

Highlander | 09





09 Highlander

To create sophistication and comfort, everything needs to count. The placement of a dial, the texture of a surface, the ease of a feature. It's where design and technology perfectly comes together to create a vehicle that has the performance, versatility and safety you need. That's how we make things better with the 2009 Highlander. And with two Highlander Hybrid models available, you get the same level of style and refinements with the added benefit of lower emissions.[†] Inside and out, the 2009 Highlander defies convention.



FRONT COVER

Highlander 4WD V6 Limited shown in Classic Silver Metallic.

A Highlander 4WD V6 Sport shown in Magnetic Grey Metallic.

B Highlander 4WD V6 Limited shown in Classic Silver Metallic.



Highlander 4WD V6

The Highlander's interior is a precisely designed environment, innovatively arranged to create a space that gives you and your passengers maximum versatility and comfort. The flexible 7-passenger seating can be configured a number of ways to suit your daily needs. The innovative stadium seating featured in every Highlander has been designed so that each row rises higher to enhance the sense of space for those riding in the third-row. And with wide seat cushions and tall seatbacks, every drive will be a soothing and relaxing experience.



KEY FEATURES • 270 hp, 3.5-litre, V6, DOHC, 24-valve, Dual VVT-i engine with sequential multiport electronic fuel injection. • Power-assisted, ventilated front disc, solid rear disc brakes, Antilock Braking System (ABS) with Electronic Brake-force Distribution (EBD), Brake Assist (BA). • Vehicle Stability Control (VSC), Hill-start Assist Control (HAC), Downhill Assist Control (DAC), Traction Control (TRAC). • AM/FM CD/MP3/WMA 6-disc changer, 6-speakers, audio auxiliary input jack, steering wheel audio controls, diversity antenna, glass imprinted antenna. • Power rear door with jam protection. • Power adjustable 8-way driver's seat. • 40/20/40 split middle seat with foldable armrest. • 3rd row flat folding bench-seat. • Backup camera with 3.5-inch LCD display. • Electric rear window defroster with timer. • 17-inch aluminum alloy wheels.

A Highlander 4WD V6 shown in Sandy Beach Metallic. **B** The available second-row-seat one-touch fold-flat levers make it easy to configure the Highlander 4WD V6 for cargo-carrying duty. Open the back door, pull the levers located in the cargo area and the second-row seats fold flat on their own. **C** The backup camera augments large side view mirrors by displaying what it sees behind you on the dash-mounted multi-information display. **D** 4WD V6 interior shown with optional Ash leather.

A



Highlander 4WD V6 Sport

Highlander 4WD V6 Sport makes a strong design statement from every angle with sporty features including a sleek rear spoiler, 19-inch aluminum alloy wheels and sport-tuned suspension. Feel the performance of the 3.5-litre 270-hp V6 engine and full-time 4WD system, while enjoying the power tilt/slide moonroof with sunshade and heated driver and front passenger captain seats.

A 4WD V6 Sport shown in Magnetic Grey Metallic.
B 4WD V6 Sport interior shown in Black leather with accessory DVD navigation⁶ and rear seat DVD entertainment system.



B

KEY FEATURES • 270 hp, 3.5-litre, V6, DOHC, 24-valve, Dual VVT-i engine with sequential multiport electronic fuel injection. • Sport-tuned suspension. • Antilock Braking System (ABS) with Electronic Brake-force Distribution (EBD), Brake Assist (BA). • 5-speed, automatic, Electronically Controlled Transmission (ECT), overdrive, sequential shift mode, gate-type shifter, lock-up torque converter. • Vehicle Stability Control (VSC), Hill-start Assist Control (HAC), Downhill Assist Control (DAC), Traction Control (TRAC). • AM/FM CD/MP3/WMA 6-disc changer, 6-speakers, audio auxiliary input jack. • Tri-zone automatic climate control. • Seven airbags including a driver's knee airbag (SRS).¹ • Leather seat surfaces and simulated leather door trim. • Silver accented interior trim. • Power rear door with jam protection. • Sport badging. • 19-inch aluminum alloy wheels.



A

Highlander 4WD V6 Limited

The sumptuous leather interior of the Highlander 4WD V6 Limited is designed to enhance your driving experience. Everything that surrounds you, from the elegantly illuminated instrumentation, to subtle tones and textures of the surface materials are a delight to your senses. Settle into the deeply contoured driver or front passenger seats and take note of its size and comfort. The 4-spoke tilt/telescopic steering wheel that comes with conveniently mounted audio and climate controls and hands-free functions for 3-compatible Bluetooth®5 cell phones.

- A** 4WD V6 Limited shown in Classic Silver Metallic.
- B** 4WD V6 Limited interior shown in Ash leather with available voice-activated DVD navigation system⁶, and JBL® AM/FM 4-disc in-dash CD changer with hands-free phone capability via Bluetooth®5 technology.
- C** The ingenious Center Stow™ allows you to comfortably seat up to seven passengers. The 2nd row bucket seats transform into a bench-seat with room for an additional passenger.
- D** Push Button Start, Smart Key System.



B



C



D

KEY FEATURES • 270 hp, 3.5-litre, V6, DOHC, 24-valve, Dual VVT-i engine with sequential multiport electronic fuel injection. • Power-assisted, ventilated front disc, solid rear disc brakes, Antilock Braking System (ABS) with Electronic Brake-force Distribution (EBD), Brake Assist (BA). • Full time 4WD, Vehicle Stability Control (VSC), Hill-start Assist Control (HAC), Downhill Assist Control (DAC), Traction Control (TRAC). • JBL® AM/FM CD/MP3/WMA 6-disc changer, 9-speakers, audio auxiliary input jack, steering wheel audio controls. • Tri-zone automatic climate controls, rear-seat heater ducts. • Leather seat surfaces and simulated leather door trim. • Woodgrain trim, chrome inner door handles and interior trim. • Power rear door with jam protection. • Push Button Start, Smart Key System. • Vehicle anti-theft system. • 19-inch aluminum alloy wheels.



A

Highlander Hybrid

Available in 2 unique models, Highlander Hybrid is powered by Toyota's revolutionary Hybrid Synergy Drive technology. With excellent fuel economy and a 7.4/8.0 city/highway L/100km rating, you get more kilometres on less fuel and fewer trips to the pump.



TOYOTA'S HYBRID SYNERGY DRIVE combines driving pleasure with lower emissions. Toyota Hybrids produce up to 70% fewer smog-forming emissions than typical new conventional vehicles¹ and offers economy and energy efficiency by combining gas and electric power. Toyota's Hybrid Synergy Drive automatically determines the vehicle's proper power distribution to ensure strong acceleration, a smooth response and top fuel economy.



B



C



D

KEY FEATURES • 270 hp hybrid system net power. • 208 hp, 3.3-litre, V6, DOHC, 24-valve, VVT-i, Hybrid Synergy Drive (HSD) (gas engine only). • Vehicle Dynamics Integrated Management (VDIM), on demand electronic 4WD-i. • Sealed Nickel-Metal hydride HV battery. • Electronically Continuously Variable Transmission (ECVT). • Integrated regenerative braking system, Electronically Controlled hydraulic Braking system (ECB2). • Available power 8-way driver's seat. • 40/20/40 split rear seat. • Toyota Center Stow™ seat and console. • Backup camera with 3.5-inch LCD display. • Push Button Start, Smart Key System.

A Hybrid 4WD-i Limited shown in Iced Amethyst Mica. **B** The Kilowatt Power Meter shows you which mode you're driving in. **C** In ECON MODE, the engine throttle response is modulated automatically to help reduce fuel consumption. Intended for low-speed situations when in a closed structure, the EV MODE runs exclusively on its electric motor. **D** Hybrid Synergy Drive information display

STARTING From initial "light" or "moderate" acceleration to low speeds, Highlander Hybrid is powered solely by a high-torque electric motor.^A

NORMAL RUNNING In normal driving conditions, the gasoline engine will start to supplement the electric power to the wheels and also charge the battery when needed.

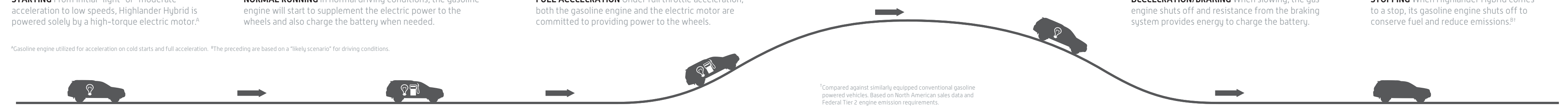
FULL ACCELERATION Under full throttle acceleration, both the gasoline engine and the electric motor are committed to providing power to the wheels.

DECELERATION/BRAKING When slowing, the gas engine shuts off and resistance from the braking system provides energy to charge the battery.

STOPPING When Highlander Hybrid comes to a stop, its gasoline engine shuts off to conserve fuel and reduce emissions.^{B†}

^AGasoline engine utilized for acceleration on cold starts and full acceleration. ^BThe preceding are based on a "likely scenario" for driving conditions.

[†]Compared against similarly equipped conventional gasoline powered vehicles. Based on North American sales data and Federal Tier 2 engine emission requirements.





Safety and Performance

The 2009 Highlander comes with one of the most comprehensive lists of standard safety features in its class, including seven airbags, advanced traction, braking and stability control technologies to help you avoid an accident. And with its 3.5-litre 270-hp V6 engine and full-time 4WD system, Highlander has the quick responsive performance and sure-footed traction you need for all your travels.

SEVEN AIRBAGS¹ **A.** Highlander's passive safety systems include advanced Supplemental Restraint System (SRS) front airbags for the driver and front passenger seats. **B.** SRS front seat-mounted side airbags also provide protection to the driver and front-seat passenger in the event of certain types of side-impact collisions. **C.** Driver knee-airbag. **D.** Roll-Sensing Curtain Airbags (RSCA) help provide protection for every seat row not only in a side collision, but in the event of a vehicle rollover. **E.** The front seats also incorporate active headrests. The occupant's lower back applies pressure that moves the headrest up and forward in the event of a severe rear-end collision.

A 4WD V6 Sport shown in Blue Streak Metallic.

TRACTION CONTROL (TRAC) A system that uses Highlander's advanced braking technologies to help control wheel spin when starting or accelerating on a slippery surface.

VEHICLE STABILITY CONTROL (VSC) helps prevent the vehicle from slipping sideways as a result of severe skidding while cornering and improves stability by automatically regulating engine output and brake-force distribution to the wheels.

ENHANCED VSC supplements conventional ABS with assist torque for the **ELECTRIC POWER STEERING (EPS)**. When you brake in a straight line on a road surface with different left-right traction characteristics (asphalt with grip under the left-side tires, slippery snow under the right), enhanced VSC works with EPS to automatically respond to differences in the left-right brake-force.

ELECTRONIC BRAKE-FORCE DISTRIBUTION (EBD) distributes brake-force between the left and right wheels to help maintain vehicle control during cornering.

BRAKE ASSIST aids drivers during panic braking. If the brake pedal is suddenly and rapidly depressed, the system detects this and Brake Assist helps the driver by generating a greater brake-force.

HILL-START ASSIST CONTROL (HAC) Starting off on a steep or slippery incline can be tricky. HAC helps to ensure smooth hill starts by applying brake pressure to all four wheels for approximately two seconds in order to hold Highlander and prevent rollback.

DOWNHILL ASSIST CONTROL (DAC) Controlling a vehicle during a steep descent can also be a challenge. DAC helps the driver negotiate steep, low-speed descents confidently by automatically controlling the brake-force at all four wheels. DAC helps reduce wheel lock-up, thus ensuring steering performance and enhancing the driver's ability to avoid obstacles and change direction.

SNOW-COVERED ROAD? Simply press a button and the transmission automatically adjusts to help make driving on slippery surfaces more secure and when you accelerate from a standstill, it will start in second gear to help prevent the drive wheels from spinning.

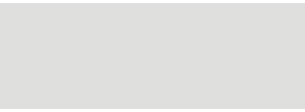


2009 Colour:

070 Blizzard Pearl^{A,B,D,E}



1F7 Classic Silver Metallic^{A,B,E}



1G3 Magnetic Grey Metallic^{A,B,E}



202 Black^{A,B,D,E}



3Q3 Salsa Red Pearl^{C,D,E}



4T8 Sandy Beach Metallic^{C,D,E}



6T7 Cypress Pearl^{A,B,D}



8S7 Wave Line Pearl^{A,B}



8T7 Blue Streak Metallic^E



9AG Iced Amethyst Mica^{A,B}



^A Ash Fabric.
^B Ash Leather.

^C Sand Beige Fabric.
^D Sand Beige Leather.
^E Black Leather.

Please see your Toyota Dealer for details.

Dress it up. Drive it out.

Express yourself. Optimize your vehicle's appearance and enhance its performance by adding the Toyota Accessories custom designed for your model. You can rest assured knowing that every Toyota Dealer is ready to answer questions, help select Toyota Accessory Parts, and keep your vehicle in top shape. Many of Toyota's Accessory Parts can be residualized or advanced through Toyota Financial Services (TFS) when purchased at the time of a new vehicle sale, and all are backed by a Toyota Warranty. For more information, please visit customizeyourtoyota.ca, your local Dealer or toyota.ca.

Enhance the look and functionality of your new Highlander by choosing from the following list of Accessories:

- | | |
|--------------------------------|------------------------|
| 2" Swing Away Bike Adapter | Remote Engine Starter |
| 10.2" iPod™ Ready DVD | Roof Rack Bike Adapter |
| All-Season Mats | Roof Rack Ski Adapter |
| Ashtray | Satellite Radio |
| Auto-Dimming Mirror w/Compass | Side Step Bars |
| Block Heater | Side Window Visors |
| Cargo Box | Towing Accessories |
| Cargo Liner | Tray Type Floor Mats |
| Cargo Net | |
| Emergency Assistance Kit | |
| First Aid Kit | |
| Hood Deflector | |
| Licence Plate Cover | |
| Navigation System ⁶ | |
| Park Assist | |



Cargo Net



10.2" iPod™ Ready DVD



Side Window Visors



Side Step Bars



Hood Deflector



Roof Rack Ski Adapter



2" Swing Away Bike Adapter



Navigation System⁶



ACCESSORIES SHOWN Highlander all dressed up with Roof Rack Ski Adapter, Side Step Bars, Side Window Visors and 2" Swing Away Bike Adapter.

[™]iPod is a registered trademark of Apple Computer Inc.

NEW VEHICLE WARRANTY SUMMARY NO DEDUCTIBLES – NO TRANSFER FEES

COMPREHENSIVE COVERAGE – 3 YEARS OR 60,000 KM This warranty includes 24 hour Roadside Assistance and other benefits, as well as coverage of repairs on any part of the vehicle that is defective in material or workmanship under normal use and maintenance. Different warranties apply to original tires.

POWERTRAIN COMPONENTS – 5 YEARS OR 100,000 KM This warranty covers repairs to powertrain components that are defective in material or workmanship under normal use and maintenance.

MAJOR EMISSION CONTROL COMPONENTS – 8 YEARS OR 130,000 KM This warranty covers repairs to specified major emission components that are defective in material or workmanship under normal use and maintenance.

CORROSION PERFORATION – 5 YEARS UNLIMITED DISTANCE Any sheet metal found, under normal use, to have developed a perforation from corrosion due to defects in material or workmanship.

HYBRID-RELATED COMPONENTS – 8 YEARS OR 160,000 KM** This warranty covers repairs to hybrid-related components that are defective in material or workmanship under normal use and maintenance.

**Includes: HV Battery, Battery Control Module, Hybrid Control Module and Inverter with Converter.

DISCOVER MORE WITH TOYOTA



With Extra Care Protection you receive inflation protected coverage from mechanical failures, road emergencies, and much more. It's affordable peace of mind. Consult your Toyota Dealer for details.



Toyota Dealers are dedicated to making the experience of owning a Toyota both satisfying and rewarding. We service your Toyota the way we built it. So you can count on quality parts and professional service.



If you're looking at leasing or financing, we're here to help. We provide competitive interest rates, flexible terms, and an easy online pre-approval process. The toughest decision should be choosing which Toyota you want. Visit us at www.toyotafinancialservices.ca.



Fewer emissions and pollutants! More kilometres on less fuel. And power and performance second to none. Available in Prius, Camry and Highlander, these latest generation Toyota hybrids offer you the best of all worlds.



All new Toyota cars and trucks include a full tank of gas, roadside assistance and floor mats.



The Toyota Mobility program is dedicated to addressing the transportation needs of Toyota Owners who have a disability, or know a family member with a disability or mobility issue. The program offers cash assistance, resource information and financing for adaptive equipment for their vehicle.



Enhance your Toyota ownership experience by joining Club Toyota – a complimentary and exclusive online service for Toyota owners. Benefit from an abundance of interactive, convenient services, and information conveniently at your fingertips. Register today at clubtoyota.ca.

¹Compared against similarly equipped conventional gasoline powered vehicles. Based on North American sales data and Federal Tier 2 engine emission requirements.

Toyota Canada in the Community.

Toyota has a long-standing commitment to the environment both globally and in Canada. This is defined in the Toyota Earth Charter to "Always be concerned about the environment" even as we "Contribute toward a prosperous 21st Century society." Toyota is committed to giving back to the communities in which we live and operate, to make Canada a better place to live.



Toyota Canada Inc. and Earth Day Canada established the Toyota Earth Day Scholarship Program in 2003 to recognize and reward graduating high school students who have distinguished themselves through environmental, volunteer and academic excellence. Each year, 15 scholarships are awarded coast to coast, allowing Canada's future environmental leaders to continue their studies. For more information visit earthday.ca/scholarship



Toyota Canada Inc. and its Dealerships partnered with Evergreen in 2000 to create the Toyota Evergreen Learning Grounds Program, that is transforming Canadian school grounds into natural learning environments. For more information visit evergreen.ca



Toyota Canada Inc. and its Dealers are National Sponsors of Special Olympics Canada, which is dedicated to making a difference in the lives of Special Olympics athletes. Toyota Canada Inc. reaches out to Special Olympics athletes whenever possible through participation in events at a local, regional, provincial and national level. For more information visit specialolympics.ca



2009 Highlander Features

	4WD V6	4WD V6 Sport	4WD V6 Ltd
INTERIOR			
AM/FM CD/MP3/WMA 6-Disc Changer, Audio Auxiliary Input Jack, 6-Speakers, Steering Wheel Audio Controls, Diversity Antenna, Glass Imprinted Antenna	●	●	–
JBL, AM/FM CD/MP3/WMA 6-Disc Changer, Audio Auxiliary Input Jack, Bluetooth ^{®5} Capability, 9-Speakers, Steering Wheel Audio Controls, Diversity Antenna, Glass Imprinted Antenna	–	–	●
Air Conditioning, Cabin Air Filter, Rear-Seat Heater Ducts	●	–	–
Tri-Zone Automatic Climate Control, Steering Wheel Climate Controls, Cabin Air Filter, Rear-Seat Heater Ducts	–	●	●
Premium Cloth Seat & Door Trim Material	●	–	–
Leather Seat Surfaces & Simulated Leather Door Trim	–	●	●
Front Captain Seats	●	●	●
Power 8-Way Adjustable Driver Seat w/Lumbar Support	●	–	–
Power Heated 8-Way Adjustable Driver Seat, w/Lumbar Support	–	●	●
Driver Seat Variable Cushion Length Adjustment	–	–	●
Front Passenger Seat w/Recline, Fore/Aft	●	–	–
Manual Heated 4-Way Adjustable Passenger Seat w/Recline, Fore/Aft	–	●	–
Power Heated 4-Way Adjustable Passenger Seat	–	–	●
40/20/40 Split Middle Seats w/Slide, Recline, Foldable Armrest, Remote Release in Cargo Area	●	●	●
3rd Row Flat Folding Bench-Seat	●	●	●
Toyota Center Stow™ Seat/Console	●	●	●
All-Position Vertically Adjustable Headrests	●	●	●
Power Door Locks, Power Windows w/Driver Side Auto Up/Down	●	●	●
Optitron Gauges, Multi-Information Display, Tachometer, Water Temperature Gauge, Dual Trip Odometer, Outside Temperature Gauge	●	●	●
Dual Vanity Mirrors, Conversation Mirror	●	●	–
Dual Illuminated Vanity Mirrors, Auto-Dimming Rear View Mirror w/Digital Compass, Conversation Mirror	–	–	●
Leather-Wrapped Steering Wheel & Shift Knob	●	●	●
Woodgrain Trim	–	–	●
Chrome Inner Door Handles & Interior Trim	–	–	●
Scuff Plates, Tonneau Cover	●	●	●
Silver Accented Interior Trim	–	●	–
4-Spoke Tilt, Telescopic Steering Wheel	●	●	●
Carpeting, Carpet Floor Mats	●	●	●

	4WD V6	4WD V6 Sport	4WD V6 Ltd
CONVENIENCE			
Cruise Control, Digital Clock	●	●	●
Push Button Start, Smart Key System	–	–	●
Overhead Sunglass Storage, Front & Rear Cupholders	●	●	●
Front Centre Console Box, Front Seat Back Pockets	●	●	●
Cargo Area Tie-Down Rings	●	●	●
Door Map Pockets, Coat Hooks	●	●	●
Power Rear Door w/Jam Protection	●	●	●
Integrated Garage Door Opener	–	–	●
Accessory Power Outlet	●	●	●
Backup Camera w/3.5" LCD Display	●	●	●
Cargo Lamp, Door Courtesy Lamps, Glove Box Lamp	●	●	●
Driver & Front Passenger Footwell Lamps, Rear Reading Lamps	–	–	●
Map Lamps	●	●	●
Illuminated Ignition Key & Entry	●	●	●
Keyless Entry w/Hatch Release	●	●	●
SAFETY			
Dual-Stage Driver & Front Passenger Airbag Supplemental Restraint System (SRS) ¹	●	●	●
Front Passenger Airbag Status Indicator	●	●	●
Front Seat-Mounted Side Airbags (SRS) ¹	●	●	●
Front Driver Knee Airbag (SRS) ¹	●	●	●
Roll-Sensing Front & Rear Head/Side Curtain Airbags (SRS) ¹	●	●	●
Active Front Headrests	●	●	●
Front Seatbelt Pre-Tensioners & Force Limiters	●	●	●
All-Position 3-Point Lap & Shoulder Belts	●	●	●
Adjustable "B" Pillar Shoulder Belt Anchors	●	●	●
Anchor Points for Child Restraint Seats	●	●	●
Child Protector Rear Door Locks	●	●	●
Front Tow Hook	●	●	●
Assist Grips	●	●	●
Vehicle Anti-theft System	–	–	●
Engine Immobilizer	●	●	●
Remote Fuel Lid Release	●	●	●
Automatic Transmission Fluid Temperature, Low Fuel, Low Washer Fluid, Door Ajar Warning Indicators	●	●	●
Tire Pressure Monitoring System	●	●	●

● = Standard ○ = Optional – = Not Available

	4WD V6	4WD V6 Sport	4WD V6 Ltd
EXTERIOR			
17" Aluminum Alloy Wheels, Wheel Locks	●	–	–
19" Aluminum Alloy Wheels, Wheel Locks	–	●	●
Unique Coloured Alloy Wheels	–	●	–
Electric Rear Window Defroster w/Timer	●	●	●
Flip-Up Rear Hatch Glass	●	●	●
Rear Privacy Glass	●	●	●
Roof Rack, Roof Rails	●	●	●
Front & Rear Splash Guards, Coloured Bumpers, Mirrors & Grille	●	●	●
Coloured Door Handles	●	●	–
Power Tilt/Slide Moonroof w/Sunshade, Spoiler w/LED Stoptlamp	–	●	●
Sport Badging	–	●	–
Limited Badging, Chrome Door Handles, Puddle Lamps	–	–	●
Dual Heated Power Remote-Control Mirrors	●	●	●
Variable Intermittent Wipers, Rear Window Wiper/Washer, Windshield Wiper De-Icer	●	●	●
Halogen Headlamps, Projector Style Low Beam Headlamps	●	●	●
Automatic Headlamp System	–	●	●
Automatic Headlamp Cancel Function	●	–	–
Fog Lamps	●	●	●
PACKAGES			
Leather Package: Leather Seat Surfaces, Heated Driver & Front Passenger Seats, Automatic Headlamp System	○	–	–
Navigation Package: DVD Base Navigation System ⁶ w/Backup Camera, 8.0" LCD Display, 4-Disc CD Changer (Delete 6-Disc Changer, Digital Compass in Auto-Dimming Rear View Mirror)	–	–	○

2009 Highlander Specifications

	4WD V6	4WD V6 Sport	4WD V6 Ltd
MECHANICAL			
Engine 3.5 Litre, V6, DOHC, 24-Valve, Dual Variable Valve Timing w/intelligence (Dual VVT-i), Sequential Multiport Electronic Fuel Injection	●	●	●
Compression Ratio 10.8:1	●	●	●
Horsepower 270 hp (201 kW) @ 6200 rpm	●	●	●
Torque 248 lb.ft. (336 N.m.) @ 4700 rpm	●	●	●
Suspension Front: MacPherson Gas Struts, Gas-Filled Shock Absorbers, Coil Springs, Stabilizer Bar, Anti-Vibration Subframe Rear: MacPherson Gas Struts, Gas-Filled Shock Absorbers, Coil Springs, Stabilizer Bar, Anti-Vibration Subframe Front/Rear: Sport-Tuned Suspension	●	●	●
Drivetrain Full-Time 4WD, Vehicle Stability Control (VSC), Hill-start Assist Control (HAC), Downhill Assist Control (DAC), Traction Control (TRAC)	●	●	●
Transmission 5-Speed, Automatic, Electronically Controlled Transmission (ECT), Overdrive, Sequential Shift Mode, Gate-Type Shifter, Lock-Up Torque Converter, Transmission Cooler	●	●	●
Brakes Power-Assisted, Ventilated Front Discs, Solid Rear Discs, Antilock Braking System (ABS) w/Electronic Brake-force Distribution (EBD), Brake Assist (BA)	●	●	●
Steering Electric Rack & Pinion Power Steering	●	●	●
Tires P245/65R17, All-Season Radials, Full-Size Spare w/Alloy Wheel P245/55R19, All-Season Radials, Full-Size Spare w/Alloy Wheel	●	–	–

● = Standard – = Not Available

	4WD V6	4WD V6 Sport	4WD V6 Ltd
DIMENSIONS	<i>mm (in.)</i>		
Length	4785 (188.4)	●	●
Width	1910 (75.2)	●	●
Height (Unloaded)	1760 (69.3)	●	●
Wheelbase	2790 (110.0)	●	●
Track	Front: 1630 (64.1) Rear: 1635 (64.3)	●	●
Seating Capacity	7	●	●
Headroom	Front: 1032 (40.6) 2nd Row: 1019 (40.1) 3rd Row: 922 (36.3)	●	–
w/Moonroof	Front: 1008 (39.7)	–	●
Legroom	Front: 1096 (43.2) 2nd Row: 973 (38.3) 3rd Row: 759 (29.9)	●	●
Shoulder Room	Front: 1517 (59.7) 2nd Row: 1512 (59.5) 3rd Row: 1397 (55.0)	●	●
Ground Clearance	206 (8.1)	●	●
Approach Angle (<i>degrees</i>)	29.0	●	●
Departure Angle (<i>degrees</i>)	24.0	●	●

	4WD V6	4WD V6 Sport	4WD V6 Ltd
GROSS VEHICLE WEIGHT	<i>kg (lb.)</i>		
	2720 (6000)	●	●
CURB WEIGHT	<i>kg (lb.)</i>		
	1935 (4266) 1930 (4255) 1960 (4321)	●	–
TOWING CAPACITY	<i>kg (lb.)</i>		
	2268 (5000)	●	●
PAVLOAD³	<i>kg (lb.)</i>		
	826 (1822) 791 (1745) 762 (1679)	●	–
CARGO CAPACITY	<i>m³ (cu.ft.)</i>		
	2.7 (95.4) Behind Front Seats 1.2 (42.3) Behind 2nd Row Seats 0.29 (10.3) Behind 3rd Row Seats	●	●
TURNING CIRCLE	<i>m (ft.)</i>		
	11.8 (38.7)	●	●
FUEL CAPACITY	<i>litres (gal)</i>		
	72.5 (15.9)	●	●
FUEL CONSUMPTION RATING²	<i>L/100 km</i>	<i>mpg</i>	
City/Highway/Combined	12.3/8.8/10.8	23/32/26	●

2009 Highlander Hybrid Features

	Hybrid 4WD-i	Hybrid Ltd 4WD-i
INTERIOR		
AM/FM CD/MP3/WMA Player, 6-Speakers, Audio Auxiliary Input Jack, Steering Wheel Audio Controls	●	–
JBL, AM/FM CD/MP3/WMA 4-Disc Changer, Audio Auxiliary Input Jack, Bluetooth® ⁵ Capability, 9-Speakers, Steering Wheel Audio Controls	–	●
Air Conditioning, Cabin Air Filter, Rear Seat Heater Ducts	●	–
Tri-Zone Automatic Climate Control, Steering Wheel Climate Controls, Cabin Air Filter, Rear Seat Heater Ducts	–	●
Premium Cloth Seat & Door Trim Material	●	–
Leather Seat Surfaces & Simulated Leather Door Trim	–	●
Front Captain Seats	●	●
Driver Seat Recline, Cushion-Height	●	–
Front Passenger Seat Recline	●	–
Power Heated 8-Way Adjustable Driver Seat & Power Heated 4-Way Adjustable Front Passenger Seat	–	●
40/20/40 Split Middle Seats w/Slide, Recline, Foldable Armrest, Remote Release in Cargo Area	–	●
40/20/40 Split Rear Seats w/Slide, Recline, Foldable Armrest	●	–
3rd Row Flat Folding Bench-Seat	–	●
All-Position Vertically Adjustable Headrests	●	●
Toyota Center Stow™ Seat/Console	●	●
Power Door Locks	●	●
Power Windows w/Driver, Front Passenger Auto Up/Down	●	●
Optitron Gauges, Water Temperature Gauge, Dual Trip Odometer, Kilowatt Power Meter	●	●
Multi-Information Display, Outside Temperature Gauge	●	●
Dual Vanity Mirrors	●	–
Dual Illuminated Vanity Mirrors, Auto-Dimming Rear View Mirror	–	●
4-Spoke Tilt Telescopic Steering Wheel	●	●
Leather-Wrapped Steering Wheel, Shift Knob	●	●
Woodgrain Trim	●	●
Interior Chrome Trim	●	●
Carpeting, Carpet Floor Mats	●	●
Tonneau Cover, Carpeted Cargo Area	●	●

● = Standard ○ = Optional – = Not Available

	Hybrid 4WD-i	Hybrid Ltd 4WD-i
CONVENIENCE		
Cruise Control, Digital Clock	●	●
Smart Key System, Push Button Start	●	●
Overhead Sunglass Storage	●	●
Front & Rear Cup Holders	●	●
Coat Hooks	●	●
Front Centre Console Box w/Lid	●	●
Door Map Pockets	●	●
Front Seat Back Pockets	●	●
Cargo Area Tie-Down Rings, Shopping Hooks	●	●
Power Rear Door w/Jam Protection	–	●
Integrated Garage Door Opener	–	●
Backup Camera w/3.5" LCD Display	●	–
DVD Navigation System ⁶ w/Backup Camera, 8.0" LCD Display	–	●
Accessory Power Outlet, Retained Accessory Power	●	●
Rear Reading Lamps	–	●
Front & Rear Area Lamps, Map Lamps	●	●
Glove Box Interior Lamp, Cargo Lamp, Door Courtesy Lamps	●	●
Keyless Entry w/Hatch Release	–	●
Keyless Entry	●	–
Illuminated Entry, Illuminated Ignition Key	●	●

	Hybrid 4WD-i	Hybrid Ltd 4WD-i
SAFETY		
Dual-Stage Driver & Front Passenger Airbag Supplemental Restraint System (SRS) ¹	●	●
Front Passenger Airbag Status Indicator	●	●
Front Seat-Mounted Side Airbags (SRS) ¹	●	●
Front Driver Knee Airbag (SRS) ¹	●	●
Roll-Sensing Front & Rear Head/Side Curtain Airbags (SRS) ¹	●	●
Active Front Headrests	●	●
Front Seatbelt Pre-Tensioners & Force Limiters	●	●
All-Position 3-Point Lap & Shoulder Belts	●	●
Adjustable "B" Pillar Shoulder Belt Anchors	●	●
Anchor Points for Child Restraint Seats	●	●
Child Protector Rear Door Locks	●	●
Front Tow Hook, Assist Grips	●	●
Vehicle Anti-theft System	–	●
Engine Immobilizer	●	●
Remote Fuel Lid Release	●	●
Low Fuel, Low Washer Fluid, Headlamps On, Door Ajar Warning Indicators	●	●
Driver & Front Passenger Seatbelt Warning Indicators	●	●
Tire Pressure Monitoring System	●	●

	Hybrid 4WD-i	Hybrid Ltd 4WD-i
EXTERIOR		
17" Aluminum Alloy Wheels, Wheel Locks	●	–
19" Aluminum Alloy Wheels, Wheel Locks	–	●
Electric Rear Window Defroster w/Timer	●	●
Rear Privacy Glass, High Solar Energy Absorbing Window Glass	●	●
Dual, Power Remote-Control, Foldable Mirrors	●	–
Dual Heated, Power Remote-Control, Foldable Mirrors	–	●
Front & Rear Splash Guards, Coloured Bumpers, Mirrors & Chrome Door Handles	●	●
Roof Rack, Roof Rails	–	●
Power Tilt/Slide Moonroof w/Sunshade	–	●
Limited Badging, Coloured Rear Spoiler	–	●
Variable Intermittent Wipers, Intermittent Rear Window Wiper/Washer, Windshield Wiper De-Icer	●	●
Halogen Headlamps	●	●
Puddle Lamps	–	●
Fog Lamps	–	●
Automatic Headlamp Cancel Function	●	–
Reflector Style Low Beam Headlamps	●	●
Automatic Headlamp System	–	●

	Hybrid 4WD-i	Hybrid Ltd 4WD-i
PACKAGES		
Comfort Package: 19" Aluminum Alloy Wheels, P245/55R19 All-Season Tires, Roof Rack, Roof Rails, 40/20/40 Split Middle Seats, 3rd Row Flat Folding Bench Seat, Remote Release in Cargo Area, Leather-Wrapped Steering Wheel & Shift Knob, Dual Illuminated Vanity Mirrors, Puddle Lamps, Rear Air Conditioning w/Climate Control, In-Dash 6-Disc CD Changer, Flip-Up Rear Hatch Glass, Power Rear Door w/Jam Protection, Coloured Rear Spoiler, Heated Exterior Mirrors, Power 8-Way Driver's Seat, Automatic Headlamp System, Rear Reading Lamps	○	–
Leather Package: Comfort Package plus: Leather Seat Surfaces, Heated Driver & Front Passenger Seats	○	–

2009 Highlander Hybrid Specifications

	Hybrid 4WD-i	Hybrid Ltd 4WD-i
MECHANICAL		
Engine 3.3 Litre, V6, DOHC, 24-Valve, Variable Valve Timing w/intelligence (VVT-i), Sequential Multiport Electronic Fuel Injection	●	●
Compression Ratio 10.8:1	●	●
Horsepower 208 hp [155 kW] @ 5600 rpm (gas engine only)	●	●
Torque 212 lb.ft. (287 N.m.) @ 3600 rpm (gas engine only)	●	●
Electric Motor Front: Permanent Magnet Motor, 167 hp (123 kW) @ 4500 rpm, 247 lb.ft. (335 N.m.) @ 0–1500 rpm, AC 650V Rear: Permanent Magnet Motor, 68 hp (50 kW) @ 4610–5120 rpm, 96 lb.ft. (130 N.m.) @ 0–610 rpm, AC 650V	●	●
Hybrid System Net Power Net Horsepower: 270 hp (201 kW) ⁴	●	●
Net Torque: Output will vary depending upon HV Battery state and demand on vehicle	●	●
HV Battery Sealed Nickel-Metal Hydride (Ni-MH) Maximum Power Output: 45 kW Voltage: 288V	●	●
Suspension Front: MacPherson Gas Struts, Gas-Filled Shock Absorbers, Coil Springs, Stabilizer Bar, Anti-Vibration Subframe Rear: MacPherson Gas Struts, Gas-Filled Shock Absorbers, Coil Springs, Stabilizer Bar, Anti-Vibration Subframe	●	●
Drivetrain Vehicle Dynamics Integrated Management (VDIM), Vehicle Stability Control (VSC), Traction Control (TRAC), On Demand Electronic 4WD-i w/intelligence	●	●
Transmission Electronically Controlled Continuously Variable Transmission (ECVT), Power Split Device, Transmission Cooler	●	●
Brakes Power-Assisted, Ventilated Front Discs, Solid Rear Discs, Antilock Braking System (ABS) w/Electronic Brake-force Distribution (EBD), Brake Assist (BA) Integrated Regenerative Braking System, Electronically Controlled Hydraulic Braking System (ECB2)	●	●
Steering Electric Rack & Pinion Power Steering	●	●
Tires P245/65R17, All-Season Radials, Full-Size Spare w/Alloy Wheel P245/55R19, All-Season Radials, Full-Size Spare w/Alloy Wheel	●	–

● = Standard ○ = Optional – = Not Available

	Hybrid 4WD-i	Hybrid Ltd 4WD-i
DIMENSIONS	<i>mm (in.)</i>	
Length	4785 (188.4)	●
Width	1910 (75.2)	●
Height (Unloaded)	1730 (68.1)	●
	1760 (69.3)	○
Wheelbase	2790 (110.0)	●
Track	Front: 1625 (64.0) Rear: 1625 (64.0)	●
Seating Capacity	5 7	●
Headroom	Front: 1031 (40.6) 2nd Row: 1011 (39.8) 3rd Row: 922 (36.2)	●
w/Moonroof	Front: 1008 (39.7)	–
Legroom	Front: 1097 (43.2) 2nd Row: 975 (38.4) 3rd Row: 759 (29.9)	●
Shoulder Room	Front: 1517 (59.7) 2nd Row: 1512 (59.5) 3rd Row: 1397 (55.0)	●
Ground Clearance	185 (7.3)	●

¹ Airbag Notice: The 2009 Highlander features a driver & front passenger airbag and driver knee airbag Supplemental Restraint System (SRS) which usually activates in a full-frontal collision of sufficient magnitude to inflate the bags. In moderate frontal collisions, the airbags may not inflate; in a rear or side collision the airbags are designed not to inflate, so the primary protection is provided by the lap and shoulder belt system. The 2009 Highlander also features a front seat-mounted side airbag and a roll-sensing front and rear head/side curtain airbag Supplemental Restraint System (SRS) which usually activates in a side-impact collision of sufficient magnitude to inflate the bags. *Seatbelts must be worn at all times by all occupants.*

² These estimates are based on the Government of Canada's approved criteria and testing methods. The actual fuel consumption of this vehicle may vary. Refer to the Government of Canada publication *EnerGuide Fuel Consumption Guide*.

³ Payload = Passengers, Equipment, Luggage and Cargo.

⁴ The maximum output indicates engine plus HV battery output.

⁵ Toyota tests certain phones for compatibility with Bluetooth® technology. Please see your Toyota Dealer for details. Note that the recommendation of Toyota is not a warranty of the performance for any phone and that some problems may occur with any type of handset based on the service coverage available in your area.

⁶ The Toyota voice-activated DVD navigation system is designed to assist in locating an address or point of interest. Discrepancies may be encountered between the system and your actual location. Changes in street names, road closures, traffic flow or other road system changes may affect the accuracy of the mapping software. Rely upon your common sense to decide whether or not to follow a specified route. Detailed coverage not available in every city. Optional periodic geographic updates available at an additional cost. See your Navigation System Owner's Manual and your Toyota Dealer for further details.

	Hybrid 4WD-i	Hybrid Ltd 4WD-i
GROSS VEHICLE WEIGHT	<i>kg (lb.)</i>	
	2692 (5935) 2720 (6000)	●
CURB WEIGHT	<i>kg (lb.)</i>	
	2045 (4508) 2105 (4641)	●
TOWING CAPACITY	<i>kg (lb.)</i>	
	1587 (3500)	●
PAYLOAD³	<i>kg (lb.)</i>	
	544 (1200)	●
CARGO CAPACITY	<i>m³ (cu.ft.)</i>	
	2.66 (94.1) Behind Front Seats 1.2 (42.3) Behind 2nd Row Seats 0.29 (10.3) Behind 3rd Row Seats	●
TURNING CIRCLE	<i>m (ft.)</i>	
	11.9 (39)	●
FUEL CAPACITY	<i>litres (gal)</i>	
	65.0 (14.3)	●
FUEL CONSUMPTION RATING²	<i>L/100 km</i>	<i>mpg</i>
City/Highway/Combined	7.4/8.0/7.7	38/35/37
		●

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