

2016 FORD F-150 TECHNICAL SPECIFICATIONS

POWERTRAIN/CHASSIS				
POWERTRAIN	3.5-liter V6	2.7-liter EcoBoost® V6	5.0-liter V8	3.5-liter EcoBoost V6
Valvetrain	Ti-VCT DOHC	Ti-VCT DOHC	Ti-VCT DOHC	Ti-VCT DOHC
Block/head	Aluminum/aluminum	Compacted graphite iron-aluminum/aluminum	Aluminum/aluminum	Aluminum/aluminum
Bore x stroke	3.64 x 3.45 in.	3.27 x 3.27 in.	3.63 x 3.65 in.	3.64 x 3.45 in.
Displacement	214 cu. in.	164 cu. in.	302 cu. in.	214 cu. in.
Compression ratio	10.8:1	10.0:1	10.5:1	10.0:1
Electronic fuel injection	Sequential multiport	Sequential direct	Sequential multiport	Sequential direct
Valve operation	Direct acting mechanical bucket	Roller finger follower	Roller finger follower	Direct acting mechanical bucket
Horsepower	282 @ 6,250 rpm	325 @ 5,750 rpm	385 @ 5,750 rpm	365 @ 5,000 rpm
Torque	253 lb.-ft. @ 4,250 rpm	375 lb.-ft. @ 3,000 rpm	387 lb.-ft. @ 3,850 rpm	420 lb.-ft. @ 2,500 rpm
Fuel economy 4x2 4x4 (2015 data*, 2016 models not yet tested)	18 mpg city, 25 mpg highway; 17 mpg city, 23 mpg highway	19 mpg city, 26 mpg highway; 18 mpg city, 23 mpg highway	15 mpg city, 22 mpg highway; 15 mpg city, 21 mpg highway	17 mpg city, 24 mpg highway; 17 mpg city, 23 mpg highway
Oil capacity	Six quarts	Six quarts	Eight quarts	Six quarts
Coolant capacity	15.3 quarts	16.4 quarts	15.9 quarts	15.6 quarts
Recommended fuel	Regular unleaded or E85	Regular unleaded	Regular unleaded or E85	Regular unleaded
Transmission type	Six-speed auto with tow/haul mode	SelectShift® six-speed auto with progressive range select and tow haul mode	SelectShift® six-speed auto with progressive range select and tow haul mode	SelectShift® six-speed auto with progressive range select and tow haul mode
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
Available axle ratios	3.55, 3.73	3.31, 3.55, 3.73	3.31, 3.55, 3.73	3.15, 3.31, 3.55, 3.73
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, outboard shock absorbers			
4x4	Hotchkiss-type non-independent live, leaf springs, outboard shock absorbers			

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SHOCKS												
Front and rear	Heavy-duty gas											
STEERING												
Type	Rack-and-pinion, electric power-assisted steering											
Overall ratio	20.0:1 (122-in. and 141-in. wheelbase), 17.0:1 (145-in., 157-in. and 164-in. wheelbase)											
BRAKES												
Type	Four-wheel vented discs, ABS											
Front	13.8 x 1.34 in., dual 2.1-in. pistons, non-asbestos organic linings											
Rear	13.2 x 0.87 in. (electric parking brake), 13.7 x 0.98 in. (drum in hand), single 2.13-in. pistons, non-asbestos organic linings											
Assist type	Vacuum, RSC											
DIMENSIONS AND CAPACITIES (inches unless otherwise noted)												
	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	122.4	122.4	141.1	141.1	145.0	145.0	163.7	163.7	145.0	145.0	156.8	156.8
Overall length	209.3	209.3	227.9	227.9	231.9	231.9	250.5	250.5	231.9	231.9	243.7	243.7
Overall height	75.5	76.9	75.1	76.9	75.5	77.2	75.5	77.0	75.6	77.2	75.7	77.3
Overall width excl. mirrors	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
Overall width with std. mirrors	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
Overall width with std. mirrors folded	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
Track width, front	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
Track width, rear	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
Cargo box inside length	78.9	78.9	97.6	97.6	78.9	78.9	97.6	97.6	67.1	67.1	78.9	78.9
Width (max) at wheelhouse	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
Inside box height	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
Seating capacity	3	3	3	3	5/6	5/6	5/6	5/6	5/6	5/6	5/6	5/6
Head room												
Front	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
Rear	-	-	-	-	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4
Leg room												
Front (max)	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
Rear	-	-	-	-	33.5	33.5	33.5	33.5	43.6	43.6	43.6	43.6
Hip room												
Front	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
Rear	-	-	-	-	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
Shoulder room												
Front	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
Rear	-	-	-	-	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9

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Standard fuel capacity (gallons)**	23	23	23	23	23	23	23	23	23	23	23	23
Turning diameter, curb-to-curb	40.7 ft.	40.7 ft.	46.1 ft.	46.1 ft.	47.1 ft.	47.1 ft.	53.0 ft.	53.0 ft.	47.8 ft.	47.8 ft.	51.1 ft.	51.1 ft.

**EPA estimated fuel economy ratings. Actual mileage will vary*

***36-gallon extended fuel tank optional (not available on 122-inch wheelbase)*

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