

2023 TRANSIT TRAIL[®]

TECHNICAL SPECIFICATIONS



BODY

Body construction/materials	Steel unibody
Body style	Cargo van, 148-inch wheelbase, Medium and High Roof long length and High Roof extended length
Final assembly location	Kansas City Assembly Plant, Kansas City, MO

DRIVETRAIN

Layout	Front engine, all-wheel drive
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ENGINES

	3.5-liter EcoBoost[®] V6
Configuration	Twin-turbocharged and intercooled V6, overhead cams
Block/head material	Aluminum block, aluminum heads
Displacement	3.5 liters (213 cubic inches)
Bore x stroke	3.64 inches x 3.41 inches
Compression ratio	10.0:1
Valvetrain	Double overhead cam, directing acting mechanical bucket, 24 valves
Ignition system	Coil on plug
Fuel delivery	Port fuel injection with direct injection
Recommended fuel	Regular unleaded
Engine control system	Electronic
Oil capacity/grade	6 quarts
Coolant capacity	14.9 quarts (14.1 liters)
SAE horsepower	310 hp @ 5,000 rpm
SAE torque	400 lb.-ft. @ 2,500 rpm

ELECTRICAL

Alternator	250 amp
Battery	Dual AGM batteries (70 amp-hr. each)

TRANSMISSION

Configuration	Electronically controlled hydraulic 10-speed automatic
Gear ratios	
1st	4.695:1
2nd	2.985:1
3rd	2.146:1
4th	1.769:1
5th	1.520:1
6th	1.275:1
7th	1.000:1
8th	0.854:1
9th	0.689:1
10th	0.636:1
Reverse	-4.866:1

SUSPENSION

Front configuration	Front independent MacPherson strut suspension w/stabilizer bar
Front shock absorber type	Gas-pressurized
Rear configuration	Solid rear axle, leaf springs
Rear shock absorber type	Gas-pressurized

STEERING

Type	Electric power-assisted
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BRAKES

Front type	Power anti-lock disc
Front rotor diameter (outer/inner)	12.1 inches / 6.5 inches
Front caliper configuration	2 calipers, 1.89-inch diameter
Rear type	Power anti-lock disc
Rear rotor diameter (outer/inner)	12.1 inches / 7.9 inches
Rear caliper configuration	Single caliper, 2.13-inch diameter
Rear axle total swept area	133 square inches
Parking brake type	Rear brake integrated caliper, electric parking brake switch

FUEL CAPACITY

Standard	25 gallons
Optional	31 gallons

SAFETY / CONTROL SYSTEMS

ABS/stability control	Four-wheel anti-lock brakes, AdvancTrac® with Roll Stability Control™ (RSC®), side-wind stabilization system
Airbags	Driver and passenger front airbags, driver and passenger front seat-mounted side airbags, and Safety Canopy® side curtains
Chassis safety	Tire Pressure Monitoring System (TPMS), SOS Post-Crash Alert System™

DRIVER ASSIST

Standard	Post-Collision Braking, Pre-Collision Assist with Automatic Emergency Braking (AEB), auto high-beam headlamps, Lane-Keeping System, Forward Collision Warning and Blind Spot Assist 1.0
Available	Adaptive Cruise Control – includes Adjustable Speed Limiting Device (ASLD), Enhanced Active Park Assist, Blind Spot Information System (BLIS®) with Cross-Traffic Alert and Trailer Coverage, Side Sensing System, Front and Rear Split-View Camera

WHEELS

16-inch Transit Trail black alloy

TIRES

245/75 R16 Goodyear Wrangler Workhorse all-terrain

HEADLIGHTS

Black HID headlamps with front foglamps

EXTERIOR DIMENSIONS

Length	Long	Long	Extended
Roof height	Medium	High	High
Wheelbase	147.6	147.6	147.6
Overall length	235.5	235.5	263.9
Height	105.0	113.3	114.0
Width (exc. mirrors)	87.5	87.5	87.5
Width (inc. mirrors)	97.0	97.0	97.0
Front track	71.0	71.0	71.0
Rear track	71.4	71.4	71.4
Front overhang	41.0	41.0	41.0
Rear overhang	47.6	47.6	77.0
Approach angle (degrees)	19.5	19.5	19.5
Departure angle (degrees)	25.3	25.3	15.6
Ramp angle (degrees)	19.3	19.3	19.3
Load height (curb)	31.9	31.9	31.9
Side cargo door opening height	63.0	63.0	63.0
Side cargo door opening width (sliding)	51.3	51.3	51.3
Rear cargo door opening height	64.9	74.3	74.3
Rear cargo door opening width	61.5	61.5	61.5
Minimum ground clearance	6.7	6.7	6.7

INTERIOR DIMENSIONS

(Inches unless otherwise noted)

Length	Long	Long	Extended
Roof height	Medium	High	High
First row headroom	52.0	56.6	56.6
First row legroom (max.)	41.3	41.3	41.3
First row hip room	60.7	60.7	60.7
First row shoulder room	67.9	67.9	67.9
Cargo length front (at floor)	143.7	143.7	172.2
Cargo length front (at belt)	133.6	133.6	162.0
Cargo length between wheelhouse	54.8	54.8	54.8
Cargo height max.	72.0	81.5	81.5

BASE CURB WEIGHT

(Pounds)

Length	Long	Long	Extended
Roof height	Medium	High	High
	5,797	5,886	6,094

CAPACITIES

Length	Long	Long	Extended
Roof height	Medium	High	High
Seating	2	2	2
Cargo volume behind first row (cu. ft.)	357.1	404.3	487.3

MAXIMUM PAYLOAD CAPABILITIES

Length	Long	Long	Extended
Roof height	Medium	High	High
	3,703 lbs.	3,614 lbs.	3,406 lbs.

MAXIMUM TOWING CAPABILITIES

Length	Long	Long	Extended
Roof height	Medium	High	High
	6,500 lbs.	6,400 lbs.	6,200 lbs.

WARRANTY

Bumper to bumper	3 years/36,000 miles
Powertrain	5 years/60,000 miles
Safety restraint system	5 years/60,000 miles
Corrosion (perforation only)	5 years/unlimited miles
Roadside Assistance Program	5 years/60,000 miles