

2021 FORD F-600

TECHNICAL SPECIFICATIONS



BODY

Construction/materials	Fully boxed steel frame under-cab, and C-channel aft-of-cab made from high-strength steel, aluminum cab
Body style	Body-on-frame
Trim levels	XL and XLT
Final assembly location	Ohio Assembly Plant, Avon Lake, Ohio

DRIVETRAIN

Standard layout	Front engine, rear drive
Optional layout	Front engine, 4x4 (electronic shift-on-the-fly transfer case)

ENGINES

	7.3-liter V8	6.7-liter Power Stroke® V8 diesel
Configuration	90-degree V8, single in-block cam	90-degree V8 diesel, single turbocharger, in-block cam and overhead valves
Block/head material	Cast iron block, aluminum heads	Compacted graphite iron block, aluminum heads
Displacement	7.3 liters (445 cubic inches)	6.7 liters (406 cubic inches)
Bore x stroke	4.22 inches x 3.98 inches	3.9 inches x 4.25 inches
Compression ratio	10.5:1	15.8:1
Valvetrain	Pushrod and rocker arms, two valves per cylinder	Pushrod and rocker arms, four valves per cylinder
Recommended fuel	87 octane	Ultra-low sulfur diesel/B20
Fuel delivery	Sequential multi-port electronic	High-pressure common rail
Engine control system	Electronic	Electronic
Intake manifold	Naturally aspirated, tuned intake	Variable geometry turbocharger with charge air cooler
Dyno certified horsepower	350 @ 3,900 rpm	330 @ 2,600 rpm
Dyno certified torque	468 lb.-ft. @ 3,900 rpm	825 lb.-ft. @ 2,000 rpm
Oil life monitor	Intelligent oil life monitor®	Intelligent oil life monitor®

ELECTRICAL

	7.3-liter XL/XLT	6.7-liter XL/XLT
Alternator	240-amp standard,	240-amp standard, 332-amp or 397-amp optional
Battery group	12-volt, 750-CCA/78-amp-hr	Dual 12-volt, 750-CCA/78-amp-hr

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TRANSMISSION

TorqShift® 10-speed heavy-duty automatic transmission with SelectShift™

Configuration	Aluminum 10-speed, live-drive access on driver side	Aluminum 10-speed, live-drive access on driver side
Engine	7.3-liter V8	6.7-liter Power Stroke diesel V8
Gear ratios:		
First	4.615:1	4.615:1
Second	2.919:1	2.919:1
Third	2.132:1	2.132:1
Fourth	1.773:1	1.773:1
Fifth	1.519:1	1.519:1
Sixth	1.277:1	1.277:1
Seventh	1:1	1:1
Eighth	0.851:1	0.851:1
Ninth	0.687:1	0.687:1
10th	0.632:1	0.632:1
Reverse	-4.695:1	-4.695:1

STEERING

Assist	Power hydraulic
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BRAKES

Type	Four-wheel vented-disc, ABS (standard)
Front (rotor diameter)	15.39-inch (391-millimeter)
Rear (rotor diameter)	15.75-inch (400-millimeter)

WHEELS

Type	Steel or aluminum
Size	19.5-inch x 6.75-inch
Number of studs	10
Bolt circle diameter	8.86-inch

PASSENGER AND FUEL CAPACITIES

Seating capacity (maximum)	Three
Midship fuel tank capacity	26.5 gallons
Aft-of-axle fuel tank capacity	40 gallons
Fuel capacity DRW, dual diesel tanks	66.5 gallons

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CHASSIS SPECIFICATIONS

Maximum GCWR	43,000 lbs.
Maximum GVWR	22,000 lbs.
Maximum payload	15,090 lbs.
Maximum conventional hitch tow	18,500 lbs.

Front suspension

Type	Solid twin-coil monobeam axle
Maximum front GAWR	7,500 lbs., 4x2/4x4 DRW
Springs	Coil
Shock absorbers	Gas type
Stabilizer bar	35mm solid 5160 steel

Rear suspension

Type	Solid axle
Maximum rear GAWR	15,500 lbs., 4x2/4x4 DRW
Springs	Leaf
Shock absorbers	Gas type
Stabilizer bar	31mm solid 5160 steel

EXTERIOR DIMENSIONS (INCHES UNLESS OTHERWISE NOTED)

	Regular Cab			
Cab-to-axle drivetrain	60	84	108	120
	4x2/4x4	4x2/4x4	4x2/4x4	4x2/4x4
Wheelbase	145.3	169.3	193.3	205.3
Length overall	230.7	254.8	278.8	290.7
Height	83.5/83.4	83.3/83.1	83.1/83.0	83.1/82.9
Track, front, DRW	74.8	74.8	74.8	74.8
Track, rear, DRW (tire center width)	74.0	74.0	74.0	74.0
Rear axle clearance, DRW	9.1	9.1	9.1	9.1
Frame rail width, DRW	34.2	34.2	34.2	34.2
Rear axle to end of frame	47.2	47.2	47.2	47.2
Front bumper to front axle	38.3	38.3	38.3	38.3
Base curb weight				
7.3-liter 4x2	6,906 lbs.	6,971 lbs.	7,157 lbs.	7,209 lbs.
7.3-liter 4x4	7,216 lbs.	7,308 lbs.	7,455 lbs.	7,524 lbs.
6.7-liter 4x2	7,655 lbs.	7,717 lbs.	7,882 lbs.	7,962 lbs.
6.7-liter 4x4	7,966 lbs.	8,044 lbs.	8,209 lbs.	8,277 lbs.

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INTERIOR DIMENSIONS (INCHES UNLESS OTHERWISE NOTED)

Regular Cab 4x2/4x4	
Front headroom	40.8
Front shoulder room	66.7
Front hip room	62.5
Front legroom	43.9
Rear headroom	N/A
Rear shoulder room	N/A
Rear hip room	N/A
Rear legroom	N/A
Volume (cu. ft.)	
Passenger, front	64.6
Passenger, rear	N/A
Passenger, total	64.6
Cargo, behind first row	11.6

PAYOUT (LBS.)

	145.3-inch wheelbase; 60 inches, cab-to-axle	169.3-inch wheelbase; 84 inches, cab-to-axle	193.3-inch wheelbase; 108 inches, cab-to-axle	205.3-inch wheelbase; 120 inches, cab-to-axle
7.3-liter 4x2	15,090	15,020	14,840	14,790
7.3-liter 4x4	14,780	14,690	14,540	14,470
6.7-liter 4x2	14,340	14,280	14,110	14,030
6.7-liter 4x4	14,030	13,950	13,790	13,720

MAXIMUM CONVENTIONAL TOWING (LBS.)

Engine	Wheelbase	Rear axle	Axle ratio	Maximum GVWR	Maximum GCWR	4x2/4x4
7.3-liter	145.3-inch	DRW	4.88	22,000	30,000	18,500
7.3-liter	169.3-inch	DRW	4.88	22,000	30,000	18,500
7.3-liter	193.3-inch	DRW	4.88	22,000	30,000	18,500
7.3-liter	205.3-inch	DRW	4.88	22,000	30,000	18,500
6.7-liter	145.3-inch	DRW	4.88	22,000	43,000	18,500
6.7-liter	169.3-inch	DRW	4.88	22,000	43,000	18,500
6.7-liter	193.3-inch	DRW	4.88	22,000	43,000	18,500
6.7-liter	205.3-inch	DRW	4.88	22,000	43,000	18,500

MAXIMUM GOOSENECK TOWING (LBS.)

Engine	Wheelbase	Rear axle	Axle ratio	Maximum GVWR	Maximum GCWR	4x2	4x4
7.3-liter	145.3-inch	DRW	4.88	22,000	30,000	22,200	21,900
7.3-liter	169.3-inch	DRW	4.88	22,000	30,000	22,000	21,700
7.3-liter	193.3-inch	DRW	4.88	22,000	30,000	21,700	21,400
7.3-liter	205.3-inch	DRW	4.88	22,000	30,000	21,500	21,200
6.7-liter	145.3-inch	DRW	4.88	22,000	43,000	34,500	34,200
6.7-liter	169.3-inch	DRW	4.88	22,000	43,000	34,300	33,900
6.7-liter	193.3-inch	DRW	4.88	22,000	43,000	33,900	33,600
6.7-liter	205.3-inch	DRW	4.88	22,000	43,000	33,800	33,500

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WARRANTY

Bumper to bumper:	Three years/36,000 miles
Powertrain:	Five years/60,000 miles
Safety restraint system:	Five years/60,000 miles
Corrosion (perforation only):	Five years/unlimited miles
Roadside assistance program:	Five years/60,000 miles

