

## 2012 FORD F-150 TECHNICAL SPECIFICATIONS

<b>POWERTRAIN/CHASSIS</b>				
<b>POWERTRAIN</b>	<b>3.7L V6</b>	<b>5.0L V8</b>	<b>6.2L V8</b>	<b>3.5L EcoBoost®</b>
Valvetrain	Ti-VCT DOHC	Ti-VCT DOHC	VCT 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	Direct acting mechanical bucket	Roller-rocker shaft	Direct acting mechanical bucket
Power	302 hp @ 6,500 rpm	360 hp @ 5,500 rpm	411 hp @ 5,500 rpm	365 hp @ 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
Fuel economy	N/A	N/A	N/A	N/A
Oil capacity	6 quarts	8 quarts	7 quarts	6 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				
First	4.17:1	4.17:1	4.17:1	4.17:1
Second	2.34:1	2.34:1	2.34:1	2.34:1
Third	1.52:1	1.52:1	1.52:1	1.52:1
Fourth	1.14:1	1.14:1	1.14:1	1.14:1
Fifth	0.86:1	0.86:1	0.86:1	0.86:1
Sixth	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	3.73, 4.10	3.15, 3.31, 3.55, 3.73, 4.10

<b>SUSPENSION</b>	
<b>Front</b>	
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
<b>Rear</b>	
4x2	Hotchkiss-type non-independent live, leaf springs and outboard shock absorbers
4x4	Hotchkiss-type non-independent live, leaf springs and outboard shock absorbers

<b>STEERING</b>	
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-inch wheelbase with maximum trailer tow), 17.0:1 (157-inch without maximum trailer tow and 163-inch wheelbase)

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<b>BRAKES</b>	
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

<b>DIMENSIONS AND CAPACITIES (inches)</b>												
	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	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
<b>Headroom</b>												
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
<b>Legroom</b>												
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
<b>Hip room</b>												
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
<b>Shoulder room</b>												
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-inch WB		145-inch WB		145-inch WB		163-inch WB		145-inch WB		157-inch WB	
	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4
<b>Base curb weight</b>												
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	5,886	5,345	5,716
6.2L V8	-	-	-	-	-	-	-	-	5,604*	5,848	5,681*	5,978*
3.5L EcoBoost	-	-	4,938	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*
<b>Payload capacity</b>												
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	-	-	-	-	-	-	-	-	1,730*	1,790	1,810*	1,660
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*
<b>Gross vehicle weight rating</b>												
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	-	-	-	-	-	-	-	-	7,400*	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

WEIGHT AND PAYLOAD (pounds; heavy-duty package)												
	Regular				SuperCab				SuperCrew			
	126-inch WB		145-inch WB		145-inch WB		163-inch WB		145-inch WB		157-inch WB	
	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4
<b>Base curb weight</b>												
5.0L V8	-	-	5,083	5,368	-	-	5,469	5,777	-	-	5,552	5,845
3.5L EcoBoost	-	-	5,083	5,352	-	-	5,474	5,761	-	-	5,554	5,860
<b>Payload capacity</b>												
5.0L V8	-	-	3,060	2,770	-	-	2,670	2,360	-	-	2,590	2,290
3.5L EcoBoost	-	-	3,060	2,790	-	-	2,670	2,380	-	-	2,590	2,280
<b>Gross vehicle weight rating</b>												
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-inch WB		145-inch WB		145-inch WB		163-inch WB		145-inch WB		157-inch WB	
			4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4
Engine	Axle ratio	GCWR (lbs.)												
3.7L V6	3.55	10,400	5,500											
		10,600		5,600										
	3.73	10,900	6,000	5,700										
11,100			6,100	5,900	5,800	5,500			5,700					
5.0L V8	3.31	12,900	7,900											
		13,500		8,400		8,100		7,900		8,000		7,900		
	3.55	12,900		7,600										
		13,300	8,300											
		13,500		8,100		7,800		7,600	8,000	7,700	7,900	7,500		
	3.73	14,900		9,800		9,500		9,300						
		13,300		8,000										
		14,900							9,400		9,300		9,300	
		15,100			9,700		9,400		9,200		9,300		9,100	
6.2L V8	3.73	15,300		10,000*	9,700*			9,600*	9,300*			9,500*	9,200*	
		17,100								11,300**	11,100**	11,200**	10,900**	
3.5L EcoBoost	3.15	14,000		8,800		8,600		8,400		8,500		8,400		
		3.31	14,000		8,500		8,300		8,200		8,100		8,000	
	3.55	15,000		9,800										
		15,200			9,700	9,800		9,600						
		15,300							9,800		9,700			
		15,400					9,700		9,600					
	3.73	15,500									9,600		9,500	
		15,200			9,700									
		15,400					9,700		9,600					
		15,500									9,600		9,500	
		16,600		11,300*							9,600		9,500	
		16,900				11,300**					9,600		9,500	
3.5L EcoBoost	4.10	17,000								11,300**		11,300**		
		17,100			11,300*		11,300**	11,300**	11,100**		11,200**	11,300*	11,100**	

\*Heavy-Duty Payload Package

\*\*Max Trailer Tow Package

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

Specifications subject to change.