

Specs

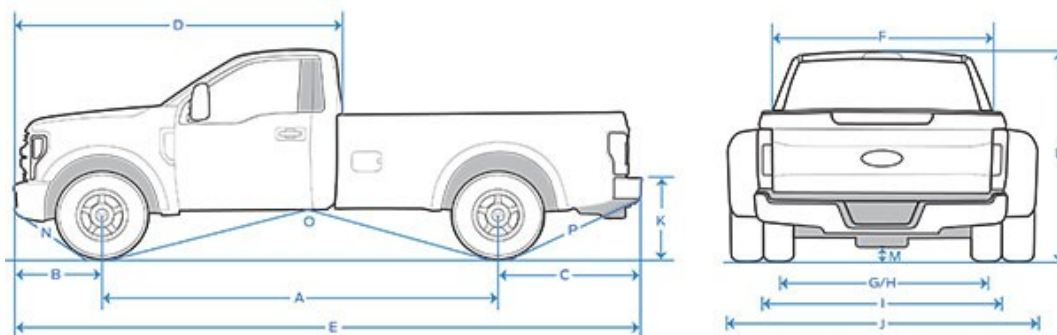
2019 F-250/F-350/F-450 Super Duty
Pickups

Ref: /content/ret-ford/en/common-content/specs/jcr:content/common-par/text

Key product specifications include vehicle dimensions and capacities, detailed engine information, transmission gear ratios and more.



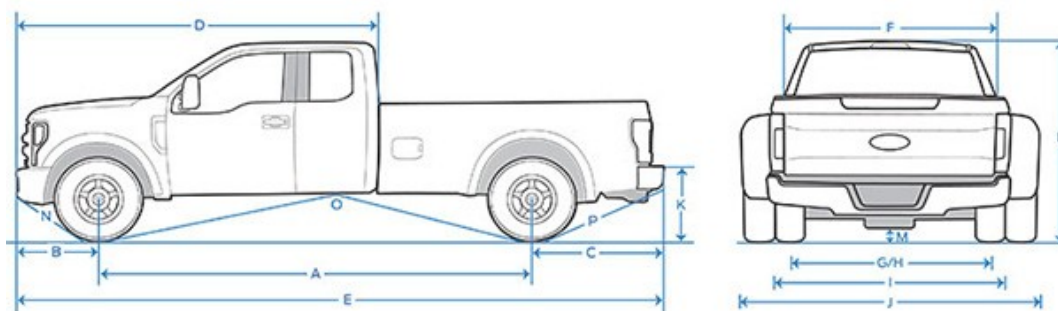
Regular Cab Pickup

[Specs](#) > Dimensions/Weights/Capacities

Super Duty Series		F-250		F-350		F-450	
Drive		4x2	4x4	4x2	4x4	4x2	4x4
Wheelbase (in.)		141.6	141.6	141.6	141.6	141.6	141.6
Single/Dual Rear Wheel		SRW	SRW	SRW/ DRW	SRW/ DRW	DRW	DRW
Code	Description (in.)						
A	Wheelbase (in.)	141.6	141.6	141.6	141.6	141.6	141.6
B	Front Overhang Length	38.2	38.2	38.2	38.2	38.2	38.2
C	Rear Overhang Length	52.0	52.0	52.0	52.0	52.0	52.0
D	Front Bumper To Back Of Cab Length	123.7	123.7	123.7	123.7	123.7	123.7
E	Overall Length	231.8	231.8	231.8	231.8	231.8	231.8
F	Vehicle Width (excluding mirrors)	79.9	79.9	79.9/96.0	79.9/96.0	96.0	96.0
G	Front Track Width	68.3	68.3	68.3	68.3	74.8	74.8
H	Rear Track Width	67.2	67.2	67.2/—	67.2/—	74.7	74.7
I	Tire Center Width (DRW)	—	—	—/74.7	—/74.7	TBD	TBD
J	Tire Outside Width (DRW)	—	—	—/95.9	—/95.9	TBD	TBD
K	Open Tailgate To Ground Height (empty) ⁽¹⁾	36.5	39.1	36.3/37.3	38.9/38.6	38.2	38.1
L	Cab Height (empty) ⁽¹⁾	78.5	81.9	78.3/78.8	81.7/81.6	81.7	81.7
M	Minimum Running Ground Clearance	8.7	8.5	8.7/8.3	8.5/8.2	8.6	8.6
N	Approach Angle (loaded) (degrees)	17.7	18.6	17.5/17.9	18.4/18.4	19.0	19.1
O	Ramp Breakover Angle (loaded) (degrees)	20.3	25.7	20.0/21.0	25.4/25.3	25.3	25.3
P	Departure Angle (loaded) (degrees)	20.1	23.1	19.2/20.3	22.1/21.9	21.5	21.5

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

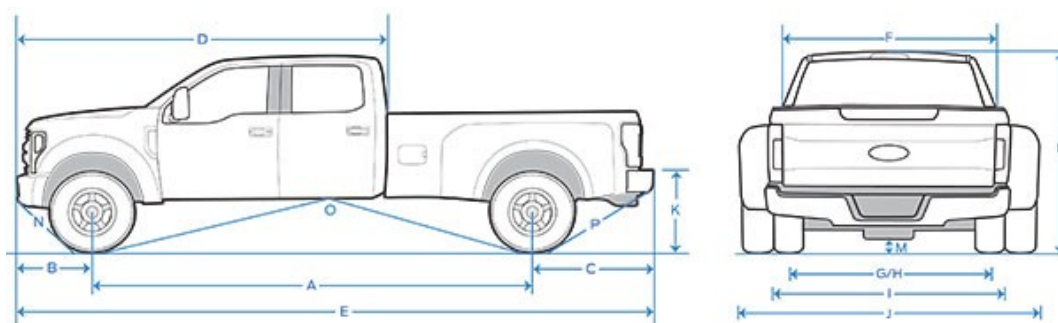
SuperCab Pickup

[Specs](#) > Dimensions/Weights/Capacities

Super Duty Series		F-250				F-350			
Drive		4x2		4x4		4x2		4x4	
Wheelbase (in.)		148.0	164.2	148.0	164.2	148.0	164.2	148.0	164.2
Single/Dual Rear Wheel		SRW	SRW	SRW	SRW	SRW	SRW/DRW	SRW	SRW/DRW
Code	Description (in.)								
A	Wheelbase (in.)	148.0	164.2	148.0	164.2	148.0	164.2	148.0	164.2
B	Front Overhang Length	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
C	Rear Overhang Length	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
D	Front Bumper To Back Of Cab Length	146.3	146.3	146.3	146.3	146.3	146.3	146.3	146.3
E	Overall Length	238.2	254.4	238.2	254.4	238.2	254.4	238.2	254.4
F	Vehicle Width (excluding mirrors)	79.9	79.9	79.9	79.9	79.9	79.9/96.0	79.9	79.9/96.0
G	Front Track Width	68.3	68.3	68.3	68.3	68.3	68.3/69.1	68.3	68.3/69.1
H	Rear Track Width	67.2	67.2	67.2	67.2	67.2	67.2/—	67.2	67.2/—
I	Tire Center Width (DRW)	—	—	—	—	—	—/74.7	—	—/74.7
J	Tire Outside Width (DRW)	—	—	—	—	—	—/95.9	—	—/95.9
K	Open Tailgate To Ground Height (empty) ⁽¹⁾	36.0	35.6	38.7	38.5	35.8	35.4/35.4	38.5	38.3/38.6
L	Cab Height (empty) ⁽¹⁾	78.7	78.4	81.8	81.7	78.5	78.3/78.4	81.6	81.5/81.5
M	Minimum Running Ground Clearance	8.7	8.8	8.5	8.5	8.7	8.8/8.2	8.5	8.5/8.4
N	Approach Angle (loaded) (degrees)	17.9	18.5	18.4	19.5	17.7	18.3/18.5	18.2	18.9/18.9
O	Ramp Breakover Angle (loaded) (degrees)	19.3	17.4	24.3	22.0	19.0	17.2/17.1	24.0	21.8/21.9
P	Departure Angle (loaded) (degrees)	19.6	19.2	22.7	22.5	18.7	18.3/18.6	21.8	21.6/21.4

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

Crew Cab Pickup

[Specs](#) > Dimensions/Weights/Capacities

Super Duty Series		F-250				F-350				F-450	
Drive		4x2		4x4		4x2		4x4		4x2	4x4
Wheelbase (in.)		159.8	176.0	159.8	176.0	159.8	176.0	159.8	176.0	176.0	176.0
Single/Dual Rear Wheel		SRW	SRW	SRW	SRW	SRW	SRW/DRW	SRW	SRW/DRW	DRW	DRW
Code	Description (in.)										
A	Wheelbase (in.)	159.8	176.0	159.8	176.0	159.8	176.0	159.8	176.0	176.0	176.0
B	Front Overhang Length	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
C	Rear Overhang Length	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
D	Front Bumper To Back Of Cab Length	158.1	158.1	158.1	158.1	158.1	158.1	158.1	158.1	158.1	158.1
E	Overall Length	250.0	266.2	250.0	266.2	250.0	266.2	250.0	266.2	266.2	266.2
F	Vehicle Width (excluding mirrors)	79.9	79.9	79.9	79.9	79.9	79.9/96.0	79.9	79.9/96.0	96.0	96.0
G	Front Track Width	68.3	68.3	68.3	68.3	68.3	68.3/69.1	68.3	68.3/69.1	74.8	74.8
H	Rear Track Width	67.2	67.2	67.2	67.2	67.2	67.2/—	67.2	67.2/—	74.7	74.7
I	Tire Center Width (DRW)	—	—	—	—	—	—/74.7	—	—/74.7	TBD	TBD
J	Tire Outside Width (DRW)	—	—	—	—	—	—/95.9	—	—/95.9	TBD	TBD
K	Open Tailgate To Ground Height (empty) ⁽¹⁾	35.7	35.2	38.6	38.3	35.3	35.0/35.3	38.3	38.0/38.0	37.6	37.4
L	Cab Height (empty) ⁽¹⁾	78.6	78.3	81.9	81.6	78.5	78.0/78.5	81.6	81.4/81.6	81.5	81.5
M	Minimum Running Ground Clearance	8.8	8.7	8.2	8.5	8.6	8.7/8.4	8.5	8.5/8.4	8.6	8.6
N	Approach Angle (loaded) (degrees)	17.9	18.4	18.2	18.8	18.1	17.9/18.7	18.0	18.6/19.4	19.4	19.5
O	Ramp Breakover Angle (loaded) (degrees)	16.6	16.0	22.4	20.4	17.6	15.8/16.2	22.2	20.1/20.4	20.2	20.2
P	Departure Angle (loaded) (degrees)	19.3	18.8	22.6	22.2	18.2	17.6/18.3	21.6	21.3/21.2	21.0	20.9

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

2019 F-250/F-350/F-450 Super Duty Pickups

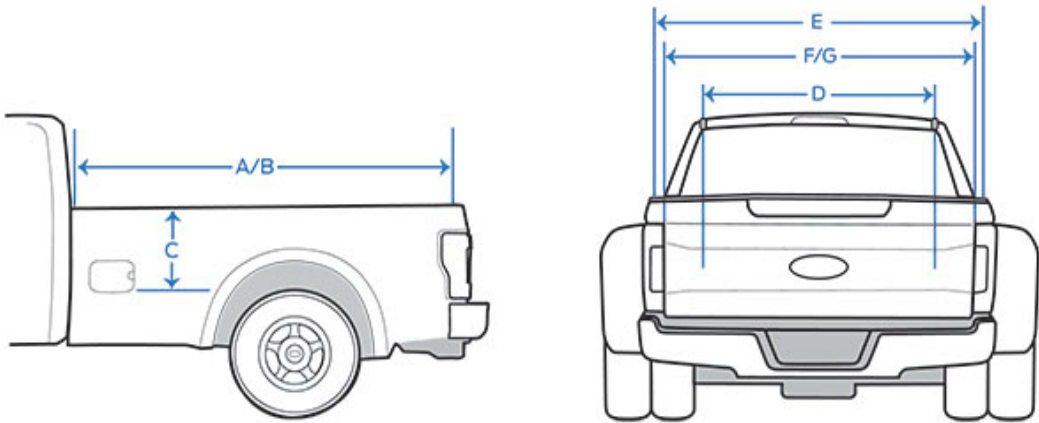
Cab Dimensions

[Specs](#) > Dimensions/Weights/Capacities

Interior Volume (cu. ft.)	Regular Cab	SuperCab	Crew Cab
Passenger (Front)	64.6	64.6	64.6
Passenger (Rear)	—	51.4	67.2
Total Passenger	64.6	116.0	131.8
Cargo (Rear of Front Seat)	11.6	31.6	52.1
Interior Dimension (Front/Rear) (in.)	Regular Cab	SuperCab	Crew Cab
Head Room	40.8/—	40.8/40.3	40.8/40.4
Leg Room (1st row max.)	43.9/—	43.9/33.5	43.9/43.6
Shoulder Room	66.7/—	66.7/65.8	66.7/65.9
Hip Room	62.5/—	62.5/64.7	62.5/64.7

Pickup Box Dimensions

Specs > Dimensions/Weights/Capacities



Nominal Box Size (ft.)		6.75	8.0
Rear Wheels		SRW	SRW/DRW
Cargo Volume (cu. ft.)		65.4	78.5
Code	Description (in.)		
A	Cargo Length @ Floor	81.9	98.1
B	Cargo Length @ Top	80.2	96.4
C	Inside Height	21.1	21.1
D	Width Between Wheelhouses	50.5	50.5
E	Maximum Width @ Floor	66.9	66.9
F	Rear Opening Width @ Floor	60.5	60.5
G	Rear Opening Width @ Top	60.5	60.5

Fuel Tank Capacity

Specs > Dimensions/Weights/Capacities

Regular Cab Pickup

Wheelbase (in.) <small>T.Obj: 12</small>	Availability	Location	Fuel Capacity (gallons)
141.6	Standard gasoline	Midship	34.0
	Standard diesel	Midship	29.0

SuperCab Pickup

Wheelbase (in.) <small>T.Obj: 12</small>	Availability	Location	Fuel Capacity (gallons)
148.0	Standard gasoline	Midship	34.0
	Standard diesel	Midship	29.0
164.2	Standard gasoline/diesel	Midship	34.0

Crew Cab Pickup

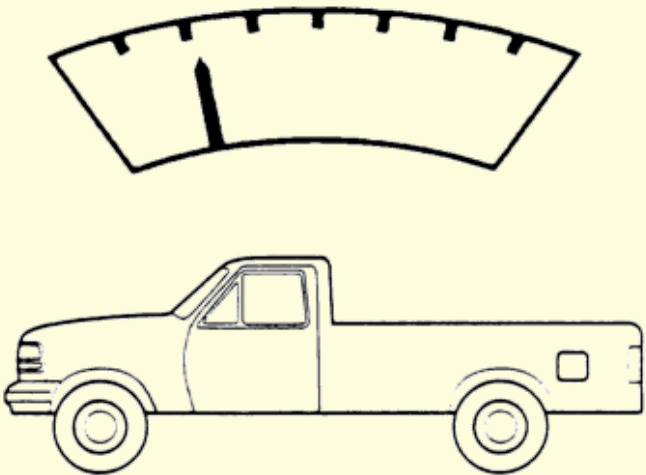
Wheelbase (in.) <small>T.Obj: 12</small>	Availability	Location	Fuel Capacity (gallons)
159.8	Standard gasoline/diesel	Midship	34.0
176.0	Standard gasoline/diesel	Midship	48.0

Base Curb Weight

Specs > Dimensions/Weights/Capacities > General Truck Payload Information

Ref: /content/ret-ford/en/common-content/appendices/2015/truck-payload/basic-truck-weight-definitions-mdash-actual-weights/base-curb-weight/jcr:content/content/imageGallery

- 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

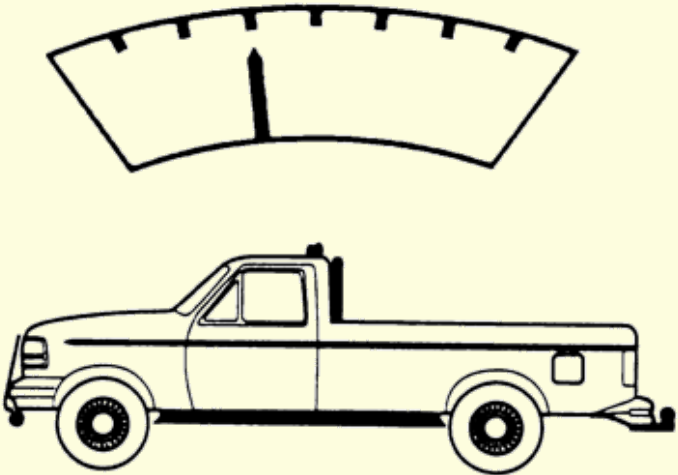


END OF REFERENCE BLOCK

Option Weights

[Specs](#) > [Dimensions/Weights/Capacities](#) > [General Truck Payload Information](#)

Ref: /content/ret-ford/en/common-content/appendices/2015/truck-payload/basic-truck-weight-definitions-mdash-actual-weights/option-weights/jcr:content/content/imageGallery
The weight of any added equipment that is not included in the base curb weight.

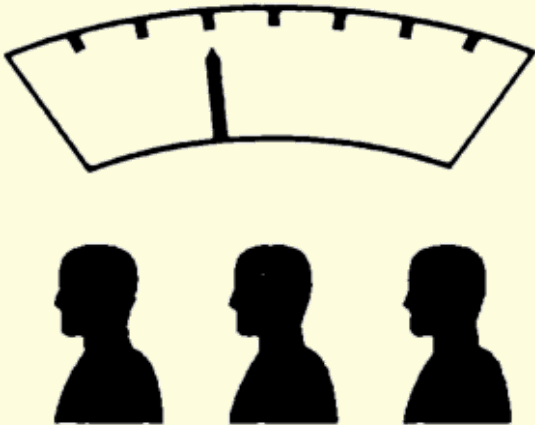


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Passenger Weight

[Specs](#) > [Dimensions/Weights/Capacities](#) > [General Truck Payload Information](#)

Ref: /content/ret-ford/en/common-content/appendices/2015/truck-payload/basic-truck-weight-definitions-mdash-actual-weights/passenger-weight/jcr:content/content/imageGallery
Defined as 150 lbs. multiplied by the number of safety-belted seating positions, including the driver, that the vehicle can carry.



END OF REFERENCE BLOCK

Payload

[Specs](#) > [Dimensions/Weights/Capacities](#) > [General Truck Payload Information](#)

Ref: /content/ret-ford/en/common-content/appendices/2015/truck-payload/basic-truck-weight-definitions-mdash-actual-weights/payload/jcr:content/content/imageGallery

- 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 Payload

Net Payload

END OF REFERENCE BLOCK

Gross Vehicle Weight (GVW)

2019 F-250/F-350/F-450 Super Duty
Pickups

[Specs](#) > [Dimensions/Weights/Capacities](#) > [General Truck Payload Information](#)

Ref: /content/ret-ford/en/common-content/appendices/2015/truck-payload/basic-truck-weight-definitions-mdash-actual-weights/gross-vehicle-weight-gvw/jcr:content/content/imageGallery

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

Net Payload

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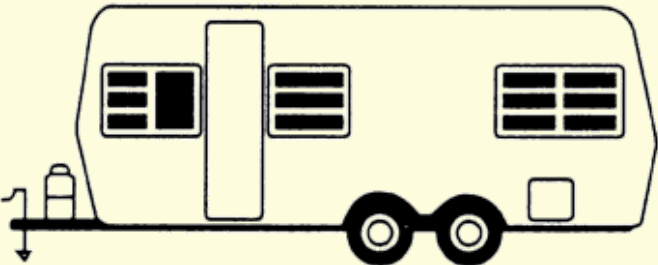
<https://www.b2dauthor.dealerconnection.com/content/ret-ford/en/vehicles/truck/f250/2019/specs.printable.section.html>

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Trailer Weight

[Specs](#) > [Dimensions/Weights/Capacities](#) > [General Truck Payload Information](#)

Ref: /content/ret-ford/en/common-content/appendices/2015/truck-payload/basic-truck-weight-definitions-mdash-actual-weights/trailer-weight/jcr:content/content/imageGallery
The weight of a fully loaded trailer, including all attachments, lights, etc.



END OF REFERENCE BLOCK

Gross Combination Weight (GCW)

[Specs](#) > [Dimensions/Weights/Capacities](#) > [General Truck Payload Information](#)

Ref: /content/ret-ford/en/common-content/appendices/2015/truck-payload/basic-truck-weight-definitions-mdash-actual-weights/gross-combination-weight-gcw/jcr:content/content/imageGallery
Gross vehicle weight plus the trailer weight.



END OF REFERENCE BLOCK

Gross Axle Weight

[Specs](#) > [Dimensions/Weights/Capacities](#) > [General Truck Payload Information](#)

Ref: /content/ret-ford/en/common-content/appendices/2015/truck-payload/basic-truck-weight-definitions-mdash-actual-weights/gross-axle-weight/jcr:content/content/imageGallery
The total weight placed on each axle of the vehicle (front and rear).

END OF REFERENCE BLOCK

Tongue Weight

Specs > Dimensions/Weights/Capacities > General Truck Payload Information

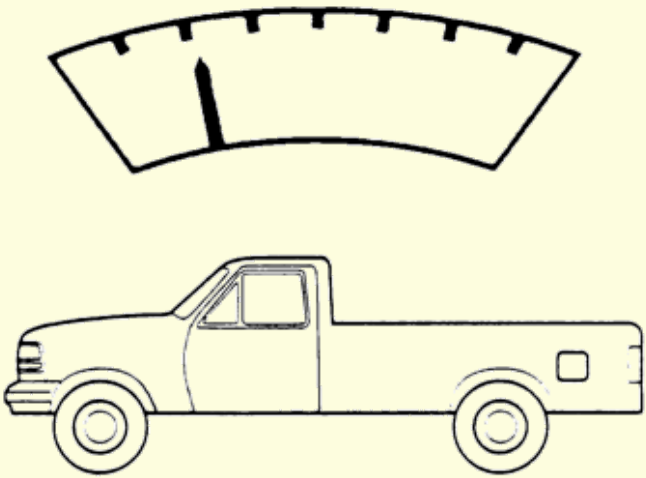
The amount of the trailer's weight that bears down on the trailer hitch (10 to 15 percent of the total loaded conventional trailer weight or 15 to 25 percent of the total loaded 5th-wheel trailer weight).

END OF REFERENCE BLOCK

Weight Distribution

Specs > Dimensions/Weights/Capacities > 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.



END OF REFERENCE BLOCK

Maximum Payload Weight Rating

Specs > Dimensions/Weights/Capacities > 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 (lbs.)
Maximum Payload Weight Rating ⁽¹⁾	___/___
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.

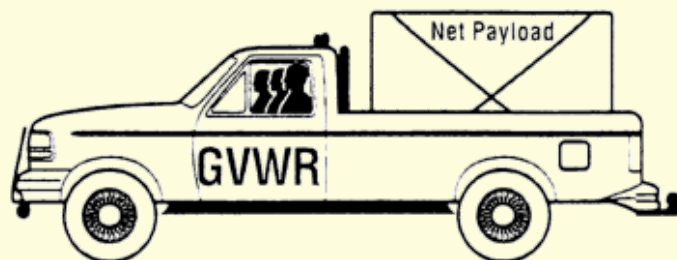
NOTE: Front springs are computer-selected to meet specific option requirements for each vehicle; HD front springs are standard if vehicle option weights require.

END OF REFERENCE BLOCK

Gross Vehicle Weight Rating (GVWR)

[Specs](#) > [Dimensions/Weights/Capacities](#) > [General Truck Payload Information](#)

Ref: /content/ret-ford/en/common-content/appendices/2015/truck-payload/basic-truck-weight-definitions-mdash-weight-ratings/gross-vehicle-weight-rating-gvwr/jcr:content/content/imageGallery
The maximum allowable weight of the fully loaded vehicle (including passengers and cargo).



END OF REFERENCE BLOCK

Gross Axle Weight Rating (GAWR)

[Specs](#) > [Dimensions/Weights/Capacities](#) > [General Truck Payload Information](#)

Ref: /content/ret-ford/en/common-content/appendices/2015/truck-payload/basic-truck-weight-definitions-mdash-weight-ratings/gross-axle-weight-rating-gawr/jcr:content/content/imageGallery
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.

END OF REFERENCE BLOCK

Gross Combination Weight Rating (GCWR)

[Specs](#) > [Dimensions/Weights/Capacities](#) > [General Truck Payload Information](#)

Ref: /content/ret-ford/en/common-content/appendices/2015/truck-payload/basic-truck-weight-definitions-mdash-weight-ratings/gross-combination-weight-rating-gcwr/jcr:content/content/imageGallery
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.



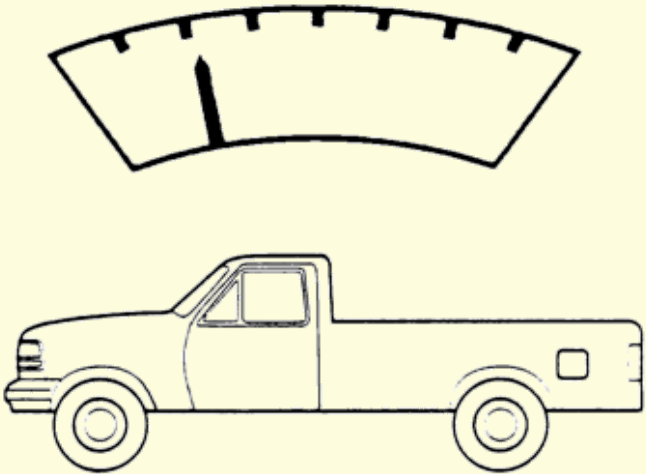
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Maximum Payload Weight Ratings

[Specs](#) > [Dimensions/Weights/Capacities](#) > [General Truck Payload Information](#)

Ref: /content/ret-ford/en/common-content/appendices/2015/truck-payload/maximum-payload-weight-ratings/jcr:content/content/imageGallery

The Payload Weight Ratings and the Accessory Reserve Capacity⁽¹⁾ (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.



(1) 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.

END OF REFERENCE BLOCK

Ref: /content/ret-ford/en/common-content/appendices/2015/truck-payload/accessory-reserve-capacity-arc-calculation/jcr:content/content/imageGallery

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):⁽¹⁾

- 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⁽²⁾ 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.

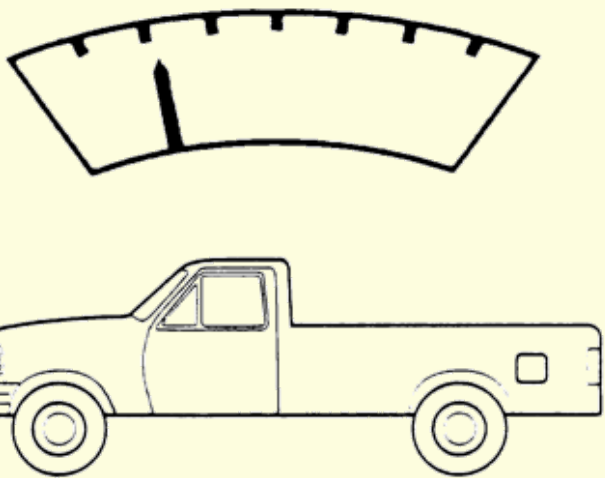
(1) Ford Motor Company's certification of compliance with FMVSS/CMVSS is based on specific vehicle test weights. These standards are applicable to completed vehicles of 10,000-lb. GVWR or less. Maximum allowable weights shown in the tables for vehicles above 10,000-lb. GVWRs are maximum recommended values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



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,"⁽¹⁾ 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.

END OF REFERENCE BLOCK

Vehicle Class Ratings by GVWR

[Specs](#) > [Dimensions/Weights/Capacities](#) > [General Truck Payload Information](#)

Ref: /content/ret-ford/en/common-content/appendices/2019/truck-payload/vehicle-class-ratings-by-gvwr/jcr:content/content/text

Weight Class	GVWR Range (lbs.)	Vehicle/Model
1	Up to 6000	Transit Connect (5060–5450 lbs.) Cargo Van (5130–5302 lbs.) Passenger Van (5060–5450 lbs.)
2	6001 to 10,000	Ranger (6050 lbs.) Transit-150 Cargo Van/Passenger Van (8600/8550 lbs.) Transit-250 Cargo Van (9000 lbs.) Transit-350 Cargo Van (9250–9950 lbs.) Transit-350 Passenger Van (9000–9400 lbs.) Transit-250 Cutaway/Chassis Cabs (9000 lbs.) Transit-350 Cutaway/Chassis Cabs (9500 and 9950 lbs.) F-150 (6070–7850 lbs.) F-250 Pickup (9900–10,000 lbs.) F-350 Pickup (9900–10,000 lbs.) F-350 Chassis Cab SRW (9800–10,000 lbs.)
3	10,001 to 14,000	E 350 Cutaway (10,050–12,500 lbs.) E 350 Stripped Chassis (11,500–12,500 lbs.) Transit-350 Cargo Van/Passenger Wagon (10,360 lbs.) Transit-350 Cutaway/Chassis Cab (10,360 lbs.) F-350 SRW Pickup (10,100–11,500 lbs.) F-350 DRW Pickup (13,000 ⁽¹⁾ –14,000 lbs.) F-350 Chassis Cab SRW (10,500–11,500 lbs.) F-350 DRW Chassis Cab (14,000 lbs.) E 450 Cutaway and Stripped Chassis (14,000 lbs.) F-450 Pickup (14,000 lbs.)
4	14,001 to 16,000	E-450 Cutaway (14,200–14,500 lbs.) E-450 Stripped Chassis (14,500 lbs.) F-450 Chassis (15,000–16,000 lbs.) F59 Commercial Stripped Chassis (16,000 lbs.) F53 Motorhome Chassis (16,000 lbs.)
5	16,001 to 19,500	F-450 Chassis Cab (16,500 lbs.) F-550 (17,500.–19,500 lbs.) F59 Commercial Stripped Chassis (19,500 lbs.) F53 Motorhome Chassis (18,000 lbs.)
6	19,501 to 26,000	F-650 Gasoline (22,000–26,000 lbs.) Diesel (20,500–26,000 lbs.) F59 Commercial Stripped Chassis (22,000 lbs.) F53 Motorhome Chassis (20,500 –26,000 lbs.)
7	26,001 to 33,000	F-650 (27,200–29,000 lbs. Gas and Diesel) F-750 (30,200–33,000 lbs. Gas and Diesel)
8	33,001 plus	F-750 (33,300–37,000 lbs. Diesel)

(1) 13,000 lbs. pickup box delete only.

END OF REFERENCE BLOCK

Truck “Nominal Tonnage”

Specs > Dimensions/Weights/Capacities > 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
1/2	F-150, Transit Connect
3/4	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
1 1/2	Transit-350 Cargo Van/Passenger Wagon, Transit-350 Cutaway/Chassis Cab, F-450 Pickup, F-450 Chassis Cab
2	F-550 Chassis Cab

END OF REFERENCE BLOCK

F-250 Pickup/Box Delete GVWR/ Payload/ARC/GAWR/Base Curb Weight

2019 F-250/F-350/F-450 Super Duty
Pickups

[Specs](#) > [Dimensions/Weights/Capacities](#) > [Weight Ratings](#)

II PROCESS NOTE II

F-250 Styleside Pickup/Pickup Box Delete⁽¹⁾ — GVWR/Payload/Max. ARC/Max. Std. GAWR/Base Curb Weight

Cab Style/ Drive/WB (in.)	Engine	Max. GVWR (lbs.) Std./Opt.	Max. Payload (lbs.) ⁽²⁾ Std./Opt.	Max. ARC Weight (lbs.) ⁽³⁾	Max. Std. GAWR (lbs.) ⁽⁴⁾		Front Snow Plow (lbs.)	Base Curb Wt. (lbs.)		
					Front	Rear		Front	Rear	Total
Reg. Cab 4x2 — 141.6	6.2L	10,000/ 9900	4270/4170	2562	3950	6340	—	3267	2401	5668
	6.7L	10,000/ 9900	3450/3350	1551	4550	6340	—	3946	2532	6478
Reg. Cab 4x4 — 141.6	6.2L	10,000/ 9900	3840/3740	2136	4400	6340	5600	3618	2476	6094
	6.7L	10,000/ 9900	3040/2940	1143	4800	6340	5990	4263	2623	6886
SuperCab 4x2 — 148.0	6.2L	10,000/ 9900	3990/3890	2285	4100	6340	—	3380	2565	5945
	6.7L	10,000/ 9900	3180/3080	2139	4850	6340	—	4057	2692	6749
SuperCab 4x2 — 164.2	6.2L	10,000/ 9900	3880/3780	2175	4400	6340	—	3480	2575	6055
	6.7L	10,000/ 9900	3050/2950	2009	5000	6340	—	4179	2700	6879
SuperCab 4x4 — 148.0	6.2L	10,000/ 9900	3570/3470	1870	4800	6340	5600	3720	2640	6360
	6.7L	10,000/ 9900	2780/2680	1746	5200	6340	5990	4377	2765	7142
SuperCab 4x4 — 164.2	6.2L	10,000/ 9900	3480/3380	1780	4800	6340	5600	3829	2621	6450
	6.7L	10,000/ 9900	2660/2560	1627	5600	6340	5990	4507	2754	7261
Crew Cab 4x2 — 159.8	6.2L	10,000/ 9900	3890/3790	2187	4250	6340	—	3444	2599	6043
	6.7L	10,000/ 9900	3060/2960	2021	4850	6340	—	4127	2740	6867
Crew Cab 4x2 — 176.0	6.2L	10,000/ 9900	3660/3560	1958	4400	6340	—	3547	2725	6272
	6.7L	10,000/ 9900	2830/2730	1792	5250	6340	—	4279	2817	7096

Crew Cab 4x4 — 159.8	6.2L	10,000/ 9900	3480/3380	1784	4800	6340	5600	3800	2646	6446
	6.7L	10,000/ 9900	2670/2570	1638	5200	6340	5990	4454	2796	7250
Crew Cab 4x4 — 176.0	6.2L	10,000/ 9900	3230/3130	1528	5200	6340	5990	3981	2721	6702
	6.7L	10,000/ 9900	2390/2290	1362	5600	6340	5990	4660	2866	7526

(1) Pickup Box Delete available with Regular Cab 141.6" WB, SuperCab 164.2" WB and Crew Cab 176.0" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add 20 lbs. for SRW models and 22 lbs. for DRW models to the "Front" weight and subtract 366 lbs. for SRW models and 417 lbs. for DRW models from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

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

(3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add 366 lbs. for SRW models and 417 lbs. for DRW models. Please also refer to footnote 1.

(4) Gross Axle Weight Rating 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 GVW rating or GAWR (front or rear).

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

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3800 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain packages include the following front spring/GAWR upgrades: Heavy-service Front Suspension Package and Heavy-service Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snow Plow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

F-350 SRW Styleside Pickup/Pickup Box Delete with 17" Tires/Wheels

2019 F-250/F-350/F-450 Super Duty
Pickups

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II PROCESS NOTE II

F-350 SRW Styleside Pickup/Pickup Box Delete⁽¹⁾ with 17" Tires/Wheels — GVWR/Payload/Max. ARC/Max. Std. GAWR/Base Curb Weight

Cab Style/Drive/WB (in.)	Engine	Max. GVWR (lbs.) Std./Opt.	Max. Payload (lbs.) ⁽²⁾ Std./Opt.	Max. ARC Weight (lbs.) ⁽³⁾	Max. Std. GAWR (lbs.) ⁽⁴⁾		Front Snow Plow (lbs.)	Base Curb Wt. (lbs.)		
					Front	Rear		Front	Rear	Total
Regular Cab 4x2 — 141.6	6.2L	10,000	4080	2371	3950	6340	—	3351	2508	5859
	6.7L	10,600/10,000	3940/3340	—/1438	4550	6340	—	3906	2685	6591
Regular Cab 4x4 — 141.6	6.2L	10,300/10,000	3960/3660	—/1953	4400	6340	5600	3694	2583	6277
	6.7L	11,000/10,000	3920/2920	—/1024	5200	6340	5990	4300	2705	7005
SuperCab 4x2 — 148.0	6.2L	10,000	3820	2121	4250	6340	—	3457	2652	6109
	6.7L	10,800/10,000	3910/3110	—/2068	4700	6340	—	4028	2792	6820
SuperCab 4x2 — 164.2	6.2L	10,300/10,000	4010/3710	—/2008	4400	6340	—	3559	2663	6222
	6.7L	11,000/10,000	3980/2980	—/1941	5000	6340	—	4149	2798	6947
SuperCab 4x4 — 148.0	6.2L	10,400/10,000	3800/3400	—/1699	4800	6340	5600	3814	2717	6531
	6.7L	11,100/10,000	3790/2690	—/1655	5200	6340	5990	4355	2878	7233
SuperCab 4x4 — 164.2	6.2L	10,700/10,000	3990/3290	—/1590	4800	6340	5600	3932	2708	6640
	6.7L	11,300/10,000	3860/2560	—/1528	5600	6340	5990	4503	2857	7360
Crew Cab 4x2 — 159.8	6.2L	10,100/10,000	3760/3660	—/1960	4400	6340	—	3529	2741	6270
	6.7L	10,900/10,000	3820/2920	—/1887	4850	6340	—	4114	2887	7001
Crew Cab 4x2 — 176.0	6.2L	10,500/10,000	3930/3430	—/1733	4700/4550	6340	—	3711	2786	6497
	6.7L	11,100/10,000	3780/2680	—/1649	5250	6340	—	4270	2969	7239
Crew Cab 4x4 — 159.8	6.2L	10,500/10,000	3750/3250	—/1549	4800	6340	5600	3909	2772	6681
	6.7L	11,200/10,000	3710/2510	—/1476	5600	6340	5990	4472	2940	7412
Crew Cab 4x4 — 176.0	6.2L	10,800/10,000	3810/3010	—/1316	5200	6340	5990	4072	2842	6914

	6.7L	11,500/ 10,000	3760/2260	—/1225	5600	6340	5990	4659	3004	7663
	6.7L	11,400	3660	—	5600	6340	—	4659	3004	7663

(1) Pickup Box Delete available with Regular Cab 141.6" WB, SuperCab 164.2" WB and Crew Cab 176.0" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add 20 lbs. for SRW models and 22 lbs. for DRW models to the "Front" weight and subtract 366 lbs. for SRW models and 417 lbs. for DRW models from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

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

(3) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment (Accessory Reserve Capacity) for completed pickup truck models with standard equipment and the powertrain combination indicated. To adjust the OPT/ARC weights to reflect Pickup Box Delete, add 366 lbs. for SRW models and 417 lbs. for DRW models. Please also refer to footnote 1. ARC weights are reference only on incomplete vehicles greater than 10,000 lbs.

(4) Gross Axle Weight Rating 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 GVW rating or GAWR (front or rear).

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

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3800 lbs. to 5250 lbs. (4x2) and 4000 lbs. to 6000 lbs. (4x4). Certain packages include the following front spring/ GAWR upgrades: Heavy-service Front Suspension Package and Heavy-service Package For Pickup Box Delete — Front springs/ GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/ GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snow Plow Package — Front springs/ GAWR is assigned or specifically selected as shown in the chart above. Front spring/ GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

F-350 SRW 4x2 Styleside Pickup/Pickup Box Delete with 18" Tires/Wheels

2019 F-250/F-350/F-450 Super Duty Pickups

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!! PROCESS NOTE !!

F-350 4x2 SRW Styleside Pickup/Pickup Box Delete⁽¹⁾ with 18" Tires/Wheels — GVWR/Payload/Max. Std. GAWR/Base Curb Weight

Cab Style/ Drive/ WB (in.)	Engine	Max. GVWR (lbs.) Std./Opt.	Max. Payload (lbs.) ⁽²⁾ Std./Opt.	Max. Std. GAWR (lbs.) ⁽³⁾		Front Snow Plow (lbs.)	Base Curb Wt. (lbs.)		
				Front	Rear		Front	Rear	Total
Regular Cab 4x2 — 141.6	6.2L	10,400	4420	3950	6780	—	3360	2557	5917
	6.7L	11,100	4380	4550	6780	—	3984	2664	6648
SuperCab 4x2 — 148.0	6.2L	10,500	4260	4250	6780	—	3481	2689	6170
	6.7L	11,200	4250	4850	6780	—	4059	2818	6877
SuperCab 4x2 — 164.2	6.2L	10,800	4450	4550	6780	—	3604	2675	6279
	6.7L	11,500	4420	5000	6780	—	4153	2852	7005
	6.7L	11,400	4320	5000	6780	—	4153	2852	7005
Crew Cab 4x2 — 159.8	6.2L	10,600	4200	4250	6780	—	3550	2777	6327
	6.7L	11,300	4170	4850	6780	—	4140	2918	7058
Crew Cab 4x2 — 176.0	6.2L	10,900	4280	4700	6780	—	3746	2808	6554
	6.7L	11,500	4130	5250	6780	—	4319	2977	7296
	6.7L	11,400	4030	5250	6780	—	4319	2977	7296

(1) Pickup Box Delete available with Regular Cab 141.6" WB, SuperCab 164.2" WB and Crew Cab 176.0" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add 20 lbs. for SRW models and 22 lbs. for DRW models to the "Front" weight and subtract 366 lbs. for SRW models and 417 lbs. for DRW models from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

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

(3) Gross Axle Weight Rating 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 GVW rating or GAWR (front or rear).

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

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/ GAWR upgrades range from 3800 lbs. to 5250 lbs. (4x2) and 4400 lbs. to 6000 lbs. (4x4). Certain packages include the following front spring/ GAWR upgrades: Heavy-service Front Suspension Package and Heavy-service Package For Pickup Box Delete — Front springs/ GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/ GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snow Plow Package — Front springs/ GAWR is assigned or specifically selected as shown in the chart above. Front spring/ GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

F-350 SRW 4x4 Styleside Pickup/Box Delete with 18" All-Season Tires/Wheels

2019 F-250/F-350/F-450 Super Duty
Pickups

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II PROCESS NOTE II

F-350 SRW 4x4 Styleside Pickup/Pickup Box Delete⁽¹⁾ with 18" All-Season Tires/Wheels — GVWR/Payload/Max. Std. GAWR/Base Curb Weight

Cab Style/ Drive/ WB (in.)	Engine	Max. GVWR (lbs.) Std./Opt.	Max. Payload (lbs.) ⁽²⁾ Std./Opt.	Max. Std. GAWR (lbs.) ⁽³⁾		Front Snow Plow (lbs.)	Base Curb Wt. (lbs.)		
				Front	Rear		Front	Rear	Total
Regular Cab 4x4 — 141.6	6.2L	10,800	4400	4400	6780	5600	3771	2563	6334
	6.7L	11,500	4360	5200	6780	5990	4360	2702	7062
	6.7L	11,400	4260	5200	6780	—	4360	2702	7062
SuperCab 4x4 — 148.0	6.2L	10,800	4140	4800	6780	5600	3844	2744	6588
	6.7L	11,500	4130	5200	6780	5990	4415	2876	7291
	6.7L	11,400	4030	5200	6780	—	4415	2876	7291
SuperCab 4x4 — 164.2	6.2L	11,200	4430	4800	6780	5990	3953	2744	6697
	6.7L	11,500	4000	5600	6780	5990	4538	2879	7417
	6.7L	11,400	3900	5600	6780	5990	4538	2879	7417
Crew Cab 4x4 — 159.8	6.2L	10,900	4090	4800	6780	5990	3927	2811	6738
	6.7L	11,500	3950	5600	6780	5990	4508	2961	7469
	6.7L	11,400	3850	5600	6780	5990	4508	2961	7469
Crew Cab 4x4 — 176.0	6.2L	11,300	4250	5200	6780	5990	4106	2866	6972
	6.7L	11,500	3700	5600	6780	5990	4658	3062	7720
	6.7L	11,400	3600	5600	6780	5990	4658	3062	7720

(1) Pickup Box Delete available with Regular Cab 141.6" WB, SuperCab 164.2" WB and Crew Cab 176.0" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add 20 lbs. for SRW models and 22 lbs. for DRW models to the "Front" weight and subtract 366 lbs. for SRW models and 417 lbs. for DRW models from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

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

(3) Gross Axle Weight Rating 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 GVW rating or GAWR (front or rear).

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

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3800 lbs. to 5250 lbs. (4x2) and 4400 lbs. to 6000 lbs. (4x4). Certain packages include the following front spring/GAWR upgrades: Heavy-service Front Suspension Package and Heavy-service Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snow Plow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

F-350 SRW 4x4 Pickup/Box Delete w/ 18" (20" w/Diesel) All-Terrain Tires/ Wheels

2019 F-250/F-350/F-450 Super Duty
Pickups

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F-350 SRW 4x4 Styleside Pickup/Pickup Box Delete⁽¹⁾ with 18" (inc. 20" with Diesel) All-Terrain Tires/Wheels — GVWR/Payload/Max. Std. GAWR/Base Curb Weight

Cab Style/ Drive/ WB (in.)	Engine	Max. GVWR (lbs.) Std./Opt.	Max. Payload (lbs.) ⁽²⁾ Std./Opt.	Max. Std. GAWR (lbs.) ⁽³⁾		Front Snow Plow (lbs.)	Base Curb Wt. (lbs.)		
				Front	Rear		Front	Rear	Total
Regular Cab 4x4 — 141.6	6.2L	11,300	4890	4400	7230	5600	3739	2600	6339
	6.7L	11,400	4260	5200	7230	5990	4345	2722	7067
	6.7L	11,500	4360	5200	7230	5990	4345	2722	7067
SuperCab 4x4 — 148.0	6.2L	11,300	4640	4800	7230	5600	3847	2746	6593
	6.7L	11,400	4030	5200	7230	5990	4385	2910	7295
	6.7L	11,500	4130	5200	7230	5990	4385	2910	7295
SuperCab 4x4 — 164.2	6.2L	11,500	4730	4800	7230	5990	3959	2743	6702
	6.2L	11,400	4630	5200	7230	5990	3959	2743	6702
	6.7L	11,400	3900	5600	7230	5990	4505	2917	7422
	6.7L	11,500	4000	5600	7230	5990	4505	2917	7422
Crew Cab 4x4 — 159.8	6.2L	11,300	4480	4800	7230	5990	3927	2816	6743
	6.7L	11,400	3850	5200	7230	5990	4473	3001	7474
	6.7L	11,500	3950	5200	7230	5990	4473	3001	7474
Crew Cab 4x4 — 176.0	6.2L	11,500	4450	5200	7230	5990	4076	2901	6977
	6.2L	11,400	4350	5200	7230	5990	4076	2901	6977
	6.7L	11,400	3590	5600	7230	5990	4649	3076	7725
	6.7L	11,500	3690	5600	7230	5990	4649	3076	7725

(1) Pickup Box Delete available with Regular Cab 141.6" WB, SuperCab 164.2" WB and Crew Cab 176.0" WB models with 6.2L or 6.7L engines only. Base Curb Weights shown above are for completed pickup truck models with standard equipment and the engine/transmission combination indicated. To adjust the "Base Curb Weight" to reflect Pickup Box Delete, add 20 lbs. for SRW models and 22 lbs. for DRW models to the "Front" weight and subtract 366 lbs. for SRW models and 417 lbs. for DRW models from the "Total" weight (adjust the "Rear" weight by subtracting "Front" from "Total"). This provides the weight effect of deleting the pickup box, rear step bumper and standard spare tire, wheel and carrier. Please also refer to footnote 3.

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

(3) Gross Axle Weight Rating 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 GVW rating or GAWR (front or rear).

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

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3800 lbs. to 5250 lbs. (4x2) and 4400 lbs. to 6000 lbs. (4x4). Certain packages include the following front

spring/GAWR upgrades: Heavy-service Front Suspension Package and Heavy-service Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snow Plow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

F-350 DRW

[Specs](#) > [Dimensions/Weights/Capacities](#) > [Weight Ratings](#)

!! PROCESS NOTE !!

F-350 DRW Styleside Pickup — GVWR/Payload/Max. Std. GAWR/Base Curb Weight

Cab Style/ Drive/ WB (in.)	Engine	Max. GVWR (lbs.) Std./Opt.	Max. Payload (lbs.) ⁽¹⁾ Std./Opt.	Max. Std. GAWR (lbs.) ⁽²⁾		Front Snow Plow (lbs.)	Base Curb Wt. (lbs.)		
				Front	Rear		Front	Rear	Total
Regular Cab 4x2 — 141.6	6.2L	14,000	7640	4100	10,300	—	3388	2901	6289
	6.2L	13,000	6640	4100	10,300	—	3388	2901	6289
	6.7L	14,000	6900	4700	9900	—	3985	3039	7024
Regular Cab 4x4 — 141.6	6.2L	14,000	7230	4800	9900	5600	3722	2972	6694
	6.2L	13,000	6230	4400	9900	5600	3722	2972	6694
	6.7L	14,000	6510	5200	9900	5990	4324	3089	7413
SuperCab 4x2 — 164.2	6.2L	14,000	7200	4550	9900	—	3629	3101	6730
	6.2L	13,000	6200	4550	9900	—	3629	3101	6730
	6.7L	14,000	6480	5250	9900	—	4273	3171	7444
SuperCab 4x4 — 164.2	6.2L	14,000	6780	5200	9900	5990	3953	3186	7139
	6.2L	13,000	5780	5200	9900	5990	3953	3186	7139
	6.7L	14,000	6060	5600	9900	5990	4568	3288	7856
Crew Cab 4x2 — 176.0	6.2L	14,000	6970	4700	9900	—	3776	3180	6956
	6.2L	13,000	5970	4700	9900	—	3776	3180	6956
	6.7L	14,000	6240	5250	9900	—	4349	3326	7675
Crew Cab 4x4 — 176.0	6.2L	14,000	6550	5200	9900	5990	4107	3264	7371
	6.2L	13,000	5550	5200	9900	5990	4107	3264	7371
	6.7L	14,000	5790	5990	9900	5990	4721	3400	8121

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

(2) Gross Axle Weight Rating 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 GVW rating or GAWR (front or rear).

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

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/ GAWR upgrades range from 3800 lbs. to 5250 lbs. (4x2) and 4400 lbs. to 6000 lbs. (4x4). Certain packages include the following front spring/ GAWR upgrades: Heavy-service Front Suspension Package and Heavy-service Package For Pickup Box Delete — Front springs/ GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/ GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snow Plow Package — Front springs/ GAWR is assigned or specifically selected as shown in the chart above. Front spring/ GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

F-350 DRW Pickup Box Delete

[Specs](#) > [Dimensions/Weights/Capacities](#) > [Weight Ratings](#)

!! PROCESS NOTE !!

F-350 DRW Pickup Box Delete — GVWR/Payload/Max. Std. GVWR/Base Curb Weight

Cab Style/ Drive/ WB (in.)	Engine	Max. GVWR (lbs.) Std./Opt.	Max. Payload (lbs.) ⁽¹⁾ Std./Opt.	Max. Std. GAWR (lbs.) ⁽²⁾		Front Snow Plow (lbs.)	Base Curb Wt. (lbs.)		
				Front	Rear		Front	Rear	Total
Regular Cab 4x2 — 141.6	6.7L	13,000	6320	4700	9900	—	4020	2587	6607
Regular Cab 4x4 — 141.6	6.7L	13,000	5930	5200	9900	5990	4359	2637	6996
SuperCab 4x2 — 164.2	6.7L	13,000	5900	5250	9900	—	4308	2719	7027
SuperCab 4x4 — 164.2	6.7L	13,000	5480	5600	9900	5990	4603	2836	7439
Crew Cab 4x2 — 176.0	6.7L	13,000	5660	5250	9900	—	4384	2874	7258
Crew Cab 4x4 — 176.0	6.7L	13,000	5210	5990	9900	5990	4756	2948	7704

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

(2) Gross Axle Weight Rating 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 GVW rating or GAWR (front or rear).

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

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/ GAWR upgrades range from 3800 lbs. to 5250 lbs. (4x2) and 4400 lbs. to 6000 lbs. (4x4). Certain packages include the following front spring/ GAWR upgrades: Heavy-service Front Suspension Package and Heavy-service Package For Pickup Box Delete — Front springs/ GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/ GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snow Plow Package — Front springs/ GAWR is assigned or specifically selected as shown in the chart above. Front spring/ GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

F-450 DRW Pickup

[Specs](#) > [Dimensions/Weights/Capacities](#) > [Weight Ratings](#)

!! PROCESS NOTE !!

F-450 DRW Styleside Pickup — GVWR/Payload/Max. Std. GAWR/Base Curb Weight

Cab Style/ Drive/ WB (in.)	Engine	Max. GVWR (lbs.) Std./Opt.	Max. Payload (lbs.) ⁽¹⁾ Std./Opt.	Max. Std. GAWR (lbs.) ⁽²⁾		Front Snow Plow (lbs.)	Base Curb Wt. (lbs.)		
				Front	Rear		Front	Rear	Total
Regular Cab — 4x2 141.6	6.7L	14,000	6190	5200	9900	—	4403	3327	7730
Regular Cab — 4x4 141.6	6.7L	14,000	5880	5600	9900	6000	4673	3357	8030
Crew Cab 4x2 — 176.0	6.7L	14,000	5630	5600	9900	—	4672	3608	8280
Crew Cab 4x4 — 176.0	6.7L	14,000	5310	6000	9900	6000	4924	3676	8600

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

(2) Gross Axle Weight Rating 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 GVW rating or GAWR (front or rear).

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

NOTE: The standard front spring/GAWR on Pickup models is computer-selected based on the total front weight of options ordered. Front spring/GAWR upgrades range from 3800 lbs. to 5250 lbs. (4x2) and 4400 lbs. to 6000 lbs. (4x4). Certain packages include the following front spring/GAWR upgrades: Heavy-duty Front Suspension Package and Heavy-duty Package For Pickup Box Delete — Front springs/GAWR will be selected 1 upgrade higher than standard computer selection; Camper Package — Front springs/GAWR will be selected 2 upgrades higher than standard computer selection on 4x2 models and 1 upgrade higher than standard computer selection on 4x4 models; Snow Plow Package — Front springs/GAWR is assigned or specifically selected as shown in the chart above. Front spring/GAWR upgrade is not included if the maximum front spring has been computer-selected as a consequence of options ordered.

Actual Regular Production Option Content Weight

2019 F-250/F-350/F-450 Super Duty
Pickups

[Specs](#) > Dimensions/Weights/Capacities

Option Weight	(Front/ Total) (lbs.)
TIRES & WHEELS	
Less spare tire	(0/-92)
LT245/75R17E A/T OWL (DRW only)	(-1/-2)
LT245/75R17E A/T BSW (DRW only)	(-1/-2)
LT265/70R17E A/T OWL (F-250-/F-350 SRW)	(9/23)
LT275/65R18E A/S BSW (F-250/F-350 SRW)	(18/44)
LT275/70R18E A/T OWL Premium (F-250/F-350 SRW)	(28/69)
LT275/65R20E A/T OWL (F-250/F-350 SRW)	(32/81)
Wheels, 20" Cast Aluminum (SRW 4x4)	(-2/1)
Wheels, 17" x 7.5" Cast Aluminum – 5-spoke (F-250/F-350 SRW)	(-22/-43)
Wheels, 18" Forged, Polished Aluminum (F-250/F-350 SRW)	(-10/-20)
Wheels, 18" Cast Aluminum – 5-spoke (F-250/F-350 SRW)	(-22/44)
Wheels, 20" Cast Aluminum King Ranch® (F-250/F-350 SRW)	(-4/-8)
Wheels, 20" Cast Aluminum (F-250/F-350 SRW 4x4 only)	(-6/-12)
Wheels, 18" Steel (F-350 SRW)	(12/24)
Wheels, 18" Cast Aluminum (F-350 SRW)	(-11/-23)
Wheels, 17" Forged Aluminum (F-350 DRW)	(-52/-104)
PACKAGES	
Lariat Sport Package	TBD
Lariat Trim (SuperCab)	Gas (25/42) Diesel (30/51)
Lariat Trim (Crew Cab)	Gas (30/51) Diesel (34/57)
King Ranch	Crew Cab Gas (30/51) Diesel (33/55)
Platinum Trim (Crew Cab)	(6/8)
Limited Trim (Crew Cab)	TBD
Power Equipment Group (Crew Cab)	(15/21)
Power Equipment Group	Regular

	Cab (12/15) SuperCab (14/18)
Rear Auxiliary Spring Package (F-250 4x2 Gasoline)	(0/57)
Rear Auxiliary Spring Package (F-250 4x2 Diesel)	(0/38)
Rear Auxiliary Spring Package (F-250 4x4 Regular Cab)	(0/18)
Rear Auxiliary Spring Package (F-250 4x4 SuperCab & Crew Cab)	(0/38)
Skid Plate Package (Regular Cab)	Gas (16/36) Diesel (18/40)
Skid Plate Package (SuperCab)	Gas (18/40) Diesel (18/41)
Skid Plate Package (Crew Cab)	Gas (18/40) Diesel (18/41)
XLT Trim (Regular Cab)	Gas (10/16) Diesel (14/23)
XLT Trim (SuperCab)	Gas (10/16) Diesel (20/33)
XLT Trim (Crew Cab)	Gas (13/22) Diesel (24/40)
OPTIONS	
110V/400W Outlet	(2/4)
5th-wheel/Gooseneck Hitch (understructure)	(0/108)
5th-wheel Hitch Kit	25K DRW (0/126) 18K (0/142)
Adjustable Gas & Brake Pedals	(4/7)
Air Conditioning (DEATC)	(3/3)
Alternator, Extra-heavy-duty	(3/3)
Alternators, Dual	(14/14)
Axle, Limited-slip, Rear	(0/11)
Battery, 750-CCA, 78-AH	(2/2)
Battery, Med. Duty (Dual Option on Gas only)	(32/45)
Bed Extender	(-2/20)
Bed Mat, 6.75' Box	(0/44)

Bed Mat, 8' Box	(0/58)
Blind Spot Monitoring	(1/1)
Cab Steps, Platform-type, Composite w/o Lights (Regular Cab)	(16/29)
Cab Steps, Platform-type, Composite w/o Lights (SuperCab)	(22/39)
Cab Steps, Platform-type, Composite w/o Lights (Crew Cab)	(23/41)
Cab Steps, Power Deployable (Crew Cab)	(33/61)
Cab Steps, Extended Length (SuperCab)	(36/66)
Cab Steps, Extended Length (Crew Cab)	(40/73)
Cab Steps, 5" Tubular-type (SuperCab)	(17/31)
Cab Steps, 5" Tubular-type (Crew Cab)	(18/34)
Cab Steps, Illuminated (Crew Cab)	(19/35)
Cab Steps, Chrome, Angular-type (SuperCab)	(17/31)
Cab Steps, Chrome, Angular-type (Crew Cab)	(21/38)
Chrome Exhaust Tip	(0/3)
Cleats Tie-Down	(2/5)
Cruise Control	(3/4)
Electronic-locking Differential (Diesel Engine)	(1/3)
Electronic-locking Differential (Gasoline Engine)	(2/12)
Electronic Shift-on-the-fly Transfer Case	(3/3)
Gooseneck Hitch Kit	(0/10)
Floor Cover, Carpet	(3/3)
Floor Mats, All-weather (Regular Cab)	(3/4)
Floor Mats, All-weather (SuperCab)	(6/10)
Floor Mats, All-weather (Crew Cab)	(7/11)
Floor Mats, King Ranch	(4/5)
Fog Lamps	(4/4)
FX4 Off-Road Package	(2/4)
Heated/Cooled Seats (Driver & Front Passenger)	(2/3)
Heater, Engine Block	(1/1)
King Ranch Chrome	(6/8)
LED Headlamps	(1/1)
Lights, Roof Clearance	(2/2)
Mirror, Electrochromic	(1/1)
Mirror, Electrochromic with Video Display	(1/2)
Mirrors, Power/Heat, Dual Trailer Tow	(8/13)
Moldings, Bodyside	(2/3)
Moonroof — Single-panel (SuperCab)	(31/51)

Moonroof — Twin-panel (Crew Cab)	(35/64)
Moonroof, Power Slide	(20/36)
Pickup Box Delete (SRW)	(20/-366)
Pickup Box Delete (DRW)	(20/-417)
Power Driver Seat (6-way)	(5/7)
Power Driver & Passenger Seat (10-way)	(18/25)
Radio Delete	(5/7)
Radio — AM/FM/MP3 with 4 Speakers	TBD
Radio — AM/FM/MP3 with 5 Speakers	TBD
Radio — AM/FM/MP3 with 6 speakers	TBD
Radio — AM/FM/MP3 with 7 speakers	TBD
Radio — B&O PLAY™ Premium Audio System by HARMAN with 10 Speakers and Subwoofer (SuperCab/Crew Cab)	TBD
Rapid-heat Supplemental Cab Heater	(3/3)
Rear Stabilizer Bar — 4x2/4x4	(1/17)
Rear Under-seat Stowage Bin (SuperCab & Crew Cab)	(11/22)
Rear Window Defrost	(1/3)
Reverse Sensing System	(0/1)
Seats, Individual 40/20/40 Bench	(1/-1)
Seats, Individual 40/40 Driver & Passenger	(-4/-7)
Seats, Load Floor Rear Bench (Crew Cab)	(9/18)
Seat, Driver, 6-way Power Adjust	(5/7)
Seat, Driver/Passenger 10-way Power	(18/25)
SiriusXM® Satellite Radio	(2/3)
Splash Guards (SRW)	(2/3)
Splash Guards (DRW)	(0/2)
Spray-in Bedliner (6.75' Box)	(0/16)
Spray-in Bedliner (8.0' Box)	(1/20)
SYNC	(1/1)
Tailgate Step	(-8/33)
Tonneau Cover (Rollup)	(5/30)
Towing Vision System	(0/2)
Trailer Brake Controller	(1/1)
Trailer Camera	(0/1)
Window, Manual-sliding Rear	(5/7)
Window, Power-sliding Rear	(5/8)
Maximum Payload Rating Weight Less Total Actual Regular Production Option Content Weight (from Line A above) = Net Payload	

F-250 Styleside Pickup/Pickup Box Delete⁽¹⁾

2019 F-250/F-350/F-450 Super Duty Pickups

[Specs](#) > Standard Equipment

!! PROCESS NOTE !!

DRIVE:		4x2	4x4
Powertrain		Refer to the Ordering Guide for 50 States Usage	
Engine	Type	6.2L FFV V8	
Transmission	Type	TorqShift Automatic	
	Speeds	6-speed TorqShift–G SelectShift with Tow/Haul Mode	
Transfer Case	Type	—	Part-time, 2-speed
	Low/High Gear Ratio	—	2.64:1/1.00:1
Axles			
Front Axle	Type	Twin I-beam IFS, Ford	Monobeam, Dana M256
	Capacity (Rating @ Ground)	5250 lbs.	6000 lbs.
	Hubs Type	—	Manual Locking
Rear Axle	Type — Full-floating	Ford Sterling	Full Float Beam 10.5"
	Capacity (Rating @ Ground)	6200 lbs.	
Brakes			
Front/Rear Disc	Type	Dual-piston Pin-slider Calipers, Bolt-on Adapters, Wraparound Tie Bars	
	Rotor Diameter — Front/Rear (in.)	14.29/14.29	
Power Assist Unit	Type	Vacuum Boost	
	Effective Diameter (in.)	10.0	
Anti-Lock Braking System		4-wheel (4-channel); AdvanceTrac with RSC (Roll Stability Control)	
Parking Brake (Rear Brakes) (in.)		9.06 Drum-In-hat (Foot-operated, Hand Release)	
Electrical			
Alternator	Rating	157-AH, 2100 Watts (gas); 200-AH (gas); 240-AH with Gas; 175-AH (diesel); (single 220-AH or dual-combined 377-AH opt with 6.7L V8 Diesel)	
Battery	Type	Maintenance-free	
	Rating	72-AH, 650 CCA (XL, gas); single 78-AH, 750 CCA (NA XL); dual 78-AH, 750 CCA, 12-volt; dual w/Gas (opt), 6.7L Diesel (Std)	
Harnesses	Type	Trailer 7/4-wire Harness and Connector/Trailer Brake Wiring/Feed Kit (In-cab, No Controller)	
Fuel Tank	Capacity (gal.)	Gasoline: 34.0 (142", 148", 164", 160" WB), 48.0 (176" WB) Diesel: 29.0 (142", 148" WB), 34.0 (164", 160" WB), 48.0 (176" WB)	

Jack	Capacity	2-ton	
Steering	Type	Hydraulic Power-assisted steering with Recirculating Ball Gear and steering damper	
	Ratio	Variable	
Suspension			
Frame	Type	Ladder-type, 50,000 psi Steel (95% of frame); fully boxed frame	
	Section Modulus (cu. in.) ⁽²⁾	10.7	
Springs, Front	Type	Coil, Computer-selected	
	Rating @ Ground (min.)	Refer to Weight Ratings for usage and ratings	
Springs, Rear	Type	Leaf, Two-stage Variable-rate Main, Optional Leaf, Two-stage Variable	
	Rating @ Ground (min.)	Refer to Weight Ratings for usage and ratings	
Shock Absorbers	Gas-type (in.)	1.38	
Stabilizer Bar	Front/Rear (mm)	34/22	28/22 (rear opt on SRW)
Tires	Type	Steel-belted Radial, All-season, BSW	
	Size	Refer to tire specifications section	
	Spare Tire Carrier	Rear Underframe, Crank-down Type (Includes Lock)	
Wheels	Type and Size	Five, 8-hole Disc, 17" x 7.5" J steel	

(1) Available with Regular Cab, 164" WB SuperCab and 176" WB Crew Cab with 6.2L. Pickup Box Delete option allows aftermarket installation of a second unit body. For details refer to the Ford Body Builders Layout Book.

(2) 95% of full frame.

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

F-350 SRW Styleside Pickup/Pickup Box Delete⁽¹⁾

2019 F-250/F-350/F-450 Super Duty Pickups

[Specs](#) > Standard Equipment

!! PROCESS NOTE !!

DRIVE:		4x2	4x4
Powertrain		Refer to the Ordering Guide for 50 States Usage	
Engine	Type	6.2L FFV V8	
Transmission	Type	TorqShift Automatic	
	Speeds	6-speed SelectShift with Tow/Haul Mode	
Transfer Case	Type	—	Part-time, 2-speed
	Low/High Gear Ratio	—	2.64:1/1.00:1
Axles			
Front Axle	Type	Twin I-beam IFS, Ford	Monobeam, Dana M256
	Capacity (Rating @ Ground)	5250 lbs.	6000 lbs.
	Hubs Type	—	Manual Locking
Rear Axle	Type — Full-floating	Ford and Dana M275	
	Capacity (Rating @ Ground)	6200 lbs.	
Brakes			
Front/Rear Disc	Type	Dual-piston Pin-slider Calipers, Bolt-on Adapters, Wraparound Tie Bars	
	Rotor Diameter — Front/Rear (in.)	14.29/14.29	
Power Assist Unit	Type	Vacuum Boost	
	Effective Diameter (in.)	10.0	
Anti-Lock Braking System		4-wheel (4-channel); AdvanceTrac with RSC (Roll Stability Control)	
Parking Brake (Rear Brakes) (in.)		9.06 Drum-In-hat (Foot-operated, Hand Release)	
Electrical			
Alternator	Rating	157-AH, 2100 Watts (gas); 200-AH (gas); 240-AH (Lariat) with Gas; 175-AH (diesel); (single 220-AH or dual-combined 377-AH opt)	
Battery	Type	Maintenance-free	
	Rating	72-AH, 650 CCA (XL, gas); single 78-AH, 750 CCA (NA XL); dual 78-AH, 750 CCA, 12-volt; dual w/Gas (opt), 6.7L (std)	
Harnesses	Type	Trailer 7/4-wire Harness and Connector/Trailer Brake Wiring/Feed Kit (In-cab, No Controller)	
Fuel Tank	Capacity (gal.)	Gasoline: 34.0 (142" , 148", 164", 160" WB), 48.0 (176" WB) Diesel: 29.0 (142", 148" WB), 34.0 (164", 160" WB), 48.0 (176" WB)	

Jack	Capacity	2-ton	
Steering	Type	Hydraulic Power-assisted steering with Recirculating Ball Gear and steering damper	
	Ratio	Variable	
Suspension			
Frame	Type	Ladder-type, 50,000 psi Steel (95% of frame); fully boxed frame	
	Section Modulus (cu. in.) ⁽²⁾	10.7	
Springs, Front	Type	Coil, Computer-selected	
	Rating @ Ground (min.)	Refer to Weight Ratings for usage and ratings	
Springs, Rear	Type	Leaf, Two-stage Variable-rate Main Plus Auxiliary	
	Rating @ Ground (min.)	Refer to Weight Ratings for usage and ratings	
Shock Absorbers	Gas-type (in.)	1.38	
Stabilizer Bar	Front/Rear	34/22	28/22 (rear opt on SRW P/U)
Tires	Type	Steel-belted Radial, All-season, BSW	
	Size	Refer to tire specifications section	
	Spare Tire Carrier	Rear Underframe, Crank-down Type (Includes Lock)	
Wheels	Type and Size	Five, 8-hole Disc, 17" x 7.5" J steel	

(1) Available with Regular Cab, 164" WB SuperCab and 176" WB Crew Cab with 6.2L. Pickup Box Delete option allows aftermarket installation of a second unit body. For details refer to the Ford Body Builders Layout Book.

(2) 95% of full frame.

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

F-350 DRW Styleside Pickup/Pickup Box Delete⁽¹⁾

2019 F-250/F-350/F-450 Super Duty
Pickups

[Specs](#) > Standard Equipment

!! PROCESS NOTE !!

DRIVE:		4x2	4x4
Powertrain		Refer to the Ordering Guide for 50 States Usage	
Engine	Type	6.2L FFV V8	
Transmission	Type	TorqShift Automatic	
	Speeds	6-speed SelectShift with Tow/Haul Mode	
Transfer Case	Type	—	Part-time, 2-speed
	Low/High Gear Ratio	—	2.64:1/1.00:1
Axles			
Front Axle	Type	Twin I-beam IFS, Ford	Monobeam, Dana M256
	Capacity (Rating @ Ground)	5250 lbs.	6000 lbs.
	Hubs Type	—	Manual Locking
Rear Axle	Type — Full-floating	Dana M300	
	Capacity (Rating @ Ground)	9650 lbs.	
Brakes			
Front/Rear Disc	Type	Dual-piston Reverse Pin-slider Calipers, Bolt-on Adapters, Wraparound Tie Bars	
	Rotor Diameter — Front/Rear (in.)	14.29/14.29	
Power Assist Unit	Type	Hydro-boost	
	Effective Diameter (in.)	1.56 Power Piston	
Anti-Lock Braking System		4-wheel (4-channel); AdvanceTrac with RSC (Roll Stability Control)	
Parking Brake (Rear Brakes) (in.)		9.06 Drum-in-hat (Foot-operated, Hand Release)	
Electrical			
Alternator	Rating	157-AH, 2100 Watts (gas); 200-AH (gas); 240-AH (Lariat) with Gas; 175-AH (diesel); (single 220-AH or dual-combined 377-AH opt)	
Battery	Type	Maintenance-free	
	Rating	72-AH, 650 CCA (XL, gas); single 78-AH, 750 CCA (NA XL); dual 78-AH, 750 CCA, 12-volt; dual w/Gas (opt), 6.7L (Std)	
Harnesses	Type	Trailer 7/4-wire Harness and Connector/Trailer Brake Wiring/Feed Kit (In-cab, No Controller)	
Fuel Tank	Capacity (gal.)	Gasoline: 34.0 (142" , 148", 164", 160" WB), 48.0 (176" WB) Diesel: 29.0 (142", 148" WB), 34.0 (164", 160" WB), 48.0 (176" WB)	

Jack	Capacity	4-ton	
Steering	Type	Hydraulic Power-assisted steering with Recirculating Ball Gear and steering damper	
	Ratio	Variable	
Suspension			
Frame	Type	Ladder-type, 50,000 psi Steel (95% of frame); fully boxed frame	
	Section Modulus (cu. in.) ⁽²⁾	10.7	
Springs, Front	Type	Coil, Computer-selected	
	Rating @ Ground (min.)	Refer to Weight Ratings for usage and ratings	
Springs, Rear	Type	Leaf, Two-stage Variable Rate Main Plus Auxiliary	
	Rating @ Ground (min.)	Refer to Weight Ratings for usage and ratings	
Shock Absorbers	Gas-Type (in.)	1.38	
Stabilizer Bar	Gas — Front/Rear (mm)	25/22	24/22
Stabilizer Bar	Diesel — Front/Rear (mm)	34/31	28/25
Tires	Type	Steel-belted Radial, All-season, BSW	
	Size	Refer to tire specifications sections	
	Spare Tire Carrier	Rear Underframe, Crank-down Type (Includes Lock)	
Wheels	Type and Size	Seven, 8-hole Disc, 17" x 6.5" J Steel	

(1) Available with Regular Cab, 164" WB SuperCab and 176" WB Crew Cab with 6.2L. Pickup Box Delete option allows aftermarket installation of a second unit body. For details refer to the Ford Body Builders Layout Book.

(2) 95% of full frame.

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

F-450 DRW Styleside Pickup⁽¹⁾[Specs](#) > Standard Equipment

DRIVE:		4x2/4x4
Powertrain		Refer to the Ordering Guide for 50 States Usage
Engine	Type	6.7L Power Stroke V8 Turbo Diesel (B20 Biodiesel capable)
Transmission	Type	TorqShift Automatic
	Speeds	6-speed SelectShift with Tow/Haul Mode
Transfer Case	Type	Part-time, 2-speed
	Low/High Gear Ratio	2.64:1/1.00:1
Axles		
Front Axle	Type	Monobeam, Dana M256
	Capacity (Rating @ Ground)	7000 lbs.
	Hubs Type	Manual Locking
Rear Axle	Type — Full-floating	Dana M300
	Capacity (Rating @ Ground)	9650 lbs.
Brakes		
Front/Rear Disc	Type	Dual-piston Pin-slider Calipers, Bolt-on Adapters, Wraparound Tie Bars
	Rotor Diameter — Front/Rear (in.)	15.39/15.74
Power Assist Unit	Type	Hydro-boost
	Effective Diameter (in.)	1.56 Power Piston
Anti-Lock Braking System		4-wheel (4-channel); AdvanceTrac with RSC (Roll Stability Control)
Parking Brake (Rear Brakes) (in.)		9.06 Drum-in-hat (Foot-operated, Hand Release)
Electrical		
Alternator	Rating	175-AH (XL); single 220-AH; dual-combined 332-AH or dual-combined 377-AH option
Battery	Type	Maintenance-free
	Rating	Dual 78-AH, 750 CCA
Harnesses	Type	Trailer 7/4-wire Harness and Connector/Trailer Brake Wiring/Feed Kit (In-cab, No Controller)
Fuel Tank	Capacity (gal.)	48.0
Jack	Capacity	4-ton
Steering	Type	Hydraulic Power-assisted steering with Recirculating Ball Gear and steering damper

	Ratio	Variable
Suspension		
Frame	Type	Ladder Type, 50,000 psi Steel; fully boxed frame
	Section Modulus (cu. in.) ⁽²⁾	10.7
Springs, Front	Type	Coil, Assigned Rating
	Rating @ Ground (min.)	Refer to Weight Ratings for usage and ratings
Springs, Rear	Type	Leaf, Two-Stage Variable Rate Main Plus Auxiliary
	Rating @ Ground (min.)	Refer to Weight Ratings for usage and ratings
Shock Absorbers	Gas-Type (in.)	1.38
Stabilizer Bar	Front/Rear (mm)	35/31
Tires	Type	Steel-belted Radial, All-season, BSW
	Size	Refer to tire specifications section
	Spare Tire Carrier	Rear Underframe, Crank-down Type (Includes Lock)
Wheels	Type and Size	Seven, 8-hole Disc, 19.5" Aluminum

(1) Available with Regular Cab, 164" WB SuperCab and 176" WB Crew Cab with 6.2L. Pickup Box Delete option allows aftermarket installation of a second unit body. For details refer to the Ford Body Builders Layout Book.

(2) 95% of full frame.

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

Automatic Transmission

[Specs](#) > Powertrain

Make/Type	TorqShift-G 6-Speed SelectShift Automatic Overdrive	TorqShift 6-speed SelectShift Automatic Overdrive
Application	F-250 with 6.2L FFV V8 (E85 Flex Fuel)	6.2L FFV V8 (E85 Flex Fuel) and 6.7L V8 Diesel (B20)
Ratios (to 1):		
1st	4.17	3.97
2nd	2.34	2.31
3rd	1.52	1.51
4th	1.14	1.14
5th	0.87	0.85
6th	0.69	0.67
Reverse	3.4	3.12
Converter Torque Ratio @ WOT Stall	2.01	1.9
Lubricant Capacity (qts.)	11.2 Qts./10.6 Liters (including cooling system)	16.3 Qts./15.4 Liters (6.7L), 17.4 Qts./16.5 Liters (6.2L)
Power Takeoff Data	—	6.2L FFV V8, 6.7L V8 Diesel (Optional for all engine applications)
Opening	—	SAE 6-bolt, LH Side
Gear ratio	—	1.00 Direct Drive
Pitch line diameter velocity @ 1000 engine rpm (ft./min.)	—	1118
rpm @ 1000 engine rpm	—	1000
Number of teeth	—	52
Pitch diameter (in.)	—	4.27055 in. (108.472 mm)
Module	—	2.086
Normal pressure angle	—	19.339°
Helix angle	—	RH Spur Gear

— = Not Available

Auxiliary Automatic Transmission Oil Cooler Applications

2019 F-250/F-350/F-450 Super Duty
Pickups

[Specs](#) > Powertrain

Model	Engine	Transmission	Cooler — No. of Channels
All	6.2L FFV V8	6-speed SelectShift Automatic with Tow/Haul Mode	16
	6.7L Power Stroke V8 Turbo Diesel	6-speed SelectShift Automatic with Tow/Haul Mode	None

Engine

[Specs](#) > Powertrain

Driveline Layout	Front Engine, Rear Wheel (RWD) or 4x4	
Engine Type	6.2L FFV V8 Gas	6.7L Power Stroke V8 Turbo Diesel
Displacement (liters/cu. in.)	6.2/379	6.7/406
Horsepower (@ rpm)	385 @ 5750	450 @ 2800
Torque (lb.-ft. @ rpm)	430 @ 3800	935 @ 1800
Compression Ratio	9.8:1	16.2:1
Valvetrain	SOHC	OHV
Valve Operation	Roller rocker shaft	Push rod/rocker arms
Bore & Stroke (in.)	4.02 x 3.74	3.90 x 4.25
Main Bearings	4	5
Induction	Naturally aspirated	Single turbocharged
Fuel System	Sequential multi-port	Direct-injection
Fuel Requirement (octane)	87 (min.)/E85	ULSD Diesel/B20 biodiesel

Fuel System Data

[Specs](#) > Powertrain

Electronic Fuel Injection	6.2L FFV V8	Sequential Multi-port Fuel Injection
	6.7L Power Stroke V8 Turbo Diesel	High-pressure Common Rail Fuel System
Fuel Pump	6.2L FFV V8	Single Electric-in-tank High-pressure (One Per Tank)
Fuel Filter	6.2L FFV V8	In-tank Large Capacity (One)
	6.7L Power Stroke V8 Turbo Diesel	Full-flow, Disposable Filter/In-line Water Separator
Air Cleaner	All Engines	Dry Element, Replaceable

Cooling System Specifications

[Specs](#) > Powertrain

			Radiator										
Engine	Cooling	Trans. Usage	Frontal Area (sq. in.)	Core Size (in.)			Rows of Tubes	Fins Per Inch	Cooling System Capacity qts. (liters)	In-Tank Trans. Cooler	Fan Specifications		
				Height	Width	Thick-ness					Type	No. of Blades	Blade Dia. (in.)
6.2L FFV V8	Standard	All	837	27.5	30.43	1.02	1	12.1	21.0 (20.0)	Standard	Plastic	8	20.0
6.7L Power Stroke V8 Turbo Diesel Main Loop	Standard	All	1102	28.7	38.36	1.65	1	16.0	27.8 (26.3)	None	Plastic	9	24.57
6.7L Power Stroke V8 Turbo Diesel Secondary Loop	Standard	All	828	21.0	39.37	1.65	1	18	11.05 (10.4)	Frame-mounted Oil-to-Coolant Heat Exchanger	NA ⁽¹⁾	NA ⁽¹⁾	NA ⁽¹⁾

(1) One fan for both systems.

Transfer Case

[Specs](#) > Powertrain

Shift Type	Manual T-Case (MSOS)	Electronic T-Case (ESOF)
Application	Manual Mechanical Shift-on-stop (manual shift lever)	Electronic Shift-on-the-fly (rotary switch
Gear Type	control)	
Lubricant Capacity (pt.)	2-speed Planetary Gears	
Gear Ratio — High	4.0	
Gear Ratio — Low	1.00:1	
Case Material	2.64:1	

Aluminum

Urea (DEF) Diesel Aftertreatment

[Specs](#) > Powertrain

Availability	Location	Capacity (gallons)	Tank Type
Diesel Pickup	Inboard on Frame Rail	7.5	Plastic (Urea Corrosive to Metal)

1. Ford material spec: WSS-M99C130-A.
2. Heated urea delivery module (urea freezes at -12°F).
3. Urea solution: -32% ammonia (NH3) solution in water.
4. Tanks can be filled using either bottles or nozzle.
5. Fluid is corrosive.
6. Fluid is nonflammable.
7. Supply lines are heated and are wheelbase dependent for wide frames (x5), and cab length dependent on narrow frames (x3). Lines are formed; however, they are somewhat flexible.
8. Vehicle operation will degrade as urea levels reach extremely low levels since this is an emission-regulated component. Vehicle speed will be gradually lowered to zero if operator takes no action to refill the tank.

Front Axle Specifications — 4x2

[Specs](#) > Chassis

!! PROCESS NOTE !!

Super Duty Series/Model		F-250/F-350/F-450	
Make		Ford	
Max. Rating @ Ground (lbs.)		5250	6000
Axle	Type	Twin-I-beam w/Ball Joint Spindle	
	Material	Nodular Cast Iron	
	Spring Centers (in.)	45.5	
Radius Arms	No.	2	
	Material	Stamped, High-strength Low-alloy Steel	
Ball Joint		Lubed-for-life Ball Joints	
Spindle	Material	Nodular Cast Iron Body w/Forged Steel Stem	
Wheel Bearings	Type	Tapered Roller	

Front Axle Specifications — 4x4

[Specs](#) > Chassis

Super Duty Series/Model		F-250/F-350	F-450
Make		Dana Super 60	Dana Super 60
Axle Ratio		3.31/3.55/3.73/4.30	4.30
Max. Rating @ Ground (lbs.)		6000	7000
Axle	Type	Monobeam, Live Spindle	
Material		Forged Steel	
Spring Centers (in.)		46.45	
Housing	Type	Cast Center	
	Cover Attachment	Bolted	
Radius Arms	No.	2	
	Material	Stamped, High-strength Low-alloy Steel	
Wheel Bearings	Type	Tapered Roller	
Gears	Type	Hypoid	
Ring Gear	Pitch Diameter (in.)	10.0	
Pinion	Mounting	Above Center	
Differential	Type	2-pinion	
	Bearings	Tapered Roller	
Axle Shaft	Minimum Diameter (in.)	1.356	
	Diameter over Splines (in.)	1.47	
	No. of Splines (Hub End)	35	

Rear Axle Specifications

[Specs](#) > Chassis

Model		F-250	F-350 SRW	F-350 DRW Pickup	F-450 DRW Pickup
Make (Standard, e-Locker (SRW), Limited-slip)		Ford Sterling M275	Ford & Dana	Dana M300	Dana M300
Max. Rating @ Ground (lbs.)		6200	7280	9650	9650
Type		Full-floating			
Driveline Attachment		Circular Flange	End Yoke		
Housing	Type	Cast Center			
	Cover Attachment	Bolted			
Section	Tube Dia. (in.)	3.50	4.0	4.5	
Synthetic Lubricant Capacity (pt.)		7.0	7.2	7.5	
Spring Centers (in.)		45.0			
Wheel Bearings	Type	Tapered Roller			
Gears	Type	Hypoid			
	Material	Alloy Steel			
Ring Gear	Pitch Dia. (in.)	10.5	10.8	11.8	
Pinion	Mounting	Below center			
Differential	Type	2-pinion			
Axle Shaft	Spline Minor Dia. (in.)	1.36	1.43	1.47	1.64
	Spline Major Dia. (in.)	1.50	1.54	1.58	1.75
	No. of Splines (Hub End)	35	36	37	41

Brake Equipment Specifications

[Specs](#) > Chassis

Type	Super Duty Series/Model	Axle Usage (lbs.)	Rotor Dia. (in.)		Brake Lining Segment	Area (sq. in.)/ Width (in.)/ Thickness (in.)	Caliper Piston No. Dia. (in.)	Gross Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
			OD	ID					
Front Disc	F-250/F-350	5250/6000	14.29	9.09	Outboard	13.50/2.68/0.41	Dual/2.36	50.9	377.3
					Inboard	11.95/2.68/0.41			
	F-350 DRW	6000	14.29	9.09	Outboard	13.50/2.68/0.41	Dual/2.36	50.9	377.3
					Inboard	11.95/2.68/0.41			
	F-450	7000	15.39	9.76	Outboard	17.21/3.03/0.47	Dual/2.60	68.8	445.0
					Inboard	17.21/3.03/0.47			
Rear Disc	F-250/F-350 SRW	6340/7230	14.29	9.88	Outboard	9.89/2.24/0.41	Dual/2.01	39.6	332.4
					Inboard	9.89/2.24/0.41			
	F-350 DRW	10,300	14.29	9.88	Outboard	9.89/2.24/0.41	Dual/2.01	39.6	332.4
					Inboard	9.89/2.24/0.41			
	F-450	9650	15.74	10.63	Outboard	16.21/3.03/0.47	Dual/2.52	64.8	426.8
					Inboard	16.21/3.03/0.47			

Brake Master Cylinder Specifications

[Specs](#) > Chassis

Type	Model/Series	Bore Dia. (in.)	Booster Type
Dual System, Dash-mounted	All F-250/F-350 SRW	1.3125	Vacuum
	F-350 DRW	1.50	Hydro
	F-450 DRW	1.625	Hydro

Brakes Booster Specifications

[Specs](#) > Chassis

Make/Type	Super Duty Series/Model	Booster Type	Effective Dia. (in.)	Diaphragm Type
Dash-mounted	All F-250/F-350 SRW	Vacuum Boost	10.0	Dual
	F-350 DRW/F-450 DRW	Hydro	1.56	Power Piston

Frame Specifications

[Specs](#) > Chassis

Cab Style	Super Duty Series/Model	Wheelbase (in.)	No. of Crossmembers	Section Modulus (cu. in.) ⁽¹⁾	Yield Strength (psi) ⁽²⁾
Regular Cab	F-250/F-350 Pickup/Box Delete	141.6	8	10.7	50,000
SuperCab	F-250/F-350 Pickup	148.0	8	10.7	50,000
	F-250/F-350 Pickup/Box Delete	164.2	8	10.7	50,000
Crew Cab	F-250/F-350 Pickup	159.8	8	10.7	50,000
	F-250/F-350/F-450 Pickup/Box Delete ⁽³⁾	176.0	8	10.7	50,000

(1) Cross-sectional modulus calculated at back of cab to inside of metal.

(2) Most frame rails, crossmembers and brackets are 50 kpsi. Other components are 36 kpsi or 80 kpsi.

(3) Box Delete not available on F-450 Pickups.

Shock Absorber Specifications

[Specs](#) > Chassis

Super Duty Model	Wheelbase (in.)	Usage	Front			Rear		
			No. Used	Piston Dia. (in.)	Type	No. Used	Piston Dia. (in.)	Type
Pickup	All	Std.	2	1.38	Gas-pressurized	2	1.38	Gas-pressurized

Spring Specifications — Front Coil

[Specs](#) > Chassis

Super Duty Series/Model	Combined Rating @ Ground (lbs.)	Height of Spring @ Design Load (in.)	Inside Dia. (in.)	Wire Dia. (in.) ⁽¹⁾	Deflection Rate @ Ground (lbs. per in. ea.)
F-250/F-350 4x2	3800	12.5	4.3	.799	638
	3950	12.5	4.3	.799	638
	4100	12.5	4.3	.810	677
	4250	12.5	4.3	.810	677
	4400	12.5	4.3	.830	716
	4550	12.5	4.3	.830	716
	4700	12.5	4.3	.870	745
	4850	12.5	4.3	.870	745
	5000	12.5	4.3	.880	780
	5250	12.5	4.3	.880	780
F-250/F-350 4x4	4000	14.7	4.1	.670	349
	4400	14.7	4.1	.690	383
	4800	14.7	4.1	.720	410
	5200	14.7	4.1	.730	430
	5600	14.7	4.1	.760	469
	6000	14.7	4.1	.780	499
F-450 4x4	5200	14.7	4.1	.730	430
	5600	14.7	4.1	.760	469
	6000	14.7	4.1	.770	499
	6500	14.7	4.1	.800	553

(1) Wire diameter is reference dimension only.

NOTE: Max front rating of coil springs is picked via computer selection depending on usage and vehicle options.

Spring Specifications — Rear Leaf

[Specs](#) > Chassis

Super Duty Series/ Model	Combined Rating @ Ground (lbs.)	No. of Leaves	Total Thickness @ Pad ⁽¹⁾ (in.)	Overall Length (in.)	Width (in.)	Deflection Rate (lbs. per in./Spring) ⁽²⁾⁽³⁾	Rating Each @ Pad (lbs. per Spring)
Main Leaf Pack and Auxiliary Spring (Including Auxiliary Spacer)							
F-250 Pickup ⁽⁴⁾	6340	4	4.71	66.3	3.00	325/700/1251	2781
F-250 Pickup ⁽⁵⁾	7230	5	5.15	66.3	3.00	350/700/1400	3227
F-350 Pickup ⁽⁶⁾	6340	4	4.71	66.3	3.00	325/700/1251	2781
F-350 SRW Pickup ⁽⁷⁾	7230	5	5.15	66.3	3.00	350/700/1400	3227
F-350 DRW ⁽⁸⁾	10,300	5	5.65	66.3	3.00	480/1200/2152	4612
F-350 DRW Pickup 142" WB	9900	5	5.65	66.3	3.00	480/1200/2152	4416
F-350 DRW 164" & 176" WB	9900	5	7.11	66.3	3.00	480/1200/2152	4416
F-450 176" WB	9900	5	7.11	66.3	3.00	480/1200/2152	4416
F 450 DRW Pickup 142" WB	9900	5	5.65	66.3	3.00	480/1200/2152	4416
Main Leaf Pack Only⁽²⁾							
F-250 Pickup ⁽⁹⁾	6340	3	3.12	66.3	3.00	325/760	2781

(1) Includes top plate.

(2) Pickup and Box Delete models include two-stage, variable-rate springs.

(3) Lists first stage/ second stage/ third stage as applicable.

(4) Auxiliary rear spring available and included with Camper Package and Heavy-service Package for Pickup Box Delete only and F-250 Trailer Tow Heavy-duty only.

(5) 4x2 Gas 176.0" Trailer Tow Heavy-duty only.

(6) Base F-350 Gas SRW with 17" wheels.

(7) F-350 SRW Gas with 18" or 20" wheels and all F-350 SRW Diesel.

(8) 4x2 Gas 142" WB only.

(9) Base F-250.

Steering

[Specs](#) > Chassis

Cab Style/Drive	Series/Body Style	Wheelbase (in.)	Turning Diameter (ft.)	
			Curb-to-Curb	Wall-to-Wall
Regular Cab 4x2	Pickup	141.8 SRW	49.1	51.0
		141.8 DRW	49.1	51.0
Regular Cab 4x4	Pickup	141.8 SRW	47.6	49.5
		141.8 DRW	47.6	49.5
SuperCab 4x2	Pickup	148.0 SRW	51.1	52.9
		164.2 SRW	56.0	57.9
		164.2 DRW	56.0	57.9
SuperCab 4x4	Pickup	148.0 SRW	49.5	51.4
		164.2 SRW	54.3	56.2
		164.2 DRW	54.3	56.2
Crew Cab 4x2	F-250/F-350 Pickup	159.8 SRW	54.7	56.5
		159.8 DRW	54.7	56.5
		176.0 SRW	59.6	61.5
		176.0 DRW	59.6	61.5
	F-450 Pickup	176.0 DRW	50.4	52.5
Crew Cab 4x4	F-250/F-350 Pickup	159.8 SRW	53.0	54.9
		159.8 DRW	53.0	54.9
		176.0 SRW	57.8	59.7
		176.0 DRW	57.8	59.7
	F-450 Pickup	176.0 DRW	50.4	52.5

Tire Specifications

[Specs](#) > Chassis

Size	Tread Type and Sidewall	Rim Width (in.)	Section Width (in.) ⁽¹⁾	Load/ Index Load Rating	Max. Inflation Press. (psi)	Load Limits @ Max. Inflation Press. (lbs.)	Static Loaded Radius (in.)	Revolutions Per Mile @ 45 mph
225/70Rx19.5	A/S BSW	6.0	8.7	128/126G	110	3970/3750 ⁽²⁾	15.00	647
LT245/75Rx17	A/S-BSW	7.5/6.5 ⁽²⁾	10.3	118/121E	80	3195/2910 ⁽²⁾	14.75	649
LT245/75Rx17	A/T-BSW & OWL	7.5/6.5 ⁽²⁾	10.2	118/121E	80	3195/2910 ⁽²⁾	14.77	649
LT265/70Rx17 ⁽³⁾	A/T OWL	7.5	11.0	121/118E	80	3195/2910	14.9	643
LT275/65Rx18 ⁽³⁾	A/S-BSW & BSW	8.0	11.0	123/120E	80	3415/3085	14.95	652
LT275/70Rx18 ⁽³⁾	A/T-OWL	8.0	11.5	125/122E	80	3640/3305	15.67	628
LT275/65Rx20 ⁽³⁾	A/T-OWL	8.0	11.2	126/123E	80	3750/3415	16.0	600
LT275/65Rx20 ⁽³⁾	A/S-OWL	8.0	11.0	126/123E	80	3750/3415	15.9	599

(1) Tire and rim maximum width.

(2) Single Rear Wheel/Dual Rear Wheel: Rim Width and Load Rating.

(3) Single Rear Wheel only.

Wheel Specifications

[Specs](#) > Chassis

Wheel Type	Wheel Size (in.)	Nominal Inset mm (in.)	No. of Studs	Bolt Circle mm (in.)	Max. Wheel Capacity Load (lbs. @ ground)
Argent-painted Steel (F 250/F 350 SRW)	17 x 7.5 J	40 (1.57)	8	170 (6.7)	3195
Sparkle Silver Cast Aluminum (F 250/F 350 SRW)	17 x 7.5 J	40 (1.57)	8	170 (6.7)	3195
Argent-painted Steel (F 350 SRW)	18 x 8.0 J	40 (1.57)	8	170 (6.7)	3590
Bright-machined Aluminum (F 250/F 350 SRW)	18 x 8.0 J	40 (1.57)	8	170 (6.7)	3590
Sparkle Silver 6 spoke Aluminum (F 250/F 350)	20 x 8.0J	40 (1.57)	8	170 (6.7)	3590
Bright-machined Aluminum	20 x 8.0J	40 (1.57)	8	170 (6.7)	3590
Polished Aluminum	20 x 8.0 J	40 (1.57)	8	170 (6.7)	3590
PVD Chrome Finish (F 250/F 350 SRW 4x4)	17 x 6.5 J	142 (5.55)	8	200 (7.87)	3195
Argent-painted Steel (F 350 DRW)	17 x 6.5 J	142 (5.55)	8	200 (7.87)	3195
Forged Polished Aluminum (F 350 DRW)	19.5 x 6.0	136 (5.35)	10	225 (8.86)	3750
Argent-painted Steel (F-450)	19.5 x 6.0	40 (1.57)	8	170 (6.7)	3590

Forged Polished

Aluminum

(F 450)

Completed Vehicle Weight

[Specs](#) > Special Applications

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, with consideration for the driver and one front-seat passenger. 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. Permanently attached equipment includes the snow plow frame-mounting hardware, and does not include the removable snow plow blade assembly. Exceeding TARC will require recertification.



Front-end Wheel Alignment and Headlight Aim

[Specs](#) > Special Applications

Front-end wheel alignment (toe) and headlight aim may require readjustment 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.



Pickup Box Delete/Removal

[Specs](#) > Special Applications

Refer to the latest Body Builders Layout Book. Also refer to the Weight Ratings Charts in this section.

Power Takeoff

[Specs](#) > Special Applications

Refer to the latest Body Builders Layout Book. Also refer to the Transmission Specification Charts in this section.

Minimum Required, Recommended and Standard Equipment

[Specs](#) > Special Applications > Snow Plow Installation

Minimum Required Equipment

- Snow Plow Package, includes:
 - Front spring/GAWR upgrade (refer to the Weight Ratings charts for specific spring/GAWR selection for each model)
 - 157-amp, heavy-duty alternator (6.2L FFV V8). Available: dual alternators 357-amp (6.7L Power Stroke V8 Turbo Diesel)
 - Plow and attaching hardware weight limits are as tabled below

Recommended Equipment

- All-terrain tires and roof clearance lights (available with SRW Pickup models, required with F-350 DRW and F-450)

Standard Equipment

- Front and rear stabilizer bar (rear standard on Chassis Cab and DRW Pickup models)
- Roof clearance lights (standard on Chassis Cab and required on Pickup models)
- Steering damper
- Engine oil cooler, auxiliary automatic transmission oil cooler and maximum capacity engine coolant radiator are standard
- All available axle ratios are acceptable
- When snow plowing, operate automatic transmission with shift lever in overdrive position

Vehicles Available For Snow Plow Applications

2019 F-250/F-350/F-450 Super Duty
Pickups

[Specs](#) > [Special Applications](#) > [Snow Plow Installation](#)

The Super Duty F-Series vehicles tabled below are available for snow plow usage.

F-250-450 4x4 Pickup/Box Delete Models (With Driver and One Passenger)

Cab Style	Wheelbase (in.)	Engine	F-250 4x4 17" tires ⁽¹⁾	F-350 SRW 4x4 18" tires ⁽¹⁾	F-350 DRW 4x4	F-350 DRW 4x4 (box delete)	F-450 4x4
Regular Cab	141.6	6.2L V8	100/1005	100/1005	100/1005	—	—
		6.7L V8	100/1005	100/1005	100/1005	100/1005	—
SuperCab	148.0	6.2L V8	100/1005	100/1005	—	—	—
		6.7L V8	100/950	100/900	—	—	—
SuperCab	164.2	6.2L V8	100/1005	100/1005	100/1005	—	—
		6.7L V8	100/800	100/800	100/800	100/800	—
Crew Cab	159.8	6.2L V8	100/1005	100/1005	—	—	—
		6.7L V8	100/850	100/850	—	—	—
Crew Cab	176.0	6.2L V8	100/1005	100/1005	100/1005	—	—
		6.7L V8	100/700	100/700	100/650	100/700	100/600

LEGEND: 100/750 = Maximum 100 lbs. of permanently attached hardware/maximum 750 lbs. of removable plow blade and hardware. The plow and hardware weight limits shown are based upon a vehicle with 33% Ford option content and 150 lbs. each for the driver and one front-seat passenger. This chart shows maximum recommended values.

(1) Considering max. GAWR and A/T tires.

— = Not Available

Warranty

[Specs](#) > [Special Applications](#) > [Snow Plow Installation](#)

The normal Ford New Vehicle Limited Warranty applies to vehicles with snow plows installed in accordance with these guidelines. Consult your Ford dealer or the owner's manual for any further questions.



Trailer Towing/Camper Information

[Specs](#) > Special Applications

For additional towing information, see the RV & Trailer Towing Guide, available as a printable PDF on **eSourceBook**, or the vehicle owner's manual.



Alternator Availability

[Specs](#) > Electrical

Series	Engine	Drive	2018 F-250/F-350 Super Duty		ALTERNATORS				
			Gas Pickups						
			Option Code	Description	XL	XLT	Lariat	King Ranch	Platinum
					Std	Std	67D (Std)	67D (Std)	67D (Std)
F-250 and F-350 SRW and F-350 DRW	6.2L FFV V8	4x2 and 4x4	43C	110V/400W AC power outlet	67D	67D	67D	67D	67D
			473 or 47B	Snow Plow	67D	67D	67E	67E	67E
			66S	6 upfitter switches	67D	67D	67E	67E	67E
			43C & 473 or 47B	AC power outlet and Snow Plow Pkg	67D	67D	67E	67E	67E
			43C & 66S	AC power outlet and upfitter switches	67D	67D	67E	67E	67E
			66S & 473 or 47B	Upfitter switches and Snow Plow Pkg	67D	67D	67E	67E	67E
			43C & 66S & 473 or 47B	AC power outlet, upfitter switches and Snow Plow Pkg	67E	67E	67E	67E	67E
					(STD) Standard "Heavy-duty" @ 157 AMPS				
					(STD) or (67D) "Extra Heavy-duty" @ 200 AMPS				
					(67E) "Extra/Extra Heavy-duty" @ 240 AMPS				

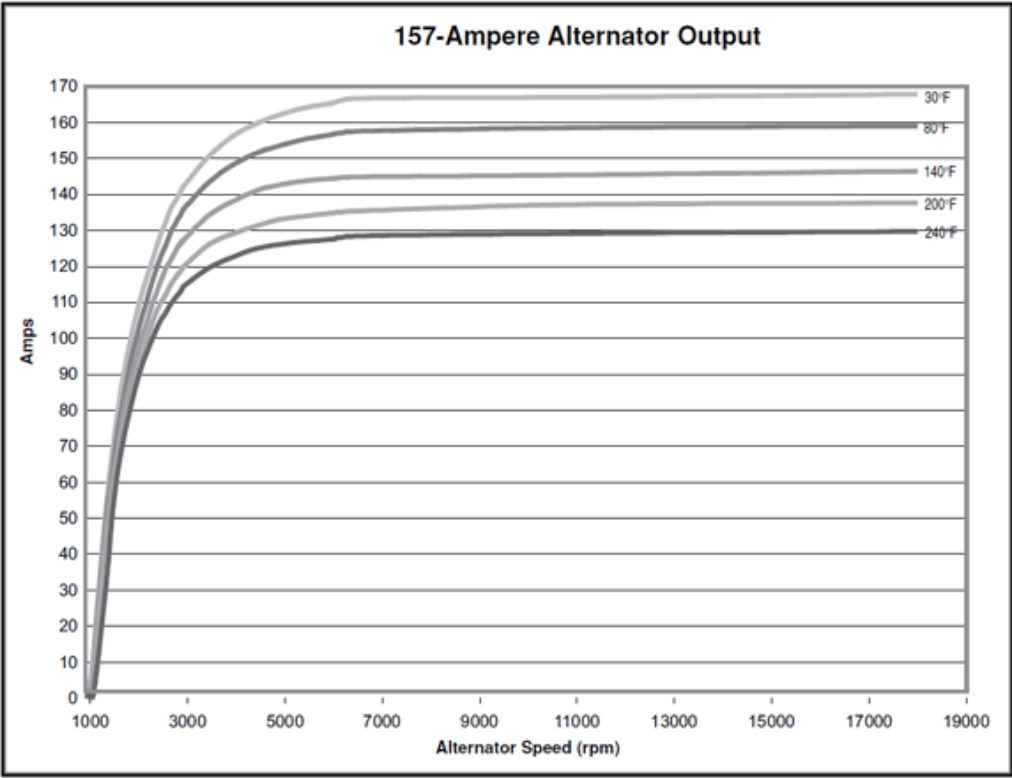
Series	Engine	Drive	2018 F-250/F-350 Super Duty		ALTERNATORS					
			Diesel Pickups							
			Option Code	Description	XL	XLT	Lariat	King Ranch	Platinum	Limited
					Std	Std	67D (Std)	67D (Std)	67D (Std)	67A (Std)
F-250 and F-350 SRW, F-350 DRW and F-450	6.7L V8 Diesel	4x2 and 4x4	43C	110V/400W AC power outlet	67D	67D	67D	67D	67D	67A (Std)
			473 or 47B	Snow Plow Pkg	67D	67D	67D	67D	67D	67A (Std)
			66S	6 upfitter switches	67D	67D	67D	67D	67D	67A (Std)
			43C & 473 or 47B	AC power outlet and Snow Plow Pkg	67D	67D	67D	67D	67D	67A (Std)

			43C & 66S	AC power outlet and upfitter switches	67D	67D	67D	67D	67D	67A (Std)
			66S & 473 or 47B	Upfitter switches and Snow Plow Pkg	67D	67D	67A	67A	67A	67A (Std)
			43C & 66S & 473 or 47B	AC power outlet, upfitter switches and Snow Plow Pkg	67A	67A	67A	67A	67A	67A (Std)
			41A	Rapid Heat	67B	67B	67B	67B	67B	67B
					(STD) Standard "Heavy-duty" @ 175 AMPS					
					(STD) or (67D) "Extra Heavy-duty" @ 220 AMPS					
					(67A) Dual Alternators #1 @ 332 AMPS					
					(67B) Dual Alternators #2 @ 377 AMPS					

157 Amperes Alternator

Specs > Electrical > Alternator Performance Curves

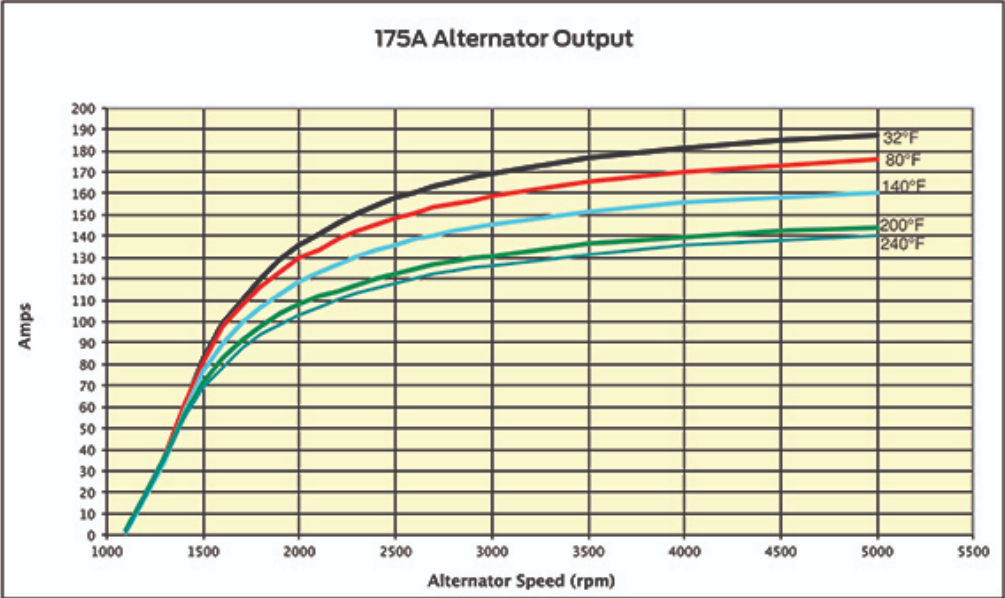
Engine	Pulley Ratio	Model Application
6.2L FFV V8	2.95:1	F-Series Super Duty (XL and XLT)



175 Amperes Alternator

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

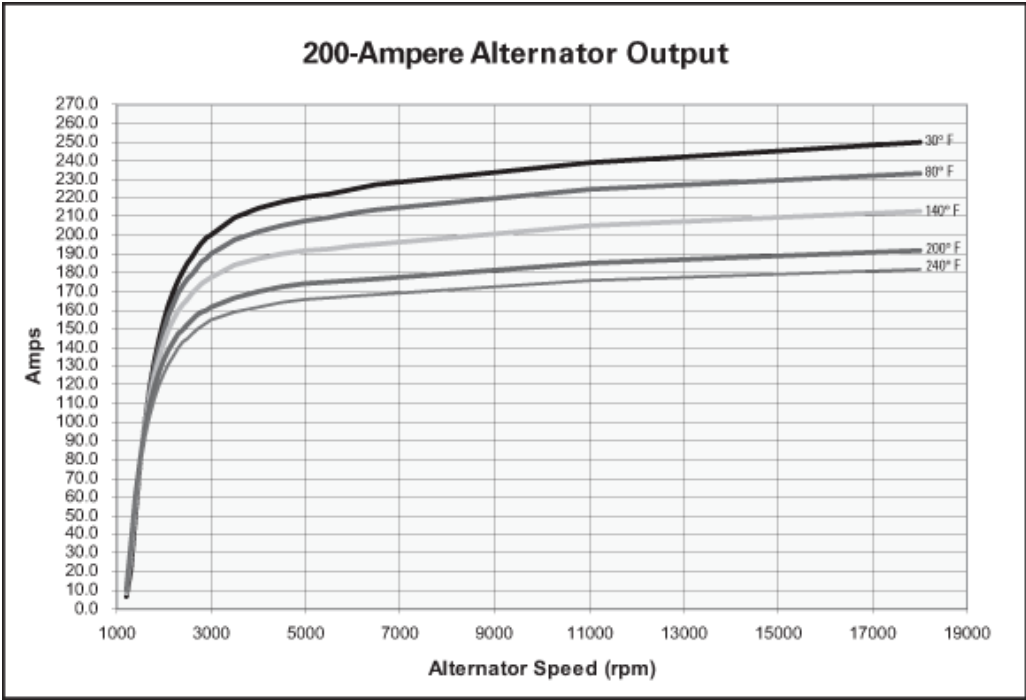
Engine	Pulley Ratio	Model Application
6.7L Power Stroke V8 Turbo Diesel	3.09:1	F-Series Super Duty (XL and XLT)



200 Amperes Alternator

Specs > Electrical > Alternator Performance Curves

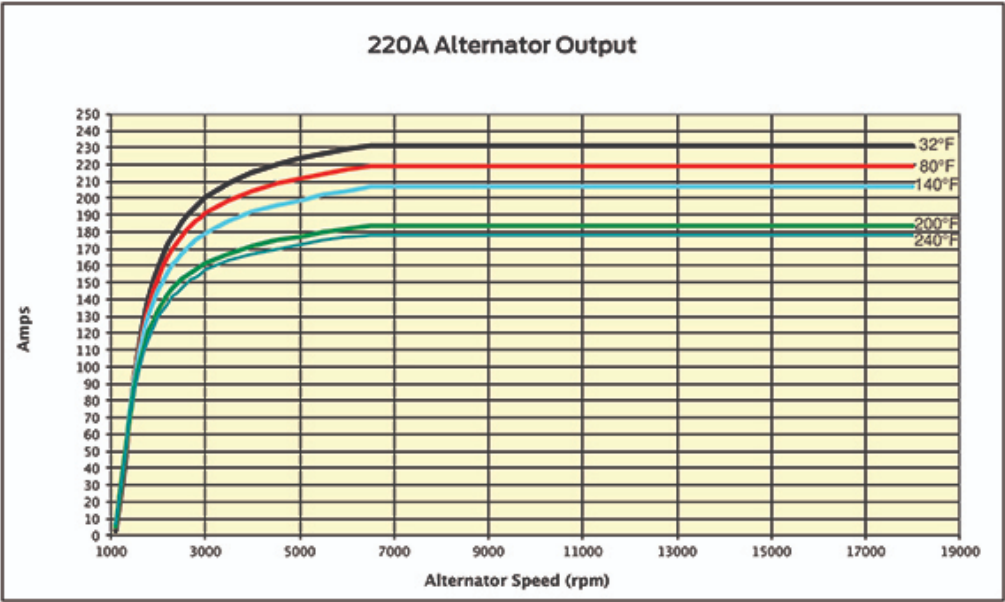
Engine	Pulley Ratio	Model Application
6.2L FFV V8	2.95:1	F-Series Super Duty (Lariat and above)



220 Amperes Alternator

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

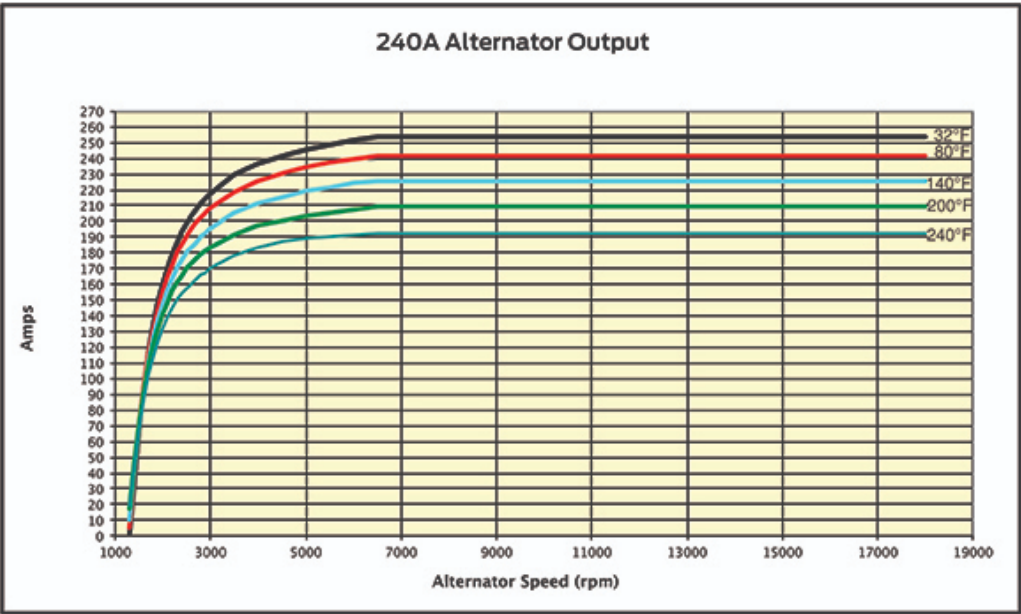
Engine	Pulley Ratio	Model Application
6.7L Power Stroke V8 Turbo Diesel	3.09:1	F-Series Super Duty (Lariat and above)



240 Amperes Alternator

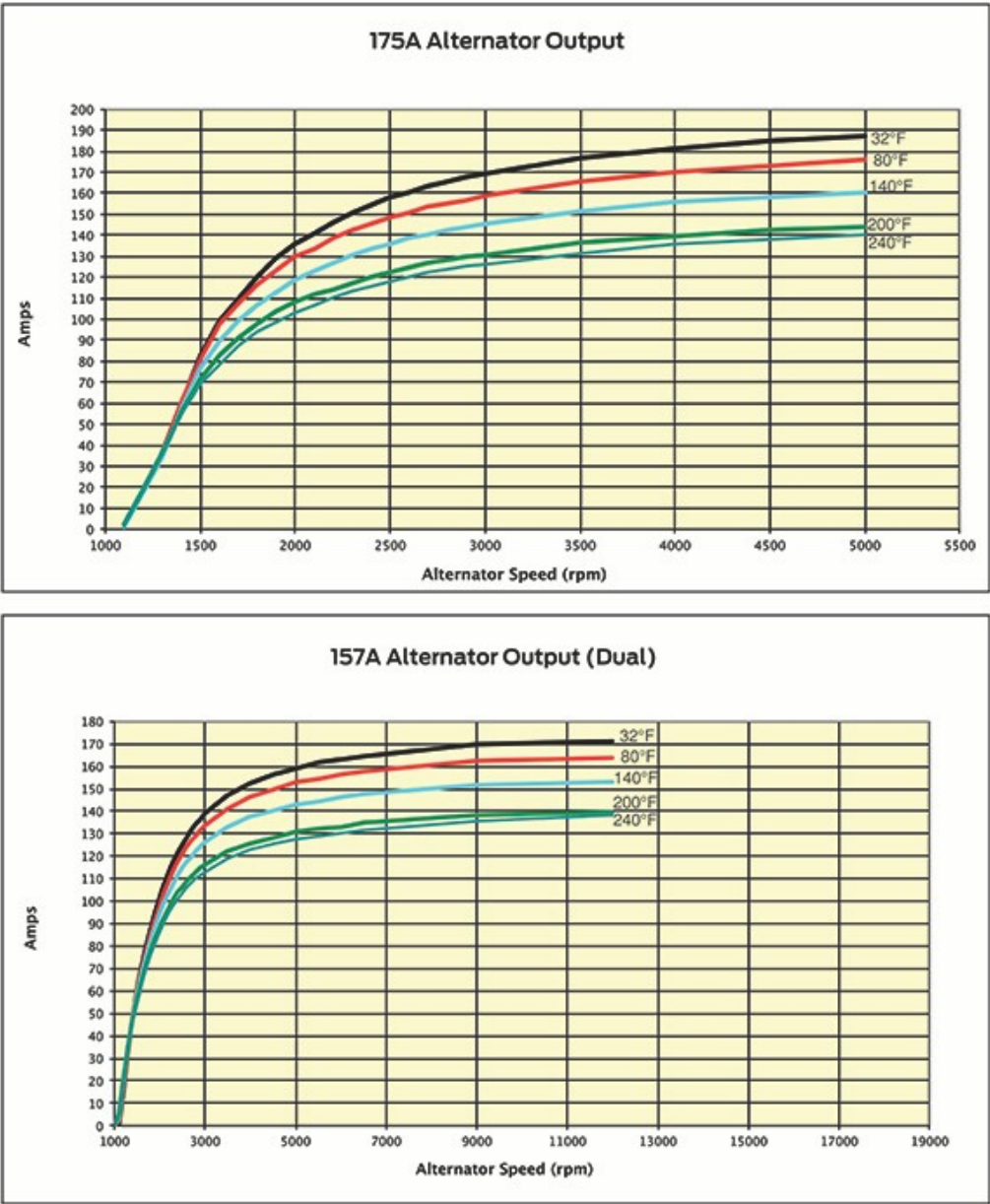
[Specs](#) > [Electrical](#) > [Alternator Performance Curves](#)

Engine	Pulley Ratio	Model Application
6.2L FFV V8	2.95:1	F-Series Super Duty (Lariat and above)



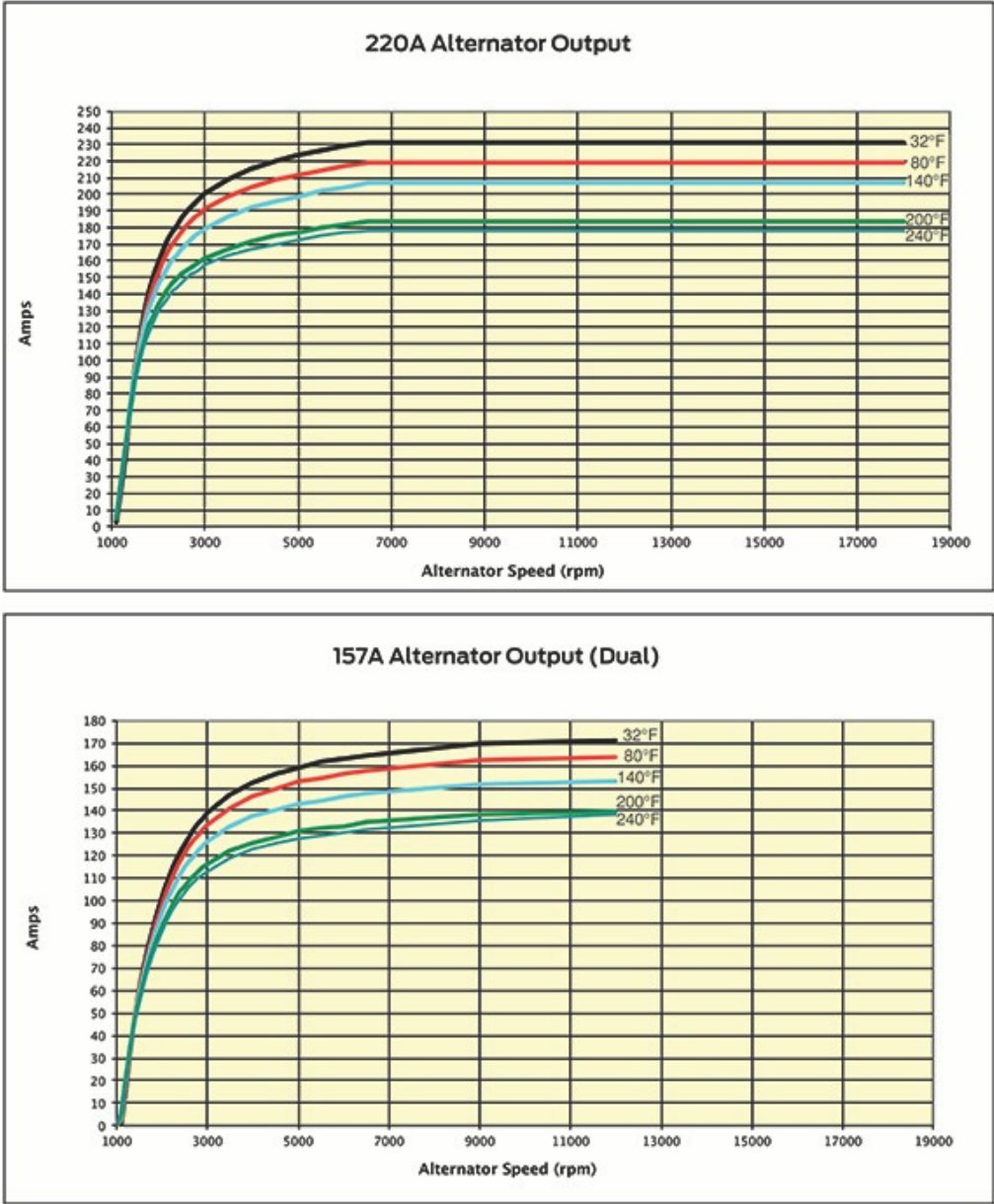
[Specs](#) > [Electrical](#) > [Alternator Performance Curves](#)

Engine	Pulley Ratio	Model Application
6.7L Power Stroke V8 Turbo Diesel	3.09:1 (175AH)/2.78:1(157AH)	F-Series Super Duty



Specs > Electrical > Alternator Performance Curves

Engine	Pulley Ratio	Model Application
6.7L Power Stroke V8 Turbo Diesel	3.09:1 (220AH)/2.78:1 (157AH)	F-Series Super Duty



Alternator Specifications

Specs > Electrical

Output (ampere) ⁽¹⁾	157	175	200	220	240
Output (watts)	2041	2275	2600	2860	3120

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

Battery Applications

[Specs](#) > Electrical

Ampere-Hour Rating	72	78
Cold-Cranking Amps at 0°F	650	750
6.2L FFV V8 (F-250)	Std.	
6.2L FFV V8 (F-350 and above)		Std.
6.7L Power Stroke V8 Turbo Diesel		Std. ⁽¹⁾

(1) Dual batteries — 1500 CCA.

Cold Weather Recommendations

[Specs](#) > Electrical

Ref: /content/ret-ford/en/common-content/appendices/2016/electrical/cold-weather-recommendations/jcr:content/content/text

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.)

END OF REFERENCE BLOCK

Electrical Connections

[Specs](#) > Electrical

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.



Light Specifications and Usage

[Specs](#) > Electrical

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

Standard Lighting/Reflector Equipment

[Specs](#) > Electrical

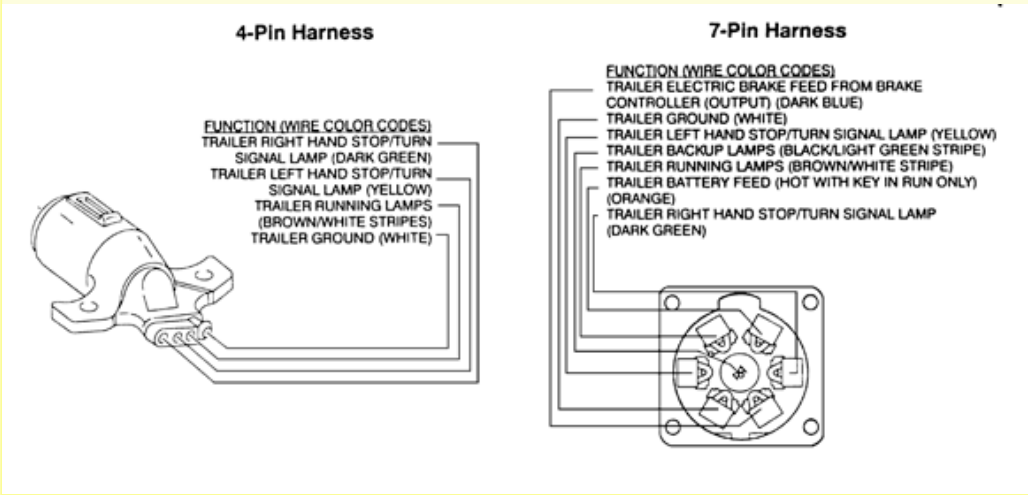
Light Reflector	Application
Headlamps — Halogen	All Series — Two replaceable bulbs with all models
Headlamps — LED	Lariat, King Ranch® and Platinum — Two rectangular LED
Parking Lights	All Series — Integral with turn signals
Front/Rear Turn Signals	All Series
Front Side Marker Lights	All Series
Front Side Reflectors	All Series
Rear Side Reflectors	All Series
Front Cab Clearance and Identification Lights — 5 Amber	F-Series Dual Rear Wheel Models
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
Rear Fender Side Marker Lights — Front Amber/Rear Red	F-Series Dual Rear Wheel
Rear Clearance and Identification Lights Below Tailgate — Three Red	F-Series Dual Rear Wheel
Front Daytime Running Lamps	All Vehicles Registered in Canada

Trailer Towing Wiring Harness

Specs > Electrical

Ref: /content/ret-ford/en/common-content/appendices/2016/electrical/trailer-towing-wiring-harness/jcr:content/content/text

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



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