



# 2021 FORD F-150 PICKUP



F-150 Lariat SuperCrew® 4x4 with Sport Appearance Package in Agate Black

## TOUGH, POWERFUL, PRODUCTIVE.

The all-new 2021 F-150 Pickup is a true workhorse and is purpose-built to handle the toughest jobs. A fully boxed high-strength steel frame with a high-strength, military-grade, aluminum alloy body to save weight and add capability, helping F-150 tow best-in-class maximum available **14,000 lbs.**<sup>1</sup> and deliver a best-in-class available payload rating of **3,325 lbs.**<sup>2</sup>

### More 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. All new for 2021, the available 3.5L PowerBoost™ Full Hybrid V6 delivers Built Ford Tough® capability with most torque in an F-150, and 12,700 pounds of available maximum towing capacity<sup>3</sup> with an EPA-estimated range of approximately 700 miles on a single tank of gas.<sup>4</sup> The entire F-150 engine lineup has been extensively tested to meet the highest durability and reliability standards. So you can confidently pick the engine that best fits your recreational vehicle or job-related towing needs.

All 2021 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. New Selectable Drive Modes provide added functionality for 2021.

Engine	HP @ rpm	Torque @ rpm	Available Max. Towing (lbs.)	Available Max. Payload (lbs.)
3.3L Ti-VCT V6	290 @ 6,500	265 lb.-ft. @ 4,000	8,200	1,985
2.7L EcoBoost® V6	325 @ 5,000	400 lb.-ft. @ 3,000	10,100	2,480
3.5L EcoBoost V6	400 @ 6,000	500 lb.-ft. @ 3,100	14,000	3,250
3.5L PowerBoost Full Hybrid V6	430 @ 6,000	570 lb.-ft. @ 3,000	12,700	2,120
5.0L Ti-VCT V8	400 @ 6,000	410 lb.-ft. @ 4,250	13,000	3,325
3.0L Turbo Diesel V6	250 @ 3,250	440 lb.-ft. @ 1,750	12,100	1,840
3.5L EcoBoost H. O. V6 <sup>5</sup>	450 @ 5,850	510 lb.-ft. @ 3,000	8,200	1,400

<sup>1</sup> Max towing of 14,000 lbs. available on SuperCab 8' box 4x2 and SuperCrew® 4x2 configurations with the 3.5L EcoBoost engine and Max Trailer Tow Package (not shown). Max towing varies based on cargo, vehicle configuration, accessories and number of passengers. <sup>2</sup> Max payload of 3,325 lbs. on Regular Cab 8' box 4x2 with 5.0L gas engine and Max Trailer Tow and Heavy-Duty Payload Packages (not shown). Max payload varies and is based on accessories and vehicle configuration. <sup>3</sup> Max towing on F-150 XL, PowerBoost, 4x2, Max Trailer Tow Package. Maximum towing varies based on cargo, vehicle configuration, accessories and number of passengers. <sup>4</sup> Targeted EPA-estimated range applies to an available trim. Actual range will vary. Final EPA-estimated ratings available later in the 2020 calendar year. <sup>5</sup> Raptor only.

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. See label on door jamb for carrying capacity of a specific vehicle. Horsepower, torque, payload and towing are independent attributes and may not be achieved simultaneously. For additional information, see your Ford Dealer.

## F-150 TOWING FEATURES

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

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

**Standard Hill Start Assist** helps prevent rolling back on a grade by momentarily maintaining brake pressure until the engine delivers enough torque to move the truck up the hill.

**Available Trailer Brake Controller** uses braking input, vehicle speed and ABS logic to balance the performance of the truck brakes and electric trailer brakes. Fully integrated into the instrument panel and vehicle's onboard computer.

**Available Pro Trailer Backup Assist™** improves driver confidence by letting the driver steer the trailer instinctively while controlling the accelerator and brakes – the truck takes care of the rest.

**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 spot (Standard on Lariat, King Ranch® Platinum and Limited; available on XLT).

**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 available Tow Technology Package (17T).

**Note:** 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.



# 2021 FORD F-150 PICKUP

## PRODUCTIVITY MAXIMIZED.

Designed and built for getting things done, the all-new 2021 F-150 Pickup brings ingenious features and new technology to maximize your productivity.

### Pro Power Onboard

Available class-exclusive<sup>1</sup> feature expands F-150's capability by bringing generator levels of exportable power to work sites and campsites. Provides 2.0kW, 2.4kW or 7.2kW of output depending on configuration. Accessible via in-cabin outlets and up to 4 cargo bed-mounted 120-volt/20-amp outlets with a 240-volt/30-amp outlet on models equipped the available 7.2kW system.

### Available Interior Work Surface and Stowable Shifter

Interior work surface provides space for working on a laptop or enjoying a meal when parked. The shifter stows so the large work surface can fold directly from the center console or pivot out with bench seats.

### Rear Seat Storage and Lockable Under-Seat Storage

Keeps your essentials concealed and secure with new, available lockable under-seat storage. It's integrated with the floor to keep your gear conveniently out of the way. The rear flat load floor gives you a spot to slide in all your larger equipment.

### Class Exclusive<sup>1</sup> Max Recline Seats<sup>2</sup>

Provides ultimate comfort during downtime. Max Recline Seats fold flat to nearly 180 degrees, with the bottom cushion rising to meet the back cushion and the upper back support rotating forward up to 10 degrees for maximum comfort and rest between jobs.

### Tailgate Cleats and Work Surface

Standard new cleats mounted to the sides of the tailgate act as tie-down locations for extra-long items in the bed. New clamp pockets are built in to the tailgate to hold down materials for precision work. Available flat Tailgate Work Surface includes integrated rulers, mobile device holder, cup holder and pencil holder.

### 12" Center Stack Touchscreen

New Sync<sup>®</sup> 4 with new available 12-inch touchscreen with landscape orientation allows split-screen access and control of multiple functions simultaneously, including navigation and key truck features.

### Ford Co-Pilot360™ Assist 2.0<sup>3</sup>

Provides an extra level of driver-assist technology including Intelligent Adaptive Cruise Control with Stop-and-Go, Lane Centering and Speed Sign Recognition, Evasive Steering Assist, Intersection Assist and Connected Built-in Navigation.<sup>4</sup>

### Over-the-Air Updates

Standard bumper-to-bumper feature helps your truck stay at the forefront of purposeful technology. Includes all-new functions and features throughout the life of the truck.



<sup>1</sup> Class is Full-Size Pickups under 8,500-lbs. GVWR. <sup>2</sup> Available on King Ranch<sup>®</sup> Platinum and Limited models. <sup>3</sup> Ford Co-Pilot360 Assist 2.0 is available on XLT and Lariat; standard on King Ranch, Platinum and Limited models. <sup>4</sup> Navigation services require Sync 4 and FordPass Connect, complimentary Connected Service and the FordPass app.





# 2021 FORD F-150 PICKUP



## F-150 | TRAILER TOWING SELECTOR

F-150 STX SuperCab 4x4 in Velocity Blue

### MAXIMUM LOADED TRAILER WEIGHT (lbs.)

Towing capability will be reduced 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			REGULAR CAB				SUPERCAB				SUPERCREW®					
Engine	Axle Ratio	GCWR (lbs.)	4x2		4x4		4x2		4x4		4x2		4x4			
			122.8" WB	141.5" WB	122.8" WB	141.5" WB	145.4" WB	164.1" WB	145.4" WB	164.1" WB	145.4" WB	157.2" WB	145.4" WB	157.2" WB		
3.3L PFDI V6 <sup>3</sup>	3.55	9,400	5,000	-	-	-	-	-	-	-	-	-	-	-		
		9,500	-	5,000	-	-	-	-	-	-	-	-	-	-		
		9,700	-	-	5,100	-	5,000	-	-	-	-	-	-	-	-	
		9,900	-	-	-	-	-	-	-	-	5,100	-	-	-	-	
	3.73	12,600	8,200	-	-	-	-	-	-	-	-	-	-	-	-	
		12,700	-	8,200	-	-	-	-	-	-	-	-	-	-	-	
		12,800	-	-	8,200	-	-	-	-	-	-	-	-	-	-	
		12,900	-	-	-	8,200	8,200	-	-	-	-	-	-	-	-	
		13,000	-	-	-	-	-	-	-	8,200	-	-	-	-	-	
		13,100	-	-	-	-	-	-	-	8,100	-	-	-	-	-	
		13,300	-	-	-	-	-	-	-	-	-	-	8,200	-	-	
		5.0L 4-Valve V8 <sup>4</sup>	3.15	13,000	8,300	-	-	-	-	-	-	-	-	-	-	-
				14,800	-	9,900	-	-	9,800	9,600	-	-	9,700	9,600	-	-
3.31	13,000		8,300	-	-	-	-	-	-	-	-	-	-	-		
	13,200		-	-	8,200	-	-	-	-	-	-	-	-	-	-	
3.73	14,800		-	9,900	-	9,700	9,800	9,600	9,500	9,400	9,700	9,600	9,400	9,300		
	13,800		9,100	-	-	-	-	-	-	-	-	-	-	-		
	14,600		-	-	9,600	-	-	-	-	-	-	-	-	-		
	15,300		-	10,400	-	-	-	-	-	-	-	-	-	-		
	15,500		-	-	-	-	10,500	-	-	-	-	-	-	-		
	15,600		-	-	-	10,500	-	10,400	-	-	10,500	10,400	-	-		
	15,800		-	-	-	-	-	-	10,500	10,400	-	-	10,400	10,300		
	17,600 <sup>1</sup>		-	-	-	-	-	-	12,300	-	-	-	-	-		
	17,800 <sup>1</sup>		-	-	-	-	12,800	-	-	-	-	-	-	-		
	17,900 <sup>1</sup>		-	13,000	-	12,800	-	-	-	-	-	-	-	-		
	18,000 <sup>2</sup>		-	13,000	-	-	-	-	-	-	-	-	-	-		
	18,100 <sup>1</sup>		-	-	-	-	-	-	-	-	12,900	-	-	-		
	18,200 <sup>1</sup>		-	-	-	-	-	-	13,000	-	-	13,000	-	-		
	18,300 <sup>1,2</sup>		-	-	-	13,000	-	13,000	-	-	-	-	-	-		
18,400	-	-	-	-	-	-	-	-	13,000 <sup>1</sup>	13,000 <sup>1,2</sup>	13,000 <sup>1</sup>	12,900 <sup>1</sup>				
18,500 <sup>1,2</sup>	-	-	-	-	-	-	-	-	13,000	-	-	-				
18,600 <sup>1,2</sup>	-	-	-	-	-	-	-	-	-	-	-	13,000				
3.0L Turbo Diesel V6 <sup>4</sup>	3.31	16,300	-	-	-	-	-	-	10,500	-	-	-	10,400	10,400		
		16,300	-	-	-	-	-	-	10,500	-	-	-	10,400	10,400		
	3.55	17,900 <sup>1</sup>	-	-	-	-	-	-	12,100	-	-	-	-	-		
		18,000 <sup>1</sup>	-	-	-	-	-	-	-	-	-	-	12,100	12,100		

1 Requires Max Trailer Tow Package (53C).  
 2 Requires Heavy-Duty Payload Package (627). 3 Do not exceed a trailer weight of 6,000 lbs. with only the Class IV hitch (53B), without the Trailer Tow Package (53A).  
 4 Do not exceed a trailer weight of 7,000 lbs. with only the Class IV hitch (53B), without the Trailer Tow Package (53A).

Notes: • Calculated with SAE J2807<sup>®</sup> method.

- Do not exceed trailer weight of 5,000 lbs. when towing with bumper only.
- 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.

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. See label on door jamb for carrying capacity of a specific vehicle. For additional information, see your Ford Dealer.



# 2021 FORD F-150 PICKUP



## F-150 | TRAILER TOWING SELECTOR

F-150 King Ranch® SuperCrew 4x2 in Agate Black

### MAXIMUM LOADED TRAILER WEIGHT (lbs.)

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

### CONVENTIONAL TOWING

Automatic Transmission			REGULAR CAB				SUPERCAB				SUPERCREW®					
Engine	Axle Ratio	GCWR (lbs.)	4x2		4x4		4x2		4x4		4x2		4x4			
			122.8" WB	141.5" WB	122.8" WB	141.5" WB	145.4" WB	164.1" WB	145.4" WB	164.1" WB	145.4" WB	157.2" WB	145.4" WB	157.2" WB		
2.7L GTDI V6 <sup>4</sup>	3.55	12,200	7,600	-	-	-	-	-	-	-	-	-	-	-		
		12,300	-	7,600	-	-	-	-	-	-	-	-	-	-		
		12,500	-	-	7,700	-	-	-	-	-	-	-	-	-	-	
		12,600	-	-	-	7,700	7,700	7,600	-	-	-	-	-	-	-	
		12,700	-	-	-	-	-	-	-	-	7,700	-	-	-	-	
		12,800	-	-	-	-	-	-	-	7,600	-	7,800	-	-	-	
		12,900	-	-	-	-	-	-	-	-	-	-	7,700	-	-	
		3.73	13,200	8,600	-	-	-	-	-	-	-	-	-	-	-	-
			13,300	-	8,600	8,500	8,400	8,400	8,300	8,100	-	8,300	8,300	8,100	-	-
	14,800 <sup>1</sup>		-	10,000	-	-	-	-	-	-	-	-	-	-	-	
	15,000 <sup>1</sup>		-	-	-	-	10,000	-	-	-	-	-	-	-	-	
	15,100 <sup>1</sup>		-	-	-	10,000	-	10,000	-	-	10,000	10,000	-	-	-	
	15,300 <sup>1</sup>		-	-	-	-	-	-	10,100	-	-	-	-	-	-	
	3.5L GTDI V6 <sup>5</sup>	3.31	16,100	-	11,200	-	-	-	-	-	-	-	-	-	-	
			16,200	-	-	-	-	11,000	-	-	-	-	-	-	-	
16,400			-	-	-	11,200	-	-	-	-	-	-	-	-		
16,500			-	-	-	-	-	11,200	11,100	-	11,200	-	-	-	-	
16,600			-	-	-	-	-	-	-	-	-	11,300	-	-	-	
16,800			-	-	-	-	-	-	-	11,200	-	-	11,300	11,200	-	
3.55			16,100	-	11,200	-	-	-	-	-	-	-	-	-	-	-
			16,200	-	-	-	-	11,000	-	-	-	-	-	-	-	-
			16,400	-	-	-	11,200	-	-	-	-	-	-	-	-	-
		16,500	-	-	-	-	-	11,200	11,100	-	11,200	-	-	-	-	
		16,600	-	-	-	-	-	-	-	-	-	11,300	-	-	-	
		16,800	-	-	-	-	-	-	-	11,200	-	-	11,300	11,200	-	
3.73		17,500 <sup>2</sup>	-	-	-	-	-	12,300	-	-	-	-	-	-	-	
		17,700 <sup>2</sup>	-	-	-	-	-	-	12,300	-	-	-	-	-	-	
		17,900 <sup>2</sup>	-	13,000	-	12,700	-	-	-	-	-	-	-	-	-	
	19,300 <sup>2</sup>	-	-	-	-	-	-	-	-	14,000	-	-	-	-		
	19,400 <sup>2</sup>	-	-	-	-	-	-	-	-	-	14,000	-	-	-		
	18,400 <sup>2,3</sup>	-	13,300	-	13,100	-	-	-	-	-	14,000	13,900	13,800	-		
	19,400 <sup>2,3</sup>	-	-	-	-	-	14,000	-	13,800	-	14,000	-	-	-		
	19,500 <sup>2,3</sup>	-	-	-	-	-	-	-	-	-	-	-	13,800	-		
	3.5L GTDI V6 H. O. <sup>6</sup>	4.10	14,500	-	-	-	-	-	-	-	-	-	-	8,200	-	
14,575 <sup>7</sup>			-	-	-	-	-	-	-	-	-	-	8,200	-		
16,700			-	-	-	-	-	-	-	-	11,000	-	-	-		
3.5L Hybrid V6 <sup>5</sup>	3.55	16,800	-	-	-	-	-	-	-	-	-	11,100	-	-		
		18,400 <sup>2</sup>	-	-	-	-	-	-	-	-	12,700	12,700	-	-		
	3.73	17,000	-	-	-	-	-	-	-	-	-	-	11,000	11,000		
		18,400 <sup>2</sup>	-	-	-	-	-	-	-	-	-	-	12,400	12,400		

**1** Requires 2.7L EcoBoost® Payload Package (622). **2** Requires Max Trailer Tow Package (53C). **3** Requires Heavy-Duty Payload Package (627). **4** Do not exceed a trailer weight of 6,000 lbs. with only the Class IV hitch (53B), without the Trailer Tow Package (53A). **5** Do not exceed a trailer weight of 7,000 lbs. with only the Class IV hitch (53B), without the Trailer Tow Package (53A). **6** Raptor only. **7** Available Raptor 37 Performance Package (68R).

**Notes:**

- Calculated with SAE J2807® method.
- Do not exceed trailer weight of 5,000 lbs. when towing with bumper only.
- 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.

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. See label on door jamb for carrying capacity of a specific vehicle. For additional information, see your Ford Dealer.



# 2021 FORD F-150 PICKUP



## F-150 | TRAILER TOWING SELECTOR

F-150 XLT SuperCrew 4x4 in Grey

### 5TH-WHEEL/ GOOSENECK TOWING

### MAXIMUM LOADED TRAILER WEIGHT (lbs.)

**Towing capability will be reduced 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			REGULAR CAB				SUPERCAB				SUPERCREW®				
Engine	Axle Ratio	GCWR (lbs.)	4x2		4x4		4x2		4x4		4x2		4x4		
			122.8" WB	141.5" WB	122.8" WB	141.5" WB	145.4" WB	164.1" WB	145.4" WB	164.1" WB	145.4" WB <sup>5</sup>	157.2" WB	145.4" WB <sup>5</sup>	157.2" WB	
3.3L PFDI V6 <sup>3</sup>	3.55	9,400	5,000	-	-	-	-	-	-	-	-	-	-	-	
		9,500	-	5,000	-	-	-	-	-	-	-	-	-	-	
		9,700	-	-	5,100	-	5,000	-	-	-	-	-	-	-	
		9,900	-	-	-	-	-	-	-	-	5,100	-	-	-	
		12,600	8,200	-	-	-	-	-	-	-	-	-	-	-	
	3.73	12,700	-	8,200	-	-	-	-	-	-	-	-	-	-	
		12,800	-	-	8,200	-	-	-	-	-	-	-	-	-	
		12,900	-	-	8,200	8,200	8,200	-	-	-	-	-	-	-	
		13,000	-	-	-	-	-	-	-	8,200	-	-	-	-	
		13,100	-	-	-	-	-	-	8,100	-	-	-	-	-	
13,300		-	-	-	-	-	-	-	-	-	8,200	-	-		
5.0L 4-Valve V8 <sup>4</sup>		3.15	13,000	8,300	-	-	-	-	-	-	-	-	-	-	
			14,800	-	9,900	-	-	9,800	9,600	-	-	9,700	9,600	-	-
		3.31	13,000	8,300	-	-	-	-	-	-	-	-	-	-	-
			13,200	-	-	8,200	-	-	-	-	-	-	-	-	-
	3.73	14,800	-	9,900	9,700	9,800	9,600	9,500	9,400	9,700	9,600	9,400	9,300		
		13,800	9,100	-	-	-	-	-	-	-	-	-	-		
		14,600	-	-	9,600	-	-	-	-	-	-	-	-		
		15,300	-	10,400	-	-	-	-	-	-	-	-	-		
		15,500	-	-	-	10,500	-	-	-	-	-	-	-		
		15,600	-	-	10,500	10,400	-	-	10,500	10,400	-	-	-		
15,800		-	-	-	-	-	10,500	10,400	-	-	10,400	10,300			
17,600 <sup>1</sup>		-	-	-	-	-	-	11,500	-	-	-	-			
17,800 <sup>1</sup>	-	-	-	-	11,900	-	-	-	-	-	-				
17,900 <sup>1</sup>	-	12,800	-	12,500	-	-	-	-	-	-	-				
18,000 <sup>2</sup>	-	13,000	-	-	-	-	-	-	-	-	-				
18,100 <sup>1</sup>	-	-	-	-	-	-	-	-	12,800	-	-				
18,200 <sup>1</sup>	-	-	-	-	-	12,600	-	-	-	12,200	-				
18,300 <sup>2</sup>	-	-	-	13,000	-	13,000	-	-	-	-	-				
18,400	-	-	-	-	-	-	-	11,900 <sup>1</sup>	-	13,000 <sup>2</sup>	11,300 <sup>1</sup>	11,500 <sup>1</sup>			
18,500 <sup>2</sup>	-	-	-	-	-	-	-	13,000	-	-	-	-			
18,600 <sup>2</sup>	-	-	-	-	-	-	-	-	-	-	-	13,000			
3.0L Turbo Diesel V6 <sup>4</sup>	3.31	16,300	-	-	-	-	-	8,700	-	-	-	8,300	8,200		
		16,300	-	-	-	-	-	8,700	-	-	-	8,300	8,200		
	3.55	17,900 <sup>1</sup>	-	-	-	-	-	8,700	-	-	-	-	-		
		18,000 <sup>1</sup>	-	-	-	-	-	-	-	-	-	8,300	8,200		

**1** Requires Max Trailer Tow Package (53C). **2** Requires Heavy-Duty Payload Package (627). **3** Do not exceed a trailer weight of 6,000 lbs. with only the Class IV hitch (53B), without the Trailer Tow Package (53A). **4** Do not exceed a trailer weight of 7,000 lbs. with only the Class IV hitch (53B), without the Trailer Tow Package (53A). **5** 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.

**Notes:**

- Calculated with SAE J2807<sup>®</sup> method.
- 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.

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. See label on door jamb for carrying capacity of a specific vehicle. For additional information, see your Ford Dealer.





# 2021 FORD F-150 PICKUP



## F-150 | TRAILER TOWING SELECTOR

F-150 XLT SuperCab 4x4 in Carbonized Grey

### 5TH-WHEEL/ GOOSENECK TOWING

### MAXIMUM LOADED TRAILER WEIGHT (lbs.)

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

Automatic Transmission			REGULAR CAB				SUPERCAB				SUPERCREW®				
Engine	Axle Ratio	GCWR (lbs.)	4x2		4x4		4x2		4x4		4x2		4x4		
			122.8" WB	141.5" WB	122.8" WB	141.5" WB	145.4" WB	164.1" WB	145.4" WB	164.1" WB	145.4" WB <sup>6</sup>	157.2" WB	145.4" WB <sup>6</sup>	157.2" WB	
2.7L GTDI V6 <sup>4</sup>	3.55	12,200	7,600	-	-	-	-	-	-	-	-	-	-	-	
		12,300	-	7,600	-	-	-	-	-	-	-	-	-	-	
		12,500	-	-	7,700	-	-	-	-	-	-	-	-	-	
		12,600	-	-	-	7,700	7,700	7,600	-	-	-	-	-	-	
		12,700	-	-	-	-	-	-	-	-	7,700	-	-	-	
		12,800	-	-	-	-	-	-	-	7,600	-	7,800	-	-	
		12,900	-	-	-	-	-	-	-	-	-	-	7,700	-	
	3.73	13,200	8,600	-	-	-	-	-	-	-	-	-	-	-	
		13,300	-	8,600	8,500	8,400	8,400	8,300	8,100	-	8,300	8,300	8,100	-	
		14,800 <sup>1</sup>	-	10,000	-	-	-	-	-	-	-	-	-	-	
		15,000 <sup>1</sup>	-	-	-	-	10,000	-	-	-	-	-	-	-	
		15,100 <sup>1</sup>	-	-	-	10,000	-	10,000	-	-	10,000	10,000	-	-	
		15,300 <sup>1</sup>	-	-	-	-	-	-	10,100	-	-	-	-	-	
		15,400 <sup>1</sup>	-	-	-	-	-	-	-	-	-	-	10,100	-	
3.5L GTDI V6 <sup>5</sup>	3.31	16,100	-	11,200	-	-	-	-	-	-	-	-	-		
		16,200	-	-	-	-	10,900	-	-	-	-	-	-		
		16,400	-	-	-	11,200	-	-	-	-	-	-	-		
		16,500	-	-	-	-	-	11,200	10,700	-	10,300	-	-		
		16,600	-	-	-	-	-	-	-	-	11,300	-	-		
		16,800	-	-	-	-	-	-	-	10,500	-	10,600	10,900		
		3.55	16,100	-	11,200	-	-	-	-	-	-	-	-	-	
			16,200	-	-	-	-	10,900	-	-	-	-	-	-	
	16,400		-	-	-	11,200	-	-	-	-	-	-	-		
	16,500		-	-	-	-	-	11,200	10,700 <sup>2</sup>	-	10,300	-	-		
	16,600		-	-	-	-	-	-	-	-	11,300	-	-		
	16,800		-	-	-	-	-	-	-	10,500	-	10,600	10,900		
	17,500		-	-	-	-	10,900	-	-	-	-	-	-		
	17,700 <sup>2</sup>		-	-	-	-	-	-	10,700	-	-	-	-		
	17,900 <sup>2</sup>		-	13,000	-	12,500	-	-	-	-	-	-	-		
	19,300 <sup>2</sup>		-	-	-	-	-	-	11,900	-	11,900	-	-		
	19,400 <sup>2</sup>		-	-	-	-	-	-	11,700	-	10,500	-	11,600	10,600	10,900
	3.73		18,400 <sup>2,3</sup>	-	13,300	-	13,100	-	-	-	-	-	-	-	
		19,400 <sup>2,3</sup>	-	-	-	-	-	-	14,000	-	13,800	-	-		
		19,500 <sup>2,3</sup>	-	-	-	-	-	-	-	-	-	-	13,800		
16,700		-	-	-	-	-	-	-	-	11,000	-	-			
3.5L Hybrid V6 <sup>5</sup>	3.55	16,800	-	-	-	-	-	-	-	-	11,100	-	-		
		18,400 <sup>2</sup>	-	-	-	-	-	-	-	11,000	11,200	-	-		
		17,000	-	-	-	-	-	-	-	-	-	9,300	9,100		
	3.73	18,400 <sup>2</sup>	-	-	-	-	-	-	-	-	-	9,300	9,100		

<sup>1</sup> Requires 2.7L EcoBoost® Payload Package (622). <sup>2</sup> Requires Max Trailer Tow Package (53C). <sup>3</sup> Requires Heavy-Duty Payload Package (627). <sup>4</sup> Do not exceed a trailer weight of 6,000 lbs. with only the Class IV hitch (53B), without the Trailer Tow Package (53A). <sup>5</sup> Do not exceed a trailer weight of 7,000 lbs. with only the Class IV hitch (53B), without the Trailer Tow Package (53A). <sup>6</sup> 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.

**Notes:** • Calculated with SAE J2807® method.  
• 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.

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. See label on door jamb for carrying capacity of a specific vehicle. For additional information, see your Ford Dealer.



# 2021 FORD F-150 PICKUP

## 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.

For trailers over 5,000 pounds – Trailer Tow Package (17T, 53A, 53B) or Max Trailer Tow Package (53C)

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

## AVAILABLE TRAILER TOWING PACKAGES

Model (Option Code)	F-150					
	F-150 (Std.)	Raptor (17T)	F-150 (17T)	F-150 (53B)	F-150 (53A)	F-150 (53C)
7-Wire Harness & 4-/7-Pin Connector	-	S	-	X	X	X
Trailer Wiring Harness (4-Pin)	X	-	-	-	-	-
Trailer Module	-	S	-	-	-	-
Hitch Receiver	-	S	-	X	X	X
Aux. Auto Trans. Oil Cooler	-	S	-	-	-	-
Radiator Upgrade	-	S	-	-	-	-
Smart Trailer Tow Connector	-	S	X	X	X	X
Upgraded Rear Axle	-	S	-	-	-	X
Upgraded Rear Bumper	-	-	-	-	-	X
Trailer Brake Controller	-	X	X	-	X	X
Trailer Reverse Guidance	-	X	X	-	-	-
360-Degree Camera	-	X	X	-	-	-
Lane Keeping Alert	-	S	-	-	-	-
Tailgate LED	-	S	X	-	X	-
Pro Trailer Backup Assist	-	X	X	-	X <sup>1</sup>	X <sup>1</sup>
36-Gallon Fuel Tank	-	S	-	-	-	X <sup>2</sup>

<sup>1</sup> Not included on XL 100A. <sup>2</sup> Not available with 3.0L Power Stroke<sup>®</sup> or 3.5L PowerBoost<sup>™</sup> engines.

**Notes:** • Content may vary depending on model, trim and/or powertrain. See your dealer for specific content information.  
• Trailer Towing Package recommended for all light trucks that will be used for towing to help ensure easy, proper connection of trailer lights.



## 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

## FRONTAL AREA CONSIDERATIONS

	Trailer Frontal Area Limitations/Considerations	With
F-150 Pickup	55 sq. ft.	Any Powertrain with Trailer Towing Package or Payload Package and Trailer Towing Ratings Between 5,001 and 7,700 lbs.
	60 sq. ft.	Any Powertrain with Trailer Towing Package or Payload Package and Trailer Towing Ratings 7,701 lbs. and Greater
	75 sq. ft.	All 5th-Wheel and Gooseneck Applications with Any Powertrain with Trailer Towing Package or Payload Package

Frontal Area is the total area in square feet that a moving vehicle and trailer exposes to air resistance. The chart above shows the maximum trailer frontal area that must be considered for a vehicle/trailer combination. Exceeding these limitations may significantly reduce the performance of your towing vehicle.

## FACTORY-INSTALLED TRAILER HITCH RECEIVER OPTIONS

Included with Trailer Tow Packages – Option Code 53A, 53B and 53C. Standard on F-150 Raptor Pickup.

See chart at right for the weight-carrying and weight-distributing capacities of this hitch receiver. (This capacity also is shown on a label affixed to each receiver.)

## HITCH RECEIVER WEIGHT CAPACITY

Refer to the Trailer Towing Selector chart for Maximum Loaded Trailer Weights for each vehicle.

Vehicle	Weight-Carrying Max. Trailer Capacity (lbs.) <sup>3</sup>	Max. Tongue Load (lbs.)	Weight-Distributing Max. Trailer Capacity (lbs.) <sup>3</sup>	Max. Tongue Load (lbs.)
<b>REAR STEP BUMPER</b>				
F-150 Pickup	5,000	500	-	-
<b>HITCH RECEIVER</b>				
F-150 Pickup	5,000	500	14,000	1,400
F-150 Raptor Pickup	5,000	500	8,200	820

<sup>3</sup> Ford rear step bumpers and hitch receivers do not include a hitch ball or ball mounting. You are responsible for obtaining the proper hitch ball, ball mounting, weight-distributing equipment (i.e., equalizing arms and snap-up brackets, sway control system) and other appropriate equipment to tow both the trailer and its cargo load.

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. See label on door jamb for carrying capacity of a specific vehicle. For additional information, see your Ford Dealer.

## TAILGATE CLEARANCE Considerations When Towing a 5th-Wheel or Gooseneck Trailer\*

Model	F-150
Max. Tailgate Height 4x4**	58.3 inches

\*Raptor 5th-wheel towing is not recommended.

\*\*Distance from ground to top of closed tailgate lip at base curb weight.

**Note:** Vehicles with other configurations may have varying tailgate heights.





# 2021 FORD F-150 PICKUP



F-150 Lariat SuperCrew® 4x4 in Rapid Red

## F-150 PICKUP SLIDE-IN CAMPER

Combined weight of vehicle, camper body, occupants and cargo must not exceed Gross Vehicle Weight Rating (GVWR).

Cargo Weight Rating shown in chart is maximum allowable, assuming weight of a base vehicle with required camper option content and a 150-lb. passenger at each available seating position.

Ratings also assume weight of engine and standard transmission. Cargo Weight Rating shown must be further reduced by weight of any other options. Option weights and center-of-gravity information are available on the Ford Pickup Truck Consumer Information Sheet.

### MAXIMUM CARGO WEIGHT WITH SLIDE-IN CAMPER

**Note:** The following chart lists GVWRs and Maximum Cargo Weights (with minimum equipment) by engine for each approved pickup model: 3.5L V6 EcoBoost® and 5.0L V8.

F-150 <sup>1</sup>	Wheelbase	GVWR (lbs.)		Maximum Cargo Weight Rating (lbs.)	
		3.5L GTDI	5.0L	3.5L GTDI Std.	5.0L Std.
18" Tires					
4x2 Reg. Cab	141.5"	7,850	7,850	2,780	2,856
4x2 SuperCab	164.1"	7,850	7,850	2,064	2,093
4x2 SuperCrew	157.2"	7,850	7,850	1,963	1,980
4x4 Reg. Cab	141.5"	7,850	7,850	2,566	2,583
4x4 SuperCab	164.1"	7,850	7,850	1,824	1,848
4x4 SuperCrew	157.2"	7,850	7,850	1,721	1,731

<sup>1</sup> Requires Heavy-Duty Payload Package option.

### Camper Center-of-Gravity

All Styleside pickups that qualify for slide-in camper bodies have camper center-of-gravity included on the Consumer Information Sheet in the glovebox.

Data is calculated for each individual truck, based on vehicle options.

If vehicle does not qualify for camper use, the Consumer Information Sheet states that the vehicle is not recommended for camper use and no center-of-gravity data is shown.

### Slide-In Camper Installation

Consult your camper manufacturer/dealer for details regarding proper installation of your slide-in camper.

A dimensionally stable block spacer is recommended between the headboard of the pickup box and the forward edge of the camper floor. Resting the spacer on the pickup box bed helps prevent movement and contact of the fully-installed camper with the pickup box headboard or taillight rear pillars.

**Note:** Be sure to measure your slide-in camper before attempting to install it onto the bed of the truck. Some campers may require a platform in the bed of the truck to make sure there is adequate clearance for both the box rails and cab roof of the truck.

### F-150 Heavy-Duty Payload Package (Option Code 627)

Increases GVWR to 7,850 lbs. on XL and XLT

LT275/65R18C OWL A/T tires

18" silver aluminum heavy-duty wheels

Upgraded springs

9.75" gear set with 3.73 electronic-locking rear axle

36-gallon fuel tank

Available on XL, XLT Base, and XLT Mid. Requires 5.0L V8 or 3.5L V6 EcoBoost gas engine. Max Trailer Tow Package (53C) required with 3.5L V6 EcoBoost or 5.0L engine.

If you intend to pull a trailer in addition to carrying your camper, see the F-150 Pickup Conventional Trailer Towing Selector charts.

Maximum cargo weight capabilities requires Heavy-Duty Payload Package (627) and are exclusive of the weight of the occupants in the vehicle, computed as 150-lbs. times the number of designated seating positions, and vary based on cargo, vehicle configuration, accessories, and option content. See Truck Camper Loading document provided with the vehicle for carrying capacity of a specific vehicle. For additional information, see your Ford Dealer.



# TOWING BASICS

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 [www.fleet.ford.com/towing-guides](http://www.fleet.ford.com/towing-guides) or go to [esourcebook.dealerconnection.com](http://esourcebook.dealerconnection.com)

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## Cargo And Weight Distribution

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

Keep center of gravity low for best handling

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 GVWR, not 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

## 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 Control

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.

## 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 GVWs and GCWs 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.