



# 2024 Grand Highlander

## Product Information

Updated: May 30

#Toyota #GrandHighlander

ENGINE	
Type, Materials	<p><b>Gas:</b> 2.4-litre 4-cylinder Turbo</p> <p><b>Hybrid:</b> 2.5-litre 4-Cylinder Hybrid</p> <p><b>Hybrid MAX:</b> 2.4-litre 4-cylinder Turbo Hybrid MAX</p>
Valve train	<p><b>Gas:</b> 16-valve D-4S injection engine with Dual Variable Valve Timing with intelligence (VVT-i) and Stop and Start Engine System</p> <p><b>Hybrid:</b> 16-valves (four-valve/cylinder)</p> <p><b>Hybrid MAX:</b> 16-valves (four-valve/cylinder), Dual Overhead Camshafts (DOHC) with Dual VVT-i</p>
Displacement	<p><b>Gas:</b> 2,393 cm<sup>3</sup></p> <p><b>Hybrid:</b> 2,487 cm<sup>3</sup></p> <p><b>Hybrid MAX:</b> 2,393 cm<sup>3</sup></p>
Bore x Stroke	<p><b>Gas:</b> 94.0 x 83.0 (mm)</p> <p><b>Hybrid:</b> 87.5 x 103.4 (mm)</p> <p><b>Hybrid MAX:</b> 94.0 x 83.0 (mm)</p>
Compression Ratio	<p><b>Gas:</b> 11.0:1</p> <p><b>Hybrid:</b> 14:1</p> <p><b>Hybrid MAX:</b> 11.0:1</p>
Horsepower (gas engine)	<p><b>Gas:</b> 265 hp @ 6,000 rpm</p> <p><b>Hybrid:</b> 187 hp @ 6,000 rpm</p> <p><b>Hybrid MAX:</b> 265 hp @ 6,000 rpm</p>
Torque (gas engine)	<p><b>Gas:</b> 310 lb.-ft. @ 1,700-3,600 RPM</p> <p><b>Hybrid:</b> 177 lb.-ft @ 4,300-4,500 rpm</p> <p><b>Hybrid MAX:</b> 332 lb.-ft. @ 2,000- 3,000 RPM</p>
Ignition System	Toyota Direct Ignition (TDI)
Fuel System	D-4S
Recommended Fuel	87-octane unleaded or higher
Emission Certification	SULEV 30
Estimated Fuel Consumption* (city/highway/combined)	<p>Gas XLE AWD: 11.2 / 8.6 / 10.0 L/100 km</p> <p>Gas Limited AWD: 11.6 / 9.0 / 10.7 L/100 km</p> <p>Hybrid XLE AWD: 6.6 / 7.4 / 7.0 L/100 km</p>



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Hybrid Limited AWD: 6.6 / 7.4 / 7.0 L/100 km Hybrid MAX Platinum AWD: 9.0 / 8.6 / 8.8 L/100 km
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*\*Estimated fuel consumption - Actual figures will vary. To be confirmed.*

ELECTRIC MOTOR	
Hybrid System Net Horsepower	245 combined net hp
Hybrid MAX Net Horsepower	362 combined net hp
Type	Permanent Magnet Synchronous
BATTERY PACK	
Type	NiMH
Capacity [3hr] (Ahr)	Hybrid: 5.0 Ah Hybrid MAX: 5.0 Ah
Nominal Voltage	Hybrid: 259 V Hybrid MAX: 288 V
System Voltage	Hybrid: 650 V Hybrid MAX: 288 V
DRIVETRAIN	
Layout	Gas: Dynamic Torque Control All-Wheel Drive (AWD) Hybrid: Electronic On-Demand All-Wheel Drive (AWD) Hybrid MAX: Full-time Electronic All-Wheel Drive (AWD)
Transmission Type	Gas: Direct Shift 8-speed Electronically Controlled Automatic Transmission Hybrid: Electronically controlled Continuously Variable Transmission (ECVT) Hybrid MAX: Direct Shift 6 speed Automatic Transmission
Gear Ratios (8AT)	1st - 5.519 2nd - 3.184 3rd - 2.050 4th - 1.491 5th - 1.234



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	6th – 1.000 7th – 0.800 8th – 0.673 Reverse – 4.220
Gear Ratios (6-speed)	1st- 4.474 2nd – 2.517 3rd – 1.560 4th – 1.143 5th – 0.850 6th – 0.671 Reverse – 3.196

CHASSIS AND BODY	
Suspension	- Front Independent MacPherson strut suspension with stabilizer bar - Rear AWD: Multi-link suspension with stabilizer bar
Stabilizer bar Diameter	Front: 27.5 mm (gas) or 28.6 mm (HV) Rear: 19 mm (gas) or 16 mm (HV)
Steering Type	Electric Power Steering (EPS); electric power-assisted rack-and-pinion
- Turns (lock-to-lock)	2.9
- Turning Circle (curb-to-curb)	5.8 m
Brakes	- Front Type <b>Ventilated disc</b> - Front Diameter 13.38 in. - Rear Type <b>Ventilated disc</b> - Rear Diameter 13.3 in.
↳ Parking	Electronic Parking Brake
Anti-lock Brake System (ABS)	Standard
Wheels and Tires	XLE: 18" Aluminum Wheel with all season tires Limited" 20" Aluminum wheel with all season tires Platinum" 20" Aluminum wheel with all season tires
Spare Tire/Wheel	Temporary



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EXTERIOR DIMENSIONS	
Wheelbase	116.1 in.
Overall Length	201.4 in.
Overall Width	78.3 in. (w/o mirrors)
Overall Height (with antenna)	70.1 in.
Ground Clearance	8.0 in.

INTERIOR DIMENSIONS	
Seating Capacity	7 or 8
Headroom w/ panoramic moonroof	
-Front	40 in.
-Second	38.5 in.
-Third	37.2 in.
Headroom w/out panoramic moonroof	
-Front	41.5 in.
-Second	40.2 in.
-Third	37.2 in.
Legroom	
- Front	41.7 in.
- Second	39.5 in.
- Third	33.5 in.
Shoulder Room	
- Front	60.2 in.
- Second	58.8 in.
- Third	57.5 in.
Hip Room	
- Front	56.5 in.
- Second	57.0 in.



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- Third	45.7 in.
Cargo Volume	
- Behind front seats	97.5 cu. ft.
- Behind second row seats	57.9 cu. ft.
-All seats up	20.6 cu. ft.
EPA Passenger Volume	149.0 cu. ft. (Panoramic Moonroof) 153.3 cu. ft. (Normal roof)
EPA Class	Midsized SUV

WEIGHTS AND CAPACITIES	
Curb Weight (FWD/AWD)	XLE AWD: 4,455 lbs. Limited AWD: 4,575 lbs. XLE Hybrid AWD: 4,575 lbs. Limited Hybrid AWD: 4,710 lbs. Platinum Hybrid MAX AWD: 4,920 lb
GVWR (FWD/AWD)	XLE/Limited AWD: 6,030 lbs. XLE Hybrid AWD: 6,085 lbs. Limited Hybrid AWD: 6,125 lbs. Platinum Hybrid MAX AWD: 6,340 lbs.
Max Towing Capacity	Hybrid: 3,500 lbs. Gas/Hybrid MAX: 5,000 lbs.
Maximum Tongue Weight (10% of Tow Rating) (AWD)	Hybrid: 350 lbs Gas/Hybrid MAX: 500 lbs
Fuel Capacity	65 L (Hybrid/Hybrid MAX) / 67.5 L (Gas)
Engine Oil	SAE 0W-16; 4.5 L with oil filter change

AVAILABLE EXTERIOR COLOURS
<ul style="list-style-type: none"><li>• Storm Cloud</li><li>• Wind Chill Pearl*</li><li>• Ruby Flare pearl</li><li>• Midnight Black Metallic</li><li>• Blueprint</li><li>• Coastal Cream</li><li>• Celestial Silver Metallic</li></ul>



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## BASIC LIMITED WARRANTY COVERAGE

- 3-year/60,000km Basic
- 5-year/100,000km Powertrain
- 8-year/160,000km Hybrid-Related Component Coverage
- 10-year/240,000km Hybrid Battery

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