

2012 FORD F-SERIES SUPER DUTY PICKUP TECHNICAL SPECIFICATIONS

POWERTRAIN/CHASSIS

POWERTRAIN	6.2L 2V V8	6.7L 4V V8
Engine type	SOHC Gas (Flex Fuel)	OHV Power Stroke® Turbo-Diesel
Block/head	Cast iron/aluminum	Compacted graphite iron/aluminum
Bore x stroke	4.02 x 3.74 in.	3.90 x 4.25 in.
Displacement	379 cu. in., 6,210 cc	406 cu. in., 6,651 cc
Compression ratio	9.8:1	16.2:1
Fuel injection	Sequential electronic	High-pressure common rail
Valve operation	Roller-rocker shaft	Pushrod/rocker arms
Power	385 hp @ 5,500 rpm (1)/ 316 hp @ 4,179 rpm (2)	400 hp @ 2,800 rpm
Torque	405 lb.-ft. @ 4,500 rpm (1)/397 lb.-ft. @ 4,179 rpm (2)	800 lb.-ft. @ 1,600 rpm
Oil capacity	7 quarts	13 quarts
Coolant capacity	21.0 quarts	37.8 quarts (27.8 quarts main cooling system plus 10.0 quarts secondary cooling system)
Fuel capacity	35 gallons	37.5 gallons (158-inch and 172-inch WB) / 26 gallons (137-inch, 142-inch and 156-inch WB)
Recommended fuel	Regular unleaded or E85	Ultra-low sulfur diesel or B20 (containing 20% or less biodiesel)
Transmission type	TorqShift® heavy-duty six-speed automatic transmission with SelectShift™	TorqShift heavy-duty six-speed automatic transmission with SelectShift
Gear ratios		
1st	3.97:1	3.97:1
2nd	2.32:1	2.32:1
3rd	1.52:1	1.52:1
4th	1.15:1	1.15:1
5th	0.86:1	0.86:1
6th	0.67:1	0.67:1
Reverse	3.13:1	3.13:1
Available axle ratios	3.73, 4.30	3.31, 3.55, 3.73, 4.30

(1) Under 10,000 lb. (GVWR). (2) Over 10,000 lb. (GVWR)

SUSPENSION

Front	
4x2	Independent twin I-beam (narrow front track) with coil springs, shock absorbers, stabilizer bar (F-250/F-350)
4x4	Mono beam (narrow front track) with coil springs, shock absorbers, stabilizer bar (F-250/F-350) Mono beam (wide front track) with coil springs, shock absorbers, stabilizer bar (F-450)
Rear	
4x2	Live axle with leaf springs, staggered shock absorbers and stabilizer bar; stabilizer bar standard on DRW models and available with camper package SRW pickups
4x4	Live axle with leaf springs, staggered shock absorbers and stabilizer bar; stabilizer bar standard on DRW models and available with camper package and camper/snowplow combination package SRW pickups (snowplow package does not come with a rear stabilizer bar)

STEERING

Type	Power assist
Overall ratio	20.49:1 (F-250/F-350 4x2); 20.41:1 (F-250/F-350 4x4); 20.41:1 average (F-450)

BRAKES

Type	4 wheel vented disc, ABS (standard)
Front	13.66-inch discs (F-250, F-350), 14.53-inch discs (F-450)

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Rear	13.39-inch discs (F-250, F-350), 15.35-inch discs (F-450)
Assist type	Vacuum (F-250/F-350 SRW)/hydro-boost (F-350 DRW/F-450)

WHEELS AND TIRES

Base wheel and tire	Steel or aluminum; 17-inch, 18-inch or 20-inch (F-250/F-350); 17-inch (F-450)
Largest wheel available	LT275/65R-20E AT OWL (outlined white letter)

DIMENSIONS AND CAPACITIES (all dimensions are in inches)

	Regular		SuperCab				Crew Cab			
	8 ft.		6.75 ft.		8 ft.		6.75 ft.		8 ft.	
	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4	4x2	4x4
Wheelbase	137.0	137.0	141.8	141.8	158.0	158.0	156.2	156.2	172.4	172.4
Overall length	227.6	227.6	232.4	232.4	248.6	248.6	246.8	246.8	263.0	263.0
Overall ht. (F-250)	76.6	79.2	77.0	79.5	76.9	79.3	77.4	79.7	77.3	79.8
Overall height (350 SRW)	76.5	80.0	76.9	80.4	76.7	80.2	77.2	80.8	77.2	80.8
Overall height (F-350 DRW)	76.7	79.5	-	-	76.9	79.7	-	-	77.3	79.9
Overall height (F-450 DRW)	-	-	-	-	-	-	-	-	-	79.7
Overall width SRW (excl. mirrors)	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
Overall width DRW (excl. mirrors)	96.0	96.0	-	-	96.0	96.0	-	-	96.0	96.0
Overall width with mirrors	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
Overall width with mirrors extended	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
Cargo box length	98.0	98.0	81.8	81.8	98.0	98.0	81.8	81.8	98.0	98.0
Cargo box width (max)	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
Width at wheelhouse	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
Cargo box height	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Seating capacity	2/3	2/3	5/6	5/6	5/6	5/6	5/6	5/6	5/6	5/6
Headroom										
Front	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
Rear	-	-	38.1	38.1	38.1	38.1	40.8	40.8	40.8	40.8
Legroom										
Front	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
Rear	-	-	31.6	31.6	31.6	31.6	42.1	42.1	42.1	42.1
Hip room										
Front	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
Rear	-	-	67.3	67.3	67.3	67.3	67.6	67.6	67.6	67.6
Shoulder room										
Front	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
Rear	-	-	68.1	68.1	68.1	68.1	68.0	68.0	68.0	68.0

2012 FORD F-SERIES SUPER DUTY PICKUP TECHNICAL SPECIFICATIONS

CONVENTIONAL TOWING – Maximum Loaded Trailer Weight Ratings (pounds)

ENGINE	AXLE RATIO	GCWR	Regular Cab					SuperCab					Crew Cab						
			F-250/ F-350 SRW 4x2	F-350 DRW 4x2	F-250 SRW 4x4	F-350 SRW 4x4	F-350 DRW 4x4	F-250/ F-350 SRW 4x2	F-350 DRW 4x2	F-250 SRW 4x4	F-350 SRW 4x4	F-350 DRW 4x4	F-250 SRW 4x2	F-350 SRW 4x2	F-350 DRW 4x2	F-250 SRW 4x4	F-350 SRW 4x4	F-350 DRW 4x4	F-450 DRW 4x4
6.2L FFV	3.73	19,000	12,500	-	12,500	12,400	-	12,500	-	12,200	12,100	-	12,400	12,400	-	12,000	12,000	-	-
		19,500	-	12,900	-	-	12,500	-	12,500	-	-	12,100	-	-	12,300	-	-	11,900	-
	4.30	22,000	12,500	-	12,500	12,500	-	12,500	-	12,500	12,500	-	12,500	12,500	-	12,500	12,500	-	-
		22,500	-	15,000	-	-	15,000	-	15,000	-	-	15,000	-	-	15,000	-	-	14,900	-
6.7L V8 Turbo-Diesel	3.31	23,500	12,500	-	12,500	12,500	-	14,000	-	14,000	14,000	-	14,000	14,000	-	14,000	14,000	-	-
	3.55	23,500	12,500	-	12,500	12,500	-	14,000	-	14,000	14,000	-	14,000	14,000	-	14,000	14,000	-	-
	3.73	30,000	-	15,000	-	-	15,000	-	15,000	-	-	15,000	-	-	17,500	-	-	17,500	-
	4.30	33,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17,500

FIFTH-WHEEL TOWING – Maximum Loaded Trailer Weight Ratings (pounds)

ENGINE	AXLE RATIO	GCWR	Regular Cab					SuperCab					Crew Cab							
			F-250 SRW 4x2	F-350 SRW 4x2	F-350 DRW 4x2	F-250 SRW 4x4	F-350 SRW 4x4	F-350 DRW 4x4	F-250/ F-350 SRW 4x2	F-350 DRW 4x2	F-250 SRW 4x4	F-350 SRW 4x4	F-350 DRW 4x4	F-250 SRW 4x2	F-350 SRW 4x2	F-350 DRW 4x2	F-250 SRW 4x4	F-350 SRW 4x4	F-350 DRW 4x4	F-450 DRW 4x4
6.2L FFV	3.73	19,000	12,800	12,700	-	12,300	12,300	-	12,500/ 12,400	-	12,100	12,000	-	12,300	12,200	-	11,900	11,900	-	-
		19,500	-	-	12,800	-	-	12,400	-	12,400	-	-	12,000	-	-	12,200	-	-	11,700	-
	4.30	22,000	15,800	15,700	-	15,300	15,300	-	15,500/ 15,400	-	15,100	15,000	-	15,300	15,200	-	14,900	14,900	-	-
		22,500	-	-	15,800	-	-	15,400	-	15,400	-	-	15,000	-	-	15,200	-	-	14,700	-
6.7L V8 Turbo- Diesel	3.31	23,500	16,700	16,600	-	16,200	16,100	-	16,300	-	16,000	15,900	-	16,100	16,100	-	15,200	15,600	-	-
	3.55	23,500	16,700	16,600	-	16,200	16,100	-	16,300	-	16,000	15,900	-	16,100	16,100	-	15,200	15,600	-	-
	3.73	30,000	-	-	22,700	-	-	22,200	-	22,100	-	-	21,700	-	-	21,900	-	-	21,500	-
	4.30	33,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,500

MAXIMUM PAYLOAD WEIGHT RATINGS (pounds)

Configuration	Max GVWR (lbs.)	Regular Cab	SuperCab		Crew Cab	
		137.0-inch WB	141.8-inch WB	158.0-inch WB	156.2-inch WB	172.4-inch WB
F-250 SRW 4x2	=	=	=	=	=	=
	9,900	4,190	3,800	3,700	3,590	3,480
	10,000	4,290	3,900	3,800	3,690	3,580
F-250 SRW 4x4	=	=	=	=	=	=
	9,900	3,650	3,390	3,280	3,190	3,070
	10,000	3,790	3,490	3,380	3,290	3,170
	10,500	4,140	3,830	3,760	3,650	3,510
F-350 SRW 4x2	10,700	4,630	4,280	-	-	4,010
	10,900	-	-	-	4,220	-
	11,000	4,430	4,110	4,540	-	4,460
	11,400	-	-	-	4,330	-
	11,500	-	-	4,470	-	4,260
	10,000	3,690	3,430	3,340	3,260	3,130
	11,000	3,990	-	4,250	-	4,080
F-350 SRW 4x4	11,110	4,690	4,430	-	-	-
	11,200	-	3,930	3,800	3,790	4,230
	11,300	4,940	-	3,850	4,460	3,630
	11,500	4,440	4,790	4,010	4,000	3,790
F-350 DRW 4x2	13,300	7,110	-	6,640	-	6,410
F-350 DRW 4x4	13,000(*)	-	-	-	-	5,320
	13,300	6,610	-	6,210	-	5,990
F-450 DRW 4x4	13,300	-	-	-	-	5,260

(*) Pickup Box Delete

Specifications subject to change.