

2020 FORD RANGER

TECHNICAL SPECIFICATIONS



BODY

Construction	Body-on-frame
Body styles	SuperCrew®, SuperCab
Trim levels	XL XLT Lariat
Final assembly location	Michigan Assembly Plant, Wayne, Michigan

ENGINE

	2.3-liter EcoBoost® I-4 with Auto Start-Stop
Configuration	Aluminum block and head
Intake manifold	Lightweight composite shell-welded
Exhaust manifold	High-flow three-port cylinder head with integrated exhaust manifold
Valvetrain	DOHC, four valves per cylinder, twin independent variable camshaft timing
Valve diameter/lift	Intake, 31 millimeters/8.31 millimeters; exhaust, 30 millimeters/7.42 millimeters
Pistons	Lightweight high-strength cast aluminum with low-friction skirt coating and steel ring carriers
Connecting rods	Forged steel with full floating pins
Ignition	Distributor-less with coil-on-plug
Bore x stroke	3.45 x 3.7 inches (87.5 x 94 millimeters)
Displacement	140 cubic inches (2,300 cubic centimeters)
Compression ratio	10.0:1
Engine control system	Powertrain control module
Recommended fuel	87 octane
Fuel capacity	18 gallons
Fuel delivery	Direct injection
Oil capacity	6.2 quarts 5W-30 with filter (10,000-mile service interval)
Power	270 horsepower @ 5,500 rpm
Torque	310 lb.-ft. @ 3,000 rpm

DRIVETRAIN

Layout	Standard - Rear-wheel drive with open differential Optional - Rear-wheel drive with electronic locking differential - 4x4 front open differential, rear drive with open differential - 4x4 front open differential, rear drive with electronic locking differential
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TRANSMISSION

Standard	10-speed SelectShift® automatic
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GEAR RATIOS

First	4.696:1
Second	2.985:1
Third	2.146:1
Fourth	1.769:1
Fifth	1.520:1
Sixth	1.275:1
Seventh	1:1
Eighth	0.854:1
Ninth	0.689:1
Tenth	0.636:1
Reverse	-4.866:1
Final drive rear axle ratio	3.73:1

TRANSFER CASE (4x4 ONLY)

4-high drive ratio	1:1
4-low drive ratio	2.717:1

SUSPENSION

Front	Short- and long-arm independent and tubular stabilizer bar
Rear	Hotchkiss-type nonindependent live, leaf springs and outboard shock absorbers

STEERING

Type	Electric power-assisted, rack-and-pinion
Ratio	17.7:1
Turning circle, curb-to-curb	41.99 feet

BRAKES

Type	Four-wheel power disc brakes with four-sensor, four-channel antilock braking system and AdvanceTrac® electronic stability control
Front	12.24- x 1.33-inch disc, 2.0-inch twin piston caliper, non-asbestos organic pads
Rear	12.12- x 0.94-inch disc, 2.12-inch single piston caliper, non-asbestos organic pads

WHEELS AND TIRES

	Wheels	Tires
Standard	16-inch steel	255/70R16 A/S BSW
Optional	17-inch alloy (three styles)	255/65R17 A/S BSW
		255/65R17 A/T BSW
		LT265/65R17 A/T OWL
Optional	18-inch alloy (four styles)	265/60R18 A/S
		265/60R18 A/T
		265/60R18 A/T OWL

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DIMENSIONS (ALL MEASUREMENTS IN INCHES UNLESS OTHERWISE NOTED)

EXTERIOR

	SuperCrew® 4x2	SuperCrew 4x4	SuperCab 4x2	SuperCab 4x4
Wheelbase	126.8	126.8	126.8	126.8
Overall length	210.8	210.8	210.8	210.8
Overall width	85.8	85.8	85.8	85.8
Width with mirrors folded	77.8	77.8	77.8	77.8
Width excluding mirrors	73.3	73.3	73.3	73.3
Overall height	71.1	71.5	70.7	71.1
Track, front	61.4	61.4	61.4	61.4
Track, rear	61.4	61.4	61.4	61.4
Approach Angle	27.9°	28.7°	27.9°	28.7°
Departure Angle	25.2°	25.4°	25.2°	25.4°
Ramp Breakover Angle	22.7°	21.5°	22.7°	21.5°
Minimum Running Ground Clearance	8.4	8.9	8.4	8.9
Front Overhang	35.8	35.8	35.8	35.8
Rear Overhang	48.2	48.2	48.2	48.2
Cab-to-axle distance (pickup box delete only)			31.3	
Curb weight (lbs)	4,232	4,441	4,145	4,354

INTERIOR

Seating capacity	Five		Four	
Front headroom	39.8		39.8	
Front legroom, maximum	43.1		43.1	
Front shoulder room	56.7		56.6	
Front hip room	55.8		55.8	
Rear headroom	38.3		35.9	
Rear legroom	34.5		30.4	
Rear shoulder room	56.3		55.2	
Rear hip room	53.5		55.3	
Passenger volume (cu. ft.)	97.6		89.2	
Airbags	Dual-stage driver and right front passenger, front seat side and Safety Canopy® System			

CAPACITIES

CARGO BED AREA

	SuperCrew 4x2	SuperCrew 4x4	SuperCab 4x2	SuperCab 4x4
Length at floor (inches)	61	61	72.8	72.8
Width at wheelhouse (inches)	44.8	44.8	44.8	44.8
Maximum width inside box (inches)	61.4	61.4	61.4	61.4
Cargo capacity (cu. ft.)	43.3	43.3	51.8	51.8
Payload (lbs.)	1,770	1,560	1,860	1,650
Max towing (lbs.)	7,500	7,500	7,500	7,500

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TECHNOLOGY

Standard Ford CoPilot-360™	Lane-Keeping System, Auto High Beams, BLIS® (Blind Spot Information System) with Cross-Traffic Alert and trailer coverage, Pre-Collision Assist with Automatic Emergency Braking (AEB), and rearview camera
Off-Road*	Terrain Management System,™ Trail Control™
In-Cabin*	SYNC® SYNC® 3, Apple CarPlay™ compatibility, Android Auto™ compatibility, navigation system, FordPass Connect™ with 4G LTE Wi-Fi, SiriusXM® satellite/HD Radio,™ B&O Sound System by Bang & Olufsen
General*	Adaptive cruise control, Forward and Reverse Sensing Systems, Intelligent Access with push-button start, Remote Start System, LED headlamps, LED taillamps, SecuriCode™ keyless entry keypad, wiper-activated headlamps, windshield wiper de-icer, rain-sensing wipers, and trailer sway control

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