

2014 FORD F-150 TECHNICAL SPECIFICATIONS

POWERTRAIN/CHASSIS				
POWERTRAIN	3.7L V6	5.0L V8	6.2L V8	3.5L EcoBoost®
Valvetrain	Ti-VCT DOHC	Ti-VCT DOHC	iVCT SOHC	Ti-VCT DOHC
Block/head	Aluminum/aluminum	Aluminum/aluminum	Cast iron/aluminum	Aluminum/aluminum
Bore x stroke	3.76 x 3.45 in.	3.63 x 3.65 in.	4.02 x 3.74 in.	3.64 x 3.45 in.
Displacement	226 cu. in.	302 cu. in.	379 cu. in.	214 cu. in.
Compression ratio	10.5:1	10.5:1	9.8:1	10.0:1
Electronic fuel injection	Sequential multiport	Sequential multiport	Sequential multiport	Sequential direct
Valve operation	Direct-acting mechanical bucket	Roller finger follower	Roller-rocker shaft	Direct-acting mechanical bucket
Horsepower	302 @ 6,500 rpm	360 @ 5,500 rpm	411 @ 5,500 rpm	365 @ 5,000 rpm
Torque	278 lb.-ft. @ 4,000 rpm	380 lb.-ft. @ 4,250 rpm	434 lb.-ft. @ 4,500 rpm	420 lb.-ft. @ 2,500 rpm
Est. fuel economy	17 city/23 highway	15 city/21 highway	13 city/18 highway	16 city/22 highway
Oil capacity	Six quarts	Eight quarts	Seven quarts	Six quarts
Coolant capacity	15 quarts	16 quarts	19.5 quarts	16 quarts
Recommended fuel	Regular unleaded or E85	Regular unleaded or E85	Regular unleaded	Regular unleaded
Transmission type	Six-speed automatic	Six-speed automatic	Six-speed automatic	Six-speed automatic
Gear ratios				
1st	4.17:1	4.17:1	4.17:1	4.17:1
2nd	2.34:1	2.34:1	2.34:1	2.34:1
3rd	1.52:1	1.52:1	1.52:1	1.52:1
4th	1.14:1	1.14:1	1.14:1	1.14:1
5th	0.86:1	0.86:1	0.86:1	0.86:1
6th	0.69:1	0.69:1	0.69:1	0.69:1
Reverse	3.40	3.40	3.40	3.40
Standard final drive	2.17:1	2.17:1	2.17:1	2.17:1
Available axle ratios	3.55, 3.73	3.31, 3.55, 3.73	3.55, 3.73, 4.10	3.15, 3.31, 3.55, 3.73, 4.10
SUSPENSION				
Front				
4x2	Coil-on-shock, long-spindle double-wishbone independent, stamped-steel lower control arm			
4x4	Coil-on-shock, long-spindle double-wishbone independent, stamped-steel lower control arm			
Rear				
4x2	Hotchkiss-type non-independent live, leaf springs and outboard shock absorbers			
4x4	Hotchkiss-type non-independent live, leaf springs and outboard shock absorbers			

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STEERING												
Type	Rack-and-pinion, electric power-assisted steering (N/A with 6.2L V8 engine); hydraulic power-assisted steering (6.2L V8 engine only)											
Overall ratio	20.0:1 (126-, 145- and 157-in. wheelbase with maximum trailer tow), 17.0:1 (157-in. without maximum trailer tow and 163-in. wheelbase)											
BRAKES												
Type	Four-wheel vented disc, ABS											
Front	13.8 x 1.34 in., dual 2.13-in. pistons, non-asbestos organic linings											
Rear	13.7 x 0.98 in., single 2.13-in. pistons, non-asbestos organic linings											
Assist type	Vacuum, RSC											
DIMENSIONS AND CAPACITIES (inches)												
	Regular				SuperCab				SuperCrew			
	6.5 ft.		8 ft.		6.5 ft.		8 ft.		5.5 ft.		6.5 ft.	
	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4
Wheelbase	125.9	125.9	144.5	144.5	144.5	144.5	163.1	163.1	144.5	144.5	156.5	156.5
Overall length	213.2	213.2	231.9	231.9	231.9	231.9	250.4	250.4	231.9	231.9	243.9	243.9
Overall height	74.8	76.0	75.0	76.0	75.2	76.1	74.8	75.7	75.0	76.7	74.6	76.5
Overall width excl. mirrors	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
Overall width with mirrors	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
Track width, front	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
Track width, rear	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
Cargo box length (inside at floor)	78.8	78.8	97.4	97.4	78.8	78.8	97.4	97.4	67.0	67.0	78.8	78.8
Width (max) at wheelhouse	50	50	50	50	50	50	50	50	50	50	50	50
Inside box height	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
Seating capacity	3	3	3	3	5/6	5/6	5/6	5/6	5/6	5/6	5/6	5/6
Headroom												
Front	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
Rear	-	-	-	-	39.6	39.6	39.6	39.6	40.3	40.3	40.3	40.3

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Legroom												
Front	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
Rear	-	-	-	-	33.3	33.3	33.3	33.3	43.5	43.5	43.5	43.5
Hip room												
Front	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
Rear	-	-	-	-	65.4	65.4	65.4	65.4	64.6	64.6	64.6	64.6
Shoulder room												
Front	66.6	66.6	66.6	66.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
Rear	-	-	-	-	65.7	65.7	65.7	65.7	65.5	65.5	65.5	65.5
Fuel capacity (gallons)*	26	26	26	36	26	36	26	36	26	36	26	36
Turning diameter, curb-to-curb (ft.)	41.7	41.7	47.0	47.0	47.0	47.0	52.3	52.3	47.0	47.0	50.4	50.4

***EcoBoost 4x4 is only available with 36-gallon tank. EcoBoost 4x2 is available with 26-gallon tank.**

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WEIGHT AND TOWING (pounds)												
	Regular				SuperCab				SuperCrew			
	126-in. WB		145-in. WB		145-in. WB		163-in. WB		145-in. WB		157-in. WB	
	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4
Base curb weight												
3.7L V6	4,685	4,925	4,764	4,993	5,043	5,333	-	-	5,128	-	-	-
5.0L V8	4,791	5,033	4,901	5,130	5,169	5,461	5,312	5,620	5,254	5,586	5,345	5,716
6.2L V8	-	-	-	-	5,434	5,689	-	-	5,530	5,774	5,607	5,904
3.5L EcoBoost	-	-	4,935	5,220	5,203/ 5,366*	5,476/ 5,636*	5,317/ 5,499*	5,604/ 5,774*	5,296/ 5,407*	5,615/ 5,687*	5,380/ 5,490*	5,731/ 5,797*
Payload capacity												
3.7L V6	1,710	1,670	1,930	1,900	1,600	1,510	-	-	1,620	-	-	-
5.0L V8	1,810	1,710	2,090	2,060	1,870	1,830	1,930	1,770	1,790	1,700	1,700	1,570
6.2L V8	-	-	-	-	2,010	1,950	-	-	1,810	1,860	1,880	1,730
3.5L EcoBoost	-	-	2,060	1,920	1,790/ 2,080*	1,660/ 2,000*	1,920/ 1,990*	1,780/ 1,860*	1,750/ 1,930*	1,520/ 1,900*	1,660/ 2,000*	1,560/ 1,840*
Gross vehicle weight rating												
3.7L V6	6,450	6,650	6,750	6,950	6,700	6,900	-	-	6,800	-	-	-
5.0L V8	6,650	6,800	7,050	7,250	7,100	7,350	7,300	7,450	7,100	7,350	7,100	7,350
6.2L V8	-	-	-	-	7,500	7,700	-	-	7,400	7,700	7,550	7,700
3.5L EcoBoost	-	-	7,050	7,200	7,050/ 7,500*	7,200/ 7,700*	7,300/ 7,550*	7,450/ 7,700*	7,100/ 7,400*	7,200/ 7,650*	7,100/ 7,550*	7,350/ 7,700*

***Max Trailer Tow Package**

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WEIGHT AND PAYLOAD (pounds; Heavy-Duty Package)												
	Regular				SuperCab				SuperCrew			
	126-in. WB		145-in. WB		145-in. WB		163-in. WB		145-in. WB		157-in. WB	
	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4
Base curb weight												
5.0L V8	-	-	5,063	5,368	-	-	5,469	5,777	-	-	5,552	5,845
3.5L EcoBoost	-	-	5,083	5,367	-	-	5,474	5,785	-	-	5,554	5,860
Payload capacity												
5.0L V8	-	-	3,120	2,810	-	-	2,710	2,400	-	-	2,620	2,330
3.5L EcoBoost	-	-	3,100	2,810	-	-	2,700	2,390	-	-	2,620	2,310
Gross vehicle weight rating												
5.0L V8	-	-	8,200	8,200	-	-	8,200	8,200	-	-	8,200	8,200
3.5L EcoBoost	-	-	8,200	8,200	-	-	8,200	8,200	-	-	8,200	8,200

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CONVENTIONAL TOWING – MAXIMUM LOADED TRAILER WEIGHT RATINGS (pounds)														
			Regular				SuperCab				SuperCrew			
			126-in. WB		145-in. WB		145-in. WB		163-in. WB		145-in. WB		157-in. WB	
Engine	Axle ratio	GCW Rating (lbs.)	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4
3.7L V6	3.55	10,400	5,500											
		10,600			5,600									
	3.73	11,500	6,600	6,300										
		11,700			6,700	6,500	6,400	6,100			6,300			
3.7L V6	3.73	12,900	7,900											
5.0L V8	3.31	13,500			8,400		8,100		7,900		8,000			
		12,900		7,600									7,900	
	3.55	13,300	8,300											
		13,500				8,100		7,800		7,600	8,000			
		14,900			9,800		9,500		9,300			7,700	7,900	7,500
		13,300		8,000										
	3.73	14,900									9,400			
		15,100				9,700		9,400		9,200			9,300	
		15,300			10,000*	9,700*			9,600*	9,300*		9,300		9,100
		15,500					9,800						9,500*	9,200*
6.2L V8	3.55	15,600						9,700			9,800			
		13,500									7,500**	9,600	9,700	9,500
	3.73	17,000					11,300					7,300**		
		17,100						11,200			11,300			
		14,000			8,800		8,600		8,400		8,500	11,100	11,200	11,000
3.5L EcoBoost	3.15	14900			9,700		9,500		9,300		9,400		8,400	
	3.31	15,100				9,600		9,400		9,300			9,300	
	3.31	13,300									7500**	9,200		9,100
	3.55	13,400												
	3.55	15,000			9,800							7,300***		

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	3.55	15,200				9,700	9,800		9,600					
	3.55 3.73	15,300									9,800			
		15,400						9,700		9,600			9,700	
		15,500												
		13,300									7,500** ***	9,600		9,500
		13,400												
	3.73 4.10	15,200				9,700						7,300** **		
		15,400						9,700		9,600				
		15,500												
		16,600				11,300*						9,600		9,500
		16,900				11,300*	11,300**				11,300* *			
		17,000							11,300** *					
		17,100							11,300**		11,100** *		11,300**	
		17,100							11,300**		11,100**		11,200* *	11,000*/ 11,100**
												11,200* *		11,100**

***Heavy-Duty Payload Package**

****Max Trailer Tow Package**

*****Requires Heavy-Duty Payload Package or Max Trailer Tow Package**

******Limited**

Vehicle Description ¹	WB (in.)	Engine	Available Transmissions		GVWR	GVWR Code	Max. Payload	Curb Weight	
								Front	Total
F-150 4x2 LD R/Cab Tremor	126	3.5L GTDI	6R80E	-	6,650	AAZA6	1,520	2,910	5,073
F-150 4x4 LD R/Cab Tremor	126	3.5L GTDI	6R80E	-	6,800	AAZGT	1,370	3,119	5,375
F-150 4x4 LD S/Cab SVT Raptor	133	6.2L	6R80E	-	7,050	AAZHM	980	3,414	6,004
F-150 4x2 LD Crew/Cab Limited	145	3.5L GTDI	6R80E	-	7,100	AAZHH	1,480	3,114	5,558
F-150 4x2 LD Crew/Cab Limited	145	6.2L	6R80E	-	7,250	AAZHG	1,480	3,198	5,710
F-150 AWD LD Crew/Cab Limited	145	3.5L GTDI	6R80E	-	7,200	AAZHN	1,300	3,317	5,835
F-150 AWD LD Crew/Cab Limited	145	6.2L	6R80E	-	7,350	AAZAN	1,370	3,393	5,917
F-150 4x4 LD Crew/Cab SVT Raptor	145	6.2L	6R80E	-	7,450	AAZA3	1,180	3,549	6,203

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Notes:

¹ Light Duty vehicles equipped with C1CAN (Pkg K) - Max. Trailer Tow Pkg. indicated by "+" in Veh. No. & "MAX" in Vehicle Description

			Powertrain		Rear	GCW	Max.
Vehicle Series & Description	WB	GVWR	Description		Axle	Rating	Conv. Hitch Trailer Tow Cap.
	(in)	(lbs)	Engine	Trans.	Ratio	(lbs)	(lbs)
F-150 4×2 LD R/Cab Tremor	126	6,650	3.5L GTDI	6R80E	4.10	13,300	8,000
F-150 4×4 LD R/Cab Tremor	126	6,800	3.5L GTDI	6R80E	4.10	13,300	7,700
F-150 4×4 LD S/Cab SVT Raptor	133	7,050	6.2L	6R80E	4.10	12,500	6,000
F-150 AWD LD Crew/Cab Limited	145	7,200	3.5L GTDI	6R80E	3.55/3.73	13,400	7,300
F-150 4×4 LD Crew/Cab SVT Raptor	145	7,450	6.2L	6R80E	4.10	14,700	8,000

Specifications subject to change.