



2020 Ford F-150

BUILT TO GET IT DONE.

The 2020 F-150 is a workhorse designed and Built Ford Tough® to get the job done. A high-strength steel fully boxed ladder frame and high-strength, military-grade, aluminum alloy body save weight and add capability, helping F-150 tow up to 13,000 lbs. and deliver a best-in-class payload rating of 3,270 lbs. The staggered rear outboard shocks help provide additional driving stability. Exceptional space, power and towing capacity make F-150 the preferred choice for towing and hauling.

IMPRESSIVE ENGINE OPTIONS – MORE WAYS TO PACK A PUNCH.

With 6 different engine choices, only F-150 offers you many options – to meet diverse job applications. The available 3.5L High-Output EcoBoost® engine provides 450 horsepower and 510 lb.-ft. of torque, both best-in-class¹, to conquer the toughest of jobs. With optimized gear spacing, including 3 overdrive gears, the innovative 10-speed, automatic transmission helps maximize shift points and gear ratios to optimize power, low-rpm torque and fuel efficiency. 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 towing needs.

¹Class is Full-Size Pickups under 8,500 lbs. GVWR, based on Ford segmentation.

Engine	HP @ rpm	Torque @ rpm	Maximum Towing (lbs.)	Maximum Payload (lbs.)
3.3L Ti-VCT V6	290 @ 6,500	265 lb.-ft. @ 4,000	7,700	1,990
2.7L EcoBoost V6	325 @ 5,000	400 lb.-ft. @ 2,750	9,000	2,470
3.5L EcoBoost V6	375 @ 5,000	470 lb.-ft. @ 3,500	13,200	3,230
5.0L Ti-VCT V8	395 @ 5,750	400 lb.-ft. @ 4,500	11,500	3,270
3.0L Turbo Diesel V6	250 @ 3,250	440 lb.-ft. @ 1,750	11,500	2,020
3.5L EcoBoost H.O. V6	450 @ 5,000	510 lb.-ft. @ 3,500	8,000 ² /11,100 ³	1,200 ² /1,520 ³

²Raptor only. ³Limited only.

TOWING CAPABILITY
13,200 lbs.⁴

CARGO BOX VOLUME
77.4 cu. ft.
(8' BOX)
62.3 cu. ft.
(6.5' BOX)
52.8 cu. ft.
(5.5' BOX)

PAYLOAD CAPACITY AVAILABLE BEST-IN-CLASS
3,270 lbs.⁵



F-150 XLT SuperCrew® 4x4

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 TECHNOLOGY PACKAGE

includes 360-degree camera with split-view display, dynamic hitch assist and active park assist (Standard on Limited)

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 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 and Raptor)

Note: Driver-assist features are supplemental and do not replace the driver's attention, judgement and need to control the vehicle.

⁴Max towing on 2020 F-150 XLT SuperCrew, 6.5' box, 3.5L EcoBoost engine, 4x2 and Max Trailer Tow Package with 20" tires. Not shown. ⁵Max payload on 2020 F-150 XL Regular Cab, 8' box, 5.0L engine, 4x2, Heavy-Duty Payload Package and 18" heavy-duty wheels. Not shown. Class is full-size pickups under 8,500-lb. GVWR based on Ford segmentation.

Maximum payload and towing capabilities are for properly equipped base vehicles with required equipment and a 150-lb. driver and vary based on cargo, vehicle configuration, accessories and number of passengers. 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.



2020 Ford F-150

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F-150 XL SuperCrew 4x4

F-150

TRAILER TOWING SELECTOR

CONVENTIONAL TOWING

MAXIMUM LOADED TRAILER WEIGHT (lbs.)¹

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" WB	141" WB	122" WB	141" WB	145" WB	164" WB	145" WB	164" WB	145" WB	157" WB	145" WB	157" WB		
3.3L PFDI V6	3.55	9,600	5,100	-	-	-	-	-	-	-	-	-	-	-		
		9,700	-	5,100	-	-	-	-	-	-	-	-	-	-		
		9,800	-	-	5,000	-	-	-	-	-	-	-	-	-	-	
		9,900	-	-	-	-	5,000	-	-	-	-	-	-	-	-	
		10,000	-	-	-	-	-	-	-	-	5,000	-	-	-	-	
	3.73	12,200	7,700	-	-	-	-	-	-	-	-	-	-	-	-	
		12,300	-	7,700	7,500	7,400	7,400	-	-	-	-	-	-	-	-	
		12,400	-	-	-	-	-	-	-	-	7,400	-	-	-	-	
		12,500	-	-	-	-	-	-	7,400	-	-	-	-	-	-	
		12,600	-	-	-	-	-	-	-	-	-	-	7,400	-	-	
		5.0L 4-Valve V8	3.15	13,100	8,400	-	-	-	-	-	-	-	-	-	-	-
				14,000	-	9,200	-	-	-	-	-	-	-	-	-	-
14,200	-			-	-	-	9,200	-	-	-	9,100	9,100	-	-		
14,300	-			-	-	-	-	9,100	-	-	-	-	-	-		
3.31	13,100		8,400	-	-	-	-	-	-	-	-	-	-	-	-	
	13,300		-	-	8,300	-	-	-	-	-	-	-	-	-	-	
	14,000		-	9,200	-	-	-	-	-	-	-	-	-	-	-	
	14,200		-	-	-	9,100	9,200	-	-	-	9,100	9,100	-	-	-	
	14,300		-	-	-	-	-	9,100	-	-	-	-	-	-	-	
	14,400		-	-	-	-	-	-	9,100	9,000	-	-	9,000	9,000	-	
	3.55		13,300	-	-	8,300	-	-	-	-	-	-	-	-	-	-
			13,900	9,200	-	-	-	-	-	-	-	-	-	-	-	-
			14,200	-	-	-	9,100	-	-	-	-	-	-	-	-	-
			14,400	-	-	-	-	-	-	9,100	-	-	-	-	-	-
14,500			-	-	-	-	-	-	-	-	-	-	9,100	9,100	-	
14,600			-	-	-	-	-	-	-	9,100	-	-	-	-	-	
15,000			-	10,200	-	-	-	-	-	-	-	-	-	-	-	
15,200			-	-	-	-	10,200	-	-	-	10,100	10,100	-	-	-	
15,300	-	-	-	-	-	10,100	-	-	-	-	-	-	-			
3.73	14,700	-	-	9,700	-	-	-	-	-	-	-	-	-	-		
	16,000 ²	-	11,000 ⁴	-	-	-	-	-	-	-	-	-	-	-		
	16,200 ²	-	-	-	11,100 ⁴	-	11,000 ⁴	-	10,700 ⁴	-	-	-	-	-		
	16,300	-	-	-	11,200	-	-	-	-	10,900 ^{2,4}	10,900	10,700 ^{2,4}	-	-		
	16,600	-	-	-	-	-	-	11,300	11,200	-	-	-	-	-		
	16,900	-	-	-	-	-	-	-	-	-	-	-	11,500	-		
	3.0L Turbo Diesel V6	3.31	15,700	-	-	-	-	10,100	-	-	-	-	-	-	-	
			15,900	-	-	-	-	-	-	-	10,200	10,100	-	-		
3.55		16,000	-	-	-	-	-	-	10,200 ^{3/} 10,100 ⁵	-	-	-	-	-		
		16,100	-	-	-	-	-	-	-	-	-	10,300 ^{3/} 10,100 ⁵	10,300 ^{3/} 10,100 ⁵	-		
		16,000	-	-	-	-	-	-	10,200 ^{3/} 10,100 ⁵	-	-	-	-	-		
		16,100	-	-	-	-	-	-	-	-	-	10,300 ^{3/} 10,100 ⁵	10,300 ^{3/} 10,100 ⁵	-		
		17,100	-	-	-	-	11,500	-	11,300 ^{3/} 11,200 ⁵	-	11,200	-	11,300 ^{3/} 10,900 ⁵	11,300 ^{3/} 11,100 ⁵		
		17,200	-	-	-	-	-	-	-	-	-	11,400	-	-	-	

¹Maximum loaded trailer weight requires weight-distributing hitch. ²Requires Heavy-Duty Payload Package (627). ³Electronic Shift-On-The-Fly transmission. ⁴Includes 18" tires and wheels. ⁵2-speed automatic 4WD transmission.

Notes: • Calculated with SAE J2807[®] method.
• Do not exceed trailer weight of 5,000 lbs. when towing with bumper only.
• 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 payload and towing capabilities are for properly equipped base vehicles with required equipment and a 150-lb. driver and vary based on cargo, vehicle configuration, accessories and number of passengers. 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.



2020 Ford F-150

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F-150 Limited SuperCrew 4x4

F-150

TRAILER TOWING SELECTOR

CONVENTIONAL TOWING

MAXIMUM LOADED TRAILER WEIGHT (lbs.)¹

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" WB	141" WB	122" WB	141" WB	145" WB	164" WB	145" WB	164" WB	145" WB	157" WB	145" WB	157" WB
2.7L GTDI V6	3.55	12,300	7,600	7,600	-	-	-	-	-	-	-	-	-	-
		12,500	-	-	7,600	-	-	-	-	-	-	-	-	-
		12,600	-	-	-	7,600	-	7,500	-	-	-	-	-	-
		12,700	-	-	-	-	7,700	-	-	-	-	-	-	-
		12,800	-	-	-	-	-	-	-	-	7,700	7,700	-	-
	12,900	-	-	-	-	-	-	-	7,600	-	-	-	7,600	-
	3.73	13,200	8,500	8,500	-	-	-	-	-	-	-	-	-	-
		13,300	-	-	8,400	8,300	8,300/8,300 ²	8,200	8,000	-	8,200/8,100 ²	8,200	8,000	-
		13,400	-	8,500 ²	-	-	-	-	-	-	-	-	-	-
		14,100	-	-	-	9,000 ²	-	-	-	-	-	9,000 ²	-	-
14,200		-	-	-	-	-	9,000 ²	-	-	-	-	-	-	
3.5L GTDI V6	3.15	15,500	-	10,500	-	-	-	-	-	-	-	-	-	
		15,800	-	-	-	-	10,500	-	-	-	-	-	-	
		15,900	-	-	-	-	-	10,400	-	-	10,500	10,500	-	-
	3.31	15,900	-	-	-	10,600	-	-	-	-	-	-	-	-
		16,100	-	-	-	-	-	-	10,500	-	-	-	-	-
		16,200	-	-	-	-	-	-	-	10,500	-	-	10,500	10,500
	3.55	15,500	-	10,500	-	-	-	-	-	-	-	-	-	-
		15,800	-	-	-	-	10,500	-	-	-	-	-	-	-
		15,900	-	-	-	10,600	-	10,400	-	-	10,500	10,500	-	-
		16,100	-	-	-	-	-	-	10,500	-	-	-	-	-
		16,200	-	-	-	-	-	-	-	10,500	-	-	10,500	10,500
		16,700 ³	-	-	-	-	-	-	-	-	11,100	-	9,300	-
		17,000 ⁴	-	12,000	-	-	-	-	-	-	-	-	-	-
		17,100 ⁴	-	-	-	11,800	11,800	11,600	11,500	11,400	-	-	-	-
		17,900 ⁴	-	-	-	-	-	-	-	-	12,500 ⁹	-	-	-
		18,200 ⁴	-	-	-	-	-	-	-	-	-	-	12,500 ⁹	-
	18,600 ⁴	-	-	-	-	-	-	-	-	-	13,200 ⁹	-	12,700 ⁹	
	3.73	17,100 ^{5,4}	-	11,900 ⁵	-	11,700 ⁶	-	11,600 ⁶	-	11,300 ⁶	-	11,500 ⁶	-	11,300 ⁶
	4.10	12,050 ⁷	-	-	-	-	-	-	-	6,000 ⁸	-	-	-	-
14,250 ⁷		-	-	-	-	-	-	-	-	-	-	8,000 ¹⁰	-	

¹Maximum loaded trailer weight requires weight-distributing hitch. ²Requires 2.7L EcoBoost[®] Payload Package (622). ³Limited model only. ⁴Requires Max Trailer Tow Package (53C). ⁵Requires Heavy-Duty Payload Package (627). ⁶Includes 18" tires and wheels. ⁷Raptor model only. ⁸134.2" wheelbase. ⁹Requires 20" tires and wheels. ¹⁰146" wheelbase.

Notes: • Calculated with SAE J2807[®] method. • Do not exceed trailer weight of 5,000 lbs. when towing with bumper only. • 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.



2020 Ford F-150

F-150 Limited SuperCrew 4x2

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F-150

TRAILER TOWING SELECTOR

5TH-WHEEL TOWING^{1,2}

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" WB	141" WB	122" WB	141" WB	145" WB	164" WB	145" WB	164" WB	145" WB	157" WB	145" WB	157" WB	
3.3L PFDI V6	3.55	9,600	5,000	-	-	-	-	-	-	-	-	-	-	-	
		9,700	-	5,000	-	-	-	-	-	-	-	-	-	-	
		9,800	-	-	5,000	-	-	-	-	-	-	-	-	-	
		9,900	-	-	-	-	5,000	-	-	-	-	-	-	-	
		10,000	-	-	-	-	-	-	-	-	5,000	-	-	-	
		12,200	7,600	-	-	-	-	-	-	-	-	-	-	-	
	3.73	12,300	-	7,600	7,500	7,400	7,400	-	-	-	-	-	-	-	
		12,400	-	-	-	-	-	-	-	-	7,400	-	-	-	
		12,500	-	-	-	-	-	-	7,300	-	-	-	-	-	
		12,600	-	-	-	-	-	-	-	-	-	-	7,300	-	
		5.0L 4-Valve V8	3.15	13,100	8,400	-	-	-	-	-	-	-	-	-	-
				14,000	-	9,200	-	-	-	-	-	-	-	-	-
14,200	-			-	-	-	9,100	-	-	9,000	9,000	-	-		
3.31	14,300		-	-	-	-	-	9,100	-	-	-	-	-	-	
	13,100		8,400	-	-	-	-	-	-	-	-	-	-	-	
	13,300		-	-	8,300	-	-	-	-	-	-	-	-	-	
3.55	3.31	14,000	-	9,200	-	-	-	-	-	-	-	-	-		
		14,200	-	-	-	9,100	9,100	-	-	9,000	9,000	-	-		
		14,300	-	-	-	-	9,100	-	-	-	-	-	-		
	3.55	14,400	-	-	-	-	-	9,100	8,900	-	-	9,000	8,900	-	
		13,300	-	-	8,300	-	-	-	-	-	-	-	-	-	
		13,900	9,200	-	-	-	-	-	-	-	-	-	-	-	
		14,200	-	-	-	9,100	-	-	-	-	-	-	-	-	
		14,400	-	-	-	-	-	9,000	-	-	-	-	-	-	
		14,500	-	-	-	-	-	-	-	-	-	9,100	9,000	-	
	3.73	3.73	14,600	-	-	-	-	-	-	9,100	-	-	-	-	
			15,000	-	10,200	-	-	-	-	-	-	-	-	-	
			15,200	-	-	-	-	10,100	-	-	10,000	10,000	-	-	
15,300			-	-	-	-	-	10,100	-	-	-	-	-		
14,700			-	-	9,400	-	-	-	-	-	-	-	-		
16,000 ³			-	10,900 ⁴	-	-	-	-	-	-	-	-	-		
3.31		16,200 ³	-	-	-	11,000 ⁴	-	10,900 ⁴	-	10,600 ⁴	-	-	-	-	
		16,300	-	-	-	11,200	-	-	-	-	10,900 ^{3,4}	10,500	10,700 ^{3,4}		
		16,600	-	-	-	-	-	-	11,000	10,200	-	-	-		
		16,900	-	-	-	-	-	-	-	-	-	-	10,700		
		15,700	-	-	-	-	9,300	-	-	-	-	-	-		
		15,900	-	-	-	-	-	-	-	-	9,000	8,600	-		
3.55	16,000	-	-	-	-	-	-	8,200 ⁵ / 7,700 ⁶	-	-	-	-			
	16,100	-	-	-	-	-	-	-	-	-	8,000 ⁵ / 7,300 ⁶	8,000 ⁵ / 7,200 ⁶			
	16,000	-	-	-	-	-	-	8,200 ⁵ / 7,700 ⁶	-	-	-	-			
	16,100	-	-	-	-	-	-	-	-	-	8,000 ⁵ / 7,300 ⁶	8,000 ⁵ / 7,200 ⁶			
	17,100	-	-	-	-	9,300	-	8,200 ⁵ / 7,700 ⁶	-	9,000	-	8,000 ⁵ / 7,300 ⁶	8,000 ⁵ / 7,200 ⁶		
	17,200	-	-	-	-	-	-	-	-	8,600	-	-			

¹Vehicles equipped with 5.5' box will accept a 5th-wheel hitch, but current 5th-wheel trailer designs are not compatible with this model (145" wb. SuperCrew). ²5th-wheel towing requires Trailer Tow Package (53A) or Max Trailer Tow Package (53C). ³Requires Heavy-Duty Payload Package (627). ⁴Includes 18" tires and wheels. ⁵Electronic Shift-On-The-Fly transmission. ⁶2-speed automatic 4WD transmission.

Notes: • Calculated with SAE J2807[®] method.
 • 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.

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F-150 Lariat SuperCrew 4x4

F-150

TRAILER TOWING SELECTOR

5TH-WHEEL TOWING^{1,2}

MAXIMUM LOADED TRAILER WEIGHT (lbs.)

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Automatic Transmission			REGULAR CAB				SUPERCAB				SUPERCREW [®]				
Engine	Axle Ratio	GCWR (lbs.)	4x2		4x4		4x2		4x4		4x2		4x4		
			122" WB	141" WB	122" WB	141" WB	145" WB	164" WB	145" WB	164" WB	145" WB	157" WB	145" WB	157" WB	
2.7L GTDI V6	3.55	12,300	7,600	7,500	-	-	-	-	-	-	-	-	-	-	
		12,500	-	-	7,500	-	-	-	-	-	-	-	-	-	
		12,600	-	-	-	7,500	-	7,400	-	-	-	-	-	-	
		12,700	-	-	-	-	7,700	-	-	-	-	-	-	-	
		12,800	-	-	-	-	-	-	-	-	7,700	7,600	-	-	
		12,900	-	-	-	-	-	-	-	7,600	-	-	7,500	-	
	3.73	13,200	8,500	8,400	-	-	-	-	-	-	-	-	-	-	
		13,300	-	-	8,300	8,200	8,200/8,200 ³	8,000	7,900	-	7,700/8,100 ³	8,000	7,600	-	
		13,400	-	8,500 ³	-	-	-	-	-	-	-	-	-	-	
		14,100	-	-	-	8,900 ³	-	-	-	-	-	8,900 ³	-	-	
		14,200	-	-	-	-	-	9,000 ³	-	-	-	-	-	-	
		14,300	-	-	-	-	-	-	9,000 ³	-	-	-	8,900 ³	-	
		3.5L GTDI V6	3.15	15,500	-	10,400	-	-	-	-	-	-	-	-	-
				15,800	-	-	-	-	10,000	-	-	-	-	-	-
15,900	-			-	-	-	-	10,400	-	-	9,200	10,500	-	-	
3.31	15,900		-	-	-	10,600	-	-	-	-	-	-	-	-	
	16,100		-	-	-	-	-	-	9,800	-	-	-	-	-	
	16,200		-	-	-	-	-	-	-	9,100	-	-	8,600	9,000	
	16,700 ⁷		-	-	-	-	-	-	-	-	7,600	-	5,900	-	
3.55	17,000 ⁶		-	11,900	-	-	-	-	-	-	-	-	-	-	
	17,100 ⁶		-	-	-	11,700	10,000	10,600	9,800	9,100	-	-	-	-	
	17,900 ⁶		-	-	-	-	-	-	-	-	9,200 ⁸	-	-	-	
	18,200 ⁶		-	-	-	-	-	-	-	-	-	-	8,600 ⁸	-	
	18,600 ⁶		-	-	-	-	-	-	-	-	-	10,600 ⁸	-	9,000 ⁸	
	17,100 ^{4,6}		-	11,900 ⁵	-	11,700 ⁵	-	11,500 ⁵	-	11,300 ⁵	-	11,500 ⁵	-	11,300 ⁵	

¹Vehicles equipped with 5.5' box will accept a 5th-wheel hitch, but current 5th-wheel trailer designs are not compatible with this model (145" wb. SuperCrew). ²5th-wheel towing requires Trailer Tow Package (53A) or Max Trailer Tow Package (53C). ³Requires 2.7L EcoBoost[®] Payload Package (622). ⁴Requires Heavy-Duty Payload Package (627). ⁵Includes 18" tires and wheels. ⁶Requires Max Trailer Tow Package (53C). ⁷Limited model only. ⁸Requires 20" tires and wheels.

Notes: • Calculated with SAE J2807[®] method.
• 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.



2020 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.

For trailers over 5,000 pounds – Trailer Tow Package or Max Trailer Tow Package

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

Trailer Towing Package

Model (Option Code)	F-150 (Std.)	F-150 Raptor (Std.)	F-150 (53B)	F-150 (53A)	F-150 (53C)
7-Wire Harness & 4-/7-Pin Connector	-	X	X	X	X
Trailer Wiring Harness (4-Pin)	X	-	-	-	-
Hitch Receiver	-	X	X	X	X
Aux. Auto Trans. Oil Cooler	-	X	-	X ²	-
Radiator Upgrade	-	X	X ³	X ³	X ³
Higher-Power Cooling Fans ¹	-	-	X	X	X
Smart Trailer Tow Connector	-	X	X	X	X
Upgraded Front Stabilizer Bar	-	X	-	X	X
Electronic Locking Rear Axle	-	-	-	-	X
Upgraded Rear Bumper	-	-	-	-	X
Trailer Brake Controller	-	-	-	-	X
Engine Oil Cooler	-	X	-	X ¹	X ¹
Pro Trailer Backup Assist	-	-	-	X ⁴	X ⁴
Tailgate LED	-	-	-	X	-
36-Gallon Fuel Tank	-	-	-	-	X

¹Not available on 3.3L V6 engine. ²Included with 3.3L V6 engine only. ³2.7L EcoBoost® V6 and 3.5L EcoBoost V6 engines only. ⁴Not included on XL 100A.

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	3.15	15	L5
	3.31	27	L3
	3.55	19	L9
	3.73	26	L6
	4.10	Not Available	L4

Frontal Area Considerations

	Frontal Area Limitations/Considerations	With
F-150	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.

Tailgate Clearance

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

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

Note: Vehicles with other configurations may have varying tailgate heights.
**Raptor 5th-wheel towing is not recommended.*
***Distance from ground to top of closed tailgate lip at base curb weight.*

Factory-Installed Trailer Hitch Receiver Options

F-150 Pickup: Included with Trailer Tow Packages – Option Code 53A, 53B and 53C

F-150 Raptor: Standard

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.) ⁵	Max. Tongue Load (lbs.)	Weight-Distributing Max. Trailer Capacity (lbs.) ⁵	Max. Tongue Load (lbs.)
REAR STEP BUMPER				
F-150	5,000	500	-	-
HITCH RECEIVER				
F-150	5,000	500	13,200	1,320
F-150 Raptor	5,000	500	8,000	800

⁵Hitch 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 payload and towing capabilities are for properly equipped base vehicles with required equipment and a 150-lb. driver and vary based on cargo, vehicle configuration, accessories and number of passengers. 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.



2020 Ford F-150

F-150 PICKUP SLIDE-IN CAMPERS

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 ¹	Wheelbase	GVWR (lbs.)		Maximum Cargo Weight Rating (lbs.)	
		3.5L 6TDI	5.0L	3.5L 6TDI Std.	5.0L Std.
18" Tires					
4x2 Reg. Cab	141.1"	7,850	7,850	2,812	2,852
4x2 SuperCab	163.7"	7,850	7,850	2,079	2,198
4x2 SuperCrew	156.8"	7,850	7,850	2,001	2,060
4x4 Reg. Cab	141.1"	7,850	7,850	2,622	2,735
4x4 SuperCab	163.7"	7,850	7,850	1,864	1,900
4x4 SuperCrew	156.8"	7,850	7,850	1,822	1,844

¹Requires Heavy-Duty Payload Package option.

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

CAMPER
Center-of-Gravity

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 transmission upgrade and any other options. Option weights and center-of-gravity information are available on the Ford Pickup Truck Consumer Information Sheet

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

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 (5)

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. Trailer Tow Package (53A) required when ordered with 5.0L engine. Max Trailer Tow Package (53C) required with 3.5L V6 EcoBoost engine.

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.

2019 model shown

Maximum payload and towing capabilities are for properly equipped base vehicles with required equipment and a 150-lb. driver and vary based on cargo, vehicle configuration, accessories and number of passengers. 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.

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 or go to esourcebook.dealerconnection.com

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Many of the recreational vehicles shown in this brochure are modified or manufactured by companies other than Ford Motor Company. Ford assumes no responsibility for such modifications or manufacturing.

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

Turning

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

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

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.