



2024 FORD F-150®

F-150 – CONNECTED TOUGHNESS

Combining exceptional strength, capability and intelligent technology, the 2024 F-150 pickup can tow more than any truck in its class¹ while delivering impressive payload ratings² too! A high-strength steel frame and military-grade aluminum alloy body make F-150 Built Ford Tough®.



1. Max towing of 13,500 lbs. available on F-150® SuperCrew® 6.5' box 4x4 with available 3.5L V6 engine (not shown). Class is Full-Size Pickups under 8,500 lbs. GVWR. When properly equipped. Max towing varies based on cargo, vehicle configuration, accessories and number of passengers. Requires Tow/Haul Package and optional Max Tow Axle. 2. When properly equipped. Max payload varies and is based on accessories and vehicle configuration. See label on doorjamb for carrying capacity of a specific vehicle. Always properly secure cargo.

F-150 Platinum SuperCrew in Rapid Red Metallic Clearcoat

IMPRESSIVE POWER AND CAPABILITY

F-150 has earned the reputation of being composed while working the hardest due to the strength of its torque-rich powertrain lineup. With 6 different engine choices, F-150 offers you many options to meet diverse job applications. So you can confidently pick the engine that best fits your recreational vehicle or job-related towing needs.

All 2024 F-150 powertrains include an innovative 10-speed automatic transmission with optimized gear spacing, including 3 overdrive gears to help maximize shift points to optimize power, low-rpm torque and fuel efficiency. Selectable Drive Modes provide added functionality.

Engine	HP @ rpm	Torque @ rpm	Available Max Towing (lbs.)	Available Max Payload (lbs.)
2.7L EcoBoost® V6	325 @ 5,000	400 lb.-ft. @ 3,000	8,400	1,775
3.5L EcoBoost V6	400 @ 6,000	500 lb.-ft. @ 3,100	13,500 ³	2,445
3.5L PowerBoost™ Full Hybrid V6	430 @ 6,000	570 lb.-ft. @ 3,000	11,200 ³	1,755
5.0L Ti-VCT V8	400 @ 6,000	410 lb.-ft. @ 4,250	12,900 ³	2,230 ⁴
3.5L EcoBoost H. O. V6 ⁵	450 @ 5,850	510 lb.-ft. @ 3,000	8,200	1,405 ⁶
5.2L Supercharged V8 ⁷	720 @ 6,650	640 lb.-ft. @ 4,300	8,700	1,410

3. Requires Tow/Haul Package and optional Max Tow Axle. 4. Max payload of 2,230 lbs. on SuperCrew 4x2 with 5.0L gas engine and Tow/Haul Package with optional Max Tow Axle. 5. Raptor only. 6. 37" tires. 7. Raptor R only.

Notes: • When properly equipped. Max towing varies based on cargo, vehicle configuration, accessories, and number of passengers. • Max payload varies and is based on accessories and vehicle configuration. See label on doorjamb for carrying capacity of a specific vehicle. Always properly secure cargo. • Horsepower, torque, payload and towing are independent attributes and may not be achieved simultaneously.

F-150 TOWING FEATURES

Standard Tow/Haul Mode reduces gear hunting, improves power delivery. Especially useful with hauling or towing a heavy load.

Standard Trailer Sway Control works in conjunction with the AdvanceTrac® with RSC (Roll Stability Control™) system to expand the vehicle's dynamic stability control capabilities, adding an additional layer of confidence and control while towing a trailer.

Available Trailer Brake Controller uses braking input, vehicle speed and ABS logic to balance the performance of the truck brakes and electric trailer brakes.

Available On-Board Scales with Smart Hitch provides real-time weight estimates of the total vehicle weight and cargo weight of an F-150, including the Smart Hitch measuring the trailer tongue load weight. This system indicates how much weight has been loaded, letting you know if the truck is within the maximum ratings. Works with all trailer types.

Available Pro Trailer Backup Assist™ and Pro Trailer Hitch Assist improve driver confidence by letting the driver steer the trailer instinctively while controlling the accelerator and brakes – the truck takes care of the rest. Pro Trailer Hitch Assist controls throttle, braking and steering to automatically back truck up and align conventional hitch ball to trailer receiver.

Trailer Reverse Guidance uses high-definition cameras to provide multiple views along with helpful steering guidance graphics to assist in backing and maneuvering a conventional trailer. Included with 360-Degree Camera®. Included on XLT series and above.

Standard BLIS® (Blind Spot Information System) with cross traffic alert and available trailer tow monitoring alerts the driver if something is detected in the trailer's blind spot⁸.

8. Driver-assist features are supplemental and do not replace the driver's attention, judgement and need to control the vehicle. It does not replace safe driving. See Owner's Manual for details and limitations.

Maximum towing capabilities are for properly equipped vehicles with required equipment and a 150-lb. driver and passenger and vary based on cargo, vehicle configuration, accessories, option content and number of passengers. Maximum payload capabilities are for properly equipped vehicles with required equipment and vary based on vehicle configuration, accessories, and option content. Horsepower, torque, payload and towing are independent attributes and may not be achieved simultaneously. For additional information, see your Ford Dealer.

REVISED 06.11.24



2024 FORD F-150®



F-150 Platinum Plus SuperCrew in Darkened Bronze Metallic

TRAILER TOWING SELECTOR

F-150 PICKUP CONVENTIONAL TOWING

Towing capability will vary based on trim series, option content and payload. Prior to making final vehicle selection, reference the Towing Basics information on the last page. See dealer and reference "eSourceBook" Job Aid "Spec'ing F-Series Trucks for Towing".

MAXIMUM LOADED TRAILER WEIGHT (lbs.)

Automatic Transmission			REGULAR CAB				SUPERCAB		SUPERCREW®		
Engine	Axle Ratio	GCWR (lbs.)	4x2 122.8" WB	4x2 141.5" WB	4x4 122.8" WB	4x4 141.5" WB	4x2 145.4" WB	4x4 145.4" WB	4x2 145.4" WB	4x4 145.4" WB	4x4 157.2" WB
5.0L 4-Valve V8	3.15	14,800		9,600			9,600		9,500		
	3.31	13,200			8,000						
		14,800		9,600			9,600		9,500	9,300	9,200
		14,900				9,600		9,400			
	3.73	13,900	9,000								
		14,600			9,400						
		15,300		10,200							
		15,600					10,400				
		15,700				10,400			10,400		
		15,800								10,300/10,000 ¹	10,200
		15,900						10,400			
		17,700						12,200 ²			
		17,900					12,700 ²				
		18,100							12,700 ²		
		18,400								12,900 ²	12,800 ²

1. Tremor® Package. 2. Requires Tow/Haul Package (53T) and optional Max Tow Axle.

- Notes:**
- Do not exceed trailer weight of 5,000 lbs. when towing without a weight-distribution system.
 - Combined weight of vehicle and trailer cannot exceed listed GCWR.
 - Do not exceed the Maximum Loaded Trailer Weight listed.
 - Trailer tongue load weight should be 10% of total loaded trailer weight. **Make sure vehicle payload (reduce by option weight) will accommodate trailer tongue load weight and weight of passengers and cargo added to towing vehicle.** Addition of trailer tongue load weight and weight of passengers and cargo cannot cause vehicle weights to exceed rear GAWR or GVWR. These ratings can be found on the vehicle Safety Compliance Certification Label.
 - Calculated with SAE J2807® method.

Maximum towing capabilities are for properly equipped vehicles with required equipment and a 150-lb. driver and passenger and vary based on cargo, vehicle configuration, accessories, option content and number of passengers. For additional information, see your Ford Dealer.

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2024 FORD F-150®



F-150 XLT SuperCrew in Atlas Blue Metallic

TRAILER TOWING SELECTOR

F-150 PICKUP CONVENTIONAL TOWING

Towing capability will vary based on trim series, option content and payload. Prior to making final vehicle selection, reference the Towing Basics information on the last page. See dealer and reference "eSourceBook" Job Aid "Spec'ing F-Series Trucks for Towing".

MAXIMUM LOADED TRAILER WEIGHT (lbs.)

Automatic Transmission		GCWR (lbs.)	REGULAR CAB		SUPERCAB		SUPERCREW®		
Engine	Axle Ratio		4x2 141.5" WB	4x4 141.5" WB	4x2 145.4" WB	4x4 145.4" WB	4x2 145.4" WB	4x4 145.4" WB	4x4 157.2" WB
2.7L GTDI V6	3.55	12,300	7,400						
		12,700		7,500	7,500				
		12,800				7,400	7,600		
		13,000						7,500	
		13,300	8,400						
	3.73	13,400		8,200	8,200	8,000	8,200		
		13,500						8,000	
3.5L GTDI V6	3.31	16,200	10,900						
		16,300			10,800				
		16,500		11,000			10,600		
		16,600				10,600			
		16,800						10,400	10,800
	3.55	16,200	10,900						
		16,300			10,800				
		16,500		11,000			10,600		
		16,600				10,600			
		16,800						10,400	10,800
	3.73	17,000 ³			10,900				
		17,700 ³				10,600			
		19,300 ³					12,800		
		19,400 ³						13,100	13,500
		17,100 ⁴						10,200	
3.5L GTDI V6 H.O. ¹	4.10	14,600						8,200	
		14,650						8,200	
5.2L Supercharged V8 ²	4.10	15,300						8,700	

1. Raptor only. 2. Raptor R only. 3. Requires Tow/Haul Package (53T) and optional Max Tow Axle. 4. Tremor® Package.

- Notes:**
- Do not exceed trailer weight of 5,000 lbs. when towing without a weight-distribution system.
 - Combined weight of vehicle and trailer cannot exceed listed GCWR.
 - Do not exceed the Maximum Loaded Trailer Weight listed.
 - Trailer tongue load weight should be 10% of total loaded trailer weight. **Make sure vehicle payload (reduce by option weight) will accommodate trailer tongue load weight and weight of passengers and cargo added to towing vehicle.** Addition of trailer tongue load weight and weight of passengers and cargo cannot cause vehicle weights to exceed rear GAWR or GVWR. These ratings can be found on the vehicle Safety Compliance Certification Label.
 - Calculated with SAE J2807® method.

Maximum towing capabilities are for properly equipped vehicles with required equipment and a 150-lb. driver and passenger and vary based on cargo, vehicle configuration, accessories, option content and number of passengers. For additional information, see your Ford Dealer.

REVISED 06.11.24



2024 FORD F-150®

TRAILER TOWING SELECTOR

F-150 PICKUP HYBRID

Towing capability will vary based on trim series, option content and payload. Prior to making final vehicle selection, reference the Towing Basics information on the last page. See dealer and reference "eSourceBook" Job Aid "Spec'ing F-Series Trucks for Towing".

CONVENTIONAL TOWING

Automatic Transmission

Engine	Axle Ratio	GCWR (lbs.)	SUPERCREW®	
			4x4	4x4
3.5L Hybrid V6	3.73	17,100	145.4" WB	157.2" WB
		18,400 ¹	11,200	11,000

MAXIMUM LOADED TRAILER WEIGHT (lbs.)

5TH-WHEEL/ GOOSENECK TOWING

Automatic Transmission

Engine	Axle Ratio	GCWR (lbs.)	SUPERCREW	
			4x4	4x4
3.5L Hybrid V6	3.73	17,100	145.4" WB	157.2" WB
		18,400 ¹	7,100	7,000

MAXIMUM LOADED TRAILER WEIGHT (lbs.)

1. Requires Tow/Haul Package (53T) and optional Max Tow Axle.

- Notes:**
- Do not exceed trailer weight of 5,000 lbs. when towing without a weight-distribution system.
 - Combined weight of vehicle and trailer cannot exceed listed GCWR.
 - Do not exceed the Maximum Loaded Trailer Weight listed.
 - Trailer tongue load weight should be 10% of total loaded trailer weight. **Make sure vehicle payload (reduce by option weight) will accommodate trailer tongue load weight and weight of passengers and cargo added to towing vehicle.** Addition of trailer tongue load weight and weight of passengers and cargo cannot cause vehicle weights to exceed rear GAWR or GVWR. These ratings can be found on the vehicle Safety Compliance Certification Label.
 - Calculated with SAE J2807® method.



F-150 XLT SuperCrew 4x4 in Iconic Silver Metallic

TRAILER TOWING SELECTOR

F-150 LIGHTNING®

Towing capability will vary based on trim series, option content and payload. Prior to making final vehicle selection, reference the Towing Basics information on the last page. See dealer and reference "eSourceBook" Job Aid "Spec'ing F-Series Trucks for Towing".

CONVENTIONAL TOWING

Automatic Transmission

Engine	Axle Ratio	GCWR (lbs.)	SUPERCREW	
			4x4	
Electric (F-150 Lightning)	9.61	11,700 ²	145.4" WB	
		12,200 ²	5,100/5,000 ⁶	
		14,400 ^{2,3}	7,700	
		14,800 ³	7,700	
		14,900 ³	7,700 ⁶	
		15,000 ⁴	7,700	
		15,900 ^{4,5}	8,500	
		16,700 ^{3,4,6}	9,500	
		17,300 ^{3,4}	10,000	

MAXIMUM LOADED TRAILER WEIGHT (lbs.)

2. Standard range battery. 3. Requires Max Trailer Tow Package (53D). 4. Extended range battery. 5. Platinum model. 6. Requires 20" All-Terrain tires.

- Notes:**
- Do not exceed trailer weight of 5,000 lbs. when towing without a weight-distribution system.
 - Combined weight of vehicle and trailer cannot exceed listed GCWR.
 - Do not exceed the Maximum Loaded Trailer Weight listed.
 - Trailer tongue load weight should be 10% of total loaded trailer weight. **Make sure vehicle payload (reduce by option weight) will accommodate trailer tongue load weight and weight of passengers and cargo added to towing vehicle.** Addition of trailer tongue load weight and weight of passengers and cargo cannot cause vehicle weights to exceed rear GAWR or GVWR. These ratings can be found on the vehicle Safety Compliance Certification Label.
 - Calculated with SAE J2807® method.



F-150 Lightning LARIAT SuperCrew 4x4 in Rapid Red Metallic Tinted Clearcoat

Maximum towing capabilities are for properly equipped vehicles with required equipment and a 150-lb. driver and passenger and vary based on cargo, vehicle configuration, accessories, option content and number of passengers. For additional information, see your Ford Dealer.

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2024 FORD F-150®



F-150 LARIAT SuperCrew in Rapid Red Metallic Clearcoat

TRAILER TOWING SELECTOR

F-150 PICKUP 5TH-WHEEL/GOOSENECK TOWING

Towing capability will vary based on trim series, option content and payload. Prior to making final vehicle selection, reference the Towing Basics information on the last page. See dealer and reference “eSourceBook” Job Aid “Spec’ing F-Series Trucks for Towing”.

MAXIMUM LOADED TRAILER WEIGHT (lbs.)

Automatic Transmission			REGULAR CAB				SUPERCAB		SUPERCREW®		
Engine	Axle Ratio	GCWR (lbs.)	4x2 122.8" WB	4x2 141.5" WB	4x4 122.8" WB	4x4 141.5" WB	4x2 145.4" WB	4x4 145.4" WB	4x2 145.4" WB¹	4x4 145.4" WB¹	4x4 157.2" WB
5.0L 4-Valve V8	3.15	14,800					9,500		9,500		
		13,200			8,000						
		14,800					9,500		9,500	9,200	9,100
	3.73	14,900				9,500		9,400			
		13,900	8,800								
		14,600			8,400						
		15,300		10,100							
		15,600					10,300				
		15,700				10,300			9,900		
		15,800								9,800/8,100²	10,000
		15,900						10,000			
		17,700³						10,000			
		17,900³					10,300				
		18,100³							11,600		
		18,400³								10,300	10,300

1. Vehicles equipped with a 5.5' box will accept a 5th-wheel hitch but most 5th-wheel trailer designs are not compatible with this model. 2. Tremor® Package. 3. Requires Tow/Haul Package (53T) and optional Max Tow Axle.

- Notes:**
- Combined weight of vehicle and trailer cannot exceed listed GCWR.
 - Do not exceed the Maximum Loaded Trailer Weight listed.
 - Trailer king pin load weight should be 15% of total loaded trailer weight. **Make sure vehicle payload (reduce by option weight) will accommodate trailer king pin load weight and weight of passengers and cargo added to towing vehicle.** Addition of trailer tongue load weight and weight of passengers and cargo cannot cause vehicle weights to exceed rear GAWR or GVWR. These ratings can be found on the vehicle Safety Compliance Certification Label.
 - Calculated with SAE J2807® method.

TAILGATE CLEARANCE

Considerations When Towing a 5th-Wheel or Gooseneck Trailer†

Model	F-150
Max. Tailgate Height 4x4*	58.3 inches
†5th-wheel towing is not recommended for Raptor or Lightning models.	Note: Maximum tailgate height will vary based upon vehicle configuration, option content and tire size.
*Distance from ground to top of closed tailgate lip at base curb weight.	

Maximum towing capabilities are for properly equipped vehicles with required equipment and a 150-lb. driver and passenger and vary based on cargo, vehicle configuration, accessories, option content and number of passengers. For additional information, see your Ford Dealer.

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2024 FORD F-150®



F-150 King Ranch® SuperCrew 4x4 with Chrome Appearance Package in Oxford White

TRAILER TOWING SELECTOR

F-150 PICKUP 5TH-WHEEL/GOOSENECK TOWING

Towing capability will vary based on trim series, option content and payload. Prior to making final vehicle selection, reference the Towing Basics information on the last page. See dealer and reference "eSourceBook" Job Aid "Spec'ing F-Series Trucks for Towing".

Automatic Transmission

MAXIMUM LOADED TRAILER WEIGHT (lbs.)

Engine	Axle Ratio	GCWR (lbs.)	REGULAR CAB		SUPERCAB		SUPERCREW®		
			4x2 141.5" WB	4x4 141.5" WB	4x2 145.4" WB	4x4 145.4" WB	4x2 145.4" WB ¹	4x4 145.4" WB ¹	4x4 157.2" WB
2.7L GTDI V6	3.55	12,300	7,300						
		12,700		7,400	7,500				
		12,800				7,300	7,400		
		13,000						7,200	
		13,300	8,300						
3.5L GTDI V6	3.73	13,400		8,100	7,500	7,500	7,400		
		13,500						7,200	
		16,200	10,900						
		16,300			8,500				
		16,500		10,300			8,200		
	3.55	16,600				8,300			
		16,800						8,100	8,300
		16,200	10,900						
		16,300			8,500				
		16,500		10,300			8,200		
		16,600				8,300			
		16,800						8,100	8,300
		17,600			8,500				
		17,700 ²				8,300			
		19,300 ²					10,100		
		19,400 ²						8,800	9,200
		17,100 ³						7,900	

1. Vehicles equipped with a 5.5' box will accept a 5th-wheel hitch but most 5th-wheel trailer designs are not compatible with this model. 2. Requires Tow/Haul Package (53T) and optional Max Tow Axle. 3. Tremor® Package.

- Notes:**
- Combined weight of vehicle and trailer cannot exceed listed GCWR.
 - Do not exceed the Maximum Loaded Trailer Weight listed.
 - Trailer king pin load weight should be 15% of total loaded trailer weight. **Make sure vehicle payload (reduce by option weight) will accommodate trailer king pin load weight and weight of passengers and cargo added to towing vehicle.** Addition of trailer tongue load weight and weight of passengers and cargo cannot cause vehicle weights to exceed rear GAWR or GVWR. These ratings can be found on the vehicle Safety Compliance Certification Label.
 - Calculated with SAE J2807® method.

Maximum towing capabilities are for properly equipped vehicles with required equipment and a 150-lb. driver and passenger and vary based on cargo, vehicle configuration, accessories, option content and number of passengers. For additional information, see your Ford Dealer.

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2024 FORD F-150®

REQUIRED EQUIPMENT

Includes items that must be installed.* Your New Vehicle Limited Warranty (see your dealer for a copy) may be voided if you tow without them.

F-150 Pickup

For trailers over 11,600 lbs. – Tow/Haul Package (53T)⁴

F-150 Lightning®

For trailers over 5,000 lbs. with standard-range battery or trailers over 7,700 lbs. with extended-range battery – Trailer Tow Package (53D)

**Check with your dealer for additional requirements, restrictions and limited warranty details.*

4. Optional Max Tow Axle required to achieve maximum towing.

FRONTAL AREA LIMITATION

Frontal Area is the total area in square feet that a moving vehicle and trailer exposes to air resistance.

The maximum trailer frontal area that must be considered for an **F-150 Pickup**/trailer combination is **55 sq. ft. for vehicles with Trailer Tow Rating of 7,700 lbs. or less, 65 sq. ft. for vehicles with Trailer Tow Rating of 7,701 lbs. and greater and 75 sq. ft. for all 5th-Wheel and Gooseneck applications.** Exceeding these limitations may significantly reduce the performance of your towing vehicle.

The maximum trailer frontal area that must be considered for an **F-150 Lightning**/trailer combination is **40 sq. ft. with standard-range battery and without Trailer Tow Package (53D), 55 sq. ft. with standard-range battery and Trailer Tow Package (53D) and 60 sq. ft. with extended-range battery.** Exceeding these limitations may significantly reduce the performance of your towing vehicle.

FACTORY-INSTALLED TRAILER HITCH RECEIVER OPTION

F-150 Lightning

Standard

F-150 Raptor® Pickup

Standard

F-150 Pickup

A 2" hitch receiver rated at 11,600 lbs. is standard. Tow/Haul Package (53T) includes 2" reinforced receiver rated at 14,000 lbs.

See Hitch Receiver Weight Capacity chart for the weight-carrying and weight-distributing capacities of these hitch receivers. (These capacities also are shown on a label affixed to each receiver.)

HITCH RECEIVER WEIGHT CAPACITY

Refer to the Trailer Towing Selector chart for Maximum Loaded Trailer Weight for these vehicles.

	Weight-Carrying Max Trailer Capacity (lbs.) ⁸	Max Tongue Load (lbs.)	Weight-Distributing Max Trailer Capacity (lbs.) ⁸	Max Tongue Load (lbs.)
F-150 Pickup	5,000	500	13,500	1,350
F-150 Lightning	5,000	500	10,000	1,000
F-150 Raptor Pickup	5,000	500	8,200	820
F-150 Raptor R	5,000	500	8,700	870

8. Hitch receivers do not include a hitch ball or ball mounting. You are responsible for obtaining the proper hitch ball, ball mounting, and other appropriate equipment to tow both the trailer and its cargo load.

AVAILABLE TRAILER TOWING PACKAGE

(Option Code)	F-150 Lightning (53D) ¹	F-150 Lightning (17V) ²	F-150 (53T)	F-150 Raptor (NOC)
7-Wire Harness & 4-/7-Pin Connector	S	S	S	S
Hitch Receiver	S	S	S	S
Aux. Auto Trans. Oil Cooler				S
Radiator Upgrade				S
Smart Trailer Tow Connector	S	S	S	S
Upgraded Rear Axle			I ^{3,4}	S
Tow/Haul Mode	S	S	S	S
Tow Hooks, Front				S
2-Speed Automatic 4WD				S
Trailer Brake Controller	I		I	S
Trailer Sway Control	S	S	S	S
Trailer Reverse Guidance		I	S ⁵	
360-Degree Camera	S ²	I	S ⁶	S
Lane Keeping Alert	S	S	S	S
Pro Trailer Backup Assist™		I	S ⁷	S
Pro Trailer Hitch Assist		I	S ⁷	S
Onboard Scales with Smart Hitch		I	I ⁵	

1. Optional on Pro, XLT and LARIAT; standard on Platinum. 2. Standard on (311A) and above. 3. Standard on PowerBoost™. 4. Optional Max Tow Axle required to achieve maximum towing. 5. Included with 360-Degree Camera on XLT series and above. 6. Standard on XLT and above. 7. XLT series and above.

Note: Content may vary depending on model, trim and/or powertrain. See your Ford Dealer for specific content information for all light trucks that will be used for towing to help ensure easy, proper connection of trailer lights.

LEGEND

I = Equipment is included in the package
S = Equipment is standard on the vehicle
(NOC) = No "Option Code" assigned

REAR AXLE RATIO CODES

If you do not know the axle ratio of your vehicle, check its Truck Safety Compliance Certification Label (located on the left front door lock facing or the door latch post pillar). Below the bar code, you will see the word AXLE and a two-digit code. Use this chart to find the axle ratio that corresponds to that code:

	Rear Axle Ratio	Non-Limited Slip	Electronic Locking
F-150 Pickup	3.15	15	Not Available
	3.31	27	L3
	3.55	19	L9
	3.73	26	L6
	4.10	Not Available	L4
F-150 Lightning	9.61	Not Available	Std.

Maximum towing capabilities are for properly equipped vehicles with required equipment and a 150-lb. driver and passenger and vary based on cargo, vehicle configuration, accessories, option content and number of passengers. For additional information, see your Ford Dealer.

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TOWING BASICS

Cargo And Weight Distribution

For optimum handling and braking, the load must be properly distributed

Keep center of gravity low for best handling

Cargo and load capacity limited by weight and weight distribution

Approximately 60% of the allowable cargo weight should be in the front half of the trailer and 40% in the rear (within limits of tongue load or king pin weight)

Load should be balanced from side-to-side to optimize handling and tire wear

Load must be firmly secured to prevent shifting during cornering or braking, which could result in a sudden loss of control

Before Starting

Before setting out on a trip, practice turning, stopping and backing up your trailer in an area away from heavy traffic

Know clearance required for trailer roof

Check equipment (make a checklist)

Backing Up

Back up slowly, with someone spotting near the rear of the trailer to guide you

Place one hand at bottom of steering wheel and move it in the direction you want the trailer to go

Make small steering inputs – slight movement of steering wheel results in much greater movement in rear of trailer

Braking

Allow considerably more distance for stopping with trailer attached

Remember, the braking system of the tow vehicle is rated for operation at the Gross Vehicle Weight Rating (GVWR), not Gross Combination Weight Rating (GCWR)

If your tow vehicle is an F-150®, F-Series Super Duty®, Transit® or Expedition® and your trailer has electric brakes, the optional Integrated Trailer Brake Controller (TBC) assists in smooth and effective trailer braking by powering the trailer's electric or electric-over-hydraulic brakes with proportional output based on the towing vehicle's brake pressure

If you are experiencing trailer sway and your vehicle is equipped with electric brakes and a brake controller, activate the trailer brakes with the brake controller by hand. Do not apply the tow vehicle brakes as this can result in increased sway

Towing a trailer is demanding on your vehicle, your trailer and your personal driving skills. Follow some basic rules that will help you tow safely and have a lot more fun.

For the latest RV & Trailer Towing information, check out [Ford Pro | Manuals & Certificates](#).

Turning

When turning, be sure to swing wide enough to allow trailer to avoid curbs and other obstructions

Towing On Hills

Downshift the transmission to assist braking on steep downgrades and to increase power (reduce lugging) when climbing hills

With TorqShift® transmission, select tow/haul mode to automatically eliminate unwanted gear search when going uphill and help control vehicle speed when going downhill

Parking With A Trailer

Whenever possible, vehicles with trailers should not be parked on a grade. However, if it is necessary, place wheel chocks under the trailer's wheels, following the instructions below

Apply the foot service brakes and hold. Have another person place the wheel chocks under the trailer wheels on the downgrade side

Once the chocks are in place, release brake pedal, making sure the chocks will hold the vehicle and trailer

Apply the parking brake

Shift automatic transmission into park, or manual transmission into reverse

With 4-wheel drive, make sure the transfer case is not in neutral (if applicable)

Starting Out Parked On A Grade

Apply the foot service brake and hold

Start the engine with transmission in park (automatic) or neutral (manual)

Shift the transmission into gear and release the parking brake

Release the brake pedal and move the vehicle uphill to free the chocks

Apply the brake pedal while another person retrieves the chocks

Acceleration And Passing

The added weight of the trailer can dramatically decrease the acceleration of the towing vehicle – exercise caution

When passing a slower vehicle, be sure to allow extra distance. Remember, the added length of the trailer must clear the other vehicle before you can pull back in

Signal and make your pass on level terrain with plenty of clearance

If necessary, downshift for improved acceleration

Driving With An Automatic Overdrive Transmission

With certain automatic overdrive transmissions, towing – especially in hilly areas – may cause excessive shifting between overdrive and the next lower gear

To eliminate this condition and achieve steadier performance, overdrive can be locked out (see vehicle Owner's Manual)

If excessive shifting does not occur, use overdrive to help enhance performance

Overdrive may also be locked out to obtain engine braking on downgrades

When available, select tow/haul mode to automatically eliminate unwanted gear search and help control vehicle speed when going downhill

Driving With Cruise Control¹

Turn off the cruise control with heavy loads or in hilly terrain. The cruise control may turn off automatically when you are towing on long, steep grades. Use caution while driving on wet roads and avoid using cruise control in rainy or winter weather conditions

¹ Driver-assist features are supplemental and do not replace the driver's attention, judgement and need to control the vehicle. It does not replace safe driving. See Owner's Manual for details and limitations.

Tire Pressure

Underinflated tires get hot and may fail, leading to possible loss of vehicle control

Overinflated tires may wear unevenly and compromise traction and stopping capability

Tires should be checked often for conformance to recommended cold inflation pressures

Spare Tire Use

A conventional, identical full-size spare tire is required for trailer towing (mini, compact and dissimilar full-size spare tires should not be used; always replace the spare tire with a new road tire as soon as possible)

On The Road

After about 50 miles, stop in a protected location and double-check:

Trailer hitch attachment

Lights and electrical connections

Trailer wheel lug nuts for tightness

Engine oil – check regularly throughout your trip

High Altitude Operation

Your vehicle may have reduced performance when operating at high altitudes and when heavily loaded or towing a trailer. While driving at elevation, in order to match driving performance as perceived at sea level, reduce Gross Vehicle Weight (GVW) and Gross Combination Weight (GCW) by 2% per 1,000 ft. elevation

Powertrain/Frontal Area Considerations

The charts in this Guide show the minimum powertrain needed to achieve an acceptable towing performance for the listed GCW of tow vehicle and trailer

Under certain conditions, however, (e.g., when the trailer has a large frontal area that adds substantial air drag or when trailering in hilly or mountainous terrain) it is wise to choose a vehicle with a higher rating

Towing performance is maximized with a low-drag, rounded front design trailer

Selecting A Trim Series

Your specific vehicle's tow capability could be reduced based on weight of selected trim series and option content

Note: For additional trailering information pertaining to your vehicle, refer to the vehicle Owner's Manual.