

# Configurations

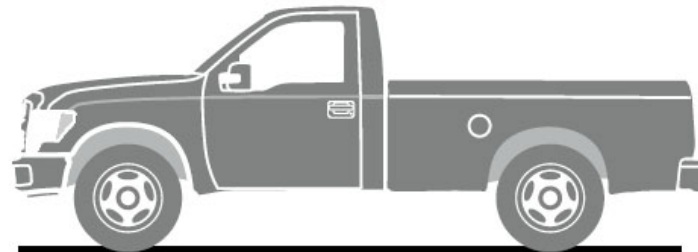
2018 F-150

## Specs

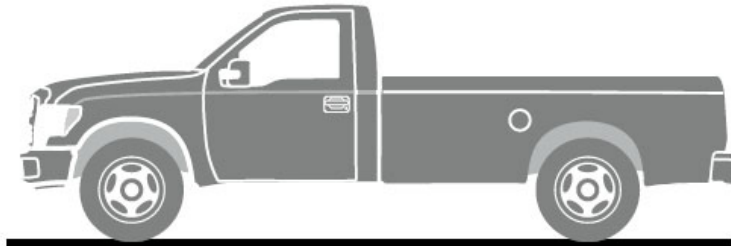
Drive	Cab Style	WB (in.)	Box Size (ft.)	XL	XLT	Lariat	King Ranch	Platinum	Limited
4x2	Regular	122.4	6.5	O	O	—	—	—	—
		141.1	8	O	O	—	—	—	—
	SuperCab	145.0	6.5	O	O	O	—	—	—
		163.7	8	O	O	O	—	—	—
	SuperCrew	145.0	5.5	O	O	O	O	O	O
		156.8	6.5	O	O	O	O	O	—
4x4	Regular	122.4	6.5	O	O	—	—	—	—
		141.1	8	O	O	—	—	—	—
	SuperCab	145.0	6.5	O	O	O	—	—	—
		163.7	8	O	O	O	—	—	—
	SuperCrew	145.0	5.5	O	O	O	O	O	O
		156.8	6.5	O	O	O	O	O	—

O = Optional

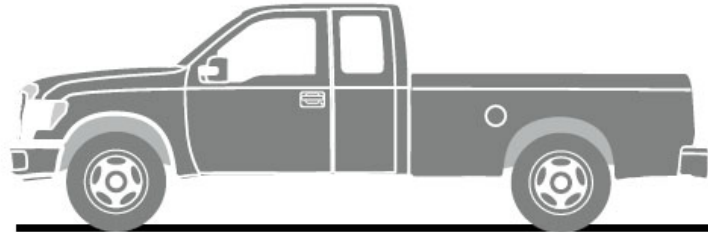
— = Not available



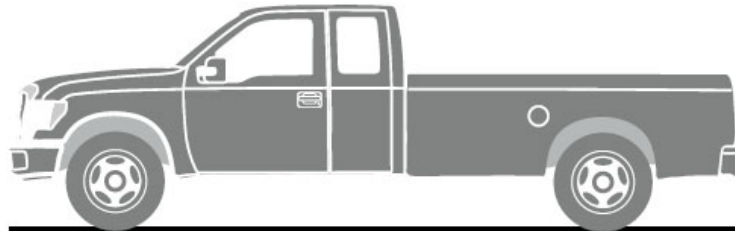
Regular Cab SWB  
122.4" WB 4x2 (6.5' box)  
122.4" WB 4x4 (6.5' box)



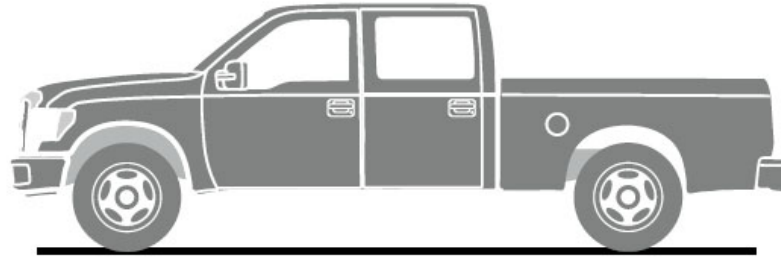
Regular Cab LWB  
141.1" WB 4x2 (8' box)  
141.1" WB 4x4 (8' box)



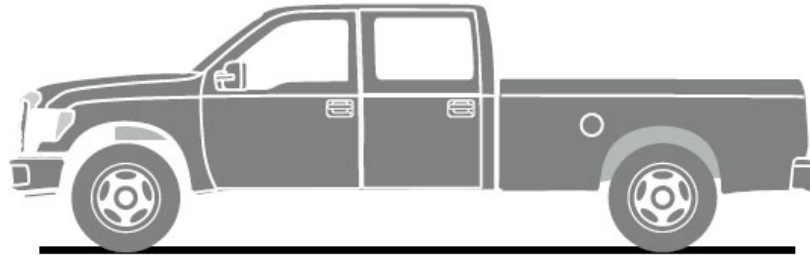
SuperCab SWB  
145.0" WB 4x2 (6.5' box)  
145.0" WB 4x4 (6.5' box)



SuperCab LWB  
163.7" WB 4x2 (8' box)  
163.7" WB 4x4 (8' box)



SuperCrew SWB  
145.0" WB 4x2 (5.5' box)  
145.0" WB 4x4 (5.5' box)

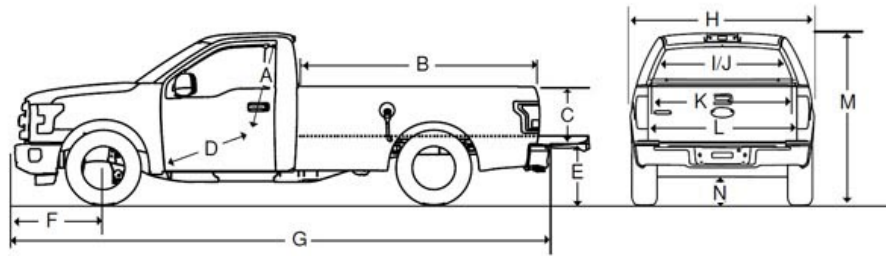


SuperCrew LWB  
156.8" WB 4x2 (6.5' box)  
156.8" WB 4x4 (6.5' box)

# Regular Cab

2018 F-150

[Specs](#) > Dimensions

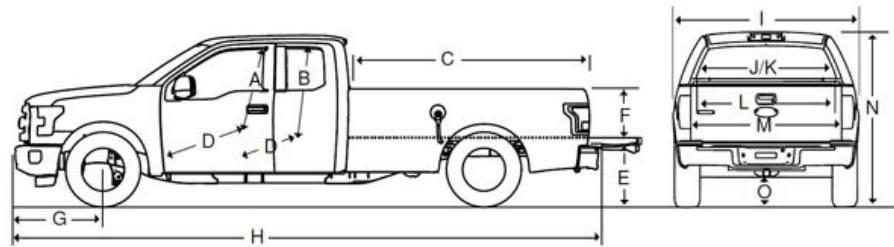


Drive		4x2		4x4	
Cargo Box (ft.)		6.5	8.0	6.5	8.0
Wheelbase (in.)		122.4	141.1	122.4	141.1
Code	Description (in.)				
A	Head Room	40.8	40.8	40.8	40.8
B	Inside Length <sup>(1)</sup> (at floor)	78.9	97.6	78.9	97.6
C	Inside Height <sup>(1)</sup>	21.4	21.4	21.4	21.4
D	Leg Room (maximum)	43.9	43.9	43.9	43.9
E	Open Tailgate to Ground (Empty) <sup>(2)</sup>	34.7	34.8	36.9	36.5
F	Front Overhang	37.8	37.8	37.8	37.8
G	Overall Length	209.3	227.9	209.3	227.9
H	Width (Max.) (excluding mirrors)	79.9	79.9	79.9	79.9
I	Shoulder Room	66.7	66.7	66.7	66.7
J	Hip Room	62.5	62.5	62.5	62.5
K	Width Between Wheelhouses <sup>(1)</sup>	50.6	50.6	50.6	50.6
L	Max. Load Width <sup>(1)</sup> (at floor)	65.2	65.2	65.2	65.2
M	Cab Height (Empty) <sup>(2)</sup>	75.5	75.1	76.9	76.9
N	Ground Clearance	8.8	8.6	9.4	9.4

(1) Pickup box. Also refer to Pickup Box Dimensions.

(2) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

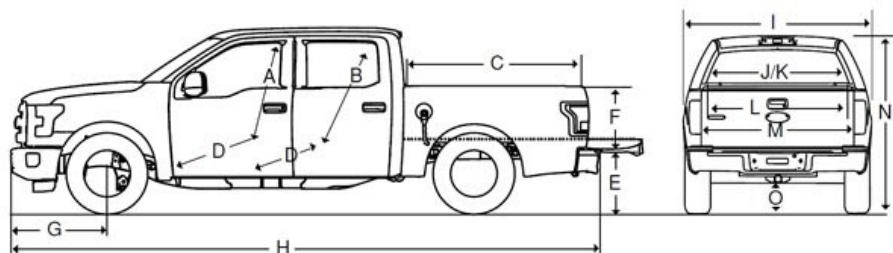


Drive		4x2		4x4	
Cargo Box (ft.)		6.5	8.0	6.5	8.0
Wheelbase (in.)		145.0	163.7	145.0	163.7
Code	Description (in.)				
A	Head Room (Front)	40.8	40.8	40.8	40.8
B	Head Room (Rear)	40.3	40.3	40.3	40.3
C	Inside Length <sup>(1)</sup> (at floor)	78.9	97.6	78.9	97.6
D	Leg Room (Front) (maximum)	43.9	43.9	43.9	43.9
	Leg Room (Rear)	33.5	33.5	33.5	33.5
E	Open Tailgate to Ground (Empty) <sup>(2)</sup>	34.1	34.5	35.9	35.7
F	Inside Height <sup>(1)</sup>	21.4	21.4	21.4	21.4
G	Front Overhang	37.8	37.8	37.8	37.8
H	Overall Length	231.9	250.5	231.9	250.5
I	Width (Max.) (excluding mirrors)	79.9	79.9	79.9	79.9
J	Shoulder Room (Front)	66.7	66.7	66.7	66.7
	Shoulder Room (Rear)	65.8	65.8	65.8	65.8
K	Hip Room (Front)	62.5	62.5	62.5	62.5
	Hip Room (Rear)	64.7	64.7	64.7	64.7
L	Width Between Wheelhouses <sup>(1)</sup>	50.6	50.6	50.6	50.6
M	Max. Load Width <sup>(1)</sup> (at floor)	65.2	65.2	65.2	65.2
N	Cab Height (Empty) <sup>(2)</sup>	75.5	75.5	77.2	77.0
O	Ground Clearance	8.7	8.7	9.4	9.3

(1) Pickup box. Also refer to Pickup Box Dimensions.

(2) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.



Drive		4x2		4x4	
Cargo Box (ft.)		5.5	6.5	5.5	6.5
Wheelbase (in.)		145.0	156.8	145.0	156.8
Code	Description (in.)				
A	Head Room (Front)	40.8	40.8	40.8	40.8
B	Head Room (Rear)	40.4	40.4	40.4	40.4
C	Inside Length <sup>(1)</sup> (at floor)	67.1	78.9	67.1	78.9
D	Leg Room (Front) (maximum)	43.9	43.9	43.9	43.9
	Leg Room (Rear)	43.6	43.6	43.6	43.6
E	Open Tailgate to Ground (Empty) <sup>(2)</sup>	34.0	34.6	35.7	36.1
F	Inside Height <sup>(1)</sup>	21.4	21.4	21.4	21.4
G	Front Overhang	37.8	37.8	37.8	37.8
H	Overall Length	231.9	243.7	231.9	243.7
I	Width (Max.) (excluding mirrors)	79.9	79.9	79.9	79.9
J	Shoulder Room (Front)	66.7	66.7	66.7	66.7
	Shoulder Room (Rear)	65.9	65.9	65.9	65.9
K	Hip Room (Front)	62.5	62.5	62.5	62.5
	Hip Room (Rear)	64.7	64.7	64.7	64.7
L	Width Between Wheelhouses <sup>(1)</sup>	50.6	50.6	50.6	50.6
M	Max. Load Width <sup>(1)</sup> (at floor)	65.2	65.2	65.2	65.2
N	Cab Height (Empty) <sup>(2)</sup>	75.6	75.7	77.2	77.3
O	Ground Clearance	8.5	8.4	9.4	9.3

(1) Pickup box. Also refer to Pickup Box Dimensions.

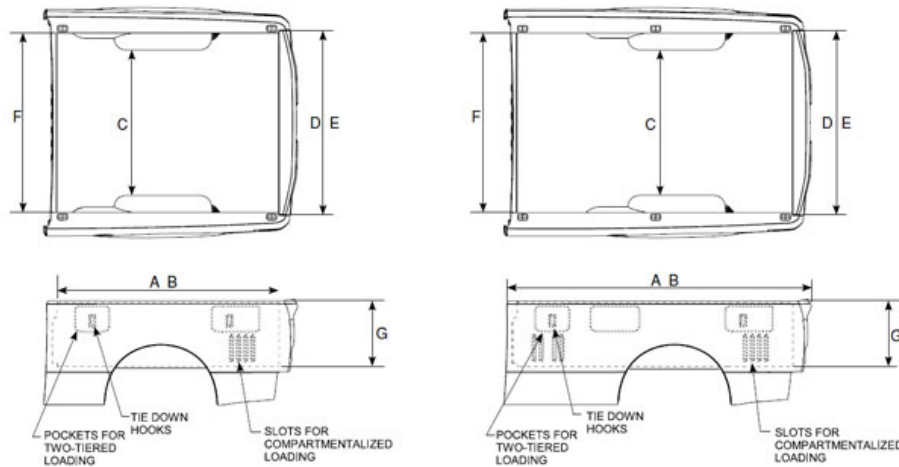
(2) The height data shown represents dimensions of a nominal vehicle with no options. Actual height may vary due to production tolerances.

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

# Pickup Box Dimensions

2018 F-150

[Specs](#) > Dimensions



Box Size (ft.)		5.5 <sup>(1)</sup>	6.5 <sup>(2)</sup>	8.0 <sup>(3)</sup>
Code	Description (in.)			
A	Cargo Box Inside Length @ Floor	67.1	78.9	97.6
B	Cargo Box Length @ Top	65.4	77.2	95.9
C	Cargo Width @ Wheelhouse	50.6	50.6	50.6
D	Rear Opening Width @ Floor	60.3	60.3	60.3
E	Rear Opening Width @ Top	60.3	60.3	60.3
F	Cargo Body Maximum Inside Width	65.2	65.2	65.2
G	Cargo Body Height with Molding	21.4	21.4	21.4
	Cargo Box Volume <sup>(4)</sup>	52.8	62.3	77.4

(1) On 145.0" wheelbase SuperCrew.

(2) On 122.4" wheelbase Regular Cab, 145.0" wheelbase SuperCab and 156.8" wheelbase SuperCrew.

(3) On 141.1" wheelbase Regular Cab and 163.7" wheelbase SuperCab.

(4) Does not include allowances for wheelhouses.

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Regular Cab

2018 F-150

[Specs](#) > Interior Volume

Cab Position	Volume (cu. ft.)
Front Passenger	64.6
Cargo Volume Behind First Row	12.1

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## SuperCab

2018 F-150

[Specs](#) > Interior Volume

Cab Position	Volume (cu. ft.)	
	6.5-ft. box	8.0-ft. box
Front Passenger	64.6	64.6
Rear Passenger	51.4	51.4
Total Passenger	116.0	116.0
Cargo Volume Behind First Row Rear-seat Cushion Folded Up	31.6	31.6

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## SuperCrew

2018 F-150

[Specs](#) > Interior Volume

Cab Position	Volume (cu. ft.)	
	5.5-ft. box	6.5-ft. box
Front Passenger	64.6	64.6
Rear Passenger	67.1	67.1
Total Passenger	131.8	131.8
Cargo Volume Behind First Row Rear-seat Cushion Folded Up	51.9	51.9

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.



## Regular Cab

2018 F-150

[Specs](#) > Fuel Tank Capacity

Wheelbase (in.)	Location	Capacity (gallons)	
		Standard	Available
122.4 (4x2/4x4)	Midship	23.0	—
141.1 (4x2/4x4)	Midship	23.0	36.0

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## SuperCab

2018 F-150

[Specs](#) > Fuel Tank Capacity

Wheelbase (in.)	Location	Capacity (gallons)	
		Standard	Available
145.0 (4x2/4x4)	Midship	23.0	36.0
163.7 (4x2/4x4)	Midship	23.0	36.0

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## SuperCrew

2018 F-150

[Specs](#) > Fuel Tank Capacity

Wheelbase (in.)	Location	Capacity (gallons)	
		Standard	Available
145.0 (4x2/4x4)	Midship	23.0	36.0
156.8 (4x2/4x4)	Midship	23.0	36.0

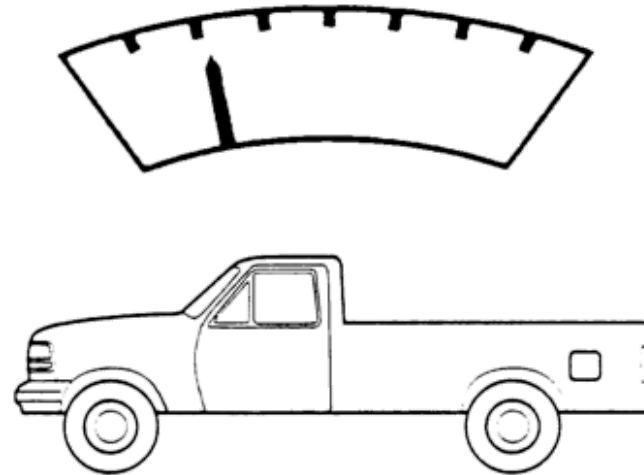
**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Base Curb Weight

2018 F-150

[Specs](#) > General Truck Payload Information

- The weight of the vehicle including standard equipment, oil, lubricants and a full tank of fuel. It does not include the weight of driver, passengers, cargo or any optional or aftermarket equipment
- **Base curb weights for each engine/standard equipment transmission combination are listed in the Weight Ratings pages of each vehicle section (see Maximum Payload Weight Ratings for reference)**
- Actual Regular Production Option Content Weights can be found in the charts under Actual Regular Production Option Content Weights

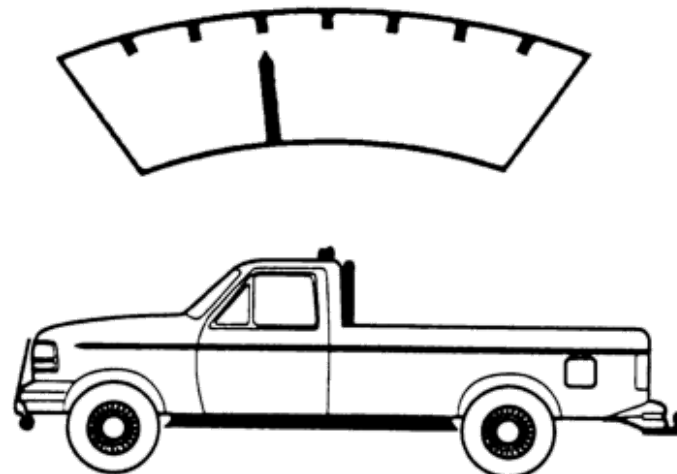


## Option Weights

2018 F-150

[Specs](#) > General Truck Payload Information

The weight of any added equipment that is not included in the base curb weight.

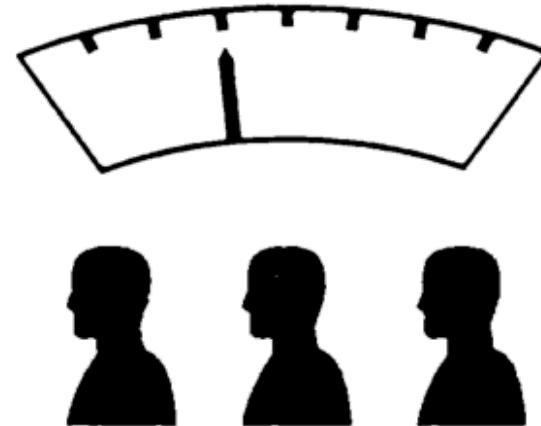


## Passenger Weight

2018 F-150

[Specs](#) > General Truck Payload Information

Defined as 150 lbs. multiplied by the number of safety-belted seating positions, including the driver, that the vehicle can carry.

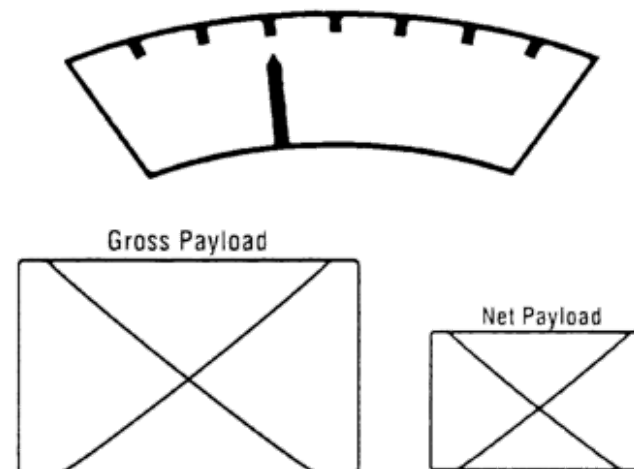


## Payload

2018 F-150

[Specs](#) > General Truck Payload Information

- Maximum payload is defined as the weight of all passengers, optional and aftermarket equipment, and cargo
- Net payload is defined as the weight that can be placed in the truck after subtracting for driver, passengers, and optional and aftermarket equipment

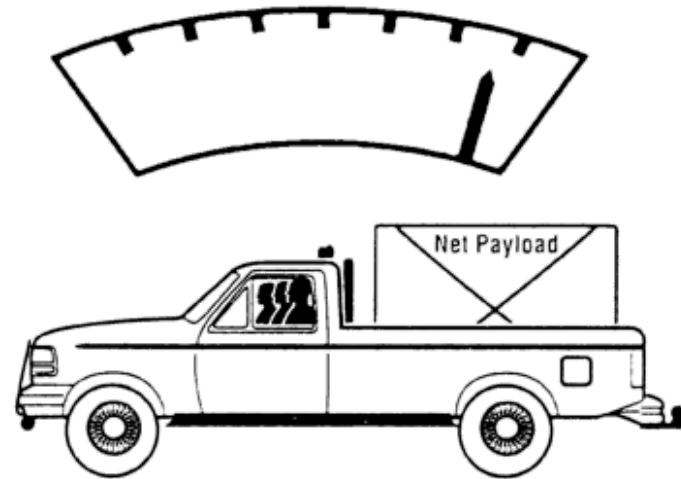


## Gross Vehicle Weight (GVW)

2018 F-150

[Specs](#) > General Truck Payload Information

The weight of the vehicle including driver, passengers, optional and aftermarket equipment, and all cargo.

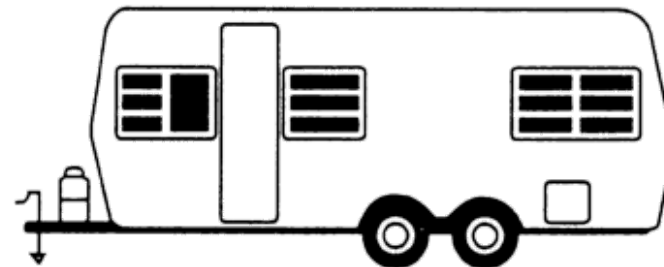


## Trailer Weight

2018 F-150

[Specs](#) > General Truck Payload Information

The weight of a fully loaded trailer, including all attachments, lights, etc.

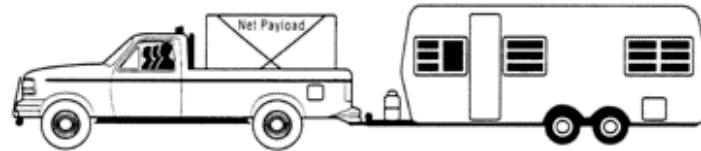


## Gross Combination Weight (GCW)

2018 F-150

[Specs](#) > General Truck Payload Information

Gross vehicle weight plus the trailer weight.



## Gross Axle Weight

2018 F-150

[Specs](#) > General Truck Payload Information

The total weight placed on each axle of the vehicle (front and rear).

## Tongue Weight

2018 F-150

[Specs](#) > General Truck Payload Information

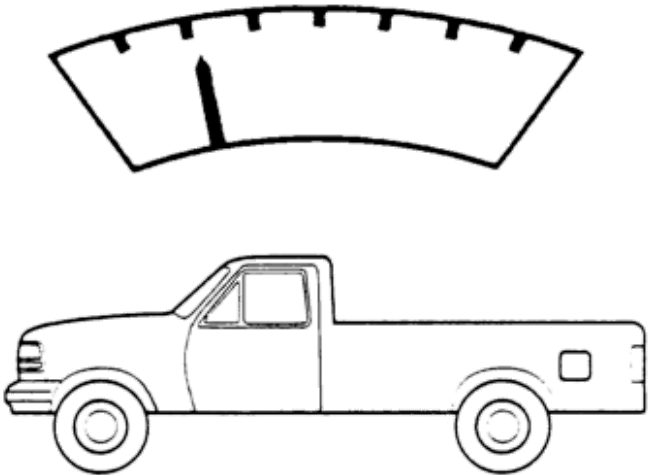
The amount of the trailer's weight that bears down on the trailer hitch (10 to 15 percent of the total loaded conventional trailer weight or 15 to 25 percent of the total loaded 5th-wheel trailer weight).

# Weight Distribution

2018 F-150

[Specs](#) > General Truck Payload Information

That portion of a vehicle's total weight that will be supported by each axle and each tire. Proper distribution of vehicle weight is critical to braking, handling and to the service life of components such as axles, springs, bearings and tires.



# Maximum Payload Weight Rating

2018 F-150

[Specs](#) > General Truck Payload Information

This is the advertised payload rating. It is the maximum allowable payload for the truck, including driver, passengers, optional and aftermarket equipment, and cargo. The weight of the engine and its standard transmission is already factored into the Maximum Payload Weight Rating. If the engine is also available with an optional transmission, that engine/transmission weight can be found in the Actual Regular Production Option Content Weight charts.

Vehicle Payload Calculation	Front/Total (lb.)
Maximum Payload Weight Rating <sup>(1)</sup>	___/___
Less Total Actual Regular Production Option Content Weight (from Line A, Payload/GVWR Worksheet)	___/___
Equals Net Total Vehicle Payload (Front and rear axles and spring capacities will be sufficient to carry this payload uniformly distributed in vehicle cargo area)	___/___

(1) Weight for driver and passengers must be deducted. Refer to the individual vehicle weight rating pages for maximum payload weight ratings. Refer to Regular Production Option Content Weight.

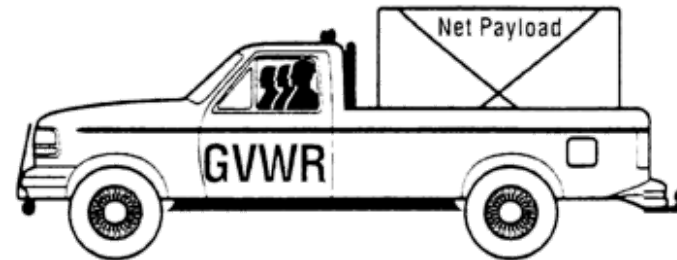
**NOTE:** Front springs are computer-selected to meet specific option requirements for each vehicle; HD front springs are standard if vehicle option weights require.

## Gross Vehicle Weight Rating (GVWR)

2018 F-150

[Specs](#) > General Truck Payload Information

The maximum allowable weight of the fully loaded vehicle (including passengers and cargo).



## Gross Axle Weight Rating (GAWR)

2018 F-150

[Specs](#) > General Truck Payload Information

The maximum allowable weight to be placed on an individual axle (front or rear). Gross Axle Weight Ratings are provided for both front and rear axles.

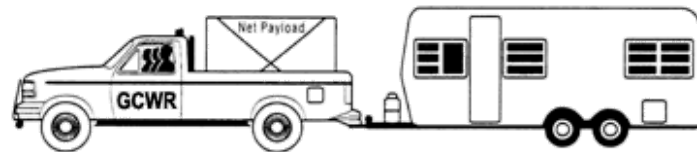
## Gross Combination Weight Rating (GCWR)

2018 F-150

[Specs](#) > General Truck Payload Information

The maximum allowable weight of the towing vehicle, the trailer and all associated passengers, cargo and equipment.

The point to remember is that the actual weights should never exceed the listed weight ratings. And remind your customers that if they do exceed the recommended weight ratings, they could disqualify their warranty coverage.

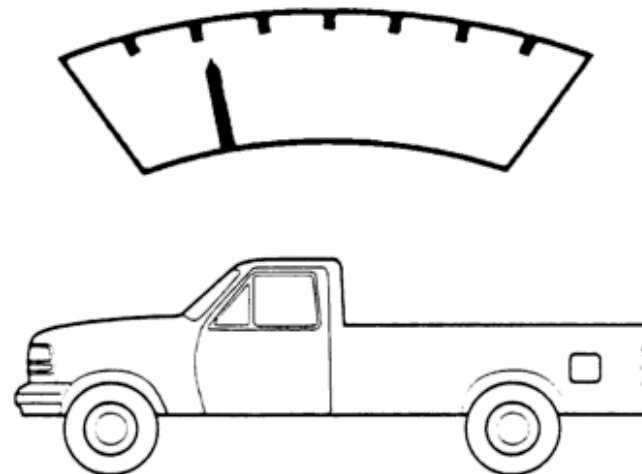


## Maximum Payload Weight Ratings

2018 F-150

[Specs](#) > General Truck Payload Information

The Payload Weight Ratings and the Accessory Reserve Capacity<sup>(1)</sup> (ARC) or maximum allowable weight for regular production option charts are published and can be found in the weight ratings pages of the individual vehicle sections. This information is grouped together with other model, engine/transmission and maximum gross vehicle weight rating (GVWR) data for ease of use.



<sup>(1)</sup> Accessory Reserve Capacity (ARC) weight is the maximum allowable weight for regular production options and aftermarket equipment for models with standard equipment and the indicated engine/transmission combination.



# Accessory Reserve Capacity (ARC) Calculation

2018 F-150

[Specs](#) > General Truck Payload Information

This section provides the information needed to calculate the effect that vehicle options have on the payload capacity of Ford light trucks.

This information is useful to customers who plan to add aftermarket accessories or haul cargo at or near the vehicle's maximum capacity.

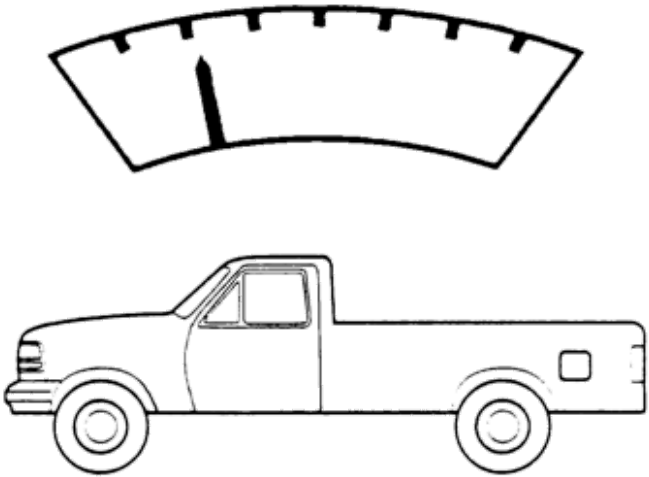
This section includes charts for each series, listing the maximum allowable weights for each GVWR.

## Accessory Reserve Capacity

You can help prospective buyers estimate the total weight of accessories, equipment and modifications that may be added to the completed vehicle.

Ford vehicles are certified for compliance with the following FMVSS (Federal Motor Vehicle Safety Standards) or CMVSS (Canadian Motor Vehicle Safety Standards):<sup>(1)</sup>

- 204 — Steering Column Rearward Displacement
- 208 — Occupant Crash Protection
- 212 — Windshield Mounting
- 219 — Windshield Zone Intrusion
- 301 — Fuel System Integrity
- 303 — CNG Fuel System Integrity  
(Canadian Standard 301.2)



The total added accessory weight must not exceed the allowable weight shown in the tables. You should make retail customers who intend to modify or install accessories or equipment aware of this fact.

If the modification or installation of accessories or equipment causes the unloaded weight of the vehicle, as revised with the added equipment, to exceed the test vehicle weight, the U.S. vehicle alterer<sup>(2)</sup> may be responsible to certify the altered vehicle according to Title 49, Code of Federal Regulations 567.7 and 568.8. A Canadian vehicle alterer may be responsible to certify the altered vehicle according to Section 6 of the Canadian Motor Vehicle Safety Regulations.

In this section, each vehicle has a worksheet that addresses Total Accessory Reserve Capacity only. It does not consider Front Axle Accessory Reserve Capacity and does not include DSO option weights in the calculations.

(1) Ford Motor Company's certification of compliance with FMVSS/CMVSS is based on specific vehicle test weights. These standards are applicable to completed vehicles of 10,000-lb. GVWR or less. Maximum allowable weights shown in the tables for vehicles above 10,000-lb. GVWRs are maximum recommended values for optimum performance, durability and customer satisfaction.

(2) The same procedure to estimate the "Total Accessory Reserve Capacity" is recommended to completed vehicle alterers in Canada.

To approximate the amount of accessory equipment or modification weight that can be added to a Ford light truck without exceeding the test vehicle weight, calculate an estimated Total Accessory Reserve Capacity as follows:

1. Determine the "Total Actual Regular Production Option Content Weight" of the desired regular production options from the corresponding Accessory Reserve Capacity Calculation/Worksheet on the following page.
2. Subtract the "Total Actual Regular Production Option Content Weight" from the "Maximum Allowable Weight (Regular Production Options & Aftermarket Equipment)" for the appropriate model. The difference is the estimated "Total Accessory Reserve Capacity."

	Maximum Allowable Weight (Regular Production Options & Aftermarket Equipment)
-	Total Actual Regular Production Option Content Weight
=	Total Accessory Reserve Capacity

(See Accessory Reserve Capacity (ARC) Calculation/Worksheet for example.)

**Warning:** The Accessory Reserve Capacity weight information addresses FMVSS and CMVSS Nos. 204, 208, 212, 219, 301 and 303 compliance only. For all light-duty trucks with a GVW rating under 8500 lbs., federally certified trucks with a GVW rating of 8500 to 10,000 lbs. that are optionally emission certified to light-duty standards and all California complete vehicles with a GVW rating of 14,000 lbs. or less, if more than 500 lbs. is added to the vehicle's "maximum vehicle weight,"<sup>(1)</sup> the modifier may be responsible for recertification to the applicable EPA or CARB emissions standards.

(1) **Important:** "Maximum vehicle weight" is calculated in accordance with the definition provided in an EPA guidance letter dated July 13, 1979, from C.N. Freed of the EPA to M.H. McBride, legal counsel of the Recreation Vehicle Industry Association. The preceding conditions are based on that letter and on EPA Advisory Circular No. 64 — a March 7, 1977, publication that provides guidance on the need for separate certification of vehicles modified after original manufacture, but prior to sale and delivery to the ultimate purchaser. Additional guidance or questions concerning EPA's policies with respect to alterers of completed vehicles should be directed to legal counsel or the Environmental Protection Agency.

Truck “Nominal Tonnage”

2018 F-150

[Specs](#) > General Truck Payload Information

“Nominal Tonnage” is a term that Ford and other manufacturers have historically used to generally categorize the load capacity of a vehicle series; it is not a term defined by federal or state law.

Our COV (Certificate of Origin for a Vehicle) includes each particular vehicle's shipping weight as well as the vehicle's gross vehicle weight rating or GVWR (from which one can determine the particular vehicle's rated carrying capacity, including driver, passengers, fluids, body upfit [if applicable] and aftermarket accessories). The COV also includes the vehicle's “Nominal Tonnage.”

“Nominal Tonnage” provides the general usable cargo capability that most (but not all) of the vehicles with the designated nominal tonnage can expect to handle. That is, nominal tonnage states the general load capacity for each vehicle series, although particular vehicles may have a higher (or in some circumstances, lower) load capacity based on the specifications of the particular vehicle.

Relevant Vehicle Series/Nominal Tonnage Relationship Categories	
Nominal Tonnage	Vehicle
½	F-150, Transit Connect
¾	E-350 Cutaway/Stripped Chassis, Transit-150 Cargo Van/Passenger Wagon, Transit-250 Cargo Van, Transit-350 Cargo Van/Passenger Wagon, Transit-250/350 Cutaway/Chassis Cab, F-250 Pickup
1	E-450 Cutaway/Stripped Chassis, F-350 Pickup, F-350 Chassis Cab
1½	Transit-350 Cargo Van/Passenger Wagon, Transit-350 Cutaway/Chassis Cab, F-450 Pickup, F-450 Chassis Cab
2	F-550 Chassis Cab

F-150 Styleside Pickup – GVWR/Payload/OPT &  
ARC/GAWR (Front Computer-Selected)/Base Curb  
Weight

2018 F-150

Specs

Cab Style/Drive/WB (in.)	Engine	Max. GVWR (lbs.)	Max. Payload (lbs.) <sup>(1)</sup>	Max. Option Weight/ Max. Total ARC Weight (lbs.) <sup>(2)</sup>	Max. Std. Spring Select GAWR (lbs.) <sup>(3)</sup>		Base Curb Weight (lbs.)		
					Front	Rear	Front	Rear	Total
Regular Cab 4x2 122.4	3.3L Ti-VCT V6	6100	1990	341/593	3000	3350	2382	1687	4069
	2.7L EcoBoost	6070	1860	342/606	3000	3350	2464	1702	4166
	5.0L Ti-VCT	6200	1900	344/596	2850	3800	2482	1771	4253
Regular Cab 4x2 141.1	3.3L Ti-VCT V6	6170	1950	416/663	3000	3350	2485	1692	4177
	2.7L EcoBoost	6220	1910	436/698	3150	3350	2560	1698	4258
	2.7L EcoBoost <sup>(4)</sup>	6900	2470	411/646	3150	4050	2612	1772	4384
	5.0L Ti-VCT	6750	2340	432/707	3150	3800	2638	1723	4361
	3.5L EcoBoost	7050	2610	441/742	3225	4050	2671	1720	4391
	5.0L Ti-VCT <sup>(5)</sup>	7600	3040	310/573	3400	4550	2697	1812	4509
	5.0L Ti-VCT <sup>(6)</sup>	7850	3270	357/622	3400	4800	2700	1827	4527
	3.5L EcoBoost <sup>(5)</sup>	7600	3000	297/530	3400	4550	2707	1842	4549
	3.5L EcoBoost <sup>(6)</sup>	7850	3230	347/583	3400	4800	2710	1857	4567
SuperCab 4x2 145.0	3.3L Ti-VCT V6	6300	1840	568/864	3225	3350	2561	1854	4415
	2.7L EcoBoost	6400	1860	647/946	3375	3350	2648	1847	4495
	2.7L EcoBoost <sup>(4)</sup>	6750	2120	622/917	3375	3800	2671	1904	4575
	5.0L Ti-VCT	6900	2320	643/991	3450	3800	2679	1854	4533
	3.5L EcoBoost	6900	2260	653/975	3450	3800	2697	1892	4589
SuperCab 4x2 163.7	2.7L EcoBoost	6500	1800	648/873	3500	3350	2741	1903	4644
	2.7L EcoBoost <sup>(4)</sup>	6900	2170	622/915	3600	3800	2785	1892	4677
	5.0L Ti-VCT	7000	2290	643/971	3600	3800	2789	1865	4654
	3.5L EcoBoost	7050	2250	653/950	3650	4050	2834	1912	4746
	5.0L Ti-VCT <sup>(5)</sup>	7600	2740	351/669	3750	4550	2846	1957	4803
	5.0L Ti-VCT <sup>(6)</sup>	7850	2980	516/834	3750	4800	2849	1972	4821
	3.5L EcoBoost <sup>(5)</sup>	7600	2710	337/625	3750	4550	2855	1977	4832
	3.5L EcoBoost <sup>(6)</sup>	7850	2950	504/792	3750	4800	2858	1992	4850
SuperCrew 4x2 145.0	3.3L Ti-VCT V6	6280	1700	551/782	3225	3350	2604	1925	4529

	2.7L EcoBoost	6360	1710	641/838	3375	3350	2671	1931	4602
	2.7L EcoBoost <sup>(4)</sup>	6650	1940	615/876	3375	3800	2691	1968	4659
	5.0L Ti-VCT	6800	2140	636/980	3375	3800	2692	1914	4606
	3.5L EcoBoost <sup>(7)</sup>	6750	1690	324/504	3300	3800	2886	2117	5003
	3.5L EcoBoost	6750	2040	679/881	3375	3800	2703	1952	4655
SuperCrew 4x2 156.8	2.7L EcoBoost	6500	1820	655/909	3450	3350	2745	1882	4627
	2.7L EcoBoost <sup>(4)</sup>	6800	2060	630/907	3450	3800	2745	1940	4685
	5.0L Ti-VCT	6950	2260	651/1004	3450	3800	2748	1891	4639
	3.5L EcoBoost	7000	2240	694/895	3525	3800	2784	1927	4711
	5.0L Ti-VCT <sup>(5)</sup>	7600	2660	331/621	3750	4550	2866	2018	4884
	5.0L Ti-VCT <sup>(6)</sup>	7850	2890	518/808	3750	4800	2869	2033	4902
	3.5L EcoBoost <sup>(5)</sup>	7600	2630	318/577	3750	4550	2871	2040	4911
	3.5L EcoBoost <sup>(6)</sup>	7850	2870	506/766	3750	4800	2874	2055	4929
Regular Cab 4x4 122.4	3.3L Ti-VCT V6	6120	1740	306/545	3000	3350	2576	1754	4330
	2.7L EcoBoost	6210	1730	320/562	3150	3350	2669	1767	4436
	5.0L Ti-VCT	6400	1830	349/601	3150	3800	2727	1790	4517
Regular Cab 4x4 141.1	3.3L Ti-VCT V6	6390	1920	391/618	3225	3350	2718	1700	4418
	2.7L EcoBoost	6500	1910	416/628	3300	3350	2827	1714	4541
	2.7L EcoBoost <sup>(4)</sup>	6800	2110	391/616	3375	3800	2859	1777	4636
	5.0L Ti-VCT	6950	2290	449/714	3375	3800	2845	1768	4613
	3.5L EcoBoost	7050	2350	421/699	3375	4050	2837	1816	4653
	5.0L Ti-VCT <sup>(5)</sup>	7600	2810	332/585	3400	4550	2905	1837	4742
	5.0L Ti-VCT <sup>(6)</sup>	7850	3040	378/633	3750	4800	2908	1852	4760
	3.5L EcoBoost <sup>(5)</sup>	7600	2780	318/541	3400	4550	2905	1858	4763
	3.5L EcoBoost <sup>(6)</sup>	7850	3000	368/575	3750	4800	2927	1873	4800
SuperCab 4x4 145.0	3.3L Ti-VCT V6	6500	1780	548/797	3450	3350	2795	1873	4668
	2.7L EcoBoost	6500	1640	640/775	3570	3350	2902	1903	4805
	2.7L EcoBoost <sup>(4)</sup>	7000	2110	607/877	3600	3800	2908	1925	4833
	5.0L Ti-VCT	7050	2200	666/988	3600	3800	2912	1886	4798
	3.5L EcoBoost	7050	2150	638/939	3650	3800	2926	1925	4851
SuperCab 4x4 163.7	5.0L Ti-VCT	7000	2020	669/977	3680	3800	2913	2016	4929
	3.5L EcoBoost	7050	1980	638/916	3680	4050	2920	2096	5016
	5.0L Ti-VCT <sup>(5)</sup>	7600	2500	372/680	3750	4550	3002	2046	5048
	5.0L Ti-VCT <sup>(6)</sup>	7850	2730	542/851	3750	4800	3005	2061	5066

SuperCrew 4x4 145.0	3.5L EcoBoost <sup>(5)</sup>	7600	2470	358/636	3750	4550	3008	2064	5072
	3.5L EcoBoost <sup>(6)</sup>	7850	2700	530/809	3750	4800	3011	2079	5090
	3.3L Ti-VCT V6	6500	1680	538/744	3450	3350	2825	1944	4769
	2.7L EcoBoost	6500	1690	623/822	3570	3350	2904	1954	4858
	2.7L EcoBoost <sup>(4)</sup>	6900	1950	601/853	3600	3800	2911	1990	4901
	5.0L Ti-VCT	7000	2080	659/981	3600	3800	2918	1949	4867
	3.5L EcoBoost <sup>(7)</sup>	6750	1430	334/368	3525	3800	3112	2153	5265
SuperCrew 4x4 156.8	3.5L EcoBoost	7000	2030	665/866	3600	3800	2929	1988	4917
	5.0L Ti-VCT	7050	2080	673/1010	3650	3800	2983	1929	4912
	3.5L EcoBoost	7050	2030	676/877	3680	3800	2996	1968	4964
	5.0L Ti-VCT <sup>(5)</sup>	7600	2410	352/609	3750	4550	3101	2032	5133
	5.0L Ti-VCT <sup>(6)</sup>	7850	2640	545/726	3750	4800	3104	2047	5151
	3.5L EcoBoost <sup>(5)</sup>	7600	2390	339/588	3750	4550	3102	2051	5153
	3.5L EcoBoost <sup>(6)</sup>	7850	2620	533/714	3750	4800	3105	2066	5171

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by available equipment weight.

(2) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment. Accessory Reserve Capacity (ARC) for models with standard equipment and the engine/transmission combination indicated.

(3) Gross Axle Weight Rating (GAWR) is determined by the rated capacity of the minimum component of the axle system (axle, computer-selected springs, wheels, tires) of a specific vehicle. Front and rear GAWRs will, in all cases, sum to a number equal to or greater than the GVWR for the particular vehicle. Maximum loaded vehicle (including passengers, equipment and payload) cannot exceed the GVWR.

(4) Ratings based on 2.7L EcoBoost V6 Payload Package (622).

(5) Ratings based on 17" tire/wheel. Refer to the Heavy-Duty Payload Package (627) for details.

(6) Ratings based on 18" tire/wheel. Refer to the Heavy-Duty Payload Package (627) for details.

(7) Limited model.

**NOTE:** Refer to Standard Equipment for Standard Powertrain/Chassis Equipment Specifications.

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

# Actual Regular Production Option Content Weight

2018 F-150

## Specs

Option Weight		(Front/Total) (lbs.)
<b>TIRES:</b>		
P245/70R17 (All-season)		(0/0)
P265/70R17 (All-terrain OWL)		(0/0)
P265/60R18 (All-season OWL) (4x2) (Regular Cab)		(8/17)
P265/60R18 (All-season OWL) (4x2) (SuperCab)		(8/17)
P265/60R18 (All-season OWL) (4x2) (SuperCrew)		(8/17)
LT275/65R18 (All-terrain OWL)		(22/43)
P275/55R20 (All-season OWL) (4x2) (SuperCab)		(15/29)
P275/55R20 (All-season OWL) (4x2) (SuperCrew)		(15/29)
P275/55R20 (All-terrain OWL) (4x4) (SuperCab)		(7/14)
P275/55R20 (All-terrain OWL) (4x4) (SuperCrew)		(7/14)
LT245/70R17D (All-terrain BSW) (Regular Cab/SuperCab) (SuperCrew)		(28/56) (28/56)
LT275/65R18C (All-terrain OWL) (4x4) (SuperCab) (SuperCrew)		(3/6) (11/23)
<b>TRIM:</b>		
XL 4x2 (Regular Cab)		(0/0)
XL 4x2 (SuperCab)		(0/0)
XL 4x2 (SuperCrew)		(0/0)
XL 4x4 (Regular Cab)		(0/0)
XL 4x4 (SuperCab)		(0/0)
XL 4x4 (SuperCrew)		(0/0)
XLT 4x2 (Regular Cab)		(8/15)
XLT 4x2 (SuperCab)		(1/2)
XLT 4x2 (SuperCrew)		(1/2)
XLT 4x4 (Regular Cab)		(6/11)
XLT 4x4 (SuperCab)		(5/9)
XLT 4x4 (SuperCrew)		(5/9)
Lariat 4x2 (SuperCab)		(12/19)
Lariat 4x2 (SuperCrew)		(12/19)
Lariat 4x4 (SuperCab)		(12/19)

Lariat 4x4 (SuperCrew)	(12/19)
King Ranch 4x2 (SuperCrew)	(10/16)
King Ranch 4x4 (SuperCrew)	(12/20)
Limited 4x2 (SuperCrew)	(13/23)
Limited 4x4 (SuperCrew)	(13/23)
Platinum 4x2 (SuperCrew)	(12/19)
Platinum 4x4 (SuperCrew)	(13/24)
FX4 Off-Road Package	TBA/TBA
Lariat Chrome Package	(0/0)
Lariat Special Edition Package	TBA/TBA
Max. Trailer Tow Package	(12/26)
Power Equipment Group (Fleet)	(0/0)
STX Appearance Package	TBA/TBA
Trailer Tow Package (Medium Duty)	(0/11)
Trailer Tow Package (Heavy Duty)	(12/25)
XLT Chrome Package	(0/0)
XLT Special Edition Package	TBA/TBA
<b>OPTIONS:</b>	
110V/400W AC Power Outlet	(2/3)
Single-CD, In-dash AM/FM/CD Changer	(1/1)
Axle Ratio	(0/1)
Axle Ratio, Limited-slip	(0/2)
Bedliner, Hard	(0/45)
Bedliner, Spray-in	(0/45)
Carpet	(2/3)
Cruise Control, Adaptive	(2/3)
<b>Floor Mats, Carpeted</b>	
Regular Cab	(2/3)
SuperCab	(3/6)
SuperCrew	(3/6)
Flooring, Vinyl	(0/0)
Fog Lamps	(-4/-3)
Front License Plate Bracket	(1/1)
Fuel Tank, 36-gallon	(20/83)
Inflatable Rear Safety Belts (SuperCab and SuperCrew)	(1/4)

<b>Moonroof</b>		
	Single Panel	(26/51)
	Twin Panel Moonroof	(33/64)
Navigation System		(6/8)
Paint, Two-tone		(1/2)
Pedals, Power-adjustable		(5/7)
Pickup Box Access Steps		(16/63)
Pickup Box Lighting		(0/1)
Pickup Box Tie-Down Cleats		(2/8)
Pro Trailer Backup Assist		(1/1)
Rear View Camera		(0/0)
Remote Keyless Entry System		(2/4)
Remote Tailgate Release		(0/3)
Reverse Sensing System		(0/0)
<b>Running Boards, 5" Chrome Tubular</b>		
	SuperCab	(14/26)
	SuperCrew	(16/29)
<b>Running Boards, Black Platform</b>		
	Regular Cab	(14/25)
	SuperCab	(21/40)
	SuperCrew	(21/40)
<b>Running Boards, Polished Stainless Steel, Tubular</b>		
	Regular Cab	(12/22)
	SuperCab	(14/26)
	SuperCrew	(16/29)
Running Boards, Power-deployable		(29/57)
Seat, Vinyl 40/20/40		(0/0)
Seat, Cloth 40/20/40		(0/0)
Seat, Cloth Captain's Chairs		(0/0)
Seat, Leather Captain's Chairs		(0/0)
Seat, Power 6-way		(5/8)
Seat, Power 10-way		(7/13)
Seats (Heated/Cooled)		(4/4)
Seats (Heated Rear)		(1/1)
Side Mirrors, Power Heated, Signal		(1/2)



Side Mirrors, Power Heated, PowerFold, Memory	(3/6)
Side Mirrors, Manually Telescoping Trailer Tow, Manual Glass	(8/14)
Side Mirrors, Manually Telescoping Trailer Tow, Power Heated Glass	(10/17)
Side Mirrors, Power	(1/2)
Side Mirrors, Power-telescoping Trailer Tow, Heated Glass	(14/21)
SiriusXM Satellite Radio	(0/0)
Skid Plates	(18/28)
Soft Tonneau Cover	(0/25)
Stowable Bed Extender	(-2/19)
SYNC	(1/2)
SYNC 3	(2/3)
Tailgate Step	(-7/40)
Trailer Brake Controller	(0/0)
Transfer Case, Electronic Shift-on-the-Fly	(0/0)
Universal Garage Door Opener	(0/0)
Wheel Well Liners	(4/8)
Wheels, 17" Silver-painted Aluminum (64F)	(-10/-19)
Wheels, 18" Chrome-like PVD Aluminum (64T)	(-3/-6)
Wheels, 18" 6-spoke Machined Aluminum (64R)	(1/1)
Wheels, 18" Machined Aluminum (64M)	(TBA/TBA)
Wheels, 18" Silver Aluminum (64H)	(TBA/TBA)
Wheels, 20" Chrome-like PVD (64L)	(15/34)
Wheels, 20" 6-spoke Painted Aluminum (64S)	(17/33)
Wheels, 20" Machined Aluminum with Painted Accents (64G)	(11/22)
Wheels, 20" Premium Tarnished Dark-painted Aluminum (64A)	(15/30)
Window, Rear, Fixed Privacy Glass with Defrost	(0/0)
Window, Rear, Manual-sliding with Privacy Tint	(2/4)
Window, Rear, Power-sliding (SuperCab and SuperCrew)	(3/6)
Line A) Total Actual Option Content Weight: (Front/Total)	____/____
Maximum Payload Rating Weight Less Total Actual Regular Production Option Content Weight (from Line A above) = Net Payload	

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

# F-150 4x2 Styleside Pickup<sup>(1)(2)</sup>

2018 F-150

[Specs](#) > Standard Powertrain/Chassis Equipment

<b>POWERTRAIN:</b>		Refer to the Ordering Guide for 50 States Usage
Engine	Type	3.3L TI-VCT V6
Transmission	Type	6R80E 6-speed Auto OD
<b>AXLES:</b>		
Front Axle	Type	Long-spindle Double-wishbone, Coil-over-shock IFS
	Capacity (Rating @ Ground)	3000 lbs. Regular Cab, 3225 lbs. SuperCab and SuperCrew
Rear Axle	Type	Semi-floating
	Capacity (Rating @ Ground)	3300 lbs.
<b>BRAKES:</b>		
Front/Rear Disc	Type	Vented, Twin-piston Front and Single-piston Rear Caliper
	Rotor Diameter — Front/Rear	13.8"/13.7"
Power Assist Unit	Type	Tandem-diaphragm
	Effective Diameter	9.07" Front/8.98" Rear
Anti-Lock Brake System		4-wheel (4-channel with Electronic Brakeforce Distribution)
Parking Brake (Rear Brakes)		Electric
<b>ELECTRICAL:</b>		
Alternator	Rating	200 Amp, 2700 Watt/240 Amp, 3240 Watt
Battery	Type	Maintenance-free (Battery Saver System Standard)
	Rating	70-AH, 610 CCA; 80-AH, 730 CCA
Harnesses	Type	3-pin Connector
<b>FUEL TANK:</b>	Capacity	23.0 Gal.
<b>JACK:</b>	Capacity	2 Tons
<b>STEERING:</b>	Type	Power, Rack-and-pinion; Electric Power-assist
	Ratio	20.0:1 122" WB, 141" WB, 17.0:1 145" WB, 157" WB, 164" WB
<b>SUSPENSION:</b>		
Frame	Type	Fully boxed, modular high-strength steel with 8 crossmembers that are welded on both sides
	Section Modulus (cu. in.)	See Frame Specifications
Springs, Front	Type	Coil, Computer-selected
	Rating @ Ground (min.)	NA
Springs, Rear	Type	Leaf, Two-stage Variable-rate, Computer-selected
	Rating @ Ground (min.)	NA
Shock Absorbers	Gas-type	Front 1.38"/Rear 1.26"

Stabilizer Bar	Position/Diameter/Type	Front/36 mm/Hollow <sup>(3)</sup>
<b>TIRES:</b>	Type	Steel-belted Radial All-season Less 8200-lb. GVWR; Steel-belted Radial All-terrain with 8200-lb. GVWR
	Size	Five P235/75R17 BSW Less 8200-lb. GVWR; Five LT245/75R17E BSW with 8200-lb. GVWR
	Spare Tire Carrier	Rear Underframe, Winch-type with Safety Catch (Locking-type, Lock Cylinder in Rear Bumper Opened by Ignition Key)
<b>WHEELS:</b>	Type and Size	Four 17" x 7.5" Gray Styled Steel with Same-size Steel Spare (6-hole Disc); Five 17" x 7.5" 7-lug Steel (7-hole Disc) with 8200-lb. GVWR

(1) 8200-lb. GVWR is included with the available Heavy-Duty Payload Package (627) and requires either the 5.0L TI-VCT V8 or 3.5L TI-VCT V6 engine. In addition to the equipment listed above, this package also includes Super Engine Cooling, 9-channel oil-to-air auxiliary transmission oil cooler, frame upgrade (.150 rail thickness).

(2) Refer to notes below for powertrain/chassis upgrades included with available trim levels.

(3) All 122" WB models get a stiffer 36 mm solid stabilizer bar along with models equipped with either the Trailer Tow Package (53A) or the Max. Trailer Tow Package (53C). Models with the Heavy-Duty Payload Package (627) get a 36 mm solid stabilizer bar as well.

**NOTE:** Refer to Weight Ratings for Standard & Available Weight Rating Specifications (GVWR/Payload/Spring & GAWR/Base Curb Weight).

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

# F-150 4x4 Styleside Pickup<sup>(1)(2)</sup>

2018 F-150

[Specs](#) > Standard Powertrain/Chassis Equipment

<b>POWERTRAIN:</b>		Refer to the Ordering Guide for 50 States Usage
Engine	Type	3.3L TI-VCT V6
Transmission	Type	6R80E 6-Speed Auto OD
Transfer Case	Type	Electronic Shift
	Low/High Gear Ratio	2.64:1/1.00:1
<b>AXLES:</b>		
Front Axle	Type	Long-spindle Double-wishbone, Coil-over-shock IFS
	Capacity (Rating @ Ground)	3225 lbs. Regular Cab, 3450 lbs. SuperCab and SuperCrew
Rear Axle	Type	Semi-floating
	Capacity (Rating @ Ground)	3300 lbs.
<b>BRAKES:</b>		
Front/Rear Disc	Type	Vented, Twin-piston Front and Single-piston Rear Caliper
	Rotor Diameter — Front/Rear	13.8"/13.7"
Power Assist Unit	Type	Tandem-diaphragm
	Effective Diameter	9.07" Front/8.98" Rear
Anti-Lock Brake System		4-wheel (4-channel with Electronic Brakeforce Distribution)
Parking Brake (Rear Brakes)		Electric
<b>ELECTRICAL:</b>		
Alternator	Rating	200 Amp, 2700 Watt/240 Amp, 3240 Watt
Battery	Type	Maintenance-free (Battery Saver System Standard)
	Rating	70-AH, 610 CCA; 80-AH, 730 CCA
Harnesses	Type	3-pin Connector
<b>FUEL TANK:</b>	Capacity	23.0 Gal.
<b>JACK:</b>	Capacity	2 Tons
<b>STEERING:</b>	Type	Power, Rack-and-pinion; Electric Power-assist
	Ratio	20.0:1 122" WB, 141" WB, 17.0:1 145" WB, 157" WB, 164" WB
<b>SUSPENSION:</b>		
Frame	Type	Fully boxed, modular high-strength steel with 8 crossmembers that are welded on both sides
	Section Modulus (cu. in.)	See Frame Specifications
Springs, Front	Type	Coil, Computer-selected
	Rating @ Ground (min.)	NA
Springs, Rear	Type	Leaf, Two-stage Variable-rate, Computer-selected

	Rating @ Ground (min.)	NA
Shock Absorbers	Gas-type	Front 1.38"/Rear 1.26"
Stabilizer Bar	Position/Diameter/Type	Front/36 mm/Hollow <sup>(3)</sup>
<b>TIRES:</b>	Type	Steel-belted Radial All-terrain
	Size	Five P235/75Rx17 BSW Less 8200-lb. GVWR; Five LT245/75Rx17E BSW with 8200-lb. GVWR
	Spare Tire Carrier	Rear Underframe, Winch-type with Safety Catch (Locking-type, Lock Cylinder in Rear Bumper Opened by Ignition Key)
<b>WHEELS:</b>	Type and Size	Four 17" x 7.5" Gray Styled Steel with Same-size Steel Spare (6-hole Disc); Five 17" x 7.5" 7-lug Steel (7-hole Disc) with 8200-lb. GVWR

(1) 8200-lb. GVWR is included with the available Heavy-Duty Payload Package (627) and requires either the 5.0L Ti-VCT V8 or 3.5L Ti-VCT V6 engine. In addition to the equipment listed above, this package also includes Super Engine Cooling, 9-channel oil-to-air auxiliary transmission oil cooler, frame upgrade (.150 rail thickness).

(2) Refer to notes below for powertrain/chassis upgrades included with available trim levels.

(3) All 122" WB models get a stiffer 36 mm solid stabilizer bar along with models equipped with either the Trailer Tow Package (53A) or the Max. Trailer Tow Package (53C). Models with the Heavy-Duty Payload Package (627) get a 36 mm solid stabilizer bar as well.

**NOTE:** Refer to Weight Ratings for Standard & Available Weight Rating Specifications (GVWR/Payload/Spring & GAWR/Base Curb Weight).

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Front Axle Specifications

2018 F-150

[Specs](#) > Axles

Series/Model		F-150 4x2	F-150 4x4
Type		Long-spindle Double-wishbone, Coil-over-shock Independent Front Suspension	
Max. Rating @ Ground (lbs.)		3750	3750
Upper Control Arm	Material	Stamped Steel	
Lower Control Arm	Material	Stamped Steel	
Spring	Type	Coil-over-shock, Computer-selected	
Ball Joints		Lubed-for-Life	
Spindle	Material	Cast-aluminum Body with Forged Steel Stem	
Wheel Bearings	Type	Self-retained Tapered Roller (GEN II Cartridge)	

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Rear Axle Specifications

2018 F-150

[Specs](#) > Axles

Series/Model		F-150 4x2			F-150 4x4		
Max. Rating @ Ground (lbs.) (Engine)		4800 <sup>(1)</sup>			4800 <sup>(1)</sup>		
Make		Standard/Electronic-locking		Electronic-locking	Standard/Electronic-locking		Electronic-locking
Axle Ratios (:1)		3.31, 3.55, 3.73	3.15, 3.55, 3.73	3.73	3.55, 3.73	3.31, 3.55, 3.73	3.73
Ring Gear	Pitch Diameter (in.)	8.80	9.75	9.75HD	8.80	9.75	9.75HD
Housing	Type	Cast Center					
	Cover Attachment	Bolted					
Lubricant Capacity (pt.)		4.0–4.15		5.5–5.65	4.0–4.15		5.5–5.65
Wheel Bearings	Type	Straight Roller					
Gears	Type	Hypoid					
	Material	Alloy Steel					
Pinion	Mounting	Overhung					
Differential	Type	2-pinion					
	Bearings	Tapered Roller					

(1) With Heavy-Duty Payload Package.

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Four-wheel Vented Disc (ABS)

2018 F-150

[Specs](#) > Brakes

Type	Model	Axle Usage	Rotor Dia. (in.)		Brake Lining Segment	Area (sq. in.)/Width (in.)/Thickness (in.)	Caliper Piston Dia. (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
			OD	ID					
Rotor (Disc)	All	All	13.8	9.33	Outboard	9.99/2.53/0.55	Dual 2.13	40.6	297.5
					Inboard	10.36/2.53/0.55			

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Hydraulic Brake Equipment Specifications — Rear Disc

2018 F-150

[Specs](#) > Brakes

Type	Model	Axle Usage (in.)	Rotor Dia. (in.)		Brake Lining Segment	Area (sq. in.)/Width (in.)/Thickness (in.)	Caliper Piston Dia. (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
			OD	ID					
Rotor (Disc)	DIH	9.75, 8.8 w/5.0L Ti-VCT V8	13.7	10.28	Outboard	3.88/1.48/0.41	Single 2.13	15.5	254.5
Rotor (Disc)	Elec. Pk. Brake	8.8 (less 5.0L Ti-VCT V8)	13.23	9.57	Outboard	4.31/1.54/0.43	Single 2.13	17.2	254.1

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Brake Master Cylinder Specifications

2018 F-150

[Specs](#) > Brakes

Type	Bore Dia. (in.)
Dual-bore	1.187–1.370

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Power Brakes Vacuum Booster Specifications

2018 F-150

[Specs](#) > Brakes

Make/Type	Effective Dia. (in.)	Outside Dia. (in.)	Diaphragm Type
Dash-mounted	9.07 Front/8.98 Rear	9.93 Max. OD	Tandem

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Cooling System Specifications

2018 F-150

[Specs](#) > Cooling Systems

Engine	Radiator Usage	Frontal Area (sq. cm.)	Core Size (mm)			Rows of Tubes	Fins Per dm	Cooling System Cap. (liters)	Fans	
			Height	Width	Core				Diameter (mm)	No. of Blades
3.3L TI-VCT V6	Standard	400	454.3	880	26	56	85	14.50	370/396	5/5
2.7L EcoBoost V6	Standard	400	454.3	880	26	56	85	15.50	370/396	5/5
	Trailer Tow <sup>(1)</sup>	400	454.3	880	32	56	75			
5.0L TI-VCT V8	Standard	400	454.3	880	26	56	85	15.00	370/396	5/5
3.5L EcoBoost V6	Standard	400	454.3	880	26	56	85	14.75	370/396	5/5
	Trailer Tow <sup>(2)</sup>	400	454.3	880	32	56	75			

(1) Trailer tow class Heavy CICAЕ.

(2) Trailer tow class Heavy CICAЕ, Max CICAP and SuperMax CICAQ.

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Auxiliary Automatic Transmission Oil Cooler Applications

2018 F-150

[Specs](#) > Cooling Systems

Engine	Transmission	Cooler Applications		
		Standard	Trailer Tow Package (Class IV)	Heavy Payload Group
3.3L TI-VCT V6	6R80E	6-channel	6-channel	—
2.7L EcoBoost V6	10R80E	TBA	TBA	—
5.0L TI-VCT V8	10R80E	TBA	TBA	—
3.5L EcoBoost V6	10R80E	TBA	TBA	TBA

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.



# Engine

2018 F-150

## Specs

Driveline Layout	Front engine, rear wheel (RWD) or 4x4			
Engine Type	3.3L Ti-VCT V6	2.7L EcoBoost V6	5.0L Ti-VCT V8	3.5L EcoBoost V6
Displacement (liters/cu. in.)	3.3/201	2.7/164	5.0/302	3.5/214
Horsepower @ rpm	290 @ 6500	325 @ 5000	395 @ 5750	375 @ 5000
Torque (lb.-ft.) @ rpm	265 @ 4000	400 @ 2750	400 @ 4500	470 @ 3500
Compression Ratio	12.0:1	10.0:1	12.0:1	10.0:1
Valvetrain	Ti-VCT DOHC			
Valve Operation	Roller finger follower	Roller finger follower	Roller finger follower	Roller finger follower
Bore & Stroke (in.)	3.56 x 3.41	3.27 x 3.27	3.63 x 3.65	3.64 x 3.45
Main bearings	4	4	5	4
Induction	Naturally aspirated	Twin turbocharged	Naturally aspirated	Twin turbocharged
Fuel System	Port Fuel Direct-Injection (PFDI) dual system			
Fuel Requirement (octane)	87 (min.)			

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

# Fuel System Data

2018 F-150

## Specs

Sequential Electronic Fuel Injection	3.3L Ti-VCT V6	Port Fuel/Direct-injection (PFDI)
	2.7L EcoBoost V6	Port Fuel/Direct-injection (PFDI)
	5.0L Ti-VCT V8	Port Fuel/Direct-injection (PFDI)
	3.5L EcoBoost V6	Port Fuel/Direct-injection (PFDI)
Fuel Pump	Single Electric In-tank High-pressure	
	In-tank Electric High-pressure Engine-mounted Booster	
Fuel Filter	All Engines	In-tank Lifetime
Air Cleaner	All Engines	Dry Element, Replaceable

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Specs

Cab	Wheelbase (in.)	Rack-and-pinion Power Steering <sup>(1)</sup>		Turning Diameter (ft.) Curb-to-Curb
		Rack Speed (mm Per Revolution)	Vehicle Steering Ratio	
Regular	122	47.4	20.0:1	40.7
	141	47.4	20.0:1	46.1
SuperCab	145	54.5	17.0:1	47.1
	145 (w/Max. Trailer Tow)	54.5	17.0:1	47.1
	164	54.5	17.0:1	53.0
SuperCrew	145	54.5	17.0:1	47.8
	145 (w/Max. Trailer Tow)	54.5	17.0:1	47.8
	157	54.5	17.0:1	51.1
	157 (w/Max. Trailer Tow)	54.5	17.0:1	51.1

(1) All gears include nibble damper.

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Frame Specifications

2018 F-150

[Specs](#) > Suspensions

Model	Wheelbase (in.)	No. of Crossmembers	Maximum Side Rail Section (in.)	Section Modulus (cu. in.)	Yield Strength (psi)
Regular Cab 4x2	122	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
	141	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .11 (HD/HPP)	4.95 6.28	49,300 49,300
Regular Cab 4x4	122	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
	141	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .11 (HD/HPP)	4.95 6.28	49,300 49,300
SuperCab 4x2	145	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
SuperCab 4x4	145	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
SuperCrew 4x2	145	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
SuperCrew 4x2	157	8	9.06 x 3.58 x 0.87 (LD)	4.95	49,300
			9.06 x 3.58 x .1 (HD)	5.73	49,300
			9.06 x 3.58 x .11 (HPP)	6.28	49,300
SuperCrew 4x4	145	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .1 (HD)	4.95 5.73	49,300 49,300
SuperCrew 4x4	157	8	9.06 x 3.58 x .1 (HD)	5.73	49,300
			9.06 x 3.58 x .11 (HPP)	6.28	49,300
SuperCab 4x2	164	8	9.06 x 3.58 x .087 (LD) 9.06 x 3.58 x .11 (HD/HPP)	4.95 6.28	49,300 49,300
SuperCab 4x4	164	8	9.06 x 3.58 x .11 (HD/HPP)	6.28	49,300

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Shock Absorber Specifications

2018 F-150

[Specs](#) > Suspensions

Usage	Front			Rear		
	No. Used	Piston Dia. (in.)	Type	No. Used	Piston Dia. (in.)	Type
Standard	2	1.38	Gas-pressurized	2	1.26	Gas-pressurized

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Tire Specifications

2018 F-150

[Specs](#) > Tires and Wheels

Size	Rim Width (in.)	Section Width (in.)	Static Loaded Radius (in.)
P245/70R17 110T A/S BSW	7.5	9.88	13.70
P265/70R17 115T A/T OWL	7.5	10.86	14.13
P265/60R18 110T A/S BSW	7.5	10.24	13.70
P265/60R18 110T A/S BSW	7.5	10.39	13.70
P265/65R18 OWL all-season/all-terrain tires	7.5	TBA	TBA
P275/45R22 112V A/S BSW	9.0	10.71	14.58
P275/65R18 116T A/T OWL	7.5	10.98	14.33
P275/55R20 113H A/S BSW	8.5	10.98	14.41
P275/55R20 113T A/T OWL	8.5	11.06	14.60
P275/55R20 113T A/T BSW	8.5	11.10	14.52
LT245/70R17 114S A/T BSW	7.5	9.96	14.37
LT275/65R18 113S A/T OWL	7.5	11.10	14.88

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Wheel Specifications

2018 F-150

[Specs](#) > Tires and Wheels

Wheel Type	Wheel Size (in.)	Inset (in./mm)	No. of Studs	Bolt Circle (in./mm)	Maximum Wheel Capacity Load Front/Rear (lbs.)
Silver Steel (Heavy-Duty Payload Package)	17 x 7.5	1.73/44	6	5.3/135	2022/2275
Silver Steel	17 x 7.5	1.73/44	6	5.3/135	1825/2025
Silver-painted Aluminum	17 x 7.5	1.73/44	6	5.3/135	1825/2028
6-spoke Machined Aluminum	18 x 7.5	1.73/44	6	5.3/135	1825/2028
Silver Aluminum (Heavy-Duty Payload Package)	18 x 7.5	1.73/44	6	5.3/135	1991/2275
Machined Aluminum	18 x 7.5	1.73/44	6	5.3/135	1825/2028
Chrome-like PVD	18 x 7.5	1.73/44	6	5.3/135	1825/2028
Machined Aluminum w/Painted Pockets	20 x 8.5	1.73/44	6	5.3/135	1825/2028
Aluminum	20 x 8.5	1.73/44	6	5.3/135	1825/2028
6-spoke Premium Painted Aluminum	20 x 8.5	1.73/44	6	5.3/135	1825/2028
Chrome-like PVD Aluminum	20 x 8.5	1.73/44	6	5.3/135	1825/2028
Polished Aluminum	20 x 8.5	1.73/44	6	5.3/135	1825/2028
Polished Aluminum	22 x 9.0	1.73/44	6	5.3/135	1825/2028

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Transfer Case Specifications

2018 F-150

[Specs](#) > Transfer Case and Transmissions

Shift Type	Electric Shift-On-the-Fly (ESOF)/ 2-speed Automatic Four-wheel Drive (4WD)
Gear Type	2-speed Planetary Gears
Lubricant Capacity (qt.)	1.3 – 1.5
Gear Ratio — High	1.00:1
Gear Ratio — Low	2.64:1
Case Material	Magnesium

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## 6-speed Automatic Transmission Specifications

2018 F-150

[Specs](#) > Transfer Case and Transmissions

Make/Type	Ford 6-speed Automatic Overdrive (6R80E)
Engines	3.3L TI-VCT V6
Ratios (to 1):	
1st	4.17
2nd	2.34
3rd	1.52
4th	1.14
5th	0.86
6th	0.69
Reverse	3.40
Converter Size and Type	260 mm 155K (Single-stage Conventional)
Converter Stall Ratio	2.30:1
Lubricant Capacity (qt.)	12.0
Planetary	Simple and Ravigneaux
Helical Gears	All
Oil Cooler	Refer to Cooling Systems/Auxiliary Automatic Transmission Oil Cooler Applications
Turbine Speed Sensor System	Yes
Fully Electronic Shift Scheduling	Yes
Weight (with Fluid)	211 lbs. (4x2)/208 lbs. (4x4)

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

# 10-speed Automatic Transmission Specifications

2018 F-150

[Specs](#) > Transfer Case and Transmissions

Make/Type	Ford 10-speed Automatic Overdrive (10R80)
Engine	2.7L EcoBoost V6, 3.5L EcoBoost V6, 5.0L Ti-VCT V8
Ratios (to 1):	
1st	4.696
2nd	2.985
3rd	2.146
4th	1.769
5th	1.520
6th	1.275
7th	1.000
8th	0.854
9th	0.689
10th	0.636
Reverse	4.866
Converter Size and Type	260 mm with turbine damper
Converter Stall Ratio	1.82:1
Lubricant Capacity (qt.)	12.2
Planetary	Simple (4)
Helical Gears	All
Oil Cooler	Yes
Turbine Speed Sensor System	Yes with (4) internal speed sensors
Fully Electronic Shift Scheduling	Yes
Weight (with Fluid)	231 lbs. (4x2)/234 lbs. (4x4)

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Trailer Towing/Camper Information

2018 F-150

### Specs

For additional towing information, refer to the RV & Trailer Towing Guide, available as a printable PDF on **eSourceBook** or the vehicle owner manual for more information.



## Completed Vehicle Weight

2018 F-150

### Specs

The weight of the completed vehicle with equipment installed (and second unit body, if applicable) must not exceed the Front GAWR, Rear GAWR or GVWR established by Ford. If sufficient weight is added such that the completed vehicle with a driver and more than one passenger would exceed Front GAWR, Rear GAWR or GVWR, it is the responsibility of the equipment installer to notify the customer of the appropriate use restrictions (i.e., that the user should limit occupancy of the vehicle to the driver and one passenger while the equipment is installed). The addition of ballast weight, placed rearward of the rear axle, may be required to prevent front-end overloading or exceeding Front GAWR. If required, the ballast weight must be securely attached to the vehicle. For Ford completed vehicles of 10,000 lbs. GVWR or less, the weight of permanently attached equipment must not exceed the Total Accessory Reserve Capacity (TARC) as specified on the Safety Compliance Certification Label. Exceeding TARC will require recertification.





## Front-end Wheel Alignment and Headlamp Aim

2018 F-150

### Specs

Front-end wheel alignment (toe) and headlamp aim may require adjustment after installation of equipment, and is the responsibility of the equipment installer. Failure to reset front wheel alignment may cause premature, uneven tire wear. If required, reset to chassis manufacturer's specifications found in the Ford Shop Manual.



## Electrical Connections

2018 F-150

### Specs

Installation of any inductive load devices (i.e., electric motors, electric clutches for clutch pumps, etc.) MUST NOT be connected to OEM wiring or fuse panels. Power for such devices should be taken directly from the battery or starter motor relay power terminal. Control of these devices should be achieved via relays. No direct current path should exist between OEM wiring and the installed load that is not filtered by the battery. These recommendations are intended to reduce or eliminate any induced reverse voltage into the OEM circuitry.



Specs

The Normal Ford New Vehicle Limited Warranty applies to vehicles with accessories installed in accordance with these guidelines. Consult your Ford dealer or the owner manual for any further questions.



Alternator Specifications

Specs > Electrical

Output (ampere) <sup>(1)</sup>	200	240
Output (watts)	2700	3240

(1) Actual output is temperature- and application-dependent.

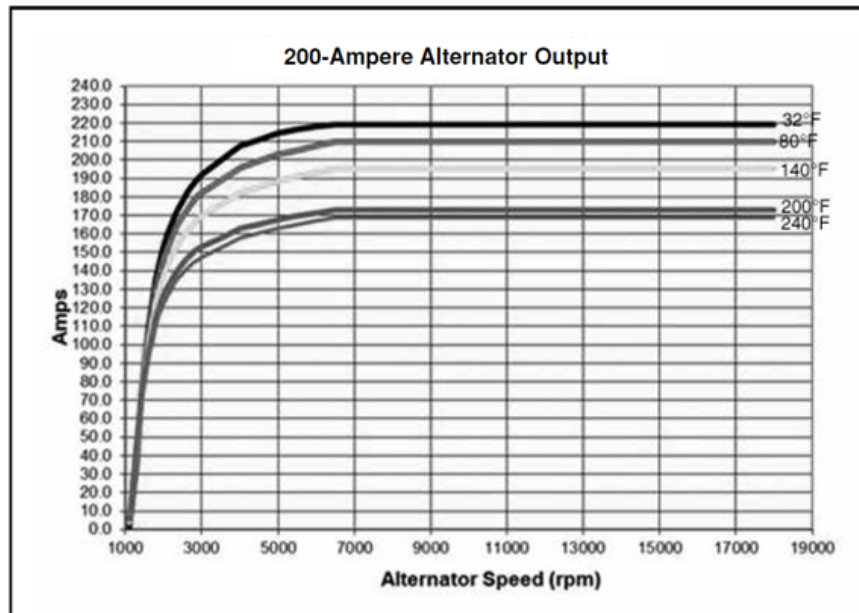
**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## 200 Amperes Alternator (Gas)

2018 F-150

[Specs](#) > [Electrical](#) > [Alternator Performance Curves](#)

Engine	Pulley Ratio	Model Application
2.7L EcoBoost V6, 3.3L V6, 3.5L EcoBoost V6	2.67:1	F-150 XL and XLT
5.0L V8	2.81:1	F-150 XL and XLT



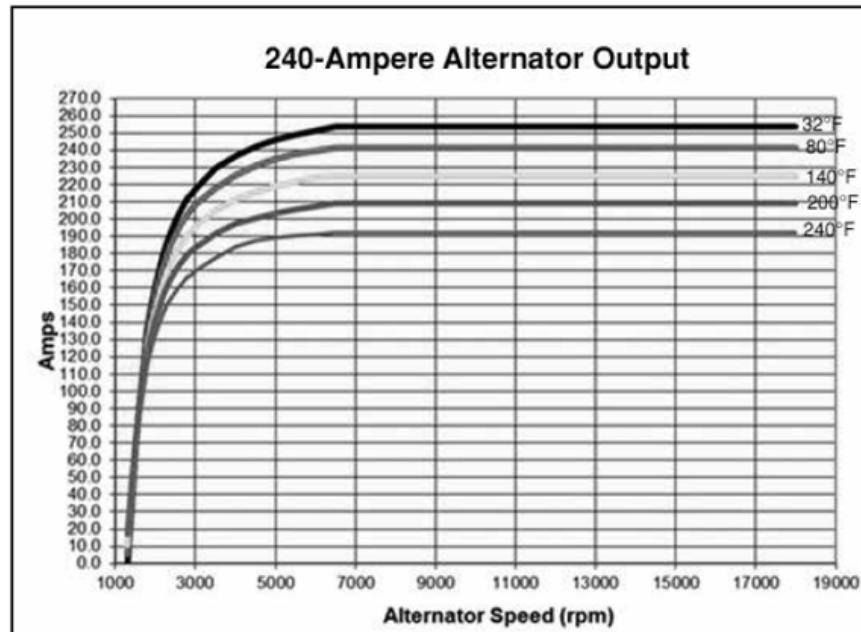
**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## 240 Amperes Alternator

2018 F-150

[Specs](#) > [Electrical](#) > [Alternator Performance Curves](#)

Engine	Pulley Ratio	Model Application
3.5L EcoBoost V6	2.67:1	F-150 Lariat, King Ranch and Platinum
5.0L V8	2.81:1	F-150 Lariat, King Ranch and Platinum



**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Battery Applications

2018 F-150

[Specs](#) > Electrical

Ampere-Hour Rating	70	80
Cold-Cranking Amps at 0°F	760	800
2.7L EcoBoost V6	XL/XLT <sup>(1)</sup>	Lariat <sup>(1)</sup>
3.5L EcoBoost V6	XL/XLT <sup>(1)</sup>	Lariat/King Ranch/Platinum/Limited <sup>(1)</sup>
Cold-Cranking Amps at 0°F	610	730
3.3L V6	XL/XLT	
5.0L V8	XL/XLT	Lariat/King Ranch/Platinum

(1) Absorbent Glass Mat (AGM) battery.

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Cold Weather Recommendations

2018 F-150

[Specs](#) > Electrical

Minimum Temperature	Equipment	
	HD Battery	Engine Block Heater
0°F	Suggested	Not Needed
-10°F	Recommended	Suggested
-20°F	Recommended	Recommended
Below -20°F	Strongly Recommended	Strongly Recommended

### DEFINITIONS

**Suggested:** Helpful, but not needed.

**Recommended:** Could improve reliability in less-than-ideal conditions.

**Strongly Recommended:** Will give definite improvement over the standard components.

**HD Battery:** Higher-capacity battery available. (Usage varies by model.)

**Engine Block Heater:** Available equipment for all engines. (Usage and heater capacity vary with engine requirements.)

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Standard Lighting/Reflector Equipment

2018 F-150

[Specs](#) > Electrical

Light Reflector	Application
Headlamps (Halogen)	XL, XLT, Lariat
Headlamps (LED)	King Ranch, Platinum, Limited
Parking Lights	All Series — Integral with turn signals
Front/Rear Turn Signals	All Series
Front Side Marker Lights	All Series
Front Side Reflectors	All Series
Rear Side Reflectors	All Series
Rear Side Marker Lights	All Series — Integral with taillamps
License Plate Lights	All Series
Two Combination Taillamps with Integral Stop, Turn Signal and Backup Lamps and Reflective Surface	All Series
Rear Reflectors	All Series
Front Daytime Running Lamps	All Vehicles Registered in Canada

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

## Light Specifications and Usage

2018 F-150

[Specs](#) > Electrical

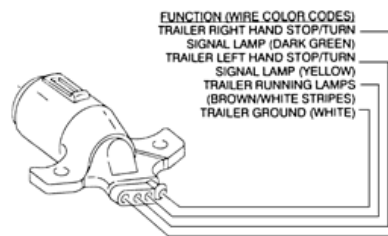
Light	Code	Description	Usage
Cab Marker — (5 lights) Amber	STD	Torpedo, Hella	All Model Series
Daytime Running Lamps	STD	(2) Replaceable bulbs, Halogen	All Vehicles Registered in Canada
Headlamps	STD	(2) Replaceable bulbs, Halogen	All Vehicles Registered in U.S. and Canada

**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

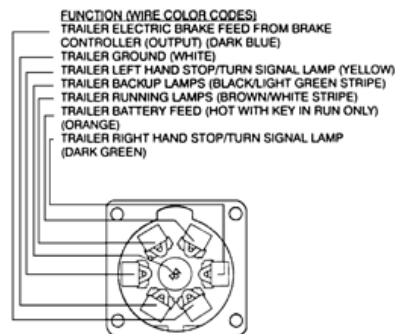
[Specs](#) > Electrical

Circuit Number	Circuit Description	Color Code
RAT08	Ground	White
CAT17	Park Lamps	Brown
CAT14	Trailer Battery Feed	Orange
CAT19	To Electric Brakes	Dark Blue
CAT09	RH Turn Signal and Stop Lamps	Dark Green
CAT06	LH Turn Signal and Stop Lamps	Yellow
CAT03/CAT16	Trailer Backup Lamps	Gray with Brown Stripe
CBP30	Front Brake Controller Running Lamp Feed/Park Lamp Feed	Yellow with Blue Stripe
CBP40	Rear Brake Controller Running Lamp Feed/Park Lamp Feed	Yellow with Green Stripe
CLS30	Brake Controller Running Lamp Feed/Park Lamp Feed	Violet with White Stripe
CCB08	Vehicle Stop Lamps	Violet with White Stripe
SBB18/SBB17	B+ to Electric Brake Controller	Yellow with Red Stripe

4-Pin Harness



7-Pin Harness



**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

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