

2011 Ford F-SERIES SUPER DUTY TECHNICAL SPECIFICATIONS

POWERTRAIN/CHASSIS

POWERTRAIN	6.2L 2V V-8	6.7L 4V V-8
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	390 hp @ 2,800 rpm
Torque	405 ft.-lb. @ 4,500 rpm	735 ft.-lb. @ 1,600 rpm
Oil capacity	7 quarts	13 quarts
Coolant capacity	21.0 quarts	37.8 quarts (27.8 quarts main cooling system + 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	Heavy-duty TorqShift™ six-speed automatic	Heavy-duty TorqShift six-speed automatic
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

SUSPENSION

Front	
4x2	Independent twin I-beam (narrow front track) with coil springs, shock absorbers, stabilizer bar (F-250/350) Mono beam (wide front track) with coil springs, shock absorbers, stabilizer bar (F-450)
4x4	Mono beam (narrow front track) with coil springs, shock absorbers, stabilizer bar (F-250/350) 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 and snowplow package on 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 snowplow package on SRW pickups

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 gas engines) / hydro-boost (F-350 SRW diesel engine, 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 height (250)	76.6	79.2	77.0	79.8	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 (350 DRW)	76.7	79.5	-	-	76.9	79.7	-	-	77.3	79.9
Overall height (450 DRW)	-	-	-	-	-	-	-	-	79.7	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

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CONVENTIONAL TOWING – Maximum Loaded Trailer Weight Ratings (lbs.)																			
ENGINE	AXLE RATIO	GCWR (LBS.)	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-350 DRW 4x4
6.2L gas	3.73	19,000	12,500	-	12,400	12,400	-	12,500	-	12,200	12,100	-	12,400	12,400	-	12,000	11,900	-	-
		19,500	-	12,900	-	-	12,400	-	12,500	-	-	12,100	-	-	12,200	-	-	11,800	-
	4.30	22,000	12,500	-	12,500	12,500	-	12,500	-	12,500	12,500	-	12,500	12,500	-	12,500	12,500	-	-
6.7L diesel	3.31	23,500	12,500	-	12,500	12,500	-	14,000	-	13,800	14,000	-	14,000	14,000	-	14,000	14,000	-	-
	3.55	23,500	12,500	-	12,500	12,500	-	14,000	-	13,800	14,000	-	14,000	14,000	-	14,000	14,000	-	-
	3.73	29,000	-	15,000	-	-	15,000	-	15,000	-	-	15,000	-	-	15,000	-	-	16,000	-
	4.30	33,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16,000

FIFTH-WHEEL TOWING – Maximum Loaded Trailer Weight Ratings (lbs.)																				
ENGINE	AXLE RATIO	GCWR (LBS.)	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-350 DRW 4x4
6.2L gas	3.73	19,000	12,700	12,600	-	12,200	12,100	-	12,500	-	12,200	12,100	-	12,400	12,300	-	12,000	11,900	-	-
		19,500	-	-	12,700	-	-	12,200	-	12,300	-	-	11,800	-	-	12,000	-	-	11,600	-
	4.30	22,000	15,700	15,600	-	15,200	15,100	-	15,500	-	15,200	15,100	-	15,400	15,300	-	15,000	14,900	-	-
6.7L diesel	3.31	23,500	16,500	16,500	-	16,100	16,000	-	16,400	-	16,100	16,000	-	16,000	16,000	-	15,700	15,800	-	-
	3.55	23,500	16,500	16,500	-	16,100	16,000	-	16,400	-	16,100	16,000	-	16,000	16,000	-	15,700	15,800	-	-
	3.73	29,000	-	-	21,600	-	-	21,100	-	21,100	-	-	20,500	-	-	20,800	-	-	20,300	-
	4.30	33,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,400

MAXIMUM PAYLOAD WEIGHT RATINGS (lbs.)							
Configuration	Max GVWR (lbs.)	Regular Cab		SuperCab		Crew Cab	
		137.0-inch WB	141.1-inch WB	158.0-inch WB	156.2-inch WB	172.4-inch WB	
F-250 SRW 4x2	9,400	-	3,020	3,060	2,900	-	
	9,600	-	-	-	-	2,960	
	9,800	4,050	2,850	-	-	-	
	10,000	-	-	2,910	2,650	2,660	
F-250 SRW 4x4	9,400	2,540	2,710	-	-	-	
	9,600	-	-	2,780	2,690	-	
	9,800	-	-	-	-	2,790	
	10,000	2,940	2,690	2,350	2,430	2,210	
F-350 SRW 4x2	10,200	4,130	3,710	-	-	-	
	10,600	-	-	-	3,990	-	
	10,800	4,060	-	4,600	-	4,050	
	11,000	-	3,940	-	-	-	
	11,200	-	-	4,010	3,740	-	
	11,400	-	-	-	-	3,950	
F-350 SRW 4x4	10,700	4,100	-	-	-	-	
	10,800	-	3,970	-	-	-	
	11,000	-	-	4,050	3,960	-	
	11,200	4,010	-	-	-	4,050	
	11,400	-	3,950	-	-	-	
F-350 DRW 4x2	11,500	-	-	3,720	3,790	3,580	
	12,600	5,530	-	5,930	-	5,460	
	12,800	6,520	-	-	-	-	
F-350 DRW 4x4	13,000	-	-	5,420	-	5,200	
	12,200	5,260	-	-	-	-	
	12,600	-	-	5,290	-	5,060	
	12,800	5,230	-	-	-	-	
F-450 DRW 4x4	13,000	-	-	4,860	-	4,700	
	13,050	-	-	-	-	4,920	

Specifications subject to change.