35TPDR	S10MSR	REGULAR CAB	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	141.3	66.1	25.36	1
F150	2.7G-R	S10MSR	REGULAR CAB	Short	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	122.6	57.4	28.7	247
F150	2.7G-R	S10MSR	SUPER CAB	Long	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	163.9	76.7	25.25	64

Carline	Basic Engine	Trans Class	Body/Cab	Wheelbase Class	Front Base Tire	Rear Base Tire	Front Track Width (inches)	Rear Track Width (inches)	Average Track Width (inches)	Wheelbase (inches)	Footprint (square feet)	Footprint Target FE (mpg)	Volume <sup>c</sup>
F150	35TPDR	S10MSR	SUPER CAB	Long	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	163.8	76.7	25.25	4
F150	2.7G-R	S10MSR	SUPER CAB	Med	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	145.2	68	25.25	546
F150	3.0D-R	S10MSR	SUPER CAB	Med	LT245/70R17E	LT245/70R17E	67.5	67.6	67.6	145	68.1	25.25	1
F150	35TPDR	S10MSR	SUPER CAB	Med	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	145.2	68	25.25	52
F150	2.7G-R	S10MSR	SUPER CREW CAB	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	157	73.5	25.25	19
F150	35TPDR	S10MSR	SUPER CREW CAB	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	157	73.5	25.25	13
F150	2.7G-R	S10MSR	SUPER CREW CAB	Short	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	145.2	68	25.25	19
F150	35TPDR	S10MSR	SUPER CREW CAB	Short	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	145.2	68	25.25	40
F150	2.7G-4	S10MS4	REGULAR CAB	Long	265/70R17	265/70R17	67.4	67.6	67.5	141.4	66.3	25.3	834
F150	35TPD4	S10MS4	REGULAR CAB	Long	265/70R17	265/70R17	67.3	67.6	67.4	141.4	66.2	25.33	169
F150	2.7G-4	S10MS4	REGULAR CAB	Short	265/70R17	265/70R17	67.4	67.6	67.5	122.7	57.5	28.66	819
F150	35TPD4	S10MS4	SUPER CAB	Long	265/70R17	265/70R17	67.3	67.6	67.4	164	76.8	25.25	593
F150	2.7G-4	S10MS4	SUPER CAB	Med	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68	25.25	16365
F150	3.0D-4	S10MS4	SUPER CAB	Med	265/70R17	265/70R17	67.4	67.7	67.6	145.1	68.1	25.25	65
F150	35TPD4	S10MS4	SUPER CAB	Med	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68	25.25	4118
F150	3.0D-4	S10MS4	SUPER CREW CAB	Long	265/70R17	265/70R17	67.4	67.7	67.6	156.9	73.7	25.25	983
F150	35TPD4	S10MS4	SUPER CREW CAB	Long	265/70R17	265/70R17	67.3	67.6	67.4	157.1	73.5	25.25	19325
F150	2.7G-4	S10MS4	SUPER CREW CAB	Short	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68	25.25	84841
F150	3.0D-4	S10MS4	SUPER CREW CAB	Short	265/70R17	265/70R17	67.4	67.7	67.6	145.1	68.1	25.25	3468
F150	35TPD4	S10MS4	SUPER CREW CAB	Short	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68	25.25	100722
F150	2.7G-4	S10MS4	REGULAR CAB	Long	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	141.4	66.3	25.3	15
F150	35TPD4	S10MS4	REGULAR CAB	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	141.4	66.2	25.33	27
F150	2.7G-4	S10MS4	REGULAR CAB	Short	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	122.7	57.5	28.66	193
F150	35TPD4	S10MS4	SUPER CAB	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	164	76.8	25.25	97
F150	2.7G-4	S10MS4	SUPER CAB	Med	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	145.3	68	25.25	734
F150	3.0D-4	S10MS4	SUPER CAB	Med	LT275/65R18	LT275/65R18	67.4	67.7	67.6	145.1	68.1	25.25	3
F150	35TPD4	S10MS4	SUPER CAB	Med	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	145.3	68	25.25	332
F150	3.0D-4	S10MS4	SUPER CREW CAB	Long	LT275/65R18	LT275/65R18	67.4	67.7	67.6	156.9	73.7	25.25	66
F150	35TPD4	S10MS4	SUPER CREW CAB	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	157.1	73.5	25.25	1685
F150	2.7G-4	S10MS4	SUPER CREW CAB	Short	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	145.3	68	25.25	877
F150	3.0D-4	S10MS4	SUPER CREW CAB	Short	LT275/65R18	LT275/65R18	67.4	67.7	67.6	145.1	68.1	25.25	55
F150	35TPD4	S10MS4	SUPER CREW CAB	Short	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	145.3	68	25.25	2828
F150	3.0D-4	S10MS4	SUPER CAB	Med	265/70R17	265/70R17	67.4	67.7	67.6	145.1	68.1	25.25	95
F150	3.0D-4	S10MS4	SUPER CREW CAB	Long	265/70R17	265/70R17	67.4	67.7	67.6	156.9	73.7	25.25	192
F150	3.0D-4	S10MS4	SUPER CREW CAB	Short	265/70R17	265/70R17	67.4	67.7	67.6	145.1	68.1	25.25	290
F150 FFV	5.0F-R	S10MSR	REGULAR CAB-HVY	Long	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	141.2	66.1	25.36	169
F150 FFV	5.0F-R	S10MSR	SUPER CAB - HVY	Long	LT245/70R17E	LT245/70R17E	67.1	67.6	67.4	163.8	76.7	25.25	106
F150 FFV	5.0F-R	S10MSR	SUPER CREW CAB-HVY	Long	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	157	73.6	25.25	41
F150 FFV	5.0F-4	S10MS4	REGULAR CAB-HVY	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	141.4	66.2	25.33	120
F150 FFV	5.0F-4	S10MS4	SUPER CAB - HVY	Long	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	164	76.8	25.25	254
F150 FFV	5.0F-4	S10MS4	SUPER CREW CAB-HVY	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	157.1	73.5	25.25	208
F150 FFV	3.3F-R	S6MS-R	REGULAR CAB	Long	245/70R17	245/70R17	67.2	67.6	67.4	141.2	66.1	25.36	12459
F150 FFV	5.0F-R	S10MSR	REGULAR CAB	Long	245/70R17	245/70R17	67.3	67.6	67.4	141.2	66.1	25.36	8007
F150 FFV	3.3F-R	S6MS-R	REGULAR CAB	Short	245/70R17	245/70R17	67.2	67.6	67.4	122.6	57.4	28.7	5818
F150 FFV	5.0F-R	S10MSR	REGULAR CAB	Short	245/70R17	245/70R17	67.4	67.6	67.5	122.6	57.5	28.66	867
F150 FFV	5.0F-R	S10MSR	SUPER CAB	Long	245/70R17	245/70R17	67.2	67.6	67.4	163.9	76.7	25.25	564
F150 FFV	3.3F-R	S6MS-R	SUPER CAB	Med	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68	25.25	11073
F150 FFV	5.0F-R	S10MSR	SUPER CAB	Med	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68	25.25	2885
F150 FFV	5.0F-R	S10MSR	SUPER CREW CAB	Long	245/70R17	245/70R17	67.3	67.6	67.4	157	73.5	25.25	751
F150 FFV	3.3F-R	S6MS-R	SUPER CREW CAB	Short	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68	25.25	7349



Carline	Basic Engine	Trans Class	Body/Cab	Wheelbase Class	Front Base Tire	Rear Base Tire	Front Track Width (inches)	Rear Track Width (inches)	Average Track Width (inches)	Wheelbase (inches)	Footprint (square feet)	Footprint Target FE (mpg)	Volume <sup>c</sup>
F150 FFV	5.0F-R	S10MSR	SUPER CREW CAB	Short	245/70R17	245/70R17	67.3	67.6	67.4	145.2	68	25.25	20030
F150 FFV	3.3F-R	S6MS-R	REGULAR CAB	Long	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	141.2	66.1	25.36	400
F150 FFV	5.0F-R	S10MSR	REGULAR CAB	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	141.2	66.1	25.36	393
F150 FFV	3.3F-R	S6MS-R	REGULAR CAB	Short	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	122.6	57.4	28.7	79
F150 FFV	5.0F-R	S10MSR	REGULAR CAB	Short	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	122.6	57.5	28.66	8
F150 FFV	5.0F-R	S10MSR	SUPER CAB	Long	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	163.9	76.7	25.25	27
F150 FFV	3.3F-R	S6MS-R	SUPER CAB	Med	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	145.2	68	25.25	276
F150 FFV	5.0F-R	S10MSR	SUPER CAB	Med	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	145.2	68	25.25	372
F150 FFV	5.0F-R	S10MSR	SUPER CREW CAB	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	157	73.5	25.25	16
F150 FFV	3.3F-R	S6MS-R	SUPER CREW CAB	Short	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	145.2	68	25.25	76
F150 FFV	5.0F-R	S10MSR	SUPER CREW CAB	Short	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	145.2	68	25.25	259
F150 FFV	3.3F-4	S6MS-4	REGULAR CAB	Long	265/70R17	265/70R17	67.4	67.6	67.5	141.3	66.2	25.33	2947
F150 FFV	5.0F-4	S10MS4	REGULAR CAB	Long	265/70R17	265/70R17	67.4	67.6	67.5	141.3	66.2	25.33	992
F150 FFV	3.3F-4	S6MS-4	REGULAR CAB	Short	265/70R17	265/70R17	67.4	67.6	67.5	122.7	57.5	28.66	1750
F150 FFV	5.0F-4	S10MS4	REGULAR CAB	Short	265/70R17	265/70R17	67.4	67.6	67.5	122.7	57.5	28.66	975
F150 FFV	5.0F-4	S10MS4	SUPER CAB	Long	265/70R17	265/70R17	67.3	67.6	67.4	164	76.8	25.25	1453
F150 FFV	3.3F-4	S6MS-4	SUPER CAB	Med	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68	25.25	10094
F150 FFV	5.0F-4	S10MS4	SUPER CAB	Med	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68	25.25	12482
F150 FFV	5.0F-4	S10MS4	SUPER CREW CAB	Long	265/70R17	265/70R17	67.3	67.6	67.4	157.1	73.5	25.25	8160
F150 FFV	3.3F-4	S6MS-4	SUPER CREW CAB	Short	275/65R18	275/65R18	67.4	67.6	67.5	145.3	68.1	25.25	6969
F150 FFV	5.0F-4	S10MS4	SUPER CREW CAB	Short	265/70R17	265/70R17	67.4	67.6	67.5	145.3	68.1	25.25	88020
F150 FFV	3.3F-4	S6MS-4	REGULAR CAB	Long	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	141.3	66.2	25.33	271
F150 FFV	5.0F-4	S10MS4	REGULAR CAB	Long	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	141.3	66.2	25.33	117
F150 FFV	3.3F-4	S6MS-4	REGULAR CAB	Short	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	122.7	57.5	28.66	133
F150 FFV	5.0F-4	S10MS4	REGULAR CAB	Short	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	122.7	57.5	28.66	94
F150 FFV	5.0F-4	S10MS4	SUPER CAB	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	164	76.8	25.25	141
F150 FFV	3.3F-4	S6MS-4	SUPER CAB	Med	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	145.3	68	25.25	758
F150 FFV	5.0F-4	S10MS4	SUPER CAB	Med	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	145.3	68	25.25	1675
F150 FFV	5.0F-4	S10MS4	SUPER CREW CAB	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	157.1	73.5	25.25	1084
F150 FFV	3.3F-4	S6MS-4	SUPER CREW CAB	Short	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	145.3	68.1	25.25	241
F150 FFV	5.0F-4	S10MS4	SUPER CREW CAB	Short	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	145.3	68.1	25.25	4770
F150	35GHO4	S10MS4	SUPER CAB	Short	LT315/70R17	LT315/70R17	74.2	73.6	73.9	134.3	68.9	25.25	990
F150	35GHO4	S10MS4	SUPER CREW CAB	Short	LT315/70R17	LT315/70R17	74.2	73.6	73.9	146	74.9	25.25	26543
FLEX	3.5GT	S6M-4	4 DOOR	Reg	P235/60R18	P235/60R18	65.6	65.7	65.6	117.7	53.6	30.45	13679
FLEX	3.5TDI	S6M-4	4 DOOR	Reg	P255/45R20	P255/45R20	65.7	65.8	65.8	117.8	53.8	30.35	4017
FLEX	3.5GT	S6M-F	4 DOOR	Reg	P235/60R17	P235/60R17	65.6	65.7	65.6	117.7	53.6	30.45	18123
MKC	2.0TDI	S6M-4	4 DOOR	Reg	P235/50R18	P235/50R18	62.7	63	62.8	105.9	46.2	34.55	13124
MKC	2.0TDI	S6SSM4	4 DOOR	Reg	P235/50R18	P235/50R18	62.7	63	62.8	105.9	46.2	34.55	1633
MKC	23GTDI	S6M-4	4 DOOR	Reg	P235/50R18	P235/50R18	62.7	63	62.8	105.9	46.2	34.55	3457
MKT	3.5TDI	S6M-4	4 DOOR	Reg	P235/55R19	P235/55R19	65.7	65.8	65.8	117.8	53.8	30.35	3781
MKT HEARSE	3.5TDI	L65-4	4 DOOR HEARSE	Reg	P255/55R18	P255/55R18	65.4	65.4	65.4	117.7	53.5	30.5	152
MKT LIMO 7K	3.5TDI	L65-4	4 DOOR	Reg	P255/55R18	P255/55R18	65.4	65.5	65.4	117.7	53.5	30.5	225
MKT	3.7GT	L65-4	4 DOOR	Reg	P235/60R18	P235/60R18	65.6	65.7	65.6	117.7	53.6	30.45	577
NAUTILUS	2.0TDI	S8SSM4	4 DOOR	Reg	P235/60R18	P235/60R18	65.6	65.2	65.4	112	50.9	31.82	11282
NAUTILUS	2.7TDI	S8SSM4	4 DOOR	Reg	P245/60R18	P245/60R18	65.6	65.2	65.4	112	50.9	31.82	9649
NAVIGATOR	35TPRR	S10MSR	UTILITY	Short	275/55R20	275/55R20	67.5	67.3	67.4	122.2	57.2	28.79	1140
NAVIGATOR	35TPR4	S10MS4	UTILITY EXTENDED	Long	285/45R22	285/45R22	67.5	67.3	67.4	131.3	61.5	27.03	7894
NAVIGATOR	35TPR4	S10MS4	UTILITY	Short	275/55R20	275/55R20	67.5	67.4	67.4	122.2	57.2	28.79	10981
NAVIGATOR L	35TPRR	S10MSR	UTILITY EXTENDED	Long	285/45R22	285/45R22	67.5	67.3	67.4	131.2	61.4	27.06	486
RANGER	23ETDI	S10MSR	RAPCAB	Reg	255/70R16	255/70R16	61.4	61.4	61.4	126.8	54.1	30.21	7103

Carline	Basic Engine	Trans Class	Body/Cab	Wheelbase Class	Front Base Tire	Rear Base Tire	Front Track Width (inches)	Rear Track Width (inches)	Average Track Width (inches)	Wheelbase (inches)	Footprint (square feet)	Footprint Target FE (mpg)	Volume <sup>c</sup>
RANGER	23ETDI	S10MSR	SUPER CREW CAB	Reg	255/70R16	255/70R16	61.4	61.4	61.4	126.8	54.1	30.21	31364
RANGER	23ETDI	S10MS4	RAPCAB	Reg	255/70R16	255/70R16	61.4	61.4	61.4	126.8	54.1	30.21	7841
RANGER	23ETDI	S10MS4	SUPER CREW CAB	Reg	255/70R16	255/70R16	61.4	61.4	61.4	126.8	54.1	30.21	68484
RANGER	23ETDI	S10MSR	RAP CHASSIS CAB	Reg	255/70R16	255/70R16	61.4	61.4	61.4	126.8	54.1	30.21	60
T150	3.5G-R	S6OD-R	REG WAGON LR	Med	235/65R16C	235/65R16C	68.2	68.6	68.4	129.7	61.6	26.99	501
T150	3.7GT	S6OD-R	REG WAGON LR	Med	235/65R16C	235/65R16C	68.2	68.6	68.4	129.7	61.6	26.99	4508
T150	3.5G-R	S6OD-R	REG WAGON MR	Med	235/65R16C	235/65R16C	68.2	68.6	68.4	129.7	61.6	26.99	308
T150	3.7GT	S6OD-R	REG WAGON MR	Med	235/65R16C	235/65R16C	68.2	68.6	68.4	129.7	61.6	26.99	3543
T150	3.7F-R	S6OD-R	REG WAGON LR	Med	235/65R16C	235/65R16C	68.2	68.6	68.4	129.7	61.6	26.99	343
T150	3.7F-R	S6OD-R	REG WAGON MR	Med	235/65R16C	235/65R16C	68.2	68.6	68.4	129.7	61.6	26.99	25
TRANSIT CONNECT USPS	25IVCU	S6M-F	REGULAR VAN	Long	P215/55R16	P215/55R16	61.6	62.3	62	120.6	51.9	31.3	11
TRANSIT CONNECT LWB FFV	2.0F	S8SS-F	WAGON_3ROWS	Long	P215/55R16	P215/55R16	61.6	62.4	62	120.6	51.9	31.3	255
TRANSIT CONNECT FFV	2.0F	S8SS-F	REGULAR VAN	Long	P215/55R16	P215/55R16	61.6	62.3	62	120.6	51.9	31.3	551
TRANSIT CONNECT FFV	2.0F	S8SS-F	REGULAR VAN	Short	P215/55R16	P215/55R16	61.7	62.3	62	104.8	45.1	35.25	188
TRANSIT CONNECT LWB	2.0G	S8SS-F	WAGON_3ROWS	Long	P215/55R16	P215/55R16	61.6	62.4	62	120.6	51.9	31.3	7477
TRANSIT CONNECT LWB	25IVCT	S6M-F	WAGON_3ROWS	Long	P215/55R16	P215/55R16	61.6	62.4	62	120.6	51.9	31.3	104
TRANSIT CONNECT	2.0G	S8SS-F	REGULAR VAN	Long	P215/55R16	P215/55R16	61.6	62.3	62	120.6	51.9	31.3	28831
TRANSIT CONNECT	25IVCT	S6M-F	REGULAR VAN	Long	P215/55R16	P215/55R16	61.6	62.3	62	120.6	51.9	31.3	978
TRANSIT CONNECT	2.0G	S8SS-F	REGULAR VAN	Short	P215/55R16	P215/55R16	61.7	62.3	62	104.8	45.1	35.25	3918
TRANSIT CONNECT	25IVCT	S6M-F	REGULAR VAN	Short	P215/55R16	P215/55R16	61.7	62.3	62	104.8	45.1	35.25	145

Fleet Obligation, mpg 28.4

# Air Conditioning Efficiency Technology Summary

Vehicle	Basic Engine	Fleet	Description	RREDVC or EAC	RECIRC (w/ Sensor)	RECIRC (no Sensor)	PWM	IHX	OS	Denso SAS Comp'r
EcoSport	2.0VCT	Light Truck		Yes	Yes			Yes	Yes	
Escape	15GTDI	Light Truck	EATC	Yes	Yes		Yes	Yes	Yes	
Escape	2.0TDI	Light Truck	EATC	Yes	Yes		Yes	Yes	Yes	Yes
MKC	2.0TDI	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
MKC	23GTDI	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
Transit Connect LWB Van	1.5DVN	Light Truck	w/o AUX	Yes	Yes			Yes	Yes	
Transit Connect LWB Van	1.5DVN	Light Truck	w/o AUX & w/DATC	Yes	Yes		Yes	Yes	Yes	
Transit Connect LWB Van	2.0F	Light Truck	w/o AUX	Yes	Yes			Yes	Yes	Yes
Transit Connect LWB Van	2.0F	Light Truck	w/o AUX & w/DATC	Yes	Yes		Yes	Yes	Yes	Yes
Transit Connect LWB Van	2.0G	Light Truck	w/o AUX	Yes	Yes			Yes	Yes	Yes
Transit Connect LWB Van	2.0G	Light Truck	w/o AUX & w/DATC	Yes	Yes		Yes	Yes	Yes	Yes
Transit Connect LWB Wagon	1.5DVN	Light Truck	w/ AUX & w/DATC	Yes	Yes		Yes	Yes	Yes	
Transit Connect LWB Wagon	2.0F	Light Truck	w/ AUX & w/DATC	Yes	Yes		Yes	Yes	Yes	Yes
Transit Connect LWB Wagon	2.0G	Light Truck	w/ AUX & w/DATC	Yes	Yes		Yes	Yes	Yes	Yes
Transit Connect SWB Van	1.5DVN	Light Truck	w/o AUX	Yes	Yes			Yes	Yes	
Transit Connect SWB Van	1.5DVN	Light Truck	w/o AUX & w/DATC	Yes	Yes		Yes	Yes	Yes	
Transit Connect SWB Van	2.0F	Light Truck	w/o AUX	Yes	Yes			Yes	Yes	Yes
Transit Connect SWB Van	2.0F	Light Truck	w/o AUX & w/DATC	Yes	Yes		Yes	Yes	Yes	Yes
Transit Connect SWB Van	2.0G	Light Truck	w/o AUX	Yes	Yes			Yes	Yes	Yes
Transit Connect SWB Van	2.0G	Light Truck	w/o AUX & w/DATC	Yes	Yes		Yes	Yes	Yes	Yes
Edge	2.0TDI	Light Truck		Yes	Yes			Yes	Yes	Yes
Edge	2.7TDI	Light Truck		Yes	Yes			Yes	Yes	Yes
Nautilus	2.0TDI	Light Truck		Yes	Yes			Yes	Yes	Yes
Nautilus	2.7TDI	Light Truck		Yes	Yes			Yes	Yes	Yes
Explorer	2.3TDI	Light Truck		Yes	Yes				Yes	
Explorer	3.5TDI	Light Truck		Yes	Yes				Yes	
Explorer	3.5GT	Light Truck	FWD	Yes	Yes				Yes	
Explorer	3.5GT	Light Truck	AWD	Yes	Yes				Yes	
Explorer	3.5FT	Light Truck	FWD	Yes	Yes				Yes	
Explorer	3.5FT	Light Truck	AWD	Yes	Yes				Yes	
Flex	3.5GT	Light Truck		Yes	Yes				Yes	
Flex	3.5TDI	Light Truck		Yes	Yes				Yes	
MKT	3.5TDI	Light Truck		Yes	Yes				Yes	
MKT	3.5TDI Limo	Light Truck		Yes	Yes				Yes	
MKT	3.7GT	Light Truck		Yes	Yes				Yes	
MKT	3.7GT Livery	Light Truck		Yes	Yes				Yes	
Expedition	35TPD	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
F-150	2.7G	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
F-150	3.0D	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
F-150	3.3F	Light Truck			Yes		Yes	Yes	Yes	
F-150	35TPD	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
F-150	35GHO	Light Truck		Yes	Yes		Yes		Yes	Yes
F-150	5.0F	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
Navigator	35TPR	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
Ranger	23ETDI	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
Transit T150	3.5G-R	Light Truck	w/ aux AC MWB						Yes	
Transit T150	3.7F-R	Light Truck	w/ aux AC MWB						Yes	

**RREDVC or EAC**

**RECIRC (w/Sensor)**

**RECIRC (no Sensor)**

**PWM**

**IHX**

**OS**

Reduced Reheat with Externally Controlled Variable Displacement Compressor or Electrically Driven A/C Compressor

Default to recirculated air above 75 deg. F ambient with a sensor

Default to recirculated air above 75 deg. F ambient without a sensor

Pulse Width Modulated (PWM) Blower Control or Brushless Blower Motor

Improved Heat Exchanger

Oil Separator

Off-Cycle Efficiency Technology Summary

Nameplate	Basic Engine	Trans Class	CAFE Fleet	Off-Cycle Menu Tech logies									Off-Cycle Demo Tech	
				High Eff Lights	Active Grille Shutters	S/S with coolant recirc	S/S without coolant recirc	ATWU	Active Engine Warm-up: IEM	Active Engine Warm-up: CEM	Solar Thermal: Cooled Seats	Solar Thermal: Glass Glazing	Solar Thermal: Paint Reflectivity	High Eff Alternator
MKC	2 0TDI	S6SSM4	Light Truck	YES	YES	YES		YES	YES		YES	YES	YES	YES
MKC	23GTDI	S6SSM4	Light Truck	YES	YES				YES		YES	YES	YES	YES
EcoSport	2 0TDI	S6SSM4	Light Truck		YES	YES					YES	YES	YES	YES
Edge	2 0TDI	S8SSM4	Light Truck	YES	YES	YES		YES	YES		YES	YES	YES	YES
Edge	2.7TDI	S8SSM4	Light Truck	YES	YES	YES		YES	YES		YES	YES	YES	YES
Escape	15GTDI	S6SSM4	Light Truck	YES	YES	YES		YES				YES	YES	YES
Escape	2 0TDI	S6SSM4	Light Truck	YES	YES	YES		YES	YES			YES	YES	YES
Expedition	35TPD	S10MSR	Light Truck	YES	YES	YES		YES	YES		YES	YES	YES	YES
Expedition	35TPD	S10MS4	Light Truck	YES	YES	YES		YES	YES		YES	YES	YES	YES
Explorer	2 3TDI	S6M-F	Light Truck	YES	YES				YES		YES	YES	YES	YES
Explorer	2 3TDI	S6M-4	Light Truck	YES	YES				YES		YES	YES	YES	YES
Explorer	3 5FT	S6M-F	Light Truck	YES	YES						YES	YES	YES	YES
Explorer	3 5FT	S6M-4	Light Truck	YES	YES						YES	YES	YES	YES
Explorer	3 5GT	S6M-F	Light Truck	YES	YES						YES	YES	YES	YES
Explorer	3 5GT	S6M-4	Light Truck	YES	YES						YES	YES	YES	YES
Explorer	3 5TDI	S6M-4	Light Truck	YES							YES	YES	YES	YES
F-150	2.7G	S10MSR	Light Truck	YES	YES	YES		YES	YES		YES	YES	YES	YES
F-150	2.7G	S10MS4	Light Truck	YES	YES	YES		YES	YES		YES	YES	YES	YES
F-150	3 0D	S10MSR	Light Truck	YES	YES	YES		YES			YES	YES	YES	YES
F-150	3 0D	S10MS4	Light Truck	YES	YES	YES		YES			YES	YES	YES	YES
F-150	3 3F	S6MS-R	Light Truck	YES	YES	YES		YES			YES	YES	YES	YES
F-150	3 3F	S6MS-4	Light Truck	YES	YES	YES		YES			YES	YES	YES	YES
F-150	35TPD	S10MSR	Light Truck	YES		YES		YES			YES	YES	YES	YES
F-150	35TPD	S10MS4	Light Truck	YES		YES		YES			YES	YES	YES	YES
F-150	5 0F	S10MSR	Light Truck	YES	YES	YES		YES			YES	YES	YES	YES
F-150	5 0F	S10MS4	Light Truck	YES	YES	YES		YES			YES	YES	YES	YES
F-150	35TPR	S10MS4	Light Truck	YES	YES	YES		YES			YES	YES	YES	YES
Flex	3 5GT	S6M-F	Light Truck	YES								YES	YES	YES
Flex	3 5GT	S6M-4	Light Truck	YES								YES	YES	YES
Flex	3 5TDI	S6M-4	Light Truck	YES								YES	YES	YES
MKT	3 5TDI	S6M-4	Light Truck	YES								YES	YES	YES
MKT	3.7GT	S6M-F	Light Truck	YES								YES	YES	YES
MKT	3.7GT	S6M-4	Light Truck	YES								YES	YES	YES
Nautilus	2 0TDI	S8SSM4	Light Truck	YES	YES	YES		YES	YES		YES	YES	YES	YES
Nautilus	2.7TDI	S8SSM4	Light Truck	YES	YES	YES		YES	YES		YES	YES	YES	YES
Navigator	35TPR	S10MSR	Light Truck	YES	YES	YES		YES	YES		YES	YES	YES	YES
Navigator	35TPR	S10MS4	Light Truck	YES	YES	YES		YES	YES		YES	YES	YES	YES
Ranger	23ETDI	S10MSR	Light Truck	YES		YES		YES	YES			YES	YES	YES
Ranger	23ETDI	S10MS4	Light Truck	YES		YES		YES	YES			YES	YES	YES
Transit T150	3 5G-R	S6OD-R	Light Truck									YES	YES	YES
Transit T150	3.7FR	S6OD-R	Light Truck									YES	YES	YES
Transit Connect LWB Wagon	1 5DVN	S8SS-F	Light Truck		YES	YES		YES				YES	YES	YES
Transit Connect Van	1 5DVN	S8SS-F	Light Truck		YES	YES		YES				YES	YES	YES
Transit Connect LWB Wagon	2 0F / G	S8SS-F	Light Truck		YES	YES		YES	YES			YES	YES	YES
Transit Connect Van	2 0F / G	S8SS-F	Light Truck		YES	YES		YES	YES			YES	YES	YES
Transit Connect LWB Wagon	25IVCT	S6M-F	Light Truck		YES	YES		YES	YES			YES	YES	YES
Transit Connect Van	25IVCT	S6M-F	Light Truck		YES	YES		YES	YES			YES	YES	YES

ATWU Active Transmission Warm-Up  
 IEM Integrated Exhaust Manifold (Active Engine Warm-Up)  
 CEM Cooled Exhaust Manifold (Active Engine Warm-Up)  
 S/S Start Stop

**Light Truck Classification  
49 CFR 523.5**

**(a)(3) Transports property on an open bed**

Vehicle Line	Cab	Bed Length (ft)	Bed Style	Pick up box length at top of box L506 (in)	Cargo Width at Floor [Maximum excluding wheelhouses] W500 (in)
F150	Reg	6 1/2	Styleside	77.2	65.2
F150	Reg	8	Styleside	95.9	65.2
F150	Super	6 1/2	Styleside	77.2	65.2
F150	Super	8	Styleside	95.9	65.2
F150	Crew	5 1/2	Styleside	65.4	65.2
F150	Crew	6 1/2	Styleside	77.2	65.2
Raptor	Super	5 1/2	Styleside	65.4	65.2
Raptor	Crew	5 1/2	Styleside	65.4	65.2
Ranger	SuperCab	6	Styleside	70	61.4
Ranger	SuperCab	6	Styleside	70	61.4
Ranger	SuperCab	6	Styleside	70	61.4
Ranger	SuperCrew	5	Styleside	58.2	61.4
Ranger	SuperCrew	5	Styleside	58.2	61.4
Ranger	SuperCrew	5	Styleside	58.2	61.4

**(a)(4) Provides greater cargo carrying capacity than passenger carrying volume**

See Attachment II, Exhibit II, Table 2 for model dimensional data

Transit Connect van

**(a)(5)(ii) Permits expanded use through flat, leveled cargo surface**

Explorer

Flex MKT

Transit Connect Wagon LWB

Transit Wagon

**(b) off-highway operation**

				GROUND RELATED DIMENSIONS					
				not < 28 deg	not < 14 deg	not < 20 deg	not < 20 cm	not < 18 cm	
Vehicle Line	Body Style	4x2 / 4x4 / AWD	GVWR > 6,000 lbs	Approach angle at EPA Curb Weight	Breakover angle at EPA Curb Weight	Departure angle at EPA Curb Weight	Minimum Running Clearance at EPA Curb Weight	Axle clearance - Front - at EPA curb weight	Axle clearance - Rear - at EPA curb weight
Escape	SUV	AWD	N/A	22.1	17.2	27.7	20.1	25.0	22.5
EcoSport	SUV	AWD	NA	24.8	18.9	28.5	20.1	20.1	20.3
Expedition*	SUV	4x2	yes	22.8	21.1	22.0	24.2	N/A	26.2
Expedition*	SUV	4x4	N/A	22.8	20.9	21.7	24.1	25.1	25.8
Expedition LWB*	SUV	4x2	yes	23.4	19.9	21.3	24.4	N/A	24.4
Expedition LWB*	SUV	4x4	N/A	23.1	19.6	21.2	24.1	25.3	24.1
Navigator*	SUV	4x2	yes	21.9	20.8	21.8	23.9	N/A	24.5
Navigator*	SUV	4x4	N/A	21.8	20.7	21.7	23.8	24.7	24.3
Navigator LWB*	SUV	4x2	yes	22.0	19.7	20.5	24.2	N/A	24.2
Navigator LWB*	SUV	4x4	N/A	22.0	19.4	20.6	23.9	24.9	24.0
Edge	SUV	AWD	N/A	19.2	16.7	21.0	20.9	21.1	20.9
Lincoln Nautilus	SUV	AWD	N/A	19.1	16.5	19.6	20.0	20.0	20.3
Lincoln MKC*	SUV	AWD	N/A	18.0	17.4	23.5	20.3	23.5	22.4

\*Please note that this vehicle is equipped with a deflectable component that hangs less than 20 cm from the ground, but is designed to deflect without damage when encountering a 200 mm high object at off-road speeds.