

# FORD MOTOR COMPANY

## 2020 Pre-Model Year Automotive Fuel Economy Report

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**Attachment I**

**Passenger Car Fuel Economy Information**

Ford Motor Company  
US Model Type  
Domestic Car

Attmt I  
Exhibit 1A

Carline	Class	Engine	Trans	IWC	CAFE Volume <sup>c</sup>	Final (MPG)			
						City	Hwy	MH	MH
ESCAPE FWD	SMALL SUV 2WD	15DITC	S8SSMF	3500	97136	35.8000	50.4000	41.1663	41.2
FUSION FWD	MIDSIZE CARS	15GTDI	S6SSMF	3500	79394	30.1228	48.5996	36.3399	36.3
EDGE FWD	SMALL SUV 2WD	2.0TDI	A8SSMF	4500	67577	26.6000	41.5000	31.7258	31.7
FUSION AWD	MIDSIZE CARS	2.0TDI	S6M-4	4000	22142	24.2000	38.9000	29.1584	29.2
MKZ AWD	MIDSIZE CARS	2.0TDI	S6M-4	4000	5272	24.2000	38.9000	29.1584	29.2
MKZ FWD	MIDSIZE CARS	2.0TDI	S6M-F	4000	6711	24.2000	38.9000	29.1584	29.2
CORSAIR FWD	SMALL SUV 2WD	2.0TDI	S8SSMF	4000	10638	27.3392	41.6411	32.3371	32.3
NAUTILUS FWD	SMALL SUV 2WD	2.0TDI	S8SSMF	4500	20453	26.2761	40.9817	31.3361	31.3
CONTINENTAL AWD	LARGE CARS	2.7TDI	S6M-4	5000	1033	20.9037	35.0072	25.5326	25.5
CONTINENTAL FWD	LARGE CARS	2.7TDI	S6M-F	4500	1445	22.1372	38.4482	27.3604	27.4
FUSION HEV FWD	MIDSIZE CARS	20HEV	CVMF	4000	19936	62.3638	62.6665	62.4997	62.5
FUSION TAXI HEV	MIDSIZE CARS	20HEV	CVMF	4000	8	62.3638	62.6665	62.4997	62.5
MKZ HEV FWD	MIDSIZE CARS	20HEV	CVMF	4000	2713	62.3638	62.6665	62.4997	62.5
FUSION POLICE	MIDSIZE CARS	20HEVP	CVMF	4000	1549	55.4000	52.3000	53.9607	54.0
FUSION PHEV FWD	MIDSIZE CARS	20PHE2	AV4F	4000	4763	169.6472	86.5409	118.4571	118.5
FUSION POL PHEV	MIDSIZE CARS	20PHEP	AV4F	4000	161	165.6305	86.3889	117.2381	117.2
FUSION FWD	MIDSIZE CARS	20TDI	S6SSMF	4000	6746	27.3000	44.0000	32.9231	32.9
MUSTANG HO CONV	SUBCOMPACT CARS	23GTDC	M62R	4000	307	24.5000	36.5000	28.7540	28.8
MUSTANG	SUBCOMPACT CARS	23GTDI	M62R	4000	1167	26.7163	42.7756	32.1474	32.1
MUSTANG CONV	SUBCOMPACT CARS	23GTDI	M62R	4000	176	26.7163	42.7756	32.1474	32.1
MUSTANG HO COUPE	SUBCOMPACT CARS	23GTDI	M62R	4000	456	25.5000	38.7000	30.1236	30.1
MUSTANG	SUBCOMPACT CARS	23GTDI	S10MSR	4000	17630	27.1608	45.7348	33.2346	33.2
MUSTANG CONV	SUBCOMPACT CARS	23GTDI	S10MSR	4000	20881	24.5967	38.5919	29.3935	29.4
MUSTANG HO CONV	SUBCOMPACT CARS	23GTDI	S10MSR	4000	334	27.1608	45.7348	33.2346	33.2
MUSTANG HO COUPE	SUBCOMPACT CARS	23GTDI	S10MSR	4000	1668	27.1608	45.7348	33.2346	33.2
ESCAPE HEV FWD	SMALL SUV 2WD	25HEV	CVMF	4000	23159	61.4000	55.0000	58.3449	58.3
FUSION FWD	MIDSIZE CARS	25IVCT	L65F	3500	17707	26.4000	43.4000	32.0492	32.0
ESCAPE PHEV FWD	SMALL SUV 2WD	25PHEV	CVMF	4000	7955	231.3218	95.6135	141.1614	141.2
CONTINENTAL AWD	LARGE CARS	3.0TDI	S6M-4	5000	1190	20.2204	33.9611	24.7214	24.7
CONTINENTAL COAC	LARGE CARS	3.0TDI	S6M-4	5000	58	19.6000	33.2000	24.0295	24.0
MKZ AWD	MIDSIZE CARS	3.0TDI	S6M-4	4500	844	21.0000	36.2000	25.8924	25.9
MKZ FWD	MIDSIZE CARS	3.0TDI	S6M-F	4500	283	22.0000	38.5000	27.2566	27.3
FORD GT	TWO SEATERS	3.5PX	SM7MR	3500	143	14.4794	25.3210	17.9350	17.9
CONTINENTAL AWD	LARGE CARS	3.7GT	S6M-4	4500	1158	20.5000	34.0000	24.9597	25.0
CONTINENTAL FWD	LARGE CARS	3.7GT	S6M-F	4500	3061	21.3000	36.5000	26.2121	26.2
MUSTANG	SUBCOMPACT CARS	5.0G	M62R	4000	8014	18.0688	31.3754	22.3306	22.3
MUSTANG	SUBCOMPACT CARS	5.0G	S10MSR	4000	14556	18.6114	32.5737	23.0592	23.1
MUSTANG CONV	SUBCOMPACT CARS	5.0G	S10MSR	4000	5467	18.7640	33.0296	23.2907	23.3
MUSTANG BULLITT	SUBCOMPACT CARS	5.0GHO	M62R	4000	743	17.7000	30.8000	21.8896	21.9
SHELBY GT350	SUBCOMPACT CARS	5.2G	M62R	4000	2658	16.9000	28.7000	20.7366	20.7
SHELBY GT500	SUBCOMPACT CARS	5.2PFI	SM7MR	4500	975	14.3772	25.1660	17.8138	17.8

**CAFE STATUS**

Volume<sup>c</sup> | 478267 |  
Adjusted CAFE\*, mpg 35.3  
Air Conditioning Improvement<sup>c</sup>, Mg, gal/ | 422487 | 0.0005 |  
Off-Cycle Improvement<sup>c</sup>, Mg, gal/mi | 741721 | 0.0009 |  
Final CAFE with GHG Credits 37.1  
Required Fuel Economy, mpg 41.9

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

<sup>c</sup> information

information bracketed [ ]

							←----- Final (MPG) ----->			
Carline	Carline Code	Class	Engine	Trans	IWC	CAFE Volume <sup>c</sup>	City	Hwy	MH	MH
ECOSPORT FWD	179	SMALL SUV 2WD	1.0TDI	S6SSMF	3500	38967	32.5764	43.5771	36.7513	36.8

**CAFE STATUS**

Volume <sup>c</sup>	38967	
Adjusted CAFE*, mpg	37.0	
Air Conditioning Improvement <sup>c</sup> , Mg, gal/mi	31148	0.0005
Off-Cycle Improvement <sup>c</sup> , Mg, gal/mi	70602	0.0010
Final CAFE with GHG Credits	39.2	
Required Fuel Economy, mpg	48.0	

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

<sup>c</sup> information

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>5</sup>
CONTINENTAL AWD	2.7TDI	S6M-4	4 DOOR SEDAN	Base	P255/45R19	P255/45R19	63.3	64.6	64.0	117.8	52.4	38.82	1033
CONTINENTAL AWD	3.0TDI	S6M-4	4 DOOR SEDAN	Base	P255/45R19	P255/45R19	63.3	64.6	64.0	117.8	52.4	38.82	1190
CONTINENTAL AWD	3.7GT	S6M-4	4 DOOR SEDAN	Base	P235/50R18	P235/50R18	63.5	64.7	64.1	117.8	52.4	38.82	1158
CONTINENTAL COAC	3.0TDI	S6M-4	COACH	Long	P245/40R20	P245/40R20	63.3	64.6	64.0	123.8	55.0	37.09	58
CONTINENTAL FWD	2.7TDI	S6M-F	4 DOOR SEDAN	Base	P255/45R19	P255/45R19	63.3	64.6	64.0	117.8	52.4	38.82	1445
CONTINENTAL FWD	3.7GT	S6M-F	4 DOOR SEDAN	Base	P235/50R18	P235/50R18	63.5	64.6	64.0	117.8	52.4	38.82	3061
CORSAIR FWD	2.0TDI	S8SSMF	4 DOOR SEDAN	Reg	225/60R18	225/60R18	63.0	63.9	63.4	106.6	46.9	43.05	10638
EDGE FWD	2.0TDI	A8SSMF	4 DOOR SEDAN	Reg	P245/60R18	P245/60R18	64.8	65.2	65.0	112.1	50.6	40.11	67577
ESCAPE FWD	15DITC	S8SSMF	4 DOOR SEDAN	Reg	225/65R17	225/65R17	62.8	62.3	62.6	106.7	46.4	43.48	97136
ESCAPE HEV FWD	25HEV	CVMF	4 DOOR SEDAN	Reg	225/65R17	225/65R17	62.8	62.4	62.6	106.7	46.4	43.48	23159
ESCAPE PHEV FWD	25PHEV	CVMF	4 DOOR SEDAN	Reg	225/60R18	225/60R18	62.8	62.4	62.6	106.7	46.4	43.48	7955
FORD GT	3.5PX	SM7MR	COUPE	Reg	325/30ZR20	325/30ZR20	66.7	65.4	66.0	106.7	48.9	41.41	143
FUSION AWD	2.0TDI	S6M-4	4 DOOR SEDAN	Base	P235/45R18	P235/45R18	62.6	62.5	62.6	112.1	48.7	41.56	22142
FUSION FWD	15GTDI	S6SSMF	4 DOOR SEDAN	Base	P235/50R17	P235/50R17	62.6	62.5	62.6	112.1	48.7	41.56	79394
FUSION FWD	20TDI	S6SSMF	4 DOOR SEDAN	Base	P235/45R18	P235/45R18	62.6	62.5	62.6	112.1	48.7	41.56	6746
FUSION FWD	25IVCT	L65F	4 DOOR SEDAN	Base	P215/60R16	P215/60R16	62.6	62.5	62.6	112.1	48.7	41.56	17707
FUSION HEV FWD	20HEV	CVMF	4 DOOR SEDAN	Base	P225/50R17	P225/50R17	62.6	62.5	62.6	112.1	48.7	41.56	19936
FUSION PHEV FWD	20PHE2	AV4F	4 DOOR SEDAN	Base	P225/50R17	P225/50R17	62.6	62.5	62.6	112.1	48.7	41.56	4763
FUSION POL PHEV	20PHEP	AV4F	4 DOOR SEDAN	Base	P235/50R17	P235/50R17	62.6	62.5	62.6	112.1	48.7	41.56	161
FUSION POLICE	20HEVP	CVMF	4 DOOR SEDAN	Base	P235/50R17	P235/50R17	62.6	62.5	62.6	112.1	48.7	41.56	1549
FUSION TAXI HEV	20HEV	CVMF	4 DOOR SEDAN	Base	P235/50R17	P235/50R17	62.6	62.5	62.6	112.1	48.7	41.56	8
MKZ AWD	2.0TDI	S6M-4	4 DOOR SEDAN	Base	P245/45R18	P245/45R18	62.6	62.5	62.6	112.1	48.7	41.56	5272
MKZ AWD	3.0TDI	S6M-4	4 DOOR SEDAN	Base	P245/45R18	P245/45R18	62.6	62.5	62.6	112.1	48.7	41.56	844
MKZ FWD	2.0TDI	S6M-F	4 DOOR SEDAN	Base	P245/45R18	P245/45R18	62.6	62.5	62.6	112.1	48.7	41.56	6711
MKZ FWD	3.0TDI	S6M-F	4 DOOR SEDAN	Base	P245/45R18	P245/45R18	62.6	62.5	62.6	112.1	48.7	41.56	283
MKZ HEV FWD	20HEV	CVMF	4 DOOR SEDAN	Base	P245/45R18	P245/45R18	62.6	62.5	62.6	112.1	48.7	41.56	2713
MUSTANG	5.0G	M62R	CONVERTIBLE	Reg	P235/50R18	P235/50R18	62.7	65.6	64.2	107.0	47.7	42.37	392
MUSTANG	23GTDI	M62R	COUPE	Reg	P235/55R17	P235/55R17	62.8	65.7	64.2	107.0	47.7	42.37	1167
MUSTANG	23GTDI	S10MSR	COUPE	Reg	P235/55R17	P235/55R17	62.8	65.7	64.2	107.0	47.7	42.37	17630
MUSTANG	5.0G	M62R	COUPE	Reg	P235/50R18	P235/50R18	62.7	65.6	64.2	107.0	47.7	42.37	7622
MUSTANG	5.0G	S10MSR	COUPE	Reg	P235/50R18	P235/50R18	62.7	65.6	64.2	107.0	47.7	42.37	14556
MUSTANG BULLITT	5.0GHO	M62R	COUPE	Reg	P255/40R19	P275/40R19	62.3	64.6	63.4	107.0	47.1	42.88	743
MUSTANG CONV	23GTDI	M62R	CONVERTIBLE	Reg	P235/55R17	P235/55R17	62.8	65.7	64.2	107.0	47.7	42.37	176
MUSTANG CONV	23GTDI	S10MSR	CONVERTIBLE	Reg	P235/55R17	P235/55R17	62.8	65.7	64.2	107.0	47.7	42.37	20881
MUSTANG CONV	5.0G	S10MSR	CONVERTIBLE	Reg	P235/50R18	P235/50R18	62.7	65.6	64.2	107.0	47.7	42.37	5467
MUSTANG HO CONV	23GTDI	M62R	CONVERTIBLE	Reg	P255/40R19	P255/40R19	62.2	65.1	63.6	107.0	47.3	42.71	307
MUSTANG HO CONV	23GTDI	S10MSR	CONVERTIBLE	Reg	P255/40R19	P255/40R19	62.2	65.1	63.6	107.0	47.3	42.71	334
MUSTANG HO COUPE	23GTDI	M62R	COUPE	Reg	P255/40R19	P255/40R19	62.2	65.1	63.6	107.0	47.3	42.71	456
MUSTANG HO COUPE	23GTDI	S10MSR	COUPE	Reg	P255/40R19	P255/40R19	62.2	65.1	63.6	107.0	47.3	42.71	1668
NAUTILUS FWD	2.0TDI	S8SSMF	4 DOOR SEDAN	Reg	P235/60R18	P235/60R18	65.6	65.2	65.4	112.0	50.9	39.88	20453
SHELBY GT350	5.2G	M62R	COUPE	Reg	295/35R19	P305/35R19	63.8	64.3	64.0	107.0	47.6	42.46	2658
SHELBY GT500	5.2PFI	SM7MR	COUPE	Reg	305/30R20	P315/30R20	63.8	64.3	64.0	107.0	47.6	42.46	975

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>5</sup>
ECOSPORT FWD	1.0TDI	S6SSMF	5 DOOR	Reg	P205/60R16	P205/60R16	60.2	60.7	60.4	99.3	41.7	47.99	38967

Fleet Obligation, mpg 48.0

## 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
Escape	15DITC	Domestic Car	EATC	Yes	Yes		Yes	Yes	Yes	
Escape	25HEV	Domestic Car		Yes	Yes		Yes	Yes	Yes	
Escape PHEV	25PHEV	Domestic Car		Yes	Yes		Yes	Yes	Yes	
CORSAIR FWD	2.0TDI	Domestic Car		Yes	Yes		Yes	Yes	Yes	Yes
Continental	2.7TDI	Domestic Car		Yes	Yes			Yes	Yes	
Continental	3.0TDI	Domestic Car		Yes	Yes			Yes	Yes	
Continental	3.7GT	Domestic Car		Yes	Yes			Yes	Yes	
Continental	3.7GT Coach	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 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	
Nautilus	2.0TDI	Domestic Car		Yes	Yes			Yes	Yes	Yes
Mustang	2.3L	Domestic Car		Yes	Yes			Yes	Yes	
Mustang	5.0L	Domestic Car		Yes	Yes			Yes	Yes	
Mustang Shelby	5.2L	Domestic Car			Yes					
GT	3.5PX	Domestic Car						Yes	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

## Air Conditioning Efficiency Technology Summary

Attmt I\_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 Technologies											Off-Cycle Demo Tech
				High Eff Lights	Active Grille Shutters	S/S with coolant recirc	S/S without coolant recirc	Active Trans Warm-Up	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	
Continental	2.7TDI	S6M-F	Domestic Car	YES	YES			YES	YES			YES	YES	YES	YES
Continental	2.7TDI	S6M-4	Domestic Car	YES	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
Corsair	2.0TDI	S8SSMF	Domestic Car	YES	YES	YES		YES	YES			YES	YES	YES	YES
Edge	2.0TDI	S8SSMF	Domestic Car	YES	YES	YES		YES	YES			YES	YES	YES	YES
Escape	15DITC	S8SSMF	Domestic Car	YES	YES	YES		YES	YES				YES	YES	YES
Escape HEV	25HEV	CVMF	Domestic Car	YES	YES	YES					YES		YES	YES	
Escape PHEV	25PHEV	CVMF	Domestic Car	YES	YES	YES					YES		YES	YES	
Fusion	15GTDI	S6SSMF	Domestic Car	YES	YES	YES		YES	YES			YES	YES	YES	YES
Fusion	2.0TDI	S6SSMF	Domestic Car	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	L65F	Domestic Car	YES	YES							YES	YES	YES	YES
Fusion HEV	20HEV	CVMF	Domestic Car	YES	YES	YES					YES	YES	YES	YES	
Fusion PHEV	20PHEV	AV4F	Domestic Car	YES	YES	YES					YES	YES	YES	YES	
Police City HEV	20HEVP	CVMF	Domestic Car	YES		YES							YES	YES	
GT	3.5PX	SM7MR	Domestic Car	YES									YES	YES	YES
MKZ	2.0TDI	S6M-F	Domestic Car	YES	YES			YES	YES			YES	YES	YES	YES
MKZ	2.0TDI	S6M-4	Domestic Car	YES	YES			YES	YES			YES	YES	YES	YES
MKZ	3.0TDI	S6M-F	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	
Mustang	23GTDI	S10MSR	Domestic Car	YES	YES				YES			YES	YES	YES	YES
Mustang	23GTDI	M62R	Domestic Car	YES	YES				YES			YES	YES	YES	YES
Mustang HO	23GTDI	S10MSR	Domestic Car	YES					YES			YES	YES	YES	YES
Mustang HO	23GTDI	M62R	Domestic Car	YES					YES			YES	YES	YES	YES
Mustang	5.0G	S10MSR	Domestic Car	YES	YES							YES	YES	YES	YES
Mustang	5.0G	M62R	Domestic Car	YES	YES							YES	YES	YES	YES
Mustang Bullitt	5.0GHO	M62R	Domestic Car	YES	YES							YES	YES	YES	YES
Mustang	5.2G	M62R	Domestic Car	YES								YES	YES	YES	YES
Mustang	5.2PFI	SM7MR	Domestic Car	YES								YES	YES	YES	YES
Nautilus	2.0TDI	S8SSMF	Domestic Car	YES	YES	YES		YES	YES			YES	YES	YES	YES

  

Integrated Exhaust Manifold	IEM
Cooled Exhaust Manifold	CEM
Start Stop	S/S

## Off-Cycle Efficiency Technology Summary

Attachment I\_II  
Exhibit 1E

Nameplate	Off-Cycle Menu Technologies													Off-Cycle Demo Tech High Eff Alternator
	Basic Engine	Trans Class	CAFE Fleet	High Eff Lights	Active Grille Shutters	S/S with coolant recirc	S/S without coolant recirc	Active Trans Warm-Up	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	YES	YES	YES

Integrated Exhaust Manifold    IEM  
 Cooled Exhaust Manifold    CEM  
 Start Stop    S/S

<b>CAR SAE Net Horsepower</b>			
<b>Engine</b>	<b>Engine Name</b>	<b>Car Line</b>	<b>Power (hp)</b>
1.0L EcoBoost	1.0TDI	Ecosport FWD	123
1.5L Ti-VCT GDI	15GTDI	Fusion	181
	15DITC	Escape FWD	TBD
2.0L Ti-VCT GDI	2.0TDI	Fusion	245
		MKZ, Corsair FWD, Edge FWD,	245
		Nautilus FWD	250
2.0L	20HEV	Fusion HEV	141
		MKZ HEV	188
2.0L, Ion battery	Lithium 20PHE2	Fusion PHEV	141 hp 88kW
2.3L GDI	23GTDI	Mustang, Mustang Convertible	310
2.5L 16V	25HEV	Escape HEV	TBD
2.5L 16V	25PHEV	Escape PHEV	TBD
2.5L 16V	25IVCT	Fusion	175
2.7L EcoBoost	2.7TDI	Continental	335
3.0L	3.0TDI	MKZ FWD	350
		MKZ AWD, Continental	400
3.5L	3.5PX	Ford GT	647
3.7L Ti-VCT	3.7GT	Continental	305
5.0L Ti-VCT	5.0G	Mustang, Mustang Convertible	460
		Mustang Bullitt	480
5.2L	5.2G	Shelby GT350 / GT350R	528 / 527
	5.2PFI	GT500	760

Vehicle Line	Drive Config	Body/Cab Style	Wheelbase Length (inches)	Interior	Cargo Volume (ft3)	Frontal Area (ft2)
				Volume Index (ft3)		
CONTINENTAL	FWD	4 DOOR SEDAN	118	123.1	16.7	25.7
CONTINENTAL	AWD	4 DOOR SEDAN	118	123.1	16.7	25.7
CORSAIR FWD	FWD	4 DOOR SEDAN	107	102.5	27.6	27.8
ECOSPORT	FWD	5 DOOR	99	91.1	20.9	26.4
EDGE FWD	FWD	4 DOOR SEDAN	112	113.9	39.2	30.1
ESCAPE FWD	FWD	4 DOOR SEDAN	107	104.0	33.5	28.3
ESCAPE FHEV	FWD	4 DOOR SEDAN	107	102.3	30.7	28.3
FORD GT	RWD	COUPE	107	43.7	0.4	19.6
FUSION	FWD	4 DOOR SEDAN	112	118.8	16.0	25.3
FUSION	AWD	4 DOOR SEDAN	112	118.8	16.0	25.3
FUSION HEV	FWD	4 DOOR SEDAN	112	114.8	12.0	25.3
FUSION PHEV	FWD	4 DOOR SEDAN	112	111.0	8.2	25.3
MKZ	AWD	4 DOOR SEDAN	112	111.9	15.4	25.4
MKZ	FWD	4 DOOR SEDAN	112	111.9	15.4	25.4
MKZ HEV	FWD	4 DOOR SEDAN	112	107.6	11.1	25.4
MUSTANG	RWD	CONVERTIBLE	107	90.6	11.4	24.4
MUSTANG	RWD	COUPE	107	96.4	13.5	24.2
MUSTANG BULLITT	RWD	COUPE	107	96.4	13.5	24.0
MUSTANG SHELBY GT	RWD	COUPE 4 PASS	107	98.0	13.5	24.3
MUSTANG SHELBY GT	RWD	COUPE 2 PASS	107	65.8	13.5	24.8
NAUTILUS FWD	FWD	4 DOOR SEDAN	112	108.3	37.2	29.6

Ford Motor Company  
Configuration Summary  
Passenger Vehicle

Atmt I  
Exh II  
Table 3

Carline	Engine Name	Disp Cub Inches	# Cyl	EPA Fuel Sys	EPA Eng Cfg	Aspir	Engine Type	Trans Class	OD	Axle Ratio	Calibration	App	Min ETW	Max ETW	Min TRLHP	Max TRLHP	Min LVW	Max LVW	Min GVWR	Max GVWR	Min N/V	Max N/V	Proj Sales*	Combined FE Fuel 1
ESCAPE FWD	15DITC	92	3	16	1	T	1	S8SSMF	2	3.52	LCTCY1NA10	50ST	3625	3625	11.7	12	3617	3617	4360	4360	29.5	29.6	100	
ESCAPE FWD	15DITC	92	3	16	1	T	1	S8SSMF	2	3.52	LCTCY1NA16	50ST	3625	3625	11.7	12	3617	3617	4360	4360	29.5	29.6	97036	41.1663
FUSION FWD	15GTDI	92	4	16	1	T	1	S6SSMF	2	3.07	KCC7UNNA20	50ST	3750	3750	10.5	10.8	3791	3791			30.2	30.3	79394	36.3399
EDGE FWD	2.0TDI	122	4	16	1	T	1	A8SSMF	2	3.8	KCD9R9NB30	50ST	4500	4500	13.1	13.8	4453	4453	5270	5270	27.6	28.1	67577	31.7258
FUSION AWD	2.0TDI	122	4	16	1	T	1	S6M-4	2	3.36	KCC7R9NA10	50ST	4000	4000	13.3	13.4	4116	4116			33	33.1	22142	29.1584
MKZ AWD	2.0TDI	122	4	16	1	T	1	S6M-4	2	3.36	KCC7R9NA10	50ST	4250	4250	12.8	13.6	4296	4296			32.6	32.6	5272	29.1584
MKZ FWD	2.0TDI	122	4	16	1	T	1	S6M-F	2	3.21	KCC7R9NA10	50ST	4250	4250	10.8	11.6	4139	4139			31.1	31.2	6711	29.1584
CORSAIR FWD	2.0TDI	122	4	16	1	T	1	S8SSMF	2	3.81	LCTFR9NA11	50ST	4000	4000	13	13.1	4111	4111	4860	4860	28.5	28.7	10638	32.3371
NAUTILUS FWD	2.0TDI	122	4	16	1	T	1	S8SSMF	2	3.8	KCD9R9NB30	50ST	4500	4500	13.3	14.1	4588	4588	5600	5600	27	28.1	20453	31.3361
NAUTILUS FWD 2ND	2.0TDI	122	4	16	1	T	1	S8SSMF	2	3.8	KCD9R9NB30	50ST	4500	4500	13.3	13.3	4581	4581	5600	5600	27.7	27.7	0	31.3361
CONTINENTAL AWD	2.7TDI	165	6	16	2	T	1	S6M-4	2	3.16	KCPLWQNA06	50ST	5000	5000	15	15.2	4922	4974	5700	5700	29.1	29.4	1033	25.5326
CONTINENTAL FWD	2.7TDI	165	6	16	2	T	1	S6M-F	2	2.77	KCPLWQNB06	50ST	4750	4750	13.6	13.8	4745	4797	5520	5520	25.5	25.8	1445	27.3604
FUSION HEV FWD	20HEV	121	4	7	1	N	1	CVMF	2	2.57	KCC7UANA11	50ST	4000	4000	10.8	11	3995	4022			33.9	34.5	19936	62.4997
FUSION TAXI HEV	20HEV	121	4	7	1	N	1	CVMF	2	2.57	KCC7UANA11	50ST	4000	4000	11.9	11.9	4032	4032			34	34	8	62.4997
MKZ HEV FWD	20HEV	121	4	7	1	N	1	CVMF	2	2.57	KCC7UANA11	50ST	4250	4250	12.4	12.4	4228	4228			33.5	33.5	42	62.4997
MKZ HEV FWD	20HEV	121	4	7	1	N	1	CVMF	2	2.91	KCC7UANA11	50ST	4250	4250	11.6	11.6	4228	4228			37.8	37.8	2671	
FUSION POLICE	20HEVP	121	4	7	1	N	1	CVMF	2	2.57	KCC7UANU11	50ST	4000	4000	13	13	4048	4048			34	34	1549	53.9607
FUSION PHEV FWD	20PHE2	121	4	7	1	N	1	AV4F	2	2.91	KCC7UANJ12	50ST	4250	4250	11.3	11.3	4366	4366			39.1	39.1	4763	103.06
FUSION POL PHEV	20PHEP	121	4	7	1	N	1	AV4F	2	2.91	KCC7UANX11	50ST	4250	4250	11.6	11.6	4282	4282			38.5	38.5	161	96.7269
FUSION FWD	20TDI	122	4	16	1	T	1	S6SSMF	2	3.21	KCC7R9NB10	50ST	4000	4000	11.3	11.3	3976	3976			31.5	31.5	6746	32.9231
MUSTANG HO CONV	23GTDC	140	4	16	1	T	1	M62R	2	3.55	KCGZN3N120	50ST	4000	4000	15.5	15.5	4078	4078	4660	4660	31.9	31.9	307	28.754
MUSTANG	23GTDI	140	4	16	1	T	1	M62R	2	3.31	KCGZN3N120	50ST	3875	3875	11.9	13.7	3869	3895	4520	4520	29.5	29.8	1167	32.1474
MUSTANG CONV	23GTDI	140	4	16	1	T	1	M62R	2	3.31	KCGZN3N120	50ST	4000	4000	12.9	14.6	4024	4024	4660	4660	29.5	29.8	154	32.1474
MUSTANG CONV	23GTDI	140	4	16	1	T	1	M62R	2	3.55	KCGZN3N120	50ST	4000	4000	15.5	15.5	4078	4078	4660	4660	31.9	31.9	22	
MUSTANG HO COUPE	23GTDI	140	4	16	1	T	1	M62R	2	3.55	KCGZN3N120	50ST	3875	3875	14.5	14.5	3933	3933	4520	4520	31	31.9	456	30.1236
MUSTANG	23GTDI	140	4	16	1	T	1	S10MSR	2	3.15	KCGZN3NA20	50ST	3875	3875	11.1	12.9	3889	3889	4520	4520	25.5	25.7	17630	33.7662
MUSTANG CONV	23GTDI	140	4	16	1	T	1	S10MSR	2	3.15	KCGZN3NA20	50ST	4000	4000	12.1	13.8	4050	4050	4660	4660	25.5	25.7	20705	29.3952
MUSTANG CONV	23GTDI	140	4	16	1	T	1	S10MSR	2	3.55	KCGZN3NA20	50ST	4000	4000	14.6	14.6	4102	4102	4660	4660	29	29	176	29.1886
MUSTANG HO CONV	23GTDI	140	4	16	1	T	1	S10MSR	2	3.55	KCGZN3NA20	50ST	4000	4000	14.6	14.6	4102	4102	4660	4660	29	29	334	29.1886
MUSTANG HO COUPE	23GTDI	140	4	16	1	T	1	S10MSR	2	3.55	KCGZN3NA20	50ST	4000	4000	13.2	13.7	3972	3972	4520	4520	28.2	29	1668	29.1886
ESCAPE HEV FWD	25HEV	153	4	7	1	N	1	CVMF	2	2.91	LCTCBGNF15	50ST	3875	3875	12.4	12.5	3851	3894	4580	4580	35.2	35.5	23159	58.3449
FUSION FWD	25IVCT	153	4	7	1	N	1	L65F	2	3.07	JCC7S7NA32	50ST	3750	3750	10.6	11.5	3710	3710			30.3	30.4	17707	32.0492
ESCAPE PHEV FWD	25PHEV	153	4	7	1	N	1	CVMF	2	2.91	LCTCBGNP06	50ST	4250	4250	13.4	13.4	4184	4184	4860	4860	35.3	35.3	7955	89.7411
CONTINENTAL AWD	3.0TDI	180	6	16	2	T	1	S6M-4	2	3.39	KCPLYXNB06	50ST	5000	5000	15.1	15.3	4921	4989	5700	5700	31.2	31.5	1190	24.7214
CONTINENTAL COAC	3.0TDI	180	6	16	2	T	1	S6M-4	2	3.39	KCPLYXNB06	50ST	5250	5250	15.5	15.5	5181	5181	5700	5700	31.5	31.5	58	24.0295
MKZ AWD	3.0TDI	180	6	16	2	T	1	S6M-4	2	3.16	KCC9YXNA06	50ST	4500	4500	14.3	14.3	4616	4616			30.5	30.5	844	25.8924
MKZ FWD	3.0TDI	180	6	16	2	T	1	S6M-F	2	2.77	KCC9YXNA06	50ST	4500	4500	12.8	12.8	4436	4436			26.7	26.7	283	27.2566
FORD GT	3.5PX	213	6	16		T	1	SM7MR	2	3.61	LCGXURNA06	50ST	3625	3625	16.2	16.9	3652	3679	3700	3779	28.7	28.7	143	17.935
CONTINENTAL AWD	3.7GT	228	6	8	2	N	1	S6M-4	2	3.39	KCPLKPNB06	50ST	4750	4750	14.7	15.2	4801	4817	5560	5560	31.2	32.1	1158	24.9597
CONTINENTAL FWD	3.7GT	228	6	8	2	N	1	S6M-F	2	3.16	KCPLKPNB06	50ST	4750	4750	12.6	13.1	4630	4645	5380	5380	29.1	29.9	3061	26.2121
MUSTANG	5.0G	305	8	8	2	N	1	M62R	2	3.55	LCGZMFN106	50ST	4000	4250	12.8	15	4096	4262	4720	4860	28	28.3	3380	22.9647
MUSTANG	5.0G	305	8	8	2	N	1	M62R	2	3.73	LCGZMFN106	50ST	4000	4250	14.6	15.6	4096	4262	4640	4860	29.1	30.7	4634	21.8896

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Ford Motor Company  
 Configuration Summary  
 Passenger Vehicle

Atmt I  
 Exh II  
 Table 3

Carline	Engine Name	Disp Cub Inches	# Cyl	EPA Fuel Sys	EPA Eng Cfg	Aspir	Engine Type	Trans Class	OD	Axle Ratio	Calibration	App	Min ETW	Max ETW	Min TRLHP	Max TRLHP	Min LVW	Max LVW	Min GVWR	Max GVWR	Min N/V	Max N/V	Proj Sales*	Combined FE Fuel 1
MUSTANG	5.0G	305	8	8	2	N	1	S10MSR	2	3.15	LCGZMFNA06	50ST	4000	4000	11.5	12.9	4118	4118	4720	4720	25.5	25.7	7099	24.3503
MUSTANG	5.0G	305	8	8	2	N	1	S10MSR	2	3.55	LCGZMFNA06	50ST	4000	4000	11.5	13	4118	4118	4720	4720	28.4	29	7457	21.9512
MUSTANG CONV	5.0G	305	8	8	2	N	1	S10MSR	2	3.15	LCGZMFNA06	50ST	4250	4250	12.5	14	4278	4278	4860	4860	25.5	25.7	4684	23.5307
MUSTANG CONV	5.0G	305	8	8	2	N	1	S10MSR	2	3.55	LCGZMFNA06	50ST	4250	4250	12.5	14	4278	4278	4860	4860	28.4	29	783	21.9512
MUSTANG BULLITT	5.0GHO		8	8	2	N	1	M62R	2	3.73	LCGZMFN106	50ST	4250	4250	14.8	14.8	4165	4165	4720	4720	29.1	29.1	743	21.8896
SHELBY GT350	5.2G	305	8	8	2	N	1	M62R	2	3.73	LCZGYRN105	50ST	4000	4000	16.6	16.6	4099	4099	4600	4600	29.8	29.8	2658	20.7366
SHELBY GT500	5.2PFI	315	8	8	2	S	1	SM7MR	2	3.73	LCZGH0NA13	50ST	4500	4500	18.6	18.6	4504	4504	5050	5050	26.5	26.5	975	17.8138
ECOSPORT FWD	1.0TDI	61	3	16	1	T	1	S6SSMF	2	3.44	JCBWM1NE40	50ST	3375	3375	12.2	12.4	3381	3381	3990	3990	34.7	35.6	38967	36.7513

information bracketed [ ]

Code Descriptions

Attachment I  
Exhibit II  
Table 4

<b>Code</b>	<b>Definition</b>
EPA Trans Overdrive Code	EPA Trans Overdrive Description
1	No gear ratio < 1
2	Top gear ratio <1
3	Electrically operated
4	Computer controlled
5	Computer/lock-out
EPA Fuel System Code	Engine Fuel System Description
07	Multi-point
08	Sequential
16	Gas DI
18	Diesel DI
EPA Engine Config Code	EPA Engine Config Description
01	In-line
02	V-block
EPA Engine Type Code	EPA Engine Type Description
01	Otto Spark
02	Stratified
03	Diesel
99	Other
Aspiration Method	
N	Naturally aspirated
S	Supercharged
T	Turbocharged

## **ADDENDUM TO PRECEDING EXHIBITS**

### **PASSENGER CARS**

#### **Format Modifications**

Several format modifications have been made to this report. Reference 49 CFR §537.7(c)(3), "Other formats (such as copies of EPA reports) which contain all the required information in a readily identifiable form are also acceptable." To communize NHTSA reporting with EPA reporting, we are using several EPA codes in this report. For a description of these codes, please see Exhibit II, Table 5.

Requested data that is not specifically stated in the previous exhibits includes:

- All transmissions have overdrive.
- All carlines use three-way catalysts for emissions control.

#### **Optional Equipment**

Optional equipment that was considered is air conditioning (AC), power steering (PS), and anti-lock brakes (ABS). These are now standard on all carlines.



**Attachment II**

**Light-Duty Truck Fuel Economy Information**

Ford Motor Company  
US Model Type  
Light Truck

Attmt II  
Exhibit 1A

Carline	Class	Engine	Trans	IWC	CAFE Volume	←----- Baseline (MPG) ----->			
						City	Hwy	MH	MH
ESCAPE AWD	SMALL SUV AWD	15DITC	S8SSM4	3500	85115	34.2	48.5	39.4318	39.4
TRANS CONN LWB F	SPEC PURP 2WD	2.0F	S8SS-F	4000	26	30.4	43.3	35.1065	35.1
TRANS CONN VAN F	SPEC PURP 2WD	2.0F	S8SS-F	4000	358	30.9	43.9	35.6507	35.7
TRANSIT CONN LWB	SPEC PURP 2WD	2.0G	S8SS-F	4000	7677	30.4	43.3	35.1065	35.1
TRANSIT CONN VAN	SPEC PURP 2WD	2.0G	S8SS-F	4000	25500	30.9	43.9	35.6507	35.7
EDGE AWD	SMALL SUV AWD	2.0TDI	A8SSM4	4500	37068	26.1	40.7	31.1242	31.1
CORSAIR AWD	SMALL SUV AWD	2.0TDI	S8SSM4	4000	8304	26.0726	40.3901	31.0209	31
EDGE AWD	SMALL SUV AWD	2.0TDI	S8SSM4	4500	51501	26.0906	40.6816	31.112	31.1
ESCAPE AWD	SMALL SUV AWD	2.0TDI	S8SSM4	4000	55277	29	45.3	34.6029	34.6
NAUTILUS AWD	SMALL SUV AWD	2.0TDI	S8SSM4	4500	8306	26.0906	40.6816	31.112	31.1
ECOSPORT AWD	SMALL SUV AWD	2.0VCT	S6SSM4	3500	47625	29.6217	42.2897	34.2368	34.2
F150 4X4	STD PICKUP 4WD	2.7G-4	S10MS4	4500 5000	71486	22.877	33.3107	26.6306	26.6
F150 4X2	STD PICKUP 2WD	2.7G-R	S10MSR	4500 5000	31440	23.5	35.4	27.6885	27.7
EDGE AWD	SMALL SUV AWD	2.7TDI	S8SSM4	5000	22871	23.528	35.9809	27.8683	27.9
NAUTILUS AWD	SMALL SUV AWD	2.7TDI	S8SSM4	5000	7547	23.528	35.9809	27.8683	27.9
EXPLORER AWD	STANDARD SUV 4WD	23ETDI	S10MS4	4500	159685	25.6	40.2	30.6012	30.6
EXPLORER RWD	STANDARD SUV 2WD	23ETDI	S10MSR	4500	103493	25.6	40.2	30.6012	30.6
RANGER 4WD	STD PICKUP 4WD	23ETDI	S10SM4	4500	51549	23.4	29	25.6269	25.6
RANGER 2WD	STD PICKUP 2WD	23ETDI	S10SMR	4500	28103	26.7	38.1	30.8544	30.9
RANGER INCOM 2WD	SPEC PURP 2WD	23ETDI	S10SMR	5000	81	23.4	28.9148	25.5969	25.6
CORSAIR AWD	SMALL SUV AWD	23GTDI	S8SSM4	4000	3707	26.8504	40.5509	31.6646	31.7
ESCAPE HEV AWD	SMALL SUV AWD	25HEV	CVMA	4000	29992	59.7	54.1	57.0429	57
TRANSIT CONN LWB	SPEC PURP 2WD	25IVCT	S6M-F	4000	29	24.5	37.4	29.0014	29
TRANSIT CONN VAN	SPEC PURP 2WD	25IVCT	S6M-F	4000	361	24.8	37.6	29.2864	29.3
TRANS CO USPS	SPEC PURP 2WD	25IVCU	S6M-F	4000	7140	24.8	37.6	29.2864	29.3
F150 4X4	STD PICKUP 4WD	3.0D-4	S10MS4	6000	3149	25.006	35.3328	28.7929	28.8
F150 4X4 XL/XLT	STD PICKUP 4WD	3.0D-4	S10MS4	5500	543	26.7108	39.6435	31.3066	31.3
F150 4X2	STD PICKUP 2WD	3.0D-R	S10MSR	5500	504	27.3547	40.6781	32.0834	32.1
F150 4X2 LT TIRE	STD PICKUP 2WD	3.0D-R	S10MSR	5500	13	27.3547	40.6781	32.0834	32.1
AVIATOR AWD	STANDARD SUV 4WD	3.0TDI	S10MS4	5500	18650	21.4	34.2	25.7342	25.7
EXPLORER AWD	STANDARD SUV 4WD	3.0TDI	S10MS4	5000	11061	22.2806	35.7659	26.8333	26.8
AVIATOR RWD	SUV 2WD	3.0TDI	S10MSR	5000	7443	22.649	37	27.438	27.4
EXPLORER FFV AWD	STANDARD SUV 4WD	3.3F-4	S10M-4	5000	1111	19.2	30.1	22.9379	22.9
F150 FFV 4X4	STD PICKUP 4WD	3.3F-4	S6MS-4	4500 5000	15853	21.2095	29.9502	24.416	24.4
F150 FFV 4X2	STD PICKUP 2WD	3.3F-R	S6MS-R	4500	26425	24.2536	35.1423	28.1832	28.2
T150 WGN FFV 4WD	PASSENGER VANS	3.5F-4	S10M-4	6500	4794	17.4196	25.4833	20.3119	20.3
T150 WGN FFV 2WD	PASSENGER VANS	3.5F-R	S10M-R	6000 6500	10716	18.3523	26.8383	21.3967	21.4
AVIATOR PHEV AWD	STANDARD SUV 4WD	30PHEV	S10M-4	6000	1843	61.9492	48.288	54.9531	55
EXPLORER HEV AWD	STANDARD SUV 4WD	33HEV	S10M-4	5500	2841	30	36.8	32.7208	32.7
EXPLORER HEV RWD	STANDARD SUV 2WD	33HEV	S10M-R	5000	1895	34.6	41.5	37.3981	37.4
POLICE INTERCPT UT HEV AWD	STANDARD SUV 4WD	33HEVP	L10M-4	5500	12076	30	33.7	31.5592	31.6
F150 4WD LIMITED	STD PICKUP 4WD	35GHO4	S10MS4	5500	4559	21.3	30.1	24.5268	24.5
F150 RAPTOR 4WD	STD PICKUP 4WD	35GHO4	S10MS4	6000	18763	19	24.6	21.1685	21.2
F150 2WD LIMITED	STD PICKUP 4WD	35GHOR	S10MSR	5500	117	21.4	30.5	24.7188	24.7
EXPED 4X4	STANDARD SUV 4WD	35TPD4	S10MS4	6000	29622	20.8217	30.8569	24.3913	24.4
EXPED MAX 4X4	STANDARD SUV 4WD	35TPD4	S10MS4	6000	26951	20.8217	30.8569	24.3913	24.4
F150 4X4	STD PICKUP 4WD	35TPD4	S10MS4	5000 5500	93873	19.7997	29.3991	23.21	23.2
EXPED 4X2	STANDARD SUV 2WD	35TPDR	S10MSR	6000	20821	21.1	31.6	24.8097	24.8
EXPED MAX 4X2	STANDARD SUV 2WD	35TPDR	S10MSR	6000	13872	21.1	31.6	24.8097	24.8

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
F150 4X2	STD PICKUP 2WD	35TPDR	S10MSR	5000 5500	9765	19.798	29.3971	23.2082	23.2
NAV 4X4	STANDARD SUV 4WD	35TPR4	S10MS4	6500	15641	19.5	28.4499	22.7157	22.7
NAV 4X2	STANDARD SUV 2WD	35TPRR	S10MSR	6000	875	19.6	28.8499	22.9047	22.9
NAV L 4X2	STANDARD SUV 2WD	35TPRR	S10MSR	6500	370	19.6	28.8499	22.9047	22.9
F150 FFV 4X4	STD PICKUP 4WD	5.0F-4	S10MS4	4500 5000 5500	82046	18.5999	26.6997	21.5405	21.5
F150 5.0F 2WD HD	STD PICKUP 2WD	5.0F-R	S10MSR	5000	218	19.2464	29.405	22.7892	22.8
F150 FFV 4X2	STD PICKUP 2WD	5.0F-R	S10MSR	4500 5000	22615	19.2811	29.5599	22.8577	22.9
F150 FFV 4X2 LT	STD PICKUP 2WD	5.0F-R	S10MSR	4500 5000	733	19.2883	29.5925	22.8721	22.9

**CAFE STATUS**

Volume <sup>C</sup>	1303999	
CAFE, mpg	28.3	
Air Conditioning Improvement <sup>C</sup> , Mg, gal/mi	2117184	0.0008
Off-Cycle Improvement <sup>C</sup> , Mg, gal/mi	4949198	0.0019
Final CAFE with GHG Credits	30.6	
Required Fuel Economy, mpg	29.6	

<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>
AVIATOR AWD	3.0TDI	S10MS4	4 DOOR	Base	255/60R19	255/60R19	67.2	67.3	67.2	118.9	55.5	30.28	18650
AVIATOR PHEV AWD	30PHEV	S10M-4	4 DOOR	Base	255/55R20	255/55R20	67.2	67.3	67.2	118.9	55.5	30.28	1843
AVIATOR RWD	3.0TDI	S10MSR	4 DOOR	Base	255/60R19	255/60R19	67.3	67.4	67.4	119.0	55.7	30.19	7443
CORSAIR AWD	2.0TDI	S8SSM4	4 DOOR	Reg	225/60R18	225/60R18	63.0	63.9	63.4	106.6	46.9	34.96	8304
CORSAIR AWD	23GTDI	S8SSM4	4 DOOR	Reg	225/55R19	225/55R19	63.0	63.9	63.4	106.6	46.9	34.96	3707
ECOSPORT AWD	2.0VCT	S6SSM4	5 DOOR	Reg	P205/60R16	P205/60R16	60.0	59.9	60.0	99.3	41.4	38.80	47625
EDGE AWD	2.0TDI	A8SSM4	4 DOOR	Reg	P245/60R18	P245/60R18	64.8	65.1	65.0	112.0	50.6	32.78	37068
EDGE AWD	2.0TDI	S8SSM4	4 DOOR	Reg	P245/60R18	P245/60R18	64.8	65.1	65.0	112.0	50.6	32.78	51501
EDGE AWD	2.7TDI	S8SSM4	4 DOOR	Reg	P245/50R20	P245/50R20	64.8	65.1	65.0	112.0	50.6	32.78	22871
ESCAPE AWD	15DITC	S8SSM4	4 DOOR	Reg	225/65R17	225/65R17	62.7	62.2	62.4	106.6	46.2	35.41	85115
ESCAPE AWD	2.0TDI	S8SSM4	4 DOOR	Reg	225/60R18	225/60R18	62.8	62.3	62.6	106.7	46.4	35.28	55277
ESCAPE HEV AWD	25HEV	CVMA	4 DOOR	Reg	225/65R17	225/65R17	62.7	62.3	62.5	106.7	46.3	35.35	29992
EXPED 4X2	35TPDR	S10MSR	UTILITY	Short	275/65R18	275/65R18	67.5	67.3	67.4	122.1	57.1	29.55	20821
EXPED 4X4	35TPD4	S10MS4	UTILITY	Short	275/65R18	275/65R18	67.5	67.3	67.4	122.1	57.1	29.55	29622
EXPED MAX 4X2	35TPDR	S10MSR	UTILITY EXTENDED	Long	275/65R18	275/65R18	67.4	67.3	67.4	131.2	61.4	27.74	13872
EXPED MAX 4X4	35TPD4	S10MS4	UTILITY EXTENDED	Long	275/65R18	275/65R18	67.4	67.3	67.4	131.3	61.5	27.70	26951
EXPLORER AWD	23ETDI	S10MS4	4 DOOR	Base	P255/65R18	P255/65R18	67.1	67.3	67.2	118.9	55.5	30.28	159685
EXPLORER AWD	3.0TDI	S10MS4	4 DOOR	Base	P255/55R20	P255/55R20	67.1	67.3	67.2	118.9	55.5	30.28	11061
EXPLORER FFV AWD	3.3F-4	S10M-4	4 DOOR	Base	P255/65R18	P255/65R18	67.1	67.3	67.2	118.9	55.5	30.28	1111
EXPLORER HEV AWD	33HEV	S10M-4	4 DOOR	Base	P255/55R20	P255/55R20	67.1	67.5	67.3	118.9	55.6	30.24	2841
EXPLORER HEV RWD	33HEV	S10M-R	4 DOOR	Base	P255/55R20	P255/55R20	67.2	67.4	67.3	118.9	55.6	30.24	1895
EXPLORER RWD	23ETDI	S10MSR	4 DOOR	Base	P255/65R18	P255/65R18	67.2	67.4	67.3	118.9	55.6	30.24	103493
F150 2WD LIMITED	35GHOR	S10MSR	SUPER CREW CAB	Short	P275/45R22	P275/45R22	67.5	67.6	67.6	145.0	68.1	25.32	117
F150 4WD LIMITED	35GHO4	S10MS4	SUPER CREW CAB	Short	P275/45R22	P275/45R22	67.4	67.6	67.5	145.1	68.0	25.35	4559
F150 4X2	2.7G-R	S10MSR	REGULAR CAB	Long	245/70R17	245/70R17	67.2	67.6	67.4	141.3	66.1	25.99	661
F150 4X2	35TPDR	S10MSR	REGULAR CAB	Long	245/70R17	245/70R17	67.3	67.6	67.4	141.3	66.1	25.99	145
F150 4X2	2.7G-R	S10MSR	REGULAR CAB	Short	245/70R17	245/70R17	67.2	67.6	67.4	122.6	57.4	29.41	650
F150 4X2	2.7G-R	S10MSR	SUPER CAB	Long	245/70R17	245/70R17	67.2	67.6	67.4	163.9	76.7	25.25	631
F150 4X2	35TPDR	S10MSR	SUPER CAB	Long	245/70R17	245/70R17	67.2	67.6	67.4	163.8	76.7	25.25	87
F150 4X2	2.7G-R	S10MSR	SUPER CAB	Med	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68.0	25.35	3627
F150 4X2	3.0D-R	S10MSR	SUPER CAB	Med	245/70R17	245/70R17	67.5	67.6	67.6	145.0	68.1	25.32	49
F150 4X2	35TPDR	S10MSR	SUPER CAB	Med	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68.0	25.35	531
F150 4X2	2.7G-R	S10MSR	SUPER CREW CAB	Long	245/70R17	245/70R17	67.3	67.6	67.4	157.0	73.5	25.25	651
F150 4X2	3.0D-R	S10MSR	SUPER CREW CAB	Long	245/70R17	245/70R17	67.5	67.7	67.6	156.7	73.6	25.25	17
F150 4X2	35TPDR	S10MSR	SUPER CREW CAB	Long	245/70R17	245/70R17	67.3	67.6	67.4	157.0	73.5	25.25	321
F150 4X2	2.7G-R	S10MSR	SUPER CREW CAB	Short	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68.0	25.35	25064
F150 4X2	3.0D-R	S10MSR	SUPER CREW CAB	Short	245/70R17	245/70R17	67.5	67.6	67.6	145.0	68.1	25.32	438
F150 4X2	35TPDR	S10MSR	SUPER CREW CAB	Short	245/70R17	245/70R17	67.3	67.6	67.4	145.2	68.0	25.35	8342
F150 4X2	2.7G-R	S10MSR	REGULAR CAB- MAX	Long	245/70R17	245/70R17	67.3	67.6	67.4	141.2	66.1	25.99	28
F150 4X2	2.7G-R	S10MSR	SUPER CAB-MAX	Med	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68.0	25.35	62
F150 4X2	2.7G-R	S10MSR	SUPER CREW CAB-MAX	Long	245/70R17	245/70R17	67.3	67.6	67.4	157.0	73.5	25.25	12
F150 4X2	2.7G-R	S10MSR	SUPER CAB-MAX	Long	245/70R17	245/70R17	67.2	67.6	67.4	163.9	76.7	25.25	10
F150 4X2	2.7G-R	S10MSR	SUPER CREW CAB-MAX	Short	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68.0	25.35	44
F150 4X2	35TPDR	S10MSR	SUPER CREW CAB-HVY	Long	LT275/65R18	LT275/65R18	67.4	67.6	67.5	157.0	73.6	25.25	12
F150 4X2	35TPDR	S10MSR	REGULAR CAB-HVY	Long	LT275/65R18	LT275/65R18	67.2	67.6	67.4	141.2	66.1	25.99	200
F150 4X2	35TPDR	S10MSR	SUPER CAB - HVY	Long	LT275/65R18	LT275/65R18	67.1	67.6	67.4	163.8	76.7	25.25	127
F150 4X2 LT TIRE	3.0D-R	S10MSR	SUPER CREW CAB	Short	LT245/70R17E	LT245/70R17E	67.5	67.6	67.6	145.0	68.1	25.32	6
F150 4X2 LT TIRE	3.0D-R	S10MSR	SUPER CAB	Med	LT245/70R17E	LT245/70R17E	67.5	67.6	67.6	145.0	68.1	25.32	7
F150 4X4	2.7G-4	S10MS4	REGULAR CAB	Short	265/70R17	265/70R17	67.4	67.6	67.5	122.7	57.5	29.37	652

Light Truck 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>
F150 4X4	2.7G-4	S10MS4	REGULAR CAB	Long	265/70R17	265/70R17	67.4	67.6	67.5	141.4	66.3	25.93	557
F150 4X4	2.7G-4	S10MS4	SUPER CREW CAB	Short	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68.0	25.35	58523
F150 4X4	2.7G-4	S10MS4	SUPER CAB	Med	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68.0	25.35	10892
F150 4X4	3.0D-4	S10MS4	SUPER CREW CAB	Short	275/65R18	275/65R18	67.4	67.7	67.6	145.1	68.1	25.32	2404
F150 4X4	3.0D-4	S10MS4	SUPER CREW CAB	Long	275/65R18	275/65R18	67.4	67.7	67.6	156.9	73.7	25.25	699
F150 4X4	3.0D-4	S10MS4	SUPER CAB	Med	275/65R18	275/65R18	67.4	67.7	67.6	145.1	68.1	25.32	46
F150 4X4	35TPD4	S10MS4	REGULAR CAB	Long	265/70R17	265/70R17	67.3	67.6	67.4	141.4	66.2	25.96	141
F150 4X4	35TPD4	S10MS4	SUPER CREW CAB	Long	265/70R17	265/70R17	67.3	67.6	67.4	157.1	73.5	25.25	15161
F150 4X4	35TPD4	S10MS4	SUPER CAB	Long	265/70R17	265/70R17	67.3	67.6	67.4	164.0	76.8	25.25	476
F150 4X4	35TPD4	S10MS4	SUPER CAB	Med	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68.0	25.35	3088
F150 4X4	35TPD4	S10MS4	SUPER CREW CAB	Short	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68.0	25.35	74604
F150 4X4	2.7G-4	S10MS4	SUPER CREW CAB-MAX	Short	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68.0	25.35	742
F150 4X4	2.7G-4	S10MS4	SUPER CAB-MAX	Med	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68.0	25.35	113
F150 4X4	2.7G-4	S10MS4	REGULAR CAB- MAX	Long	265/70R17	265/70R17	67.4	67.6	67.5	141.3	66.2	25.96	7
F150 4X4	35TPD4	S10MS4	SUPER CAB - HVY	Long	LT275/65R18	LT275/65R18	67.2	67.6	67.4	164.0	76.8	25.25	141
F150 4X4	35TPD4	S10MS4	REGULAR CAB-HVY	Long	LT275/65R18	LT275/65R18	67.4	67.6	67.5	141.3	66.2	25.96	159
F150 4X4	35TPD4	S10MS4	SUPER CREW CAB-HVY	Long	LT275/65R18	LT275/65R18	67.3	67.6	67.4	157.1	73.5	25.25	103
F150 4X4 XL/XLT	3.0D-4	S10MS4	SUPER CREW CAB	Long	LT275/65R18	LT275/65R18	67.4	67.7	67.6	156.9	73.7	25.25	157
F150 4X4 XL/XLT	3.0D-4	S10MS4	SUPER CREW CAB	Short	LT275/65R18	LT275/65R18	67.4	67.7	67.6	145.1	68.1	25.32	294
F150 4X4 XL/XLT	3.0D-4	S10MS4	SUPER CAB	Med	LT275/65R18	LT275/65R18	67.4	67.7	67.6	145.1	68.1	25.32	92
F150 5.0F 2WD HD	5.0F-R	S10MSR	REGULAR CAB-HVY	Long	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	141.2	66.1	25.99	112
F150 5.0F 2WD HD	5.0F-R	S10MSR	SUPER CAB - HVY	Long	LT245/70R17E	LT245/70R17E	67.1	67.6	67.4	163.8	76.7	25.25	78
F150 5.0F 2WD HD	5.0F-R	S10MSR	SUPER CREW CAB-HVY	Long	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	157.0	73.6	25.25	28
F150 FFV 4X2	3.3F-R	S6MS-R	REGULAR CAB	Long	245/70R17	245/70R17	67.2	67.6	67.4	141.2	66.1	25.99	9306
F150 FFV 4X2	5.0F-R	S10MSR	REGULAR CAB	Long	245/70R17	245/70R17	67.3	67.6	67.4	141.2	66.1	25.99	5700
F150 FFV 4X2	3.3F-R	S6MS-R	REGULAR CAB	Short	245/70R17	245/70R17	67.2	67.6	67.4	122.6	57.4	29.41	4234
F150 FFV 4X2	5.0F-R	S10MSR	REGULAR CAB	Short	245/70R17	245/70R17	67.4	67.6	67.5	122.6	57.5	29.37	605
F150 FFV 4X2	5.0F-R	S10MSR	SUPER CAB	Long	245/70R17	245/70R17	67.2	67.6	67.4	163.9	76.7	25.25	401
F150 FFV 4X2	3.3F-R	S6MS-R	SUPER CAB	Med	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68.0	25.35	7802
F150 FFV 4X2	5.0F-R	S10MSR	SUPER CAB	Med	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68.0	25.35	1931
F150 FFV 4X2	5.0F-R	S10MSR	SUPER CREW CAB	Long	245/70R17	245/70R17	67.3	67.6	67.4	157.0	73.5	25.25	541
F150 FFV 4X2	3.3F-R	S6MS-R	SUPER CREW CAB	Short	245/70R17	245/70R17	67.2	67.6	67.4	145.2	68.0	25.35	5083
F150 FFV 4X2	5.0F-R	S10MSR	SUPER CREW CAB	Short	245/70R17	245/70R17	67.3	67.6	67.4	145.2	68.0	25.35	13437
F150 FFV 4X2 LT	5.0F-R	S10MSR	REGULAR CAB	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	141.2	66.1	25.99	243
F150 FFV 4X2 LT	5.0F-R	S10MSR	REGULAR CAB	Short	LT245/70R17E	LT245/70R17E	67.4	67.6	67.5	122.6	57.5	29.37	4
F150 FFV 4X2 LT	5.0F-R	S10MSR	SUPER CAB	Long	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	163.9	76.7	25.25	21
F150 FFV 4X2 LT	5.0F-R	S10MSR	SUPER CAB	Med	LT245/70R17E	LT245/70R17E	67.2	67.6	67.4	145.2	68.0	25.35	274
F150 FFV 4X2 LT	5.0F-R	S10MSR	SUPER CREW CAB	Long	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	157.0	73.5	25.25	24
F150 FFV 4X2 LT	5.0F-R	S10MSR	SUPER CREW CAB	Short	LT245/70R17E	LT245/70R17E	67.3	67.6	67.4	145.2	68.0	25.35	167
F150 FFV 4X4	3.3F-4	S6MS-4	REGULAR CAB	Long	265/70R17	265/70R17	67.4	67.6	67.5	141.3	66.2	25.96	2260
F150 FFV 4X4	5.0F-4	S10MS4	REGULAR CAB	Long	265/70R17	265/70R17	67.4	67.6	67.5	141.3	66.2	25.96	862
F150 FFV 4X4	3.3F-4	S6MS-4	REGULAR CAB	Short	265/70R17	265/70R17	67.4	67.6	67.5	122.7	57.5	29.37	1328
F150 FFV 4X4	5.0F-4	S10MS4	REGULAR CAB	Short	265/70R17	265/70R17	67.4	67.6	67.5	122.7	57.5	29.37	757
F150 FFV 4X4	5.0F-4	S10MS4	SUPER CAB	Long	265/70R17	265/70R17	67.3	67.6	67.4	164.0	76.8	25.25	1113
F150 FFV 4X4	3.3F-4	S6MS-4	SUPER CAB	Med	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68.0	25.35	7456
F150 FFV 4X4	5.0F-4	S10MS4	SUPER CAB	Med	265/70R17	265/70R17	67.4	67.6	67.5	145.3	68.1	25.32	9629
F150 FFV 4X4	5.0F-4	S10MS4	SUPER CREW CAB	Long	265/70R17	265/70R17	67.3	67.6	67.4	157.1	73.5	25.25	6385
F150 FFV 4X4	3.3F-4	S6MS-4	SUPER CREW CAB	Short	265/70R17	265/70R17	67.4	67.6	67.5	145.3	68.1	25.32	4809

Light Truck 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>
F150 FFV 4X4	5.0F-4	S10MS4	SUPER CREW CAB	Short	265/70R17	265/70R17	67.3	67.6	67.4	145.3	68.0	25.35	62899
F150 FFV 4X4	5.0F-4	S10MS4	SUPER CREW CAB-HVY	Long	LT275/65R18	LT275/65R18	67.3	67.6	67.4	157.1	73.5	25.25	139
F150 FFV 4X4	5.0F-4	S10MS4	SUPER CAB - HVY	Long	LT275/65R18	LT275/65R18	67.2	67.6	67.4	164.0	76.8	25.25	180
F150 FFV 4X4	5.0F-4	S10MS4	REGULAR CAB-HVY	Long	LT275/65R18	LT275/65R18	67.3	67.6	67.4	141.4	66.2	25.96	82
F150 RAPTOR 4WD	35GHO4	S10MS4	SUPER CREW CAB	Short	LT315/70R17	LT315/70R17	74.2	73.6	73.9	146.0	74.9	25.25	18089
F150 RAPTOR 4WD	35GHO4	S10MS4	SUPER CAB	Short	LT315/70R17	LT315/70R17	74.2	73.6	73.9	134.3	68.9	25.25	674
NAUTILUS AWD	2.0TDI	S8SSM4	4 DOOR	Reg	P235/60R18	P235/60R18	65.6	65.2	65.4	112.0	50.9	32.62	8306
NAUTILUS AWD	2.7TDI	S8SSM4	4 DOOR	Reg	P245/60R18	P245/60R18	65.6	65.2	65.4	112.0	50.9	32.62	7547
NAV 4X2	35TPRR	S10MSR	UTILITY	Short	275/55R20	275/55R20	67.5	67.3	67.4	122.2	57.2	29.50	875
NAV 4X4	35TPR4	S10MS4	UTILITY	Short	275/55R20	275/55R20	67.5	67.3	67.4	122.2	57.2	29.50	8985
NAV 4X4	35TPR4	S10MS4	UTILITY EXTENDED	Long	285/45R22	285/45R22	67.5	67.3	67.4	131.3	61.5	27.70	6656
NAV L 4X2	35TPRR	S10MSR	UTILITY EXTENDED	Long	285/45R22	285/45R22	67.5	67.3	67.4	131.2	61.4	27.74	370
POLICE INTERCPTR UTIL HEV AWD	33HEVP	L10M-4	4 DOOR	Base	P255/60R18	P255/60R18	67.2	67.5	67.4	118.9	55.7	30.19	12076
RANGER 2WD	23ETDI	S10SMR	RAPCAB	Reg	255/70R16	255/70R16	61.4	61.4	61.4	126.7	54.0	31.01	6082
RANGER 2WD	23ETDI	S10SMR	SUPER CREW CAB	Reg	255/70R16	255/70R16	61.4	61.4	61.4	126.7	54.0	31.01	22021
RANGER 4WD	23ETDI	S10SM4	RAPCAB	Reg	255/70R16	255/70R16	61.4	61.4	61.4	126.8	54.1	30.96	6593
RANGER 4WD	23ETDI	S10SM4	SUPER CREW CAB	Reg	255/70R16	255/70R16	61.4	61.4	61.4	126.8	54.1	30.96	44956
RANGER INCOM 2WD	23ETDI	S10SMR	RAP CHASSIS CAB	Reg	255/70R16	255/70R16	61.4	61.4	61.4	126.7	54.0	31.01	81
T150 WGN FFV 2WD	3.5F-R	S10M-R	REG WAGON LR	Med	255/55R20	235/65R16C	68.2	68.6	68.4	129.7	61.6	27.66	7755
T150 WGN FFV 2WD	3.5F-R	S10M-R	REG WAGON MR	Med	255/55R20	235/65R16C	68.2	68.6	68.4	129.7	61.6	27.66	2961
T150 WGN FFV 4WD	3.5F-4	S10M-4	REG WAGON MR	Med	255/55R20	235/65R16C	68.2	68.6	68.4	129.7	61.6	27.66	1269
T150 WGN FFV 4WD	3.5F-4	S10M-4	REG WAGON LR	Med	255/55R20	235/65R16C	68.2	68.6	68.4	129.7	61.6	27.66	3525
TRANS CO USPS	25IVCU	S6M-F	REGULAR VAN	Long	P215/55R16	P215/55R16	61.4	62.3	61.8	120.6	51.8	32.13	7140
TRANS CONN LWB F	2.0F	S8SS-F	WAGON 3ROWS	Long	P215/55R16	P215/55R16	61.7	62.3	62.0	120.6	51.9	32.08	25
TRANS CONN LWB F	2.0F	S8SS-F	WAGON 2 ROWS	Long	P215/55R16	P215/55R16	61.7	62.3	62.0	120.6	51.9	32.08	1
TRANS CONN VAN F	2.0F	S8SS-F	REGULAR VAN	Long	P215/55R16	P215/55R16	61.6	62.3	62.0	120.5	51.9	32.08	290
TRANS CONN VAN F	2.0F	S8SS-F	REGULAR VAN	Short	P215/55R16	P215/55R16	61.5	62.4	62.0	104.8	45.1	36.13	68
TRANSIT CONN LWB	2.0G	S8SS-F	WAGON 3ROWS	Long	P215/55R16	P215/55R16	61.7	62.3	62.0	120.6	51.9	32.08	7641
TRANSIT CONN LWB	2.0G	S8SS-F	WAGON 2 ROWS	Long	P215/55R16	P215/55R16	61.7	62.3	62.0	120.6	51.9	32.08	36
TRANSIT CONN LWB	25IVCT	S6M-F	WAGON 2 ROWS	Long	P215/55R16	P215/55R16	61.7	62.3	62.0	120.6	51.9	32.08	1
TRANSIT CONN LWB	25IVCT	S6M-F	WAGON 3ROWS	Long	P215/55R16	P215/55R16	61.7	62.3	62.0	120.6	51.9	32.08	28
TRANSIT CONN VAN	2.0G	S8SS-F	REGULAR VAN	Long	P215/55R16	P215/55R16	61.6	62.3	62.0	120.5	51.9	32.08	20675
TRANSIT CONN VAN	25IVCT	S6M-F	REGULAR VAN	Long	P215/55R16	P215/55R16	61.6	62.3	62.0	120.6	51.9	32.08	293
TRANSIT CONN VAN	2.0G	S8SS-F	REGULAR VAN	Short	P215/55R16	P215/55R16	61.5	62.4	62.0	104.8	45.1	36.13	4825
TRANSIT CONN VAN	25IVCT	S6M-F	REGULAR VAN	Short	P215/55R16	P215/55R16	61.5	62.4	62.0	104.8	45.1	36.13	68

Fleet Obligation, mpg 29.6

## Air Conditioning Efficiency Technology Summary

Attmt I\_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	2.0VCT	Light Truck		Yes	Yes			Yes	Yes	
Escape	15DITC	Light Truck	EATC	Yes	Yes		Yes	Yes	Yes	
Escape	25HEV	Light Truck		Yes	Yes		Yes	Yes	Yes	
Escape	2.0TDI	Light Truck	EATC	Yes	Yes		Yes	Yes	Yes	Yes
CORSAIR AWD	2.0TDI	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
CORSAIR AWD	23GTDI	Light Truck		Yes	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	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	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
TRANSIT CONN VAN	25IVCT	Light Truck	w/o AUX	Yes	Yes			Yes	Yes	Yes
TRANSIT CONN VAN	25IVCT	Light Truck	w/o AUX & w/DATC	Yes	Yes		Yes	Yes	Yes	Yes
TRANS CO USPS	25IVCU	Light Truck		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	23ETDI	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
Explorer	3.0TDI	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
Explorer	3.3F-4	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
Explorer	33HEV	Light Truck		Yes	Yes		Yes	Yes	Yes	
Police Interceptor Utility	33HEVP	Light Truck		Yes	Yes		Yes	Yes	Yes	
Aviator	3.0TDI	Light Truck		Yes	Yes		Yes	Yes	Yes	Yes
Aviator HEV	30PHEV	Light Truck		Yes	Yes		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	

**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





<b>TRUCK SAE Net Horsepower</b>			
<b>Engine</b>	<b>Engine Name</b>	<b>Car Line</b>	<b>Power (hp)</b>
1.5L Ti-VCT GDI I4	15DITC	Escape AWD	TBD
2.0L GDI I4	2.0F	Transit Connect FFV	162
2.0L GDI I4	2.0G	Transit Connect	162
2.0L Ti-VCT GDI I4	2.0TDI	Corsair AWD	245
		Edge AWD, Nautilus	250
		Escape AWD	TBD
2.0L Ti-VCT	2.0VCT	Ecosport AWD	166
2.3L EcoBoost	23ETDI	Explorer	300
2.3L EcoBoost	23ETDI	Ranger	270
2.3L I4	23GTDI	Corsair AWD	285
2.5L	25IVCT, 25IVCU	Transit Connect	169
2.5L 16V	25HEV	Escape HEV	TBD
2.7L EcoBoost V6	2.7G	F150	325
	2.7TDI	Edge AWD, Nautilus	335
3.0L V6	3.0D	F150	250
		Explorer ST	400
3.0L V6	3.0TDI	Aviator, Explorer	400
3.0L V6	30PHEV	Aviator	494
3.3L Ti-VCT V6	3.3F	F150	290
3.3L HEV	33HEV	Explorer	285
	33HEVP	Police Interceptor Utility HEV	318
3.5L EcoBoost V6	3.5F	Transit	310
	35TPD4, 35TPDR	Expedition, F150	375
	35TPR4, 35TPRR	Navigator	450
3.5L High-Output EcoBoost V6	35GHO4, 35GHOR	F150, F150 Raptor	450
5.0L Ti-VCT V8	5.0F	F150	395

\* -R, -F, and -4 elsewhere in this report denote engines used on rear wheel, front wheel and 4 wheel drive vehicles

Vehicle Line	Drive Config	Body/Cab Style	Wheelbase	Interior	Cargo	Frontal Area (ft2)
			Length (Inches)	Volume Index (ft3)	Volume (ft3)	
AVIATOR / PHEV	ALL	4 DOOR	119	144.7	18.3	32.5
CORSAIR	AWD	4 DOOR SEDAN	107	102.5	27.6	27.8
ECOSPORT	AWD	5 DOOR	99	91.1	20.9	26.4
EDGE	AWD	4 DOOR	112	113.9	39.2	30.1
ESCAPE	AWD	4 DOOR	107	104.0	33.5	28.3
ESCAPE FHEV	AWD	4 DOOR	107	102.3	30.7	28.3
EXPEDITION	4X2	UTILITY	122	171.9	19.3	36.8
EXPEDITION	4X2	UTILITY EXTENDED	131	172.0	34.3	36.8
EXPEDITION	4X4	UTILITY	122	171.9	19.3	36.8
EXPEDITION	4X4	UTILITY EXTENDED	131	172.0	34.3	36.8
EXPLORER / HEV	AWD / RWD	4 DOOR	119	152.7	18.2	32.5
F150	4X2	REGULAR CAB	122	64.6	62.3	36.4
F150	4X2	REGULAR CAB	141	64.6	77.4	36.5
F150	4X2	SUPER CAB	145	116.0	62.3	36.5
F150	4X2	SUPER CAB	163	116.0	77.4	36.5
F150	4X2	SUPER CREW CAB	145	131.7	52.8	36.7
F150	4X2	SUPER CREW CAB	157	131.7	62.3	36.7
F150	4X4	REGULAR CAB	122	64.6	62.3	36.9
F150	4X4	REGULAR CAB	141	64.6	77.4	36.9
F150	4X4	SUPER CAB	145	116.0	62.3	37.2
F150	4X4	SUPER CAB	163	116.0	77.4	37.1
F150	4X4	SUPER CREW CAB	145	131.7	52.8	37.4
F150	4X4	SUPER CREW CAB	157	131.7	62.3	37.4
F150 RAPTOR	4X4	SUPER CAB	134	116.0	52.8	39.3
F150 RAPTOR	4X4	SUPER CREW CAB	145	131.8	52.8	39.3
NAUTILUS	AWD	4 DOOR	112	108.3	37.2	29.6
NAVIGATOR	4X2	UTILITY	122	172.0	19.3	36.8
NAVIGATOR	4X2	UTILITY EXTENDED	131	172.1	34.3	36.8
NAVIGATOR	4X4	UTILITY	122	172.0	19.3	36.8
NAVIGATOR	4X4	UTILITY EXTENDED	131	172.1	34.3	36.8
RANGER	4X2	SUPER CAB	127	110.9	50.7	31.0
RANGER	4X2	SUPER CREW CAB	127	96.9	38.8	31.0
RANGER	4X4	SUPER CAB	127	110.9	50.7	31.0
RANGER	4X4	SUPER CREW CAB	127	96.9	38.8	31.0
TRANSIT 150 WAGON	4X2	REG WAGON 8 PSGR LOW ROOF	130	176.9	94.2	42.0
TRANSIT 150 WAGON	4X2	REG WAGON 10 PSGR LOW ROOF	130	230.9	39.1	42.0
TRANSIT 150 WAGON	4X2	REG WAGON 8 PSGR MEDIUM ROOF	130	235.7	125	50.9
TRANSIT 150 WAGON	4X2	REG WAGON 10 PSGR MEDIUM ROOF	130	313.5	51.8	50.9
TRANSIT CONNECT	FWD	REGULAR VAN	105	63.2	104.8	31.3
TRANSIT CONNECT	FWD	REGULAR VAN	121	63.2	127.4	31.3
TRANSIT CONNECT LWB	FWD	WAGON_3Rows	121	167.1	14.2	31.4
TRANSIT CONNECT LWB	FWD	WAGON_3Rows Taxi	121	121.3	60.5	31.4

Ford Motor Company  
Configuration Summary  
Light Truck

Atmt II  
Exh II  
Table 3

Carline	Engine Name	Disp	Cub Inches	# Cyl	EPA Fuel Sys	EPA Eng Cfg	Aspir	Engine Type	Trans Class	OD	Axle Ratio	Calibration	App	Min ETW	Max ETW	Min TRLHP	Max TRLHP	Min LVW	Max LVW	Min GVWR	Max GVWR	Min N/V	Max N/V	Proj Sales <sup>2</sup>	Combined FE Fuel 1	Combined FE Fuel 2
ESCAPE AWD	15DITC	92	3	16	1	T	1	S8SSM4	2	3.81	LCTCY1NB09	50ST	3750	3750	12	12.2	3789	3789	4500	4500	28.7	28.8	154			
ESCAPE AWD	15DITC	92	3	16	1	T	1	S8SSM4	2	3.81	LCTCY1NB16	50ST	3750	3750	12	12.2	3789	3789	4500	4500	28.7	28.8	84961	39.4318		
TRANS CONN LWB F	2.0F	121	4	7	1	N	1	S8SS-F	2	3.8	KCHCXQNA20	50ST	4250	4250	13	13	4256	4315	5100	5420	32.4	32.4	26	35.1065	25.6287	
TRANS CONN VAN F	2.0F	121	4	7	1	N	1	S8SS-F	2	3.8	KCHCXQNA20	50ST	3875	4000	12.9	12.9	3891	4023	5130	5302	32.4	32.4	358	35.6507	26.3962	
TRANSIT CONN LWB	2.0G	121	4	7	1	N	1	S8SS-F	2	3.8	KCHCXQNA20	50ST	4250	4250	13	13	4256	4345	5100	5420	32.4	32.4	7677	35.1065		
TRANSIT CONN VAN	2.0G	121	4	7	1	N	1	S8SS-F	2	3.8	KCHCXQNA20	50ST	3875	4000	12.9	12.9	3891	4023	5130	5302	32.4	32.4	25500	35.6507		
EDGE AWD	2.0TDI	122	4	16	1	T	1	A8SSM4	2	3.8	KCD9R9NB30	50ST	4500	4500	13.7	14.5	4617	4617	5540	5540	27.6	28.1	37068	31.1242		
CORSAIR AWD	2.0TDI	122	4	16	1	T	1	S8SSM4	2	3.81	LCTFR9NA11	50ST	4250	4250	13.5	13.6	4258	4258	4860	4860	28.5	28.7	8304	31.0209		
EDGE AWD	2.0TDI	122	4	16	1	T	1	S8SSM4	2	3.8	KCD9R9NB30	50ST	4500	4500	13.7	14.5	4521	4617	5540	5540	27.6	28.1	51501	31.112		
ESCAPE AWD	2.0TDI	122	4	16	1	T	1	S8SSM4	2	3.47	LCTCR9NB11	50ST	3875	3875	12.3	12.3	3880	3880	4570	4570	26	26.1	55277	34.6029		
NAUTILUS AWD	2.0TDI	122	4	16	1	T	1	S8SSM4	2	3.8	KCD9R9NB30	50ST	4750	4750	14	14.9	4761	4761	5820	5820	27	28.1	8306	31.112		
ECOSPORT AWD	2.0VCT	121	4	16	1	N	1	S6SSM4	2	3.51	JCBWU4NY24	50ST	3750	3750	13.7	14	3689	3689	4253	4253	35.4	36.3	47625	34.2368		
F150 4X4	2.7G-4	165	6	16	2	T	1	S10MS4	2	3.55	KTFCWQNB11	50ST	4750	4750	17	18.4	4802	4802	6210	6210	24.8	25.7	593	28.8485		
F150 4X4	2.7G-4	165	6	16	2	T	1	S10MS4	2	3.73	KTFCWQNB11	50ST	4750	4750	17	18.4	4802	4802	6210	6210	26.1	27	59			
F150 4X4	2.7G-4	165	6	16	2	T	1	S10MS4	2	3.55	KTFCWQNB11	50ST	5000	5250	16.9	20.5	4887	5211	6500	6600	24.5	25.7	67537	26.6734		
F150 4X4	2.7G-4	165	6	16	2	T	1	S10MS4	2	3.73	KTFCWQNB11	50ST	5000	5250	17	20.5	4887	5251	6500	7000	25.7	27	3297	25.4089		
F150 4X2	2.7G-R	165	6	16	2	T	1	S10MSR	2	3.55	KTFCWQNB11	50ST	4500	4500	15.7	17.5	4524	4613	6070	6220	25.7	25.7	1208	27.6885		
F150 4X2	2.7G-R	165	6	16	2	T	1	S10MSR	2	3.73	KTFCWQNB11	50ST	4500	4750	15.7	18.1	4524	4728	6070	6900	27	27	131			
F150 4X2	2.7G-R	165	6	16	2	T	1	S10MSR	2	3.55	KTFCWQNB11	50ST	5000	5000	15.6	18.1	4877	5005	6360	6500	24.6	25.7	28921	27.6885		
F150 4X2	2.7G-R	165	6	16	2	T	1	S10MSR	2	3.73	KTFCWQNB11	50ST	5000	5000	15.6	18.2	4877	5039	6360	6900	25.8	27	1180			
EDGE AWD	2.7TDI	165	6	16	2	T	1	S8SSM4	2	3.39	KCD9WQNB31	50ST	5000	5000	14.4	15.6	4922	4994	5700	5700	23.9	24.5	22871	27.8683		
NAUTILUS AWD	2.7TDI	165	6	16	2	T	1	S8SSM4	2	3.65	KCD9WQNB31	50ST	5000	5000	14.1	15.1	4984	4984	5960	5960	25.8	26.4	7547			
EXPLORER AWD	23ETDI	140	4	16	1	T	1	S10MS4	2	3.58	LCTWN3NA14	50ST	4750	4750	14.5	14.6	4721	4721	5860	5860	24.7	24.7	159685	30.6012		
EXPLORER RWD	23ETDI	140	4	16	1	T	1	S10MSR	2	3.58	LCTWN3NA14	50ST	4500	4500	13.6	13.7	4623	4623	5760	5760	24.7	24.7	103493	30.6012		
RANGER 4WD	23ETDI	140	4	16	1	T	1	S10MS4	2	3.73	KTFGN3NA26	50ST	4750	4750	17.9	18.6	4702	4789	6050	6050	27	27.4	51549	25.6269		
RANGER 2WD	23ETDI	140	4	16	1	T	1	S10MSR	2	3.73	KTFGN3NA26	50ST	4500	4500	15.5	16.3	4496	4582	6050	6050	27	27.4	28103	30.8544		
RANGER INCOM 2WD	23ETDI	140	4	16	1	T	1	S10MSR	2	3.73	KTFGN3NA26	50ST	5250	5250	22.5	22.6	5355	5355	6050	6050	27.4	27.4	81	25.5969		
CORSAIR AWD	23GTDI	140	4	16	1	T	1	S8SSM4	2	3.81	LCTFN3NA10	50ST	4250	4250	13.7	13.9	4267	4267	4940	4940	28.5	28.8	3707	31.6646		
ESCAPE HEV AWD	25HEV	153	4	7	1	N	1	CVMA	2	2.91	LCTCBGNA15	50ST	4000	4000	12.8	13	3985	3985	4730	4730	35.2	35.5	29992	57.0429		
TRANSIT CONN LWB	25IVCT	153	4	7	1	N	1	S6M-F	2	3.21	KCHCS7NA31	50ST	4250	4250	13.7	13.7	4255	4352	5302	5420	32.9	32.9	29	29.0014		
TRANSIT CONN VAN	25IVCT	153	4	7	1	N	1	S6M-F	2	3.21	KCHCS7NA31	50ST	3875	4000	13.7	13.8	3907	4043	5110	5302	32.9	32.9	361	29.2864		
TRANS CO USPS	25IVCU	153	4	7	1	N	1	S6M-F	2	3.21	KCHCS7NA31	50ST	3875	3875	13.7	13.7	3831	3831	5210	5210	32.9	32.9	7140	29.2864		
F150 4X4	3.0D-4	183	6	16	2	T	3	S10MS4	2	3.31	JTFCBFNB22	50ST	6000	6000	19.3	22	5775	5888	7050	7100	22.8	22.9	1149	28.9412		
F150 4X4	3.0D-4	183	6	16	2	T	3	S10MS4	2	3.55	JTFCBFNB22	50ST	6000	6000	19.3	21.7	5775	5888	7050	7100	24.5	24.8	2000	28.7084		
F150 4X4 XL/XLT	3.0D-4	183	6	16	2	T	3	S10MS4	2	3.31	JTFCBFNA22	50ST	5500	5500	17.9	18.7	5662	5743	7000	7050	22.8	23.2	247	31.2948		
F150 4X4 XL/XLT	3.0D-4	183	6	16	2	T	3	S10MS4	2	3.55	JTFCBFNA22	50ST	5500	5500	17.9	18.7	5659	5743	7000	7050	24.5	24.8	296	31.3165		
F150 4X2	3.0D-R	183	6	16	2	T	3	S10MSR	2	3.31	JTFCBFNA22	50ST	5500	5500	16.2	16.7	5506	5628	7050	7050	22.9	24	346	32.0276		
F150 4X2	3.0D-R	183	6	16	2	T	3	S10MSR	2	3.55	JTFCBFNA22	50ST	5500	5500	16.2	16.7	5506	5628	7050	7050	24.6	25.7	158	32.2065		
F150 4X2 LT TIRE	3.0D-R	183	6	16	2	T	3	S10MSR	2	3.31	JTFCBFNA22	50ST	5500	5500	18.4	18.5	5506	5560	7050	7050	24	24	9	32.0276		
F150 4X2 LT TIRE	3.0D-R	183	6	16	2	T	3	S10MSR	2	3.55	JTFCBFNA22	50ST	5500	5500	18.4	18.5	5506	5560	7050	7050	25.7	25.7	4	32.2065		
AVIATOR AWD	3.0TDI	180	6	16	2	T	1	S10MS4	2	3.58	LCTVYXNA11	50ST	5500	5500	15.1	15.4	5468	5468	6500	6500	24.7	25	18650	25.7342		
EXPLORER AWD	3.0TDI	180	6	16	2	T	1	S10MS4	2	3.31	LCTWYXNB15	50ST	5000	5000	15.1	15.5	5078	5078	6110	6150	22.8	23	9997	26.8575		
EXPLORER AWD	3.0TDI	180	6	16	2	T	1	S10MS4	2	3.58	LCTWYXNB15	50ST	5000	5000	15.1	15.5	5078	5078	6110	6110	24.7	24.9	1064	26.6085		
AVIATOR RWD	3.0TDI	180	6	16	2	T	1	S10MSR	2	3.58	LCTVYXNA11	50ST	5250	5250	13.7	14.1	5347	5347	6325	6325	24.7	25	7443	27.438		
EXPLORER FFV AWD	3.3F-4	201	6	8	2	N	1	S10M-4	2	3.58	LCTWAXNG10	50ST	5000	5000	15.6	15.6	4895	4895	5830	5830	24.7	24.7	1111	22.9379	15.4172	
F150 FFV 4X4	3.3F-4	201	6	8	2	N	1	S6MS-4	2	3.55	LTFCAAXB05	50ST	4750	4750	18.1	19.8	4660	4660	6120	6120	27	28	991	26.4537	19.422	
F150 FFV 4X4	3.3F-4	201	6	8	2	N	1	S6MS-4	2	3.73	LTFCAAXB05	50ST	4750	4750	18.1	20.1	4660	4735	6120	6390	28.4	29.4	2597	24.2913	18.1251	
F150 FFV 4X4	3.3F-4	201	6	8	2	N	1	S6MS-4	2	3.73	LTFCAAXB05	50ST	5000	5000	18	20.1	5002	5093	6500	6500	27.9	29.4	1265	24.2913	18.1251	
F150 FFV 4X2	3.3F-R	201	6	8	2	N	1	S6MS-R	2	3.55	LTFCAAXB05	50ST	4500	4750	16.4	18.5	4386	4851	6100	6300	27.9	28	22308	28.5274	20.9045	

Ford Motor Company  
Configuration Summary  
Light Truck

Atmt II  
Exh II  
Table 3

Carline	Engine Name	Disp Inches	Cub # Cyl	EPA Fuel Sys	EPA Eng Cfg	Aspir	Engine Type	Trans Class	OD	Axle Ratio	Calibration	App	Min ETW	Max ETW	Min TRLHP	Max TRLHP	Min LVW	Max LVW	Min GVWR	Max GVWR	Min N/V	Max N/V	Proj Sales <sup>o</sup>	Combined FE Fuel 1	Combined FE Fuel 2
F150 FFV 4X2	3.3F-R	201	6	8	2	N	1	S6MS-R	2	3.73	LTFCAKNB05	50ST	4500	4750	16.4	18.5	4386	4851	6100	6300	29.3	29.4	4117	26.4537	19.422
T150 WGN FFV 4WD	3.5F-4	213	6	16	2	T	1	S10M-4	2	3.73	LTTHKXNA10	50ST	6500	6500	23.2	24.8	6392	6576	8550	8550	29.4	29.4	4794	20.3119	15.3876
T150 WGN FFV 2WD	3.5F-R	213	6	16	2	T	1	S10M-R	2	3.73	LTTHKXNA10	50ST	6000	6000	21.1	21.1	6167	6167	8550	8550	29.4	29.4	7755	21.7887	16.2266
T150 WGN FFV 2WD	3.5F-R	213	6	16	2	T	1	S10M-R	2	3.73	LTTHKXNA10	50ST	6500	6500	23	23	6352	6352	8550	8550	29.4	29.4	2961	20.4339	15.6053
AVIATOR PHEV AWD	30PHEV	183	6	7	2	N	1	S10M-4	2	3.31	LCTVBQNK10	50ST	6000	6000	15.6	16.1	6139	6139	7150	7150	22.8	23	1843	52.2646	
EXPLORER HEV AWD	33HEV	201	6	7	2	N	1	S10M-4	2	3.73	LCTWBPNA12	50ST	5500	5500	15.2	15.5	5458	5458	6480	6480	25.7	25.7	2841	32.7208	
EXPLORER HEV RWD	33HEV	201	6	7	2	N	1	S10M-R	2	3.58	LCTWBPNL12	50ST	5250	5250	13.7	14	5349	5349	6400	6400	24.7	24.7	1895	37.3981	
PIU HEV AWD	39HEVP	201	6	7	2	N	1	L10M-4	2	3.73	LCTWBPNB12	50ST	5500	5500	17.3	17.3	5395	5395	6840	6840	26.6	26.6	12076	31.5592	
F150 4WD LIMITED	35GH04	213	6	16	2	T	1	S10MS4	2	3.55	LTFCKZNC06	50ST	5500	5500	19.8	19.8	5737	5737	6750	6750	24.7	24.7	4559	24.5268	
F150 RAPTOR 4WD	35GH04	213	6	16	2	T	1	S10MS4	2	4.1	LTFCKZNB06	50ST	6000	6000	24.5	24.7	5983	6227	6650	7050	26.4	26.4	18763	21.1685	
F150 2WD LIMITED	35GHOR	213	6	16	2	T	1	S10MSR	2	3.55	LTFCKZNC06	50ST	5500	5500	17.6	17.6	5485	5485	6750	6750	24.7	24.7	117	24.7188	
EXPED 4X4	35TPD4	213	6	16	2	T	1	S10MS4	2	3.31	LTB8URNA07	50ST	6000	6000	18.4	18.9	6035	6035	7400	7400	22.8	22.9	17323	24.7819	
EXPED 4X4	35TPD4	213	6	16	2	T	1	S10MS4	2	3.73	LTB8URNA07	50ST	6000	6000	18.4	18.9	6035	6035	7400	7450	25.7	26.1	12299	23.8033	
EXPED MAX 4X4	35TPD4	213	6	16	2	T	1	S10MS4	2	3.31	LTB8URNA07	50ST	6000	6000	18.4	19	6176	6176	7600	7720	22.8	22.9	17214	24.7819	
EXPED MAX 4X4	35TPD4	213	6	16	2	T	1	S10MS4	2	3.73	LTB8URNA07	50ST	6000	6000	18.4	19	6176	6176	7600	7720	25.7	26.1	9737	23.8033	
F150 4X4	35TPD4	213	6	16	2	T	1	S10MS4	2	3.31	LTFCURNC06	50ST	5250	5250	19	20.6	5171	5171	7050	7050	23.2	24	76	23.2105	
F150 4X4	35TPD4	213	6	16	2	T	1	S10MS4	2	3.55	LTFCURNC06	50ST	5250	5250	19	20.6	5171	5171	7050	7050	24.8	25.7	65	23.2105	
F150 4X4	35TPD4	213	6	16	2	T	1	S10MS4	2	3.73	LTFCURNC06	50ST	5250	5250	20.2	20.2	5270	5270	7850	7850	25.7	25.7	159	23.2105	
F150 4X4	35TPD4	213	6	16	2	T	1	S10MS4	2	3.31	LTFCURNC06	50ST	5500	5500	18	21.7	5460	5564	7000	7050	22.8	24	20175	23.2105	
F150 4X4	35TPD4	213	6	16	2	T	1	S10MS4	2	3.55	LTFCURNC06	50ST	5500	5500	18	21.7	5460	5564	7000	7050	24.5	25.7	73154	23.2105	
F150 4X4	35TPD4	213	6	16	2	T	1	S10MS4	2	3.73	LTFCURNC06	50ST	5500	5500	19.9	21.3	5640	5659	7850	7850	25.7	25.7	244	23.0362	
EXPED 4X2	35TPDR	213	6	16	2	T	1	S10MSR	2	3.15	LTB8URNA07	50ST	6000	6000	16.4	17.2	5808	5808	7200	7200	21.7	21.8	11989	24.8097	
EXPED 4X2	35TPDR	213	6	16	2	T	1	S10MSR	2	3.31	LTB8URNA07	50ST	6000	6000	16.8	16.8	5808	5808	7200	7200	22.8	22.8	2385	24.8097	
EXPED 4X2	35TPDR	213	6	16	2	T	1	S10MSR	2	3.73	LTB8URNA07	50ST	6000	6000	16.4	17.2	5808	5808	7200	7225	25.7	26.1	6447		
EXPED MAX 4X2	35TPDR	213	6	16	2	T	1	S10MSR	2	3.31	LTB8URNA07	50ST	6000	6000	16.5	17.3	5937	5937	7350	7350	22.8	22.9	9271	24.8097	
EXPED MAX 4X2	35TPDR	213	6	16	2	T	1	S10MSR	2	3.73	LTB8URNA07	50ST	6000	6000	16.5	17.3	5937	5937	7350	7400	25.7	26.1	4601		
F150 4X2	35TPDR	213	6	16	2	T	1	S10MSR	2	3.15	LTFCURNC06	50ST	5000	5250	16.3	18.5	4882	5337	6750	7050	21.8	22.8	4029	23.2105	
F150 4X2	35TPDR	213	6	16	2	T	1	S10MSR	2	3.55	LTFCURNC06	50ST	5000	5250	16.3	19.6	4882	5337	6750	7050	24.6	25.7	5397	23.2105	
F150 4X2	35TPDR	213	6	16	2	T	1	S10MSR	2	3.73	LTFCURNC06	50ST	5000	5000	19.3	19.3	5052	5052	7850	7850	25.7	25.7	200	23.2105	
F150 4X2	35TPDR	213	6	16	2	T	1	S10MSR	2	3.73	LTFCURNC06	50ST	5500	5500	18.4	19.6	5397	5452	7850	7850	25.7	25.7	130	23.2105	
NAV 4X4	35TPRR	213	6	16	2	T	1	S10MS4	2	3.73	KT89URNA31	50ST	6500	6500	18.8	19.2	6374	6507	7650	7800	25.7	25.8	15641	22.7157	
NAV 4X2	35TPRR	213	6	16	2	T	1	S10MSR	2	3.73	KT89URNA31	50ST	6000	6000	17.4	17.8	6176	6176	7400	7400	25.7	25.8	875	22.9047	
NAV L 4X2	35TPRR	213	6	16	2	T	1	S10MSR	2	3.73	KT89URNA31	50ST	6500	6500	18.1	18.1	6272	6272	7520	7720	25.7	25.7	370	22.9047	
F150 FFV 4X4	5.0F-4	305	8	8	2	N	1	S10MS4	2	3.31	LTFCAVNA05	50ST	4750	4750	17.6	19	4870	4870	6400	6400	23.2	24	453	21.5407	16.3943
F150 FFV 4X4	5.0F-4	305	8	8	2	N	1	S10MS4	2	3.55	LTFCAVNA05	50ST	4750	4750	17.6	19	4870	4870	6400	6400	24.8	25.7	171	21.5407	16.3943
F150 FFV 4X4	5.0F-4	305	8	8	2	N	1	S10MS4	2	3.73	LTFCAVNA05	50ST	4750	4750	17.9	19.3	4870	4870	6400	6400	26.1	27	133	21.5407	16.3943
F150 FFV 4X4	5.0F-4	305	8	8	2	N	1	S10MS4	2	3.31	LTFCAVNA05	50ST	5000	5250	17.3	20.8	5024	5356	6950	7050	22.8	24	42844	21.5407	16.3943
F150 FFV 4X4	5.0F-4	305	8	8	2	N	1	S10MS4	2	3.55	LTFCAVNA05	50ST	5000	5250	17.3	20.8	5024	5356	6950	7050	24.5	25.7	28514	21.5407	16.3943
F150 FFV 4X4	5.0F-4	305	8	8	2	N	1	S10MS4	2	3.73	LTFCAVNA05	50ST	5000	5250	17.6	21	5024	5356	6950	7850	25.7	27	8499	21.5407	16.3943
F150 FFV 4X4	5.0F-4	305	8	8	2	N	1	S10MS4	2	3.31	LTFCAVNA05	50ST	5500	5500	18.2	20.4	5391	5391	7000	7000	22.8	24	741	21.5407	16.3943
F150 FFV 4X4	5.0F-4	305	8	8	2	N	1	S10MS4	2	3.55	LTFCAVNA05	50ST	5500	5500	18.2	21.5	5391	5391	7000	7000	24.5	25.7	208	21.5407	16.3943
F150 FFV 4X4	5.0F-4	305	8	8	2	N	1	S10MS4	2	3.73	LTFCAVNA05	50ST	5500	5500	18.5	21.3	5391	5504	7000	7850	25.7	27	483	21.5148	16.3685
F150 5.0F 2WD HD	5.0F-R	305	8	8	2	N	1	S10MSR	2	3.73	LTFCAVNA05	50ST	5000	5250	18	18.5	4970	5288	7850	7850	25.7	25.7	218	21.5407	16.3943
F150 FFV 4X2	5.0F-R	305	8	8	2	N	1	S10MSR	2	3.15	LTFCAVNA05	50ST	4500	4750	16.2	16.5	4565	4758	6200	6750	22.8	22.8	5654	23.0943	17.0818
F150 FFV 4X2	5.0F-R	305	8	8	2	N	1	S10MSR	2	3.31	LTFCAVNA05	50ST	4500	4750	16.2	16.5	4565	4758	6200	6750	24	24	431	23.0943	17.0818

Ford Motor Company  
Configuration Summary  
Light Truck

Attmt II  
Exh II  
Table 3

Carline	Engine Name	Disp Cub Inches	# Cyl	EPA Fuel Sys	EPA Eng Cfg	Aspir	Engine Type	Trans Class	OD	Axle Ratio	Calibration	App	Min ETW	Max ETW	Min TRLHP	Max TRLHP	Min LVW	Max LVW	Min GVWR	Max GVWR	Min N/V	Max N/V	Proj Sales <sup>c</sup>	Combined FE Fuel 1	Combined FE Fuel 2
F150 FFV 4X2	5.0F-R	305	8	8	2	N	1	S10MSR	2	3.55	LTFCAVNA05	50ST	4500	4750	16.2	16.5	4565	4758	6200	6750	25.7	25.7	220	21.5407	16.3943
F150 FFV 4X2	5.0F-R	305	8	8	2	N	1	S10MSR	2	3.15	LTFCAVNA05	50ST	5000	5250	15.9	17.1	5015	5136	6800	7000	21.8	22.8	10805	23.0943	17.0818
F150 FFV 4X2	5.0F-R	305	8	8	2	N	1	S10MSR	2	3.31	LTFCAVNA05	50ST	5000	5250	15.9	17.1	5015	5136	6800	7000	22.9	24	2695	23.0943	17.0818
F150 FFV 4X2	5.0F-R	305	8	8	2	N	1	S10MSR	2	3.55	LTFCAVNA05	50ST	5000	5250	15.9	17.1	5015	5136	6800	7000	24.6	25.7	2810	21.5407	16.3943
F150 FFV 4X2 LT	5.0F-R	305	8	8	2	N	1	S10MSR	2	3.15	LTFCAVNA05	50ST	4500	4750	17.9	18.3	4565	4758	6200	6750	22.8	22.8	9	23.0943	17.0818
F150 FFV 4X2 LT	5.0F-R	305	8	8	2	N	1	S10MSR	2	3.31	LTFCAVNA05	50ST	4500	4750	17.9	18.3	4565	4758	6200	6750	24	24	232	23.0943	17.0818
F150 FFV 4X2 LT	5.0F-R	305	8	8	2	N	1	S10MSR	2	3.55	LTFCAVNA05	50ST	4500	4750	17.9	18.3	4565	4758	6200	6750	25.7	25.7	6	21.5407	16.3943
F150 FFV 4X2 LT	5.0F-R	305	8	8	2	N	1	S10MSR	2	3.15	LTFCAVNA05	50ST	5000	5250	17.9	18.9	5015	5136	6800	7000	22.8	22.8	167	23.0943	17.0818
F150 FFV 4X2 LT	5.0F-R	305	8	8	2	N	1	S10MSR	2	3.31	LTFCAVNA05	50ST	5000	5250	17.9	18.9	5015	5136	6800	7000	24	24	189	23.0943	17.0818
F150 FFV 4X2 LT	5.0F-R	305	8	8	2	N	1	S10MSR	2	3.55	LTFCAVNA05	50ST	5000	5250	17.9	18.9	5015	5136	6800	7000	25.7	25.7	130	21.5407	16.3943

## **ADDENDUM TO PRECEDING EXHIBITS**

### **LIGHT-DUTY TRUCKS**

#### **Format Modifications**

Several format modifications have been made to this report. Reference 49 CFR §537.7(c)(3), "Other formats (such as copies of EPA reports) which contain all the required information in a readily identifiable form are also acceptable." To communize NHTSA reporting with EPA reporting, we are using several EPA codes in this report. For a description of these codes, please see Attachment I, Exhibit II, Table 5.

Requested data that is not specifically stated in the previous exhibits includes:

- For all truck line/configuration combinations, the response to the question of 49 CFR §537.7(c)(4)(xviii) [temporary living quarters] is "no".
- All transmissions have overdrive.
- All truck lines use three-way catalysts for emissions control.

#### **Optional Equipment**

Optional equipment that was considered is air conditioning, power steering, and anti-lock brakes. These are now standard on all carlines.

**Light Truck Classification  
49 CFR 523.5**

Attachment III  
Table 1

**(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	69.7	61.4
Ranger	SuperCab	6	Styleside	69.7	61.4
Ranger	SuperCab	6	Styleside	69.7	61.4
Ranger	SuperCrew	5	Styleside	57.9	57.5
Ranger	SuperCrew	5	Styleside	57.9	57.5
Ranger	SuperCrew	5	Styleside	57.9	57.5

**(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

Aviator

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	20.2	17.4	25.3	20.0	23.9	22.2
Escape FHEV	SUV	AWD	N/A	20.2	17.3	25.1	20.0	23.8	22.0
Lincoln Corsair	SUV	AWD	N/A	20.4	17.4	23.7	20.0	24.0	22.1
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	18.6	17.0	24.0	20.1	20.1	20.5

\*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.

## **FUEL ECONOMY METHODOLOGY USED IN PROJECTING CAFE VALUES**

### **DERIVED FUEL ECONOMY VALUES**

As provided for by 49 CFR §537.9 (a) (3), Ford has used analytically-derived fuel economy values, data substitutions, and best internal estimates where no EPA-approved or Ford test results exist at the appropriate sub-configuration level for minimum test requirements. These values were derived from a base configuration (ETW), axle ratio, road load horsepower, etc., and engineering judgment.



## ADDENDUM TO THE REPORT

The information contained in this report is, to the best of Ford's knowledge, accurate and complete. This report is filed subject to the following provisos:

- 49 CFR §537.7 (b) (3) requires that a manufacturer state whether the projected average fuel economy submitted herein pursuant to subsection (b) (2) sufficiently represents that manufacturer's average fuel economy for the current model year for purposes of the Act. Ford hereby represents that, to the best of its present knowledge and belief, it has followed the testing procedures and calculation methods required by EPA in computing fuel economy values for its automobiles and light trucks. Without waiving its right to later challenge any of the fuel economy testing procedures and methods, Ford further represents that projected CAFE values contained in the attachments are as sufficiently representative as practicable of Ford's passenger car and light truck CAFE values for the purposes of the Act, based on the projected sales volumes in the attachments and the relevant EPA test procedures and methods specified in 40 CFR, Part 600, Subpart F.
- Additional test data and/or analytical data may be substituted for data supplied herewith if warranted after further review and analysis. Such substitutions will be done in accordance with EPA guidelines and requirements.