

2010 F-150 PICKUPS /// TRAILER TOWING

F-150 Towing Selector

- These charts – divided by transmission type – can be used to locate the vehicle’s GCWR and trailer weight with a variety of engine/axle ratio combinations.
- The GCWR column shows the maximum allowable combined weight of vehicle, trailer, and cargo (including passengers).
- Maximum loaded trailer weight assumes a towing vehicle with mandatory options, no cargo, and a driver (68 kg/150 lb.) only. The weight of additional options, passengers, and cargo must be deducted from this weight.
- Consult an up-to-date Order Guide for Trailer Towing Package option details and content.

F-150 PICKUP - REGULAR CAB						
Automatic Transmission	Axle Ratio	GCWR kg (lb.)	Conventional and Fifth-Wheel Trailer Towing			
			Maximum Loaded Trailer Weight kg (lb.)			
Engine	Axle Ratio	GCWR kg (lb.)	4X2		4X4	
			126" WB	145" WB	126" WB	145" WB
4.6L 2-Valve V8	3.55	4717 (10,400)	2449 (5400)	-	-	-
		4808 (10,600)	-	2494 (5500)	-	-
	3.73	4944 (10,900)	2676 (5900)	-	2585 (5700)	-
4.6L 3-Valve V8	3.31	5035 (11,100)	-	2721 (6000)	-	2630 (5800)
		5942 (13,100)	-	3628 (8000)	-	-
	3.55	6123 (13,500)	-	-	-	-
		5851 (12,900)	-	-	3492 (7700)	-
		5942 (13,100)	-	-	-	3492 (7700)
	3.73 ⁽¹⁾	6169 (13,600) ⁽¹⁾	-	3810 (8400)	-	-
6032 (13,300)		-	-	3628 (8000)	-	
5.4L 3-Valve V8	3.15	6169 (13,600)	-	-	-	3719 (8200)
		5987 (13,200)	-	3628 (8000)	-	-
	3.31	5896 (13,000)	-	-	3492 (7700)	-
		5987 (13,200)	-	-	-	3492 (7700)
	3.55	6305 (13,900)	-	-	3901 (8600)	-
		6804 (15,000)	-	4445 (9800)	-	4309 (9500)
3.73	7575 (16,700) ⁽²⁾⁽³⁾	-	5125 (11,300)	-	-	
	7711 (17,000)	-	-	-	5125 (11,300) ⁽²⁾⁽³⁾	

(1) Includes upgrade to 9.75" rear axle.
 (2) Requires Heavy Duty Payload Package.
 (3) Requires Max Trailer Towing Package.

Conventional Towing: Trailer tongue load weight should be 10-15% of total loaded trailer weight. Make sure vehicle payload (reduced by option weight) will accommodate 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 the rear GAWR (Gross Axle Weight Rating) or GVWR (Gross Vehicle Weight Rating). These ratings can be found on the vehicle Safety Compliance Certification Label.

Fifth-Wheel Towing: Trailer king pin weight should be 15-25% of total loaded trailer weight. Make sure vehicle payload (reduced by option weight) will accommodate trailer king pin weight and weight of passengers and cargo added to the towing vehicle. Addition of trailer king pin weight, and weight of passengers and cargo cannot cause vehicle weights to exceed the rear GAWR (Gross Axle Weight Rating) or GVWR (Gross Vehicle Weight Rating). These ratings can be found on the vehicle Safety Compliance Certification Label.

Tailgate Clearance: Tailgate clearance is an important consideration when towing a fifth-wheel or gooseneck trailer. The F-150's maximum tailgate height (distance from the ground to the top of the closed tailgate) ranges from 56-60" depending on model and drive configuration.

Frontal Area Considerations

- Not to exceed base vehicle frontal area:
 - Without Trailer Tow Package or Heavy Duty Payload Package
- Not to exceed 4.18 m² (45 sq. ft.):
 - With Trailer Tow Package and 3.15 Axle Ratio
- Not to exceed 5.57 m² (60 sq. ft.):
 - With Trailer Tow Package or Heavy Duty Payload Package

Standard Trailer Towing Equipment

- Four-Pin Trailer Wiring Harness
- Auxiliary Transmission Oil Cooler
- 2268 kg (5000 lb.) Rear Trailer Tow Bumper
- Trailer Sway Control

Optional Trailer Towing Equipment

Trailer Tow Package

- Upgraded Radiator
- Super Engine Cooling
- Upgraded Auxiliary Transmission Oil Cooler
- Class IV Trailer Hitch Receiver (Bumper-Mounted)
- Seven-Pin Trailer Wiring Harness

Max Trailer Tow Package

- Super Engine Cooling/Auxiliary Transmission Cooler
- Trailer Brake Controller
- Heavy Duty Front Eye Bushing
- Upgraded Rear Bumper w/Class IV Hitch (Bumper-Mounted)
- Seven-Pin Trailer Wiring Harness

Heavy Duty Payload Package

- High Capacity 17" Seven-Lug Argent Steel Wheels
- Heavy Duty Shock Absorbers, Frame and Axle
- Super Engine Cooling
- Upgraded Springs, Radiator and Auxiliary Transmission Oil Cooler
- 9.75" Gear Set with 3.73 Limited Slip Axle

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F-150 PICKUP - SUPERCAB							
Automatic Transmission	Axle Ratio	GCWR kg (lb.)	Conventional and Fifth-Wheel Trailer Towing				
			Maximum Loaded Trailer Weight kg (lb.)				
Engine	Axle Ratio	GCWR kg (lb.)	4X2		4X4		
			145" WB	163" WB	145" WB	133" WB	163" WB
4.6L 2-Valve V8	3.55	4808 (10,600)	2404 (5300)	-	-	-	-
	3.73	5035 (11,100)	2630 (5800)	-	-	2494 (5500)	-
4.6L 3-Valve V8	3.31	6123 (13,500)	3674 (8100)	-	-	-	-
	3.55	6123 (13,500)	-	-	-	3583 (7900)	-
		6758 (14,900) ⁽¹⁾	4309 (9500)	-	-	-	-
	3.73 ⁽¹⁾	6849 (15,100)	-	-	-	4263 (9400)	-
5.4L 3-Valve V8	3.15	6350 (14,000)	3901 (8600)	-	-	-	-
	3.31	6350 (14,000)	-	-	-	3764 (8300)	-
	3.55	6894 (15,200)	4445 (9800)	-	-	-	-
		6985 (15,400)	-	-	-	4400 (9700)	-
	3.73	7665 (16,900) ⁽²⁾	5125 (11,300)	-	-	-	-
		7756 (17,100)	-	5125 (11,300) ⁽²⁾⁽³⁾	-	5080 (11,200) ⁽²⁾	5035 (11,100) ⁽²⁾⁽³⁾
	3.73E ⁽⁴⁾	6985 (15,400)	-	-	-	4400 (9700)	-
		7756 (17,100) ⁽²⁾	-	-	-	5080 (11,200)	-
4.10 ⁽⁵⁾	5579 (12,300)	-	-	2721 (6000)	-	-	

(1) Includes upgrade to 9.75" rear axle.

(2) Requires Heavy Duty Payload Package.

(3) Requires Max Trailer Towing Package.

(4) FX4 only; Electronic Locking Differential.

(5) F-150 Raptor. While the pickup box will accept a fifth-wheel hitch, current fifth-wheel trailer designs are not compatible with this model.

Conventional Towing: Trailer tongue load weight should be 10-15% of total loaded trailer weight. Make sure vehicle payload (reduced by option weight) will accommodate 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 the rear GAWR (Gross Axle Weight Rating) or GVWR (Gross Vehicle Weight Rating). These ratings can be found on the vehicle Safety Compliance Certification Label.

Fifth-Wheel Towing: Trailer king pin weight should be 15-25% of total loaded trailer weight. Make sure vehicle payload (reduced by option weight) will accommodate trailer king pin weight and weight of passengers and cargo added to the towing vehicle. Addition of trailer king pin weight, and weight of passengers and cargo cannot cause vehicle weights to exceed the rear GAWR (Gross Axle Weight Rating) or GVWR (Gross Vehicle Weight Rating). These ratings can be found on the vehicle Safety Compliance Certification Label.

Tailgate Clearance: Tailgate clearance is an important consideration when towing a fifth-wheel or gooseneck trailer. The F-150's maximum tailgate height (distance from the ground to the top of the closed tailgate) ranges from 56-60" depending on model and drive configuration.

Frontal Area Considerations

- Not to exceed base vehicle frontal area:
 - Without Trailer Tow Package or Heavy Duty Payload Package
- Not to exceed 4.18 m² (45 sq. ft.):
 - With Trailer Tow Package and 3.15 Axle Ratio
- Not to exceed 5.57 m² (60 sq. ft.):
 - With Trailer Tow Package or Heavy Duty Payload Package

Standard Trailer Towing Equipment

- Four-Pin Trailer Wiring Harness
- Auxiliary Transmission Oil Cooler
- 2268 kg (5000 lb.) Rear Trailer Tow Bumper
- Trailer Sway Control

Optional Trailer Towing Equipment

Trailer Tow Package

- Upgraded Radiator
- Super Engine Cooling
- Upgraded Auxiliary Transmission Oil Cooler
- Class IV Trailer Hitch Receiver (Bumper-Mounted)
- Seven-Pin Trailer Wiring Harness

Max Trailer Tow Package

- Super Engine Cooling/Auxiliary Transmission Cooler
- Trailer Brake Controller
- Heavy Duty Front Eye Bushing
- Upgraded Rear Bumper w/Class IV Hitch (Bumper-Mounted)
- Seven-Pin Trailer Wiring Harness

Heavy Duty Payload Package

- High Capacity 17" Seven-Lug Argent Steel Wheels
- Heavy Duty Shock Absorbers, Frame and Axle
- Super Engine Cooling
- Upgraded Springs, Radiator and Auxiliary Transmission Oil Cooler
- 9.75" Gear Set with 3.73 Limited Slip Axle

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F-150 PICKUP - SUPERCREW

Automatic Transmission	Axle Ratio	GCWR kg (lb.)	Conventional and Fifth-Wheel Trailer Towing			
			Maximum Loaded Trailer Weight kg (lb.)			
Engine			4X2		4X4	
			145" WB	157" WB	145" WB	157" WB
4.6L 2-Valve V8	3.55	4808 (10,600)	2358 (5200)	2313 (5100)	-	-
	3.73	5035 (11,100)	2585 (5700)	2540 (5600)	-	-
4.6L 3-Valve V8	3.31	6123 (13,500)	3674 (8100)	3628 (8000)	-	-
	3.55	6123 (13,500)	-	-	3492 (7700)	3447 (7600)
		6758 (14,900) ⁽¹⁾	4263 (9400)	4218 (9300)	-	-
3.73 ⁽¹⁾	6849 (15,100)	-	-	4218 (9300)	4173 (9200)	
5.4L 3-Valve V8	3.15	6350 (14,000)	3855 (8500)	3810 (8400)	-	-
	3.31	6350 (14,000)	-	-	3674 (8100)	3628 (8000)
		6940 (15,300)	4445 (9800)	4400 (9700)	-	-
	3.55	7030 (15,500)	-	-	4354 (9600)	4309 (9500)
		5080 (11,200) ⁽²⁾	2404 (5300)	-	2313 (5100)	-
	3.73	7665 (16,900) ⁽³⁾	5125 (11,300)	-	-	-
		7711 (17,000)	-	5125 (11,300) ⁽³⁾	-	-
	3.73E ⁽⁴⁾	7756 (17,100)	-	-	5080 (11,200) ⁽³⁾	5035 (11,100) ⁽³⁾
7030 (15,500)		-	-	4354 (9600)	4309 (9500)	
		7756 (17,100) ⁽³⁾	-	-	5080 (11,200)	5035 (11,100)

(1) Includes upgrade to 9.75" rear axle.

(2) Harley-Davidson™ Package.

(3) Requires Max Trailer Towing Package.

(4) FX4 only; Electronic Locking Differential.

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Optional Trailer Towing Equipment

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