



F-150 TOUGHER SMARTER MORE CAPABLE

EXCEPTIONAL PRODUCTIVITY

Towing Capability **Cargo Box Volume**
13,200 lbs.⁽¹⁾ **77.4 cu. ft. (8' box)**
Payload Capacity **62.3 cu. ft. (6.5' box)**
3,270 lbs.⁽²⁾ **52.8 cu. ft. (5.5' box)**

(1) Max towing on 2019 F-150 XLT SuperCrew®, 6.5' box, 3.5L EcoBoost® engine, 4x2 and Max Trailer Tow Package with 20" tires. Not shown.

(2) Max payload on 2019 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.

The 2019 F-150 delivers on its Built Ford Tough promise through a segment-exclusive combination of advanced materials that are durable and inhibit corrosion. 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 heavier trailers than ever and deliver best-in-class payload ratings. 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.

F-150 TOWING FEATURES HIGHLIGHTS

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

TOW/HAUL MODE – reduces gear hunting, improves power delivery. Especially useful with hauling or towing a heavy load

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

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

360-DEGREE CAMERA SYSTEM – provides a view of all four sides of the vehicle

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

DYNAMIC HITCH ASSIST – enhancement to the optional rear camera enables easier hitching by helping to line up the truck and trailer without requiring a spotter or having to get out of the vehicle

PRO TRAILER BACKUP ASSIST™ – available feature improves driver confidence by letting the driver steer the trailer instinctively as they control the accelerator and brakes, while the truck takes care of the rest

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



IMPRESSIVE ENGINE OPTIONS – OUTSTANDING CAPABILITY

The impressive F-150 now provides more engine alternatives for more applications. The standard 3.3L Ti-VCT V6 features dual-direct and port fuel injection. And, the 10-speed transmission is now available with the 2.7L EcoBoost, a 5.0L Ti-VCT V8, a 3.0L Turbo Diesel V6 and 3.5L EcoBoost, delivering improved acceleration and performance. 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.

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(1)/11,100(2)	1,200(1)/1,530(2)

(1) Raptor only. (2) Limited only.



2019 Ford F-150

TRAILER TOWING SELECTOR

If your vehicle will be registered in California, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington, check with your Ford dealer to be sure the desired powertrain/axle ratio is available in your area.



F-150 CONVENTIONAL TOWING

Maximum Loaded Trailer Weight (lbs.)⁽¹⁾

Towing capability will be reduced based on trim series, option content and payload
See dealer and reference "eSourceBook" Job Aid "Spec'ing F-Series Trucks for Towing"

Automatic Transmission			REGULAR CAB				SUPERCAB				SUPERCREW®			
Engine	Axle Ratio (lbs.)	GCWR	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	9,100	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	-	-	-	-	-	
		14,700	-	-	9,700	-	-	-	-	-	-	-	-	
3.73	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)		
17,100	16,000	-	-	-	-	-	10,200(3)/10,100(5)	-	-	-	-			
	17,100	-	-	-	-	11,500	-	11,300(3)/11,200(5)	-	11,200	11,300	11,300(3)/11,100(5)		

(1) Maximum loaded trailer weight requires weight-distributing hitch. (2) Requires Heavy-Duty Payload Package (627). (3) Electronic Shift-On-The-Fly transmission. (4) Includes 18" tires and wheels. (5) 2-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.



2019 Ford F-150

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F-150 CONVENTIONAL TOWING

Maximum Loaded Trailer Weight (lbs.)⁽¹⁾

Towing capability will be reduced based on trim series, option content and payload
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	-	-	
	3.73	3.73	12,900	-	-	-	-	-	-	7,600	-	-	-	7,600	-
			13,200	8,500	8,500	-	-	-	-	-	-	-	-	-	-
			13,300	-	-	8,400	8,300	8,300/8,300(2)	8,200	8,000	-	8,200/8,200(2)	8,200	8,000	-
			13,400	-	8,500(2)	-	-	-	-	-	-	-	-	-	-
			14,100	-	-	-	9,000(2)	-	-	-	-	-	9,000(2)	-	-
3.5L GTDI V6		3.15	14,200	-	-	-	-	-	9,000(2)	-	-	-	-	-	-
			14,300	-	-	-	-	-	-	9,000(2)	-	-	-	8,900(2)	
			15,500	-	10,700	-	-	-	-	-	-	-	-	-	-
			15,800	-	-	-	-	10,700	-	-	-	-	-	-	-
			15,900	-	-	-	-	-	10,600	-	-	10,700	10,700	-	-
	3.31	3.31	15,900	-	-	-	10,800	-	-	-	-	-	-	-	
			16,100	-	-	-	-	-	10,700	-	-	-	-	-	
			16,200	-	-	-	-	-	-	10,700	-	-	-	10,700	
			16,200	-	-	-	-	-	-	-	10,700	-	-	10,700	
			16,200	-	-	-	-	-	-	-	-	10,700	-	10,700	
3.55		3.55	15,500	-	10,700	-	-	-	-	-	-	-	-	-	
			15,800	-	-	-	-	10,700	-	-	-	-	-	-	
			15,900	-	-	-	10,800	-	10,600	-	-	10,700	10,700	-	
			16,100	-	-	-	-	-	-	10,700	-	-	-	-	
			16,200	-	-	-	-	-	-	-	10,700	-	-	10,700	
	3.73	3.73	16,700(3)	-	-	-	-	-	-	-	-	11,100	-	9,400	
			17,000(4)	-	12,100	-	-	-	-	-	-	-	-	-	
			17,100(4)	-	-	-	12,000	12,000	11,800	11,700	11,600	-	-	-	
			17,900(4)	-	-	-	-	-	-	-	-	12,700(9)	-	-	
			18,200(4)	-	-	-	-	-	-	-	-	-	-	12,700(9)	
4.10	4.10	18,400(4)	-	-	-	-	-	-	-	-	-	13,200(9)	-	12,900(9)	
		17,100(5)(4)	-	12,000(6)	-	11,800(6)	-	11,700(6)	-	11,500(6)	-	11,700(6)	-	11,500(6)	
		12,050(7)	-	-	-	-	-	-	6,000(8)	-	-	-	-		
		14,250(7)	-	-	-	-	-	-	-	-	-	-	8,000		
			-	-	-	-	-	-	-	-	-	-	-		

(1) Maximum loaded trailer weight requires weight-distributing hitch. (2) Requires 2.7L EcoBoost® Payload Package (622). (3) Limited model only. (4) Requires Max Trailer Tow Package (53C). (5) Requires Heavy-Duty Payload Package (627). (6) Includes 18" tires and wheels. (7) Raptor model only. (8) 133" wheelbase. (9) Requires 20" tires and wheels.

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.



2019 Ford F-150

TRAILER TOWING SELECTOR

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F-150 5th-WHEEL TOWING ⁽¹⁾⁽²⁾

Maximum Loaded Trailer Weight (lbs.)

Towing capability will be reduced based on trim series, option content and payload
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	-	5,100	-	-	-	-	-	-	-	-	-	-
		9,800	-	-	5,000	-	-	-	-	-	-	-	-	-
		9,900	-	-	-	-	5,000	-	-	-	-	-	-	-
		10,000	-	-	-	-	-	-	-	-	5,000	-	-	-
	3.73	12,200	7,600	-	-	-	-	-	-	-	-	-	-	-
		12,300	-	7,700	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	-	-
		14,300	-	-	-	-	-	9,100	-	-	-	-	-	-
	3.31	13,100	8,400	-	-	-	-	-	-	-	-	-	-	-
		13,300	-	-	8,300	-	-	-	-	-	-	-	-	-
		14,000	-	9,200	-	-	-	-	-	-	-	-	-	-
		14,200	-	-	-	9,100	9,100	-	-	-	9,000	9,000	-	-
		14,300	-	-	-	-	-	9,100	-	-	-	-	-	-
		14,400	-	-	-	-	-	-	9,100	8,900	-	-	9,000	8,900
	3.55	13,300	-	-	8,300	-	-	-	-	-	-	-	-	-
		13,900	9,200	-	-	-	-	-	-	-	-	-	-	-
		14,200	-	-	-	9,100	-	-	-	-	-	-	-	-
		14,400	-	-	-	-	-	-	9,000	-	-	-	-	-
		14,500	-	-	-	-	-	-	-	-	-	-	9,100	9,000
		14,600	-	-	-	-	-	-	-	9,100	-	-	-	-
		15,000	-	10,200	-	-	-	-	-	-	-	-	-	-
		15,200	-	-	-	-	10,100	-	-	-	10,000	10,000	-	-
		15,300	-	-	-	-	-	10,100	-	-	-	-	-	-
		3.73	14,700	-	-	9,400	-	-	-	-	-	-	-	-
16,000(3)	-		10,900(4)	-	-	-	-	-	-	-	-	-	-	
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	
3.0L Turbo Diesel V6	3.31		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	8,600	8,000(5)/7,300(6)	8,000(5)/7,200(6)		

(1) Vehicles 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). (2) 5th-wheel towing requires Trailer Tow Package (53A) or Max Trailer Tow Package (53C). (3) Requires Heavy-Duty Payload Package (627). (4) Includes 18" tires and wheels. (5) Electronic Shift-On-The-Fly transmission. (6) 2-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 5th-WHEEL TOWING ⁽¹⁾⁽²⁾

Maximum Loaded Trailer Weight (lbs.)

Towing capability will be reduced based on trim series, option content and payload
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	7,500	-	-	-	-	-	-	-	-	-	-	
		12,500	-	-	7,500	-	-	-	-	-	-	-	-	-	
		12,600	-	-	-	7,500	-	7,400	-	-	-	-	-	-	
		12,700	-	-	-	-	7,700	-	-	-	-	-	-	-	
		12,800	-	-	-	-	-	-	-	-	7,700	7,700	-	-	
		12,900	-	-	-	-	-	-	7,600	-	-	-	7,500	-	
		3.73	13,200	8,500	8,400	-	-	-	-	-	-	-	-	-	-
			13,300	-	-	8,300	8,200	8,300/8,200(3)	8,000	7,900	-	7,800/8,100(3)	8,100	7,600	-
			13,400	-	8,500(3)	-	-	-	-	-	-	-	-	-	-
			14,100	-	-	-	8,900(3)	-	-	-	-	-	8,900(3)	-	-
3.5L GTDI V6	3.15	15,500	-	10,600	-	-	-	-	-	-	-	-	-		
		15,800	-	-	-	-	10,600	-	-	-	-	-	-		
		15,900	-	-	-	-	-	10,600	-	-	10,300	10,600	-	-	
		3.31	15,900	-	-	-	10,700	-	-	-	-	-	-	-	-
			16,100	-	-	-	-	-	-	10,700	-	-	-	-	-
			16,200	-	-	-	-	-	-	-	10,600	-	-	10,000	10,400
		3.55	15,500	-	10,600	-	-	-	-	-	-	-	-	-	-
			15,800	-	-	-	-	10,600	-	-	-	-	-	-	-
			15,900	-	-	-	10,700	-	10,600	-	-	10,300	10,600	-	-
			16,100	-	-	-	-	-	-	10,700	-	-	-	-	-
16,200	-		-	-	-	-	-	-	10,600	-	-	10,000	10,400		
16,700(7)	-		-	-	-	-	-	-	-	7,700	-	6,000	-		
17,000(6)	-		12,100	-	-	-	-	-	-	-	-	-	-		
17,100(6)	-		-	-	11,900	10,800	11,800	10,700	10,600	-	-	-	-		
3.73	17,900(6)	-	-	-	-	-	-	-	-	10,300(8)	-	-	-		
	18,200(6)	-	-	-	-	-	-	-	-	-	-	10,000(8)	-		
	18,400(6)	-	-	-	-	-	-	-	-	-	11,800(8)	-	10,400(8)		
	17,100(4)(6)	-	12,000(5)	-	11,800(5)	-	11,700(5)	-	11,500(5)	-	11,600(5)	-	11,400(5)		

(1) Vehicles 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). (2) 5th-wheel towing requires Trailer Tow Package (53A) or Max Trailer Tow Package (53C). (3) Requires 2.7L EcoBoost[®] Payload Package (622). (4) Requires Heavy-Duty Payload Package (627). (5) Includes 18" tires and wheels. (6) Requires Max Trailer Tow Package (53C). (7) Limited model only. (8) Requires 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.



2019 Ford F-150



Trailer Towing Package

Model (Option Code)	F-150 (Std.)	F-150 Raptor (Std.)	F-150 (53B)	F-150 (53A)	F-150 (53C) ⁽¹⁾⁽²⁾
7-Wire Harness & 4-7-Pin Connector	-	X	X	X	X
Trailer Wiring Harness (4-Pin)	X	-	-	-	-
Hitch Receiver	-	X	X	X	X
Higher-Power Cooling Fans (3)	-	-	X	X	X
Radiator Upgrade (4)	-	X	X	X	X
Smart Trailer Tow Connector	-	X	X	X	X
Upgraded Front Stabilizer Bar	-	X	-	X	X
Upgraded Rear Axle	-	-	-	-	X
Upgraded Rear Bumper	-	-	-	-	X
Trailer Brake Controller	-	-	-	-	X
Pro Trailer Backup Assist	-	-	-	X(5)	X
36-Gallon Fuel Tank	-	-	-	-	X

(1) Max GCWR/Max tow achieved on SuperCrew® when equipped with 20" wheels. These trucks will also come equipped with max springs, steering gear and upgraded stabilizer bar. (2) Requires 3.5L EcoBoost® engine. (3) Not included with 3.3L engine. (4) EcoBoost engines only. (5) Not 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.

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.

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**	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.

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.) ⁽¹⁾	Max. Tongue Load (lbs.)	Weight-Distributing Max. Trailer Capacity (lbs.) ⁽¹⁾	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

(1) 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.



2019 Ford F-150

F-SERIES PICKUP/CAMPER COMBINATION SELECTOR

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

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

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



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.

Model	Wheelbase	GVWR (lbs.)		Maximum Cargo Weight Rating (lbs.)	
		3.5L GTDI	5.0L	3.5L GTDI Std.	5.0L Std.
F-150 (1)					
4x2 Reg. Cab (2)	141.1"	7,850	7,850	2,812	2,852
4x2 SuperCab (2)	163.7"	7,850	7,850	2,079	2,109
4x2 SuperCrew (2)	156.8"	7,850	7,850	2,001	2,060
4x4 Reg. Cab (2)	141.1"	7,850	7,850	2,622	2,735
4x4 SuperCab (2)	163.7"	7,850	7,850	1,864	1,900
4x4 SuperCrew (2)	156.8"	7,850	7,850	1,822	1,844

(1) Requires Heavy-Duty Payload Package option. (2) 18" tires and wheels.

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

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, XLT and Lariat.

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, XLT Mid and Lariat Base. Requires 5.0L V8 or 3.5L V6 EcoBoost gas engine. Trailer Tow Package required when ordered with 5.0L engine. Max Trailer Tow Package also required with 3.5L V6 EcoBoost engine.



KNOW BEFORE YOU TOW

BEFORE YOU BUY

If you are selecting a vehicle that will be used for towing, you should determine the approximate weight of the trailer you intend to tow, including the weight of any additional cargo and fluids that you will be carrying in the trailer. Also, be sure the vehicle has the proper optional equipment. Keep in mind that performance can be severely affected in hilly terrain when the minimum acceptable powertrain combination is selected. Consider purchasing a vehicle with a more powerful engine.

Brakes

Many states require a separate braking system on trailers with a loaded weight of more than 1,500 pounds. For your safety, Ford Motor Company recommends that a separate functional brake system be used on any towed vehicle, including those dolly-towed or towbar-towed. There are several basic types of brake systems designed to activate trailer brakes:

Electronically Controlled Brakes usually provide automatic and manual control of trailer brakes. They require that the tow vehicle be equipped with a controlling device and additional wiring for electrical power. These brakes typically have a control box installed within reach of the driver and can be applied manually or automatically.

Electric-Over-Hydraulic (EOH) Trailer Brakes are operated by an electrically powered pump that pressurizes a hydraulic fluid reservoir built into the trailer's brake system. Many of the available EOH trailer brake models are compatible with the Ford factory installed, dash-integrated Trailer Brake Controller (TBC).

Surge Brakes are independent hydraulic brakes activated by a master cylinder at the junction of the hitch and trailer tongue. They are not controlled by the hydraulic fluid in the tow vehicle's brake system and the tow vehicle's hydraulic system should never be connected directly to the trailer's hydraulic system.

Be sure your trailer brakes conform to all applicable state regulations. See *Safe Towing for All Vehicles on the last page for additional braking information.*

AFTER YOU BUY

Before heading out on a trip, check your vehicle's Owner's Manual for break-in and severe-duty maintenance schedules (do not tow a trailer until your vehicle has been driven at least 1,000 miles). Be sure to have your fully-loaded vehicle (including passengers) and trailer weighed so as not to exceed critical weight limits. If any of these limits are exceeded, cargo should be removed from the vehicle and/or trailer until all weights are within the specified limits.

Trailer Lamps

Make sure the trailer is equipped with lights that conform to all applicable government regulations. The trailer lighting system should not be connected directly to the lighting system of the vehicle. See a local recreational vehicle dealer or rental trailer agency for correct wiring and relays for the trailer and heavy-duty flashers.

Safety Chains

- Always use safety chains when towing. Safety chains are used to retain connection between the towing and towed vehicle in the event of separation of the trailer coupling or ball
- Cross chains under the trailer tongue to prevent the tongue from contacting the ground if a separation occurs. Allow only enough slack to permit full turning – be sure they do not drag on the pavement
- When using a frame-mounted trailer hitch, attach the safety chains to the frame-mounted hitch using the recommendations supplied by the hitch manufacturer
- See your vehicle's Owner's Manual for safety chain attachment information
- For rental trailers, follow rental agency instructions for hookup of safety chains

Trailer Wiring Harness

- Some vehicles equipped with a factory-installed Trailer Tow Package include a trailer wiring harness and a wiring kit
- This kit includes one or more jumper harnesses (to connect to your trailer wiring connector) and installation instructions

SAFE TOWING FOR ALL VEHICLES

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.

Photography, illustrations and information presented herein were correct when approved for publishing. Ford Motor Company reserves the right to discontinue or change at any time the specifications or designs without incurring obligation. Some features shown or described are optional at extra cost. Some options are required in combination with other options. Consult your dealer for the latest, most complete information on models, features, prices and availability.

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.

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 optimize fuel economy

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 trip

High Altitude Operation

Gasoline engines lose power by 3-4% per 1,000 ft. elevation. To maintain performance, reduce GVWs and GCWs by 2% per 1,000 ft. elevation starting at the 1,000 ft. elevation point.

Powertrain/Frontal Area Considerations

The charts in this Guide show the minimum engine size needed to move the 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 larger engine

Selecting a trailer with a low-drag, rounded front design will help optimize performance and fuel economy

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