

2027 Subaru Solterra

Premium, Limited, Limited XT, Touring XT

Specifications and Equipment

What's New?

- SubaruConnect: Safety Connect, Remote Connect, Safety Connect (5-year free trial/subscription required after)
- Black and blue leather-appointed upholstery standard on Touring XT trim levels



Vehicle Highlights

- Standard Symmetrical All-Wheel Drive
- 8.3-inch ground clearance
- Built on e-SUBARU Global Platform
- EPA-estimated EV range of 288 miles for Premium, 278 miles for Limited, Limited XT, and Touring XT

Drivetrain	
Drivetrain	All-electric drivetrain with front and rear AC synchronous permanent magnet motors, integral transaxles and power inverters.
Output	87kW (x2) / 233 hp (Solterra) 167 kW + 87 kW / 338 hp (Solterra XT)
Battery Pack	Lithium-ion: 104 cells, 74.7 kWh Rated voltage: 391V Rated capacity: 191 Ah Battery conditioning system
Charging	NACS charge inlet on right fender <u>Approximate charge times:</u> DC fast charging: 10% to 80% charge as quickly as 28 minutes
EPA MPGe (city/hwy/combined)	131/109/120 - Premium 128/105/117 - Limited/Limited XT/Touring XT
EPA-Estimated Range	288 miles (Premium) 278 miles (Limited, Limited XT, Touring XT)
Transmission	Single-ratio reduction transaxles Ratio: 13.8:1
AWD System	Symmetrical All-Wheel Drive: Electronic Power-Controlled Variable Power Distribution via independent front and rear electric motors Drive Mode Select with Eco, Sport, and Normal Settings

	X-MODE® with Snow / Dirt and Deep Snow / Mud modes <ul style="list-style-type: none"> • Grip Control • Downhill Assist Control • Hill-Start Assist
Stability/Traction System	Vehicle Dynamics Control (VDC) with all-wheel, all-speed traction control (TRAC); Active Cornering Assist

Chassis and Body

Suspension	Subaru e-Global Platform, unitized body construction 4-wheel independent	
Suspension – Front	MacPherson-type struts with internal rebound springs, lower L-arms, coil springs, stabilizer bar	
Suspension – Rear	Double wishbone; coil springs; dampers with internal rebound springs; steel lower arms with aerodynamic covers; stabilizer bar	
Steering Type	Quick-ratio electric power-assisted rack-and-pinion	
Steering Ratio	14.2:1	
Turns, Lock-to-Lock	2.8	
Turning Circle Diameter (Curb-To-Curb)	36.7 ft.	
Brake Type	Electronic Controlled Power-Assisted Braking 4-wheel disc 4-channel / 4-sensor ABS, Brake Assist and Brake Override systems Regenerative Braking System with 4 driver-controlled modes via steering wheel paddle switches	
Brakes – Front	Front: 12.9-in., ventilated with dual-piston calipers	
Brakes – Rear	Rear: 12.5-in. ventilated with single-piston calipers	
Wheels	Trim	Specification
	Premium	18 x 7.5 in. aluminum alloy, aerodynamic wheel cover
	Limited, Limited XT, Touring XT	20 x 7.5 in. aluminum alloy, machine finish with gray spoke inserts
Tires	Trim	Specification
	Premium	235/60 R18 103V all-season
	Limited, Limited XT, Touring XT	235/50 R20 100V all-season

Interior Dimensions

Headroom	38.8 in. / 38.0 in. without moonroof 38.6 in. / 37.1 in. with moonroof
Legroom	42.1 in. / 35.3 in.
Shoulder Room	58.0 in. / 55.0 in.
Hip Room	54.4 in. / 44.8 in.
EPA Cargo Volume	23.8 cu. ft. (rear seatbacks up) 63.5 cu. ft. (rear seatbacks down)
EPA Passenger Volume	97.5 cu. ft. without moonroof 96.2 cu. ft. with moonroof
Rear Cargo Opening Width	41.3 in.
Max. Cargo Length	Rear seatbacks up: 38.8 in.
Cargo Area Height	29.8 in. (luggage compartment deck board upper position)
Cargo Liftover Height	28 in.

Exterior Dimensions

Wheelbase	112.2 in.
Overall Length	184.6 in.
Overall Width	73.2 in.
Overall Height	65.0 in.
Track (Front/Rear)	63.0 in. / 63.4 in.
Min. Ground Clearance	8.3 in.

Exterior Features by Trim Level

(S=Standard; O=Optional; - =Not Available)	Premium	Limited/Limited XT	Touring XT
Roof-Mounted Dual-Spoiler w/Aerodynamic Fins	S	S	S
Two-Tone Paint	-	-	O
Power Rear Door w/Kick Sensor	-	S	S
Power-folding Exterior Mirrors w/Integrated Turn Signals, Passenger Side Auto Tilt, and Two-Position Memory	-	S	S
Heated Exterior Mirrors	S	S	S
Rear Door Ducktail Spoiler: Astro Black Finish	S	S	S
Power Rear Door w/Automatic Close and Height Memory	-	S	S
Power Door Locks, Exterior Mirrors, Charge Port Door	S	S	S
Integrated Body Color Trunk Spoiler	S	S	S
LED Low- and High-Beam Headlights w/Automatic High Beam	S	S	S
LED Daytime Running Lights	S	S	S
Illuminated Inner Door Handles	S	S	S
Sound-Insulating Windshield and Front Door Glass	S	S	S
Lower Body Fenders	S	S	S
Aerodynamic Rear Undercover, Front Undercover Insulator, High Voltage Battery Aluminum Undercover	S	S	S
Low-Profile Roof Rails	S	S	S
Roof-Mounted Dual-Spoiler w/Aerodynamic Fins	-	S	S
Vehicle Charge Port, Right-Front Fender	S	S	S

Interior Features by Trim Level			
(S=Standard; O=Optional; - =Not Available)	Premium	Limited/Limited XT	Touring XT
Keyless Entry	S	S	S
Electronic Parking Brake	S	S	S
Heated Front Seats	S	S	S
LATCH System (3)	S	S	S
Leather-Wrapped Steering Wheel w/Infotainment, Driver-Assist Control, Paddle Shift Switches	S	S	S
Rain-sensing Intermittent Windshield Wiper System: Voice Activated	S	S	s
Windshield Wiper De-Icer	S	S	S
Tire Pressure Monitoring System w/Pressure Display	S	S	S
Turn Signals w/One-Touch Lane Changer	S	S	S
Shift-by-Wire Rotary Shift Knob	S	S	S
7-inch LCD Electronic Combination Meter	S	S	S
60/40 Split-Folding Rear Seatback	S	S	S
Steering Wheel-Mounted Paddle Shifters with 5 Regen Settings	S	S	S
10-Way Power Driver's Seat w/2-Way Power Lumbar Support and Two-Position Memory	S	S	S
10-Way Power Driver's Seat: Voice Activated	-	S	S
Dual-Zone Automatic Climate Control: Voice Activated	S	S	S
Auto Anti-Glare Rear-View Mirror w/Homelink®	S	-	-
Upholstery: Black StarTex®	S	S	-
Welcome Lighting	S	S	S
Footwell Lighting: Front Seat Positions	-	S	S
Heated Rear Seats	-	S	S
360-degree Heated Steering Wheel	-	S	S
Panoramic View Monitor w/Multi-Terrain Monitor	-	S	S
Upholstery: Leather	-	-	S
Retractable Luggage Cover	-	-	S
Radiant Leg Warmers: Driver and Passenger	-	-	S
Panoramic Moonroof w/Power Sunshade	-	-	S
LED Footwell Lighting: Front and Rear Seat Positions	-	-	S

Ventilated Front Seats	-	-	S
Digital Rear-view Mirror w/Homelink®	-	-	S

Safety & Driver Assist Features by Trim Level

(S=Standard; O=Optional; - =Not Available)	Premium	Limited/Limited XT	Touring XT
EyeSight® driver assist technologies	S	S	S
Emergency Steering Assist	S	S	S
Emergency Driving Stop Assist	S	S	S
Collision Avoidance Assist w/Automatic Steering	S	S	S
Intersection Collision Avoidance Support	S	S	S
Pre-Collision Braking w/Acceleration Suppression	S	S	S
Traffic Jam Assist (3-month Free Trial / Subscription Required After)	O	O	O
Lane Change Assist	S	S	S
Front Cross-Traffic Alert	S	S	S
DriverFocus	S	S	S
Dynamic Radar Cruise Control w/Road Sign Assist and Lane Tracing	S	S	S
Subaru Parking Assist	S	S	S
Subaru Parking Assist Rear Camera w/Washer	S	S	S
Rear Camera Detection w/Pedestrian Warning	S	S	S
Blind Spot Monitor	S	S	S
Electric Power-Assisted Steering (EPAS): Adaptive	S	S	S
Safe Exit Assist w/Audible Warning	S	S	S
Impact Detection Door Lock Release and Interior Illumination System	S	S	S
Rear Seat Reminder	S	S	S
Parking Brake Support System w/Rear Cross-Traffic Alert and Pedestrian Detection	S	S	S
Advanced Park: Driver Parking Assistance	-	S	S

Multimedia & Connected Services by Trim Level

(S=Standard; O=Opt-In; - =Not Available)	Premium	Limited/Limited XT	Touring XT
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14-inch Multimedia System w/Touchscreen	S	S	S
SubaruConnect Remote Connect (5-year Free Trial / Subscription Required After): Guest Driver, Vehicle Status, Last Parked Location, Remote Unlock/Lock, Remote Start, Climate Control Settings, Charge Management, Charging Station Locator, PnC	O	O	O
SubaruConnect Remote Connect (5-year Free Trial / Subscription Required After): Digital Key	-	O	O
My Room Mode: Vehicle Accessory Operation Via External Power Source While Charging	S	S	S
SubaruConnect Service Connect (5-year Free Trial / Subscription Required After): Vehicle Maintenance Notification	O	O	O
AM/FM Stereo HD Radio®	S	S	S
Bluetooth® Audio Streaming, Hands-Free Connectivity, SMS Text Messaging Connectivity	S	S	S
6-Speaker System	S	-	-
Wireless Android Auto™	S	S	S
Wireless Apple CarPlay®	S	S	S
SubaruConnect Drive Connect (3-month Free Trial / Subscription Required After): Cloud-based Navigation, Destination Assist, Intelligent Assistant	O	O	O
Dual 15W Wireless Smartphone Chargers	S	S	S
12-Volt Power Outlet	S	S	S
120-Volt AC Power Outlet in Cargo Area (1500W MAX)	-	S	S
SiriusXM (4-Month Free Trial / Subscription Required After)	O	O	O
SubaruConnect Safety Connect (5-Year Free Trial / Subscription Required After): Automatic Collision Notification, Emergency Assistance: Red SOS Button, Enhanced Roadside Assistance, Stolen Vehicle Locator	O	O	O
SubaruConnect Wi-Fi Connect (30-day free trial or up to 3GB / Subscription Required After): Integrated Streaming, Wi-Fi HotSpot	O	O	O
Dual USB-C Charge Ports – Front Center Console	S	S	S
Dual USB-C Charge Ports – Rear Center Console	S	S	S
Harman Kardon® Premium 11-Speaker System	-	S	S

Available Exterior Colors

- Astro Black Mica
- Elemental Red Pearl
- Cosmic White Pearl (two-tone available)
- Smoked Carbon (two-tone available)
- Midnight Tide Mica (two-tone available)
- Harbor Mist Grey Pearl (two-tone available)

Limited Warranty Coverage

New Vehicle Limited Warranty

- 1-year / unlimited mileage Replacement Parts Limited Warranty
- 3-year / 36,000-mile New Vehicle Limited Warranty
- 5-year / unlimited mileage Rust Perforation Limited Warranty
- 5-year / 60,000-mile Advanced Driver Assist System Limited Warranty
- 5-year / 60,000-mile Powertrain Limited Warranty
- 8-year / 100,000-mile High Voltage Battery Warranty
- 8-year / 100,000-mile Battery and Electric Drive Unit Limited Warranty

Final production specifications may change. Please check Subaru.com or vehicle owner's manual for latest information.

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