



## 2022 F-150 Lightning

### Specs

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



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### Dimensions/Weights/Capacities

Accessory Reserve Capacity (ARC) Calculation

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Gross Combination Weight Rating (GCWR)

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Gross Vehicle Weight Rating (GVWR)

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Maximum Payload Weight Ratings

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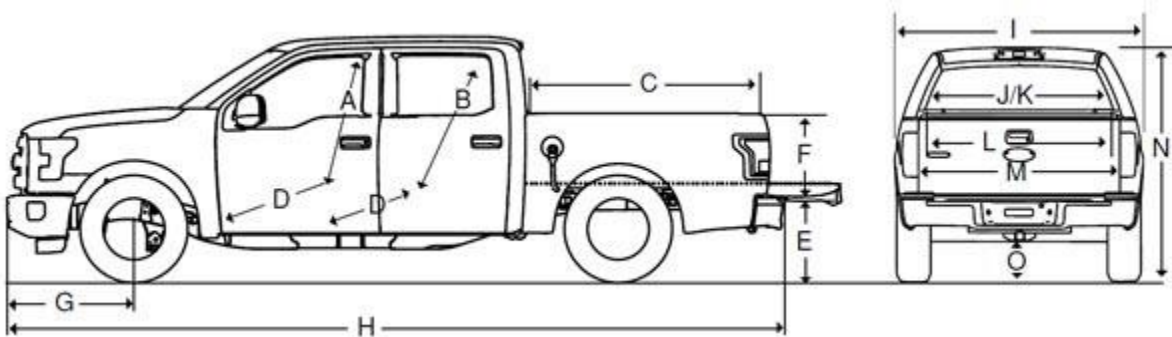
Vehicle Class Ratings by GVWR

Weight Distribution

Weight Ratings

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### SuperCrew Dimensions



Drive	4x4
Cargo Box (ft.)	5.5
Wheelbase (in.)	145.5
Code	Description (in.)

A	Head Room (Front)	40.8
B	Head Room (Rear)	40.4
C	Inside Length <sup>(1)</sup> (at floor)	67.1
D	Leg Room (Front; max.)	43.9
	Leg Room (Rear)	43.6
E	Open Tailgate to Ground (Empty) <sup>(2)</sup>	36.7
F	Inside Height <sup>(1)</sup>	21.4
G	Front Overhang	37.8
	Rear Overhang	49.4
H	Overall Length	232.7
	Front Bumper to Back of Cab	155.9
I	Width (Max.; excluding mirrors)	80.0
J	Shoulder Room (Front)	66.7
	Shoulder Room (Rear)	66.0
K	Hip Room (Front)	62.5
	Hip Room (Rear)	62.6
L	Width Between Wheelhouses <sup>(1)</sup>	50.6
M	Max. Load Width <sup>(1)</sup> (at floor)	60.3
N	Cab Height (Empty) <sup>(2)</sup>	78.3
O	Ground Clearance	8.4
	Track Width — Front	68.1
	Track Width — Rear	68.3
	Front Trunk Lifter Height	34.5

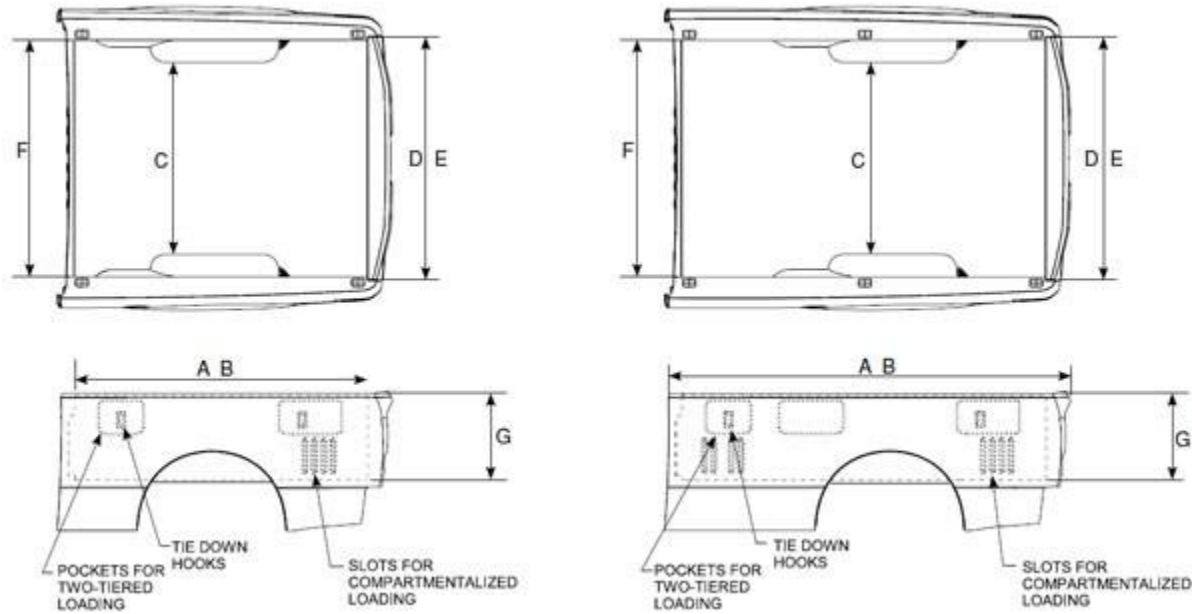
(1) Pickup box. Also refer to Pickup Box Dimensions.

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

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

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Pickup Box Dimensions



Cargo Volume (cu. ft.)		52.8
Code	Description (in.)	
A	Cargo Box Inside Length @ Floor	67.1
B	Cargo Box Length @ Top	65.4
C	Cargo Width @ Wheelhouse	50.6
D	Rear Opening Width @ Floor	60.3
E	Rear Opening Width @ Top	60.3
F	Cargo Body Maximum Inside Width	65.2
G	Cargo Body Height with Molding	21.4

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Interior and Front Trunk Volume

Cab Position	Volume (cu. ft.)
	5.5-ft. box
Front Passenger	64.7
Rear Passenger	67.2
Total Passenger	131.9
Cargo Volume Behind First Row, Rear-seat Cushion Folded Up	50.9
Front Trunk	14.1

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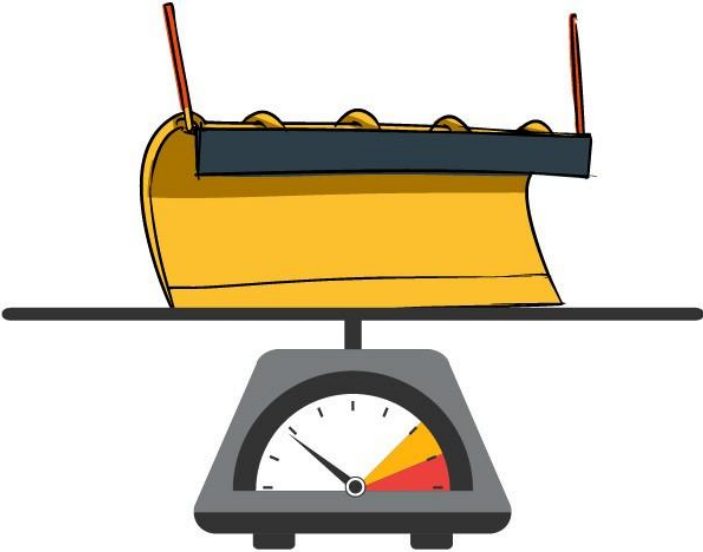
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Accessory Reserve Capacity (ARC) Calculation

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

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

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



ACCESSORY RESERVE CAPACITY

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

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

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

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

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

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

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

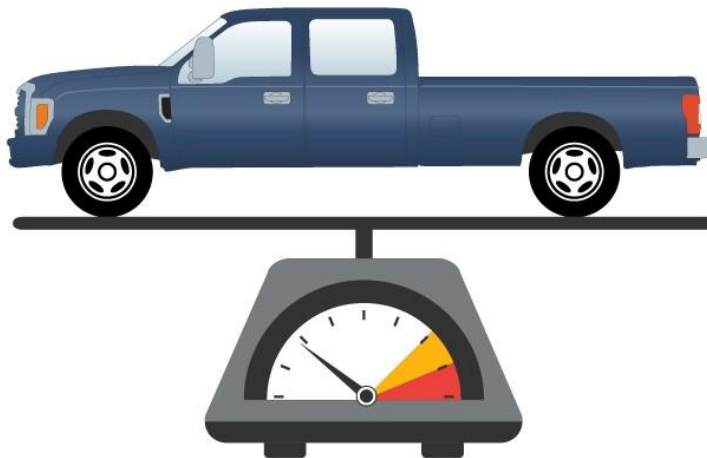
**Warning:** The Accessory Reserve Capacity weight information addresses FMVSS and CMVSS Nos. 204, 208, 212, 219, 301 and 303 compliance only. For all light-duty trucks with a GVW rating under 8,500 lbs., federally certified trucks with a GVW rating of 8,500 to 10,000 lbs. that are optionally emissions certified to light-duty standards and all California complete vehicles with a GVW rating of 14,000 lbs. or less, if more than 500 lbs. is added to the vehicle's "maximum vehicle weight,"<sup>(3)</sup> the modifier may be responsible for recertification to the applicable EPA or CARB emissions standards.

(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. GVWR 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.

(3) **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.

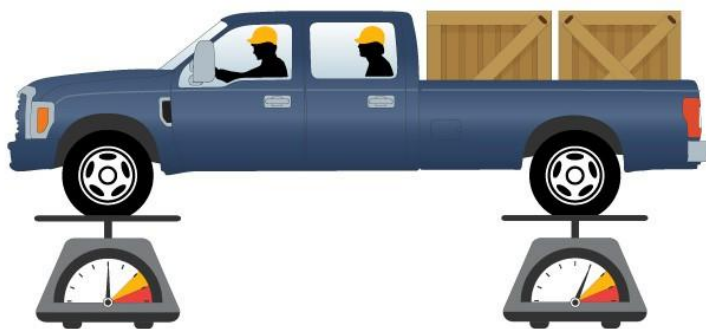
- The weight of the vehicle including standard equipment, oil, lubricants and a full tank of fuel. It does not include the weight of driver, passengers, cargo or any optional or aftermarket equipment
- **Base curb weights for each engine/standard equipment transmission combination are listed in the Weight 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



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## Gross Axle Weight

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



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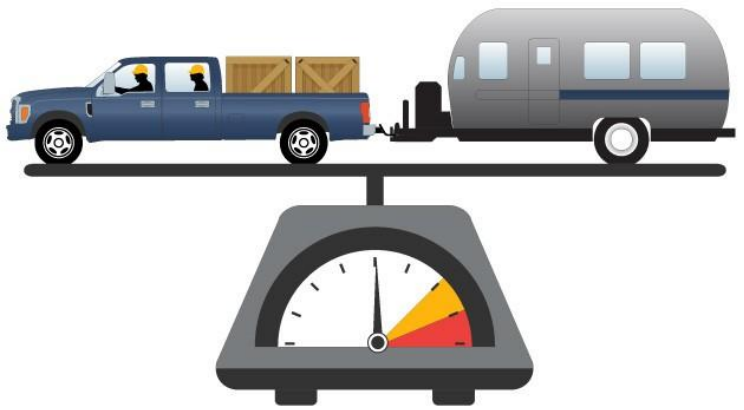
## Gross Axle Weight Rating (GAWR)

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.

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## Gross Combination Weight (GCW)

Gross vehicle weight plus the trailer weight.



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## Gross Combination Weight Rating (GCWR)

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

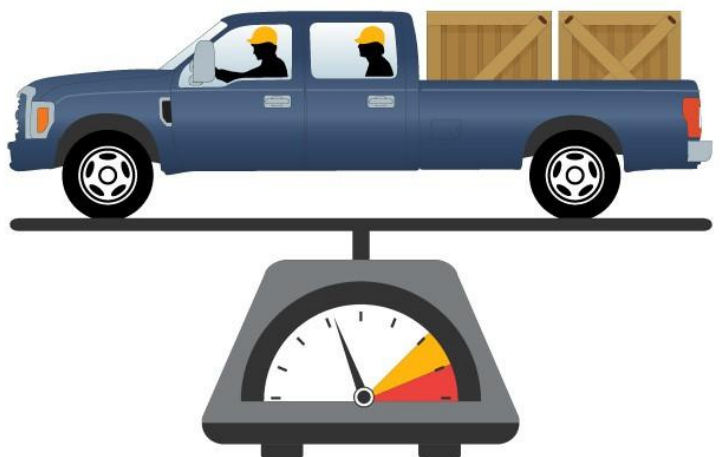
The point to remember is that the actual weights should never exceed the listed weight ratings. And remind your customers that if they do exceed the recommended weight ratings, they could disqualify their warranty coverage.



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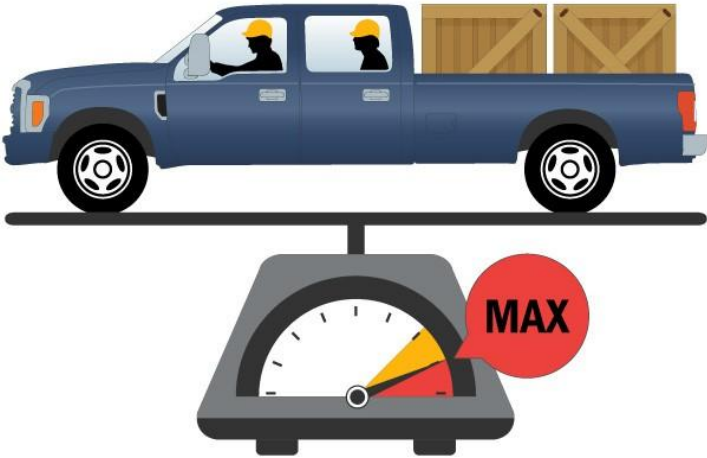
## Gross Vehicle Weight (GVW)

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



## Gross Vehicle Weight Rating (GVWR)

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



## Maximum Payload Weight Rating

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. Max payload varies and is based on accessories and vehicle configuration. See label on door jamb for carrying capacity of a specific vehicle.

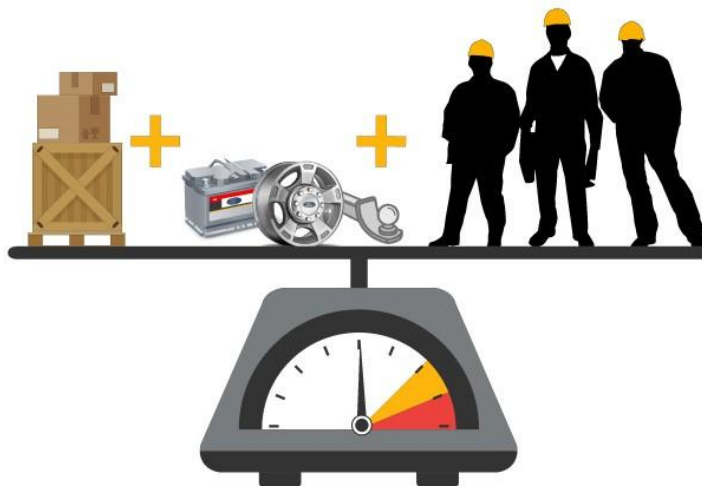
Vehicle Payload Calculation	Front/Total (lbs.)
Maximum Payload Weight Rating <sup>(1)</sup>	___ / ___
Less Total Actual Regular Production Option Content Weight (from Line A, Payload/GVWR Worksheet)	___ / ___
Equals Net Total Vehicle Payload (Front and rear axles and spring capacities will be sufficient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

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

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

## Maximum Payload Weight Ratings

The Payload Weight Ratings and the Maximum Option Weight/Maximum Total Accessory Reserve Capacity (ARC) Weight Charts <sup>(1)</sup> 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.

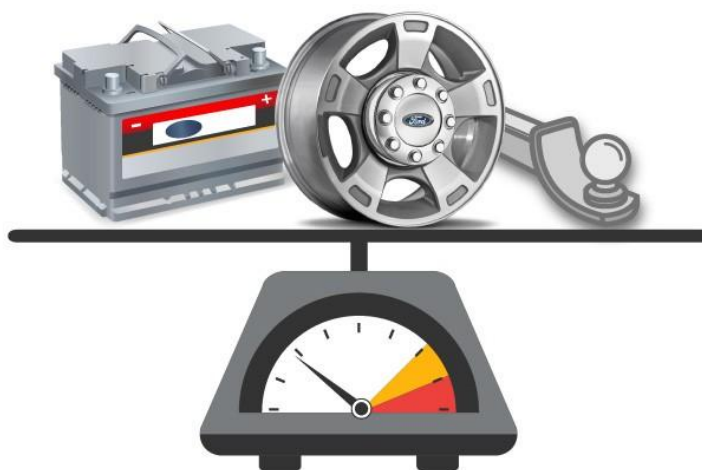


(1) OPT/ARC Weight is the maximum allowable weight for regular production options (OPT) and aftermarket equipment. Accessory Reserve Capacity (ARC) for models with standard equipment and the engine/transmission combination indicated.

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## Option Weights

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



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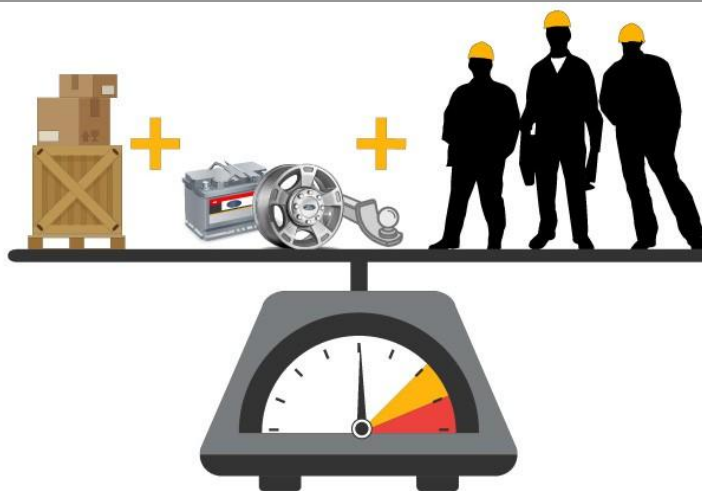
## Passenger Weight

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



## Payload

- 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



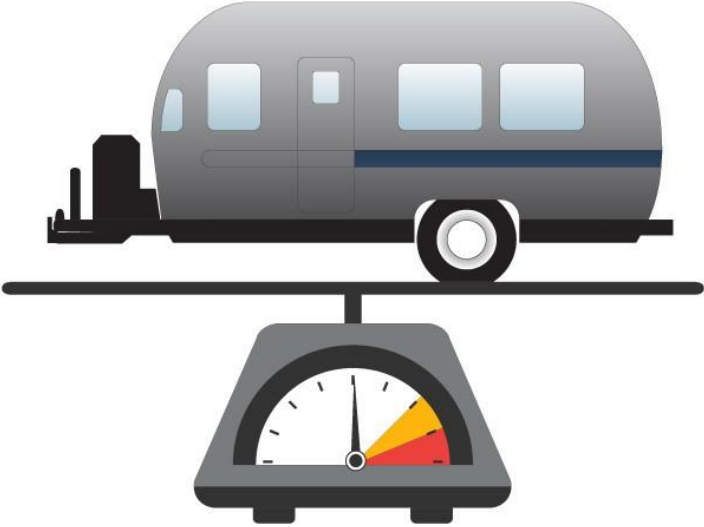
## Tongue Weight

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).



## Trailer Weight

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



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Truck “Nominal Tonnage”

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

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

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

Relevant Vehicle Series/Nominal Tonnage  
Relationship Categories

Nominal Tonnage	Vehicle
½	Ranger, F-150, Transit Connect, Transit Passenger Van
¾	E-350 Cutaway/Stripped Chassis, Transit-150 Cargo Van/Crew Van/Passenger Van, Transit-250 Cargo Van/Crew Van, Transit-350 Cargo Van/Crew Van/Passenger Van (GVWR 9,499 lbs.), Transit-250 Cutaway/Chassis Cab, F-250 Pickup
1	E-450 Cutaway/Stripped Chassis, Transit-350 Cargo Van/Crew Van/Passenger Van (GVWR 9,500 lbs.), Transit-350 Cutaway/Chassis Cab, F-350 Pickup, F-350 Chassis Cab
1½	F-450 Pickup, F-450 Chassis Cab
2	F-550 Chassis Cab

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Vehicle Class Ratings by GVWR

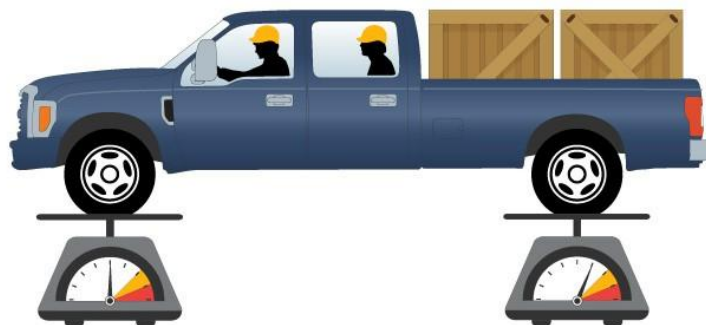
Weight Class	GVWR Range (lbs.)	Vehicle/Model
1	Up to 6,000	Transit Connect Cargo Van (5,110–5,302 lbs.) Transit Connect Passenger Wagon (5,302–5,420 lbs.)
2	6,001 to 10,000	Ranger (6,050 lbs.) Transit-150 Cargo Van/Passenger Van (8,670/8,550 lbs.) Transit-250 Cargo Van/Crew Van (9,070 lbs.) Transit-350 Cargo Van/Crew Van (9,250–9,950 lbs.) Transit-350 Passenger Van (9,250–9,400 lbs.) Transit-250 Cutaway/Chassis Cabs (9,070 lbs.) Transit-350 Cutaway/Chassis Cabs (9,500 and 9,950 lbs.) F-150 (6,070–7,850 lbs.) F-150 Lightning (8,250–8,550 lbs.) F-250 Pickup (9,900–10,000 lbs.) F-350 Pickup (10,000 lbs.) F-350 Chassis Cab SRW (9,800–10,000 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/Crew Van/Passenger Van (10,360 lbs.; 11,000 lbs. [Cargo Van only]) Transit-350 Cutaway/Chassis Cab (10,360 lbs. and 11,000 lbs.) F-250 SD Pickup (10,400–10,800 lbs.) F-350 SRW Pickup (10,100–11,500 lbs.) F-350 DRW Pickup (13,000 <sup>(1)</sup> –14,000 lbs.) F-350 Chassis Cab SRW (10,500–11,500 lbs.) F-350 DRW Chassis Cab (14,000 lbs.) E-450 Cutaway (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 (14,200–14,500 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-600 (22,000 lbs.) F-650 Gasoline (22,000–26,000 lbs.)/Diesel (22,000–26,000 lbs.) F59 Commercial Stripped Chassis (22,000 lbs.) F53 Motorhome Chassis (20,500–26,000 lbs.)
7	26,001 to 33,000	F-650 (27,500–29,000 lbs. Gas and Diesel) F-750 (31,000–33,000 lbs. Gas and Diesel)
8	33,001 plus	F-750 (34,200–37,000 lbs. Diesel)

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

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### Weight Distribution

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.



Weight Ratings

Cab Style/Drive/ WB (in.)	Battery	Max. GVWR (lbs.)	Max. Payload (lbs.) <sup>(1)</sup>	Max. Total ARC Weight (lbs.) <sup>(2)</sup>	Max. GAWR (lbs.) <sup>(3)</sup>		Base Curb Weight (lbs.)		
					Front	Rear	Front	Rear	Total
SuperCrew 4x4 145.5	Standard-range	8,250	2,235	TBA	3,770	4,900	3,129	2,886	6,015
	Extended-range (with 18" wheels)	8,550	2,189	TBA	3,940	4,950	3,259	3,108	6,361
	Extended-range (Platinum)	8,550	1,657	TBA	4,050	4,800	3,461	3,432	6,893

(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by available equipment weight. See label on door jamb for carrying capacity of a specific vehicle.

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

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

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

Standard Equipment

F-150 Lightning 4x4 Pickup

F-150 Lightning 4x4 Pickup

POWERTRAIN:		Refer to the Ordering Guide for 50 States Usage
Battery	Type	Standard-range (98 kWh)
Transmission	Type	Single-speed
Drive Unit	Type	Electric
	Axle	Front/Rear
AXLES:		
Front Axle	Type	Long-spindle double-wishbone, coil-over-shock IFS
	Gross Axle Weight Rating (GAWR) (lbs.)	3,770-4,050
Rear Axle	Type	Semi-floating
	Gross Axle Weight Rating (GAWR) (lbs.)	4,800-4,950
BRAKES:		
Front/Rear Disc	Type	Vented with Nitro Tough Iron, twin-piston front and single-piston rear caliper
	Rotor Diameter — Front/Rear	13.8"/13.7" 350 mm/336 mm
Anti-Lock Brake System		4-wheel regenerative braking (4-channel with electronic brakeforce dstribution)
Parking Brake		Electric (rear)
JACK:	Capacity	TBA
STEERING:	Type	Power, rack-and-pinion; electric power-assist
	Ratio	17.4:1
SUSPENSION:		

Frame	Type	Fully boxed, modular high-strength steel with 4 crossmembers that are welded on both sides
	Section Modulus (cu. in.)	See frame specifications
Springs, Front	Type	Coil, computer selected
Springs, Rear	Type	Coil, computer selected
Shock Absorbers	Gas-pressurized Monotube — Front/Rear	1.1"/1.1" 28 mm/28mm
Stabilizer Bar	Position/Diameter/Type	Front: 25.4 mm/hollow Rear: 25.4 mm/hollow
<b>TIRES:</b>	Type	Steel-belted radial all-terrain
	Size	Five 275/65R18 (A/T)
	Spare Tire Carrier	Rear underframe, winch-type with safety catch (locking-type)
<b>WHEELS:</b>	Type and Size	Four 18" machined with high gloss black pockets with same-size steel spare (6-hole disc)

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

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Powertrain

Drivetrain/Battery Configuration	Standard-Range Battery	Extended-Range Battery
Horsepower <sup>(1)</sup>	452 (337 kW)	580 (433 kW)
Torque (lb.-ft.) <sup>(1)</sup>	775	775
Drivetrain layout	Dual eMotor, front/rear transverse mounted, four-wheel drive	

(1) Calculated via peak performance of the electric motor(s) at peak battery power. Your results may vary. Based on manufacturer testing using computer engineering simulations.

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Chassis

<b>Brake System Specifications</b>	<b>Spring Specifications — Front Coil</b>	<b>Tire Specifications</b>
<b>Front Axle Specifications</b>	<b>Spring Specifications — Rear Coil</b>	<b>Wheel Specifications</b>

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Front Axle Specifications

Series/Model		F-150 Lightning 4x4
Type		Long-spindle, double-wishbone, coil-over-shock independent front suspension
Gross Axle Weight Rating (GAWR) (lbs.)		3,770-4,050
Upper Control Arm	Material	Stamped steel
Lower Control Arm	Material	Stamped steel
Spring	Type	Coil-over-shock, computer selected
Ball Joints		Lubed-for-life
Spindle	Material	Cast-aluminum body with forged steel stem
Wheel Bearings	Type	Self-retained tapered roller (GEN II cartridge)

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

## Brake System Specifications

	Standard
Description	Power vented disc with Anti-Lock Brake System (ABS), electronically controlled brake boost and Automatic Emergency Braking (AEB)
Front Specifications	
Rotor Material	Nitro Tough Iron
Rotor Size (dia. x thickness) (mm)	356 x 34
Swept Area (sq. mm)	53,134
Caliper Description	Sliding-caliper, dual-piston
Caliper Piston Dia. (x2; mm)	54
Rear	
Rotor Material	Nitro Tough Iron
Rotor Size (dia. x thickness) (mm)	350 x 24
Caliper Description	Sliding-caliper, single-piston with electric integrated parking brake (eIPB)
Caliper Piston Dia. (mm)	54
Swept Area (sq. mm)	42,997
Electric Parking Brake Rating (kN)	25.5

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

## Spring Specifications — Front Coil

Model	Combined FGAWR Rating (lbs.)	Curb Height of Spring (in.)	Inside Dia. (in.)	Wire Dia. (in.)	Spring Rate (lbs./in. ea.)
Pro	3,900	12.76	Top: 3.78 in	0.73	543
XLT		12.67	Bottom: 2.75 in	0.73	543
LARIAT		12.67		0.73	543
Platinum		12.71		0.75	600

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

## Spring Specifications — Rear Coil

Model	Combined RGAWR Rating (lbs.)	Curb Height of Spring (in.)	Inside Dia. (in.)	Wire Dia. (in.)	Spring Rate (lb./in.)
Pro	3,925	13.9	4.37	0.69	251
XLT		13.5		0.69	251
LARIAT		13.5		0.69	251
Platinum		13.9		0.70	280

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

## Tire Specifications

Size	Rim Width (in.)	Section Width (in.)	Static Loaded Radius (in.)
275/65R18 116T A/T	8.5	11.22	14.28
275/60/R20 116T A/S	8.5	11.20	14.89
275/60R20 115T A/T (T2P)	8.5	11.10	14.75
275/50R22 111T A/S	8.5	10.90	19.98

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

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Wheel Specifications

Wheel Type	Wheel Size (in.)	Inset (in./mm)	No. of Studs	Bolt Circle (in./mm)	Maximum Wheel Capacity Load Front/Rear (lbs.)
18" machined aluminum with high gloss black-painted pockets (643)	18 x 8.5	1.73/44	6	5.3/135	2,025/2,249
20" Dark Carbonized Gray-painted aluminum (645)	20 x 8.5	1.73/44	6	5.3/135	2,025/2,249
22" bright-machined aluminum with Ebony Black-painted pockets (647)	22 x 8.5	1.73/44	6	5.3/135	1,950/2,166

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

2022 F-150 Lightning > **Specs**

Electrical

**Standard Lighting/Reflector Equipment**

**Trailer Towing Wiring Harness**

2022 F-150 Lightning > **Specs** > **Electrical**

Standard Lighting/Reflector Equipment

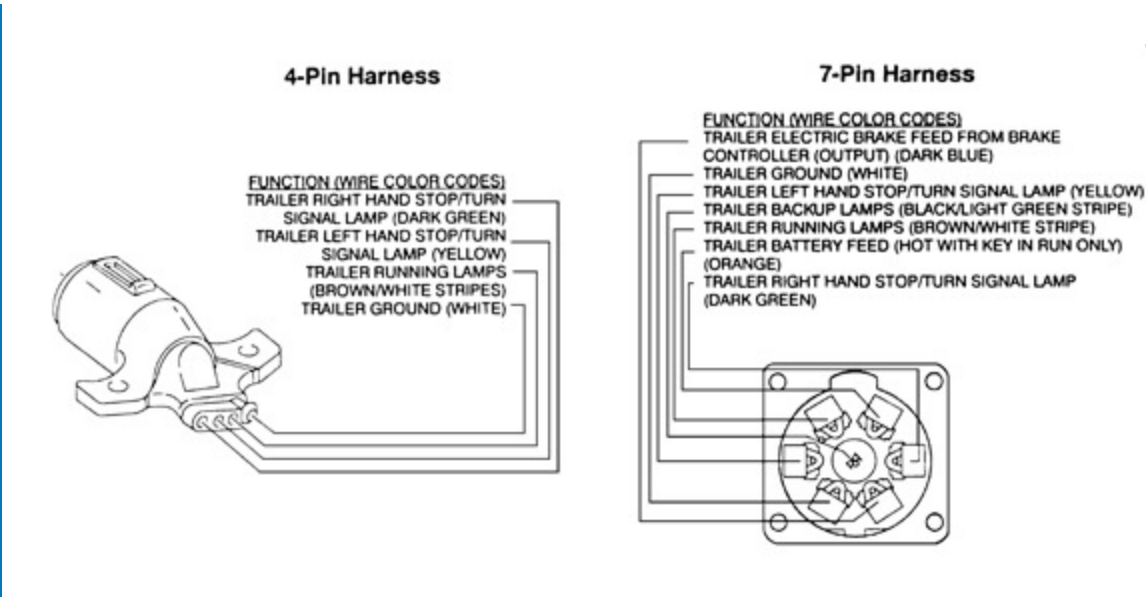
Light Reflector	Application
Headlamps (LED) with dynamic bending	All Series
Parking Lamps	All Series — Integral with turn signals
Front/Rear Turn Signals	All Series
Front Side Marker Lamps	All Series
Front Side Reflectors	All Series
Rear Side Reflectors	All Series
Rear Side Marker Lamps	All Series — integral with taillamps
License Plate Lamps	All Series
Two Combination Taillamps with Integral Stop, Turn Signal and Backup Lamps and Reflective Surface	All Series
Rear Reflectors	All Series
Front Daytime Running Lamps	All Series

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

2022 F-150 Lightning > **Specs** > **Electrical**

Trailer Towing Wiring Harness

Circuit Number	Circuit Description	Color Code
RAT08	Ground	White
CAT17	Parking 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



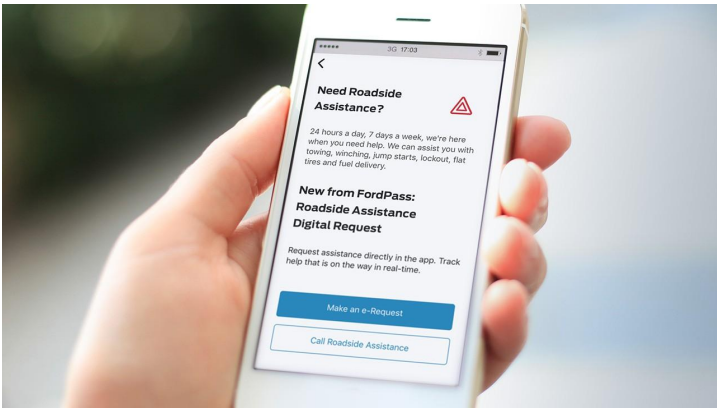
**NOTE:** Specifications and descriptions contained within are based upon the most current information available at the time of release. Content subject to change.

2022 F-150 Lightning > Specs

Warranties

24-HOUR ROADSIDE ASSISTANCE<sup>(1)</sup>

- Owners can call the toll-free number (1-800-241-3673) 24 hours a day
- Customers can also use their FordPass<sup>(2)</sup> App:
  - Tap the red Hazard icon at the top of the screen
  - Tap the Make an e-Request button
  - Follow the prompts, which allow owners to identify the type of service they need
  - Owners can follow real-time progress of their request on the FordPass map
- Services available include flat tire change, towing to the nearest Ford dealership, fuel delivery, jump start and lockout assistance
- The FordPass App also offers a link to Accident Assistance under Vehicle Details/Vehicle Support
  - Accident Assistance includes information on what to do in an accident and about collision repairs
  - It also provides a collision shop locator that identifies the nearest Ford Certified Collision Center
- Services available include towing and lockout assistance



- In the event of a breakdown or “out-of-charge,” US F-150 Lightning Roadside customers can choose from 3 different locations to be towed to within 35 miles of the vehicle breakdown location:
  - EV Certified Dealer
  - Nearest public charger (out-of-charge use case)
  - Their home residence (out-of-charge use case)
- Restrictions:
  - If the customer is over 35 miles from any of the above approved locations, Ford Roadside will tow the vehicle to the nearest location outside of the 35 miles at no charge to the customer
  - The customer is only charged if they choose to be towed to a location that is over 35 miles from their breakdown location AND there are approved locations within 35 miles
  - F-150 Lightning requires a flatbed tow vehicle (all 4 wheels off the ground) to prevent damaging the drivetrain

## POWERTRAIN LIMITED WARRANTY

- Powertrain Limited Warranty for Ford vehicles is 5 years or 60,000 miles, whichever comes first
- That’s an additional 2 years/24,000 miles (whichever comes first) of coverage beyond the bumper-to-bumper coverage for components such as the engine, transmission and front- or rear-wheel-drive parts

## NEW VEHICLE LIMITED WARRANTIES

- 3-year/36,000-mile (whichever comes first) bumper-to-bumper; no deductible
- 5-year/60,000-mile (whichever comes first) Powertrain Limited Warranty
- 5-year/unlimited-mileage (whichever comes first) Corrosion Perforation (aluminum panels don't require perforation)
- 5-year/60,000-mile (whichever comes first) Safety Restraint Warranty

## UNIQUE COMPONENT WARRANTY

- Under the Unique Component Warranty, Ford provides coverage of the high-voltage battery for 8 years or 100,000 miles (whichever occurs first)
- Refer to the Vehicle Warranty Guide for a complete list of all of the parts covered

(1) Roadside Assistance is included for certain owners and available to everyone for a per-service fee. Ford reserves the right to change program details without obligations. Ford Roadside Assistance is a complimentary offering to all Ford owners for up to 5 years or 60,000 miles (from the date of sale), whichever occurs first.

(2) FordPass, compatible with select smartphone platforms, is available via a download. Message and data rates may apply.

**NOTE:** See [www.motorcraftservice.com](http://www.motorcraftservice.com) for a link to a printable PDF of the Warranty Guide.