



2013 Highlander Product Information

Note: All specs are for both two-wheel drive (2WD) and four-wheel drive (4WD) unless otherwise noted.

ENGINE	FOUR-CYLINDER	V6
Type, Materials	2.7-liter, four-cylinder, double-overhead cam, 16-valve with Dual VVT-i	3.5-liter, six-cylinder, double-overhead cam, 24-valve with Dual VVT-i
Valvetrain	DOHC, 4-valve/cylinder	DOHC, 4-valve/cylinder
Displacement	2,672	3,456 cc
Bore x Stroke	3.54 x 4.13 in.	3.70 x 3.27 in.
Compression Ratio	10.0:1	10.8:1
Horsepower	187 hp @ 5,800	270 hp @ 6,200 rpm
Torque	186 lb-ft @ 4,100 rpm	248 lb-ft @ 4,700 rpm
Ignition System	Electronic, Toyota Direct Ignition (TDI)	Electronic, Toyota Direct Ignition (TDI)
Fuel System	EFI	EFI
Recommended Fuel	87-octane unleaded or higher	87-octane unleaded or higher
Emission Certification	ULEV-II	ULEV-II
EPA Estimated Fuel Economy* (city/highway/combined MPG)	20/25/22 (2WD) 4WD N/A	18/24/20 (2WD) 17/22/19 (4WD)

*2012 EPA MPG Estimates. Actual mileage will vary.

DRIVETRAIN	FOUR-CYLINDER	V6
Layout	2WD	2WD/4WD
Transmission Type	6-speed ECT automatic	5-speed ECT automatic
Gear Ratios		
1 st	3.300	4.235
2 nd	1.900	2.360
3 rd	1.420	1.517
4 th	1.000	1.047
5 th	0.713	0.756
6 th	0.608	-
Reverse	4.148	3.378
Differential Ratio	4.356	3.478/2.928



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CHASSIS AND BODY		FOUR-CYLINDER	V6
Suspension	- Front	Independent MacPherson strut with L-shaped lower arm with stabilizer bar	Independent MacPherson strut with L-shaped lower arm with stabilizer bar
	- Rear	Dual link MacPherson struts	Dual link MacPherson struts
	- Stabilizer Bar Diameter (front/rear)	1.05 / 0.55 in.	1.05 / 0.55 in.
Steering	- Type	Electric Power Steering	Electric Power Steering
	- Overall Ratio	17:1	17:1
	- Turns (lock to lock)	3.1 turns	3.1 turns
	- Turning Circle Diameter (curb to curb)	38.7 ft.	38.7 ft.
Brakes	- Front - type/diameter	Twin piston steel calipers with ventilated discs /12.9 in.	Twin piston steel calipers with ventilated discs /12.9 in.
	- Front Swept Area	80.0 sq in.	80.0 sq in.
	- Rear - type/diameter	Single piston aluminum caliper with solid disc /12.2 in.	Single piston aluminum caliper with solid disc /12.2 in.
	- Rear Swept Area	43.9 sq. in.	43.9 sq. in.
	- Total Swept Area	123.9 sq. in.	123.9 sq. in.
	- Parking	Foot applied pedal/foot release	Foot applied pedal/foot release
	- Brake Booster Type	Integral, vacuum	Integral, vacuum
Anti-lock Brake System (ABS)	Standard	Standard	
Wheel Size	7.5 x 17 in. (Base/SE)	7.5 x 17 in. (Base/SE) 7.5 x 19 in. (Limited)	
Wheel Type and Material	Machined aluminum alloy	Machined aluminum alloy	
Tire Size	P245/65 R17 (Base/SE)	P245/65 R17 (Base/SE) P245/55 R19 (Limited)	
Tire Type	All-season steel-belted radial	All-season steel-belted radial	
Spare Tire/Wheel	Full-size/17-inch (Base/SE)	Full-size/17-inch (Base/SE) Full-size/19-inch (Limited)	



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EXTERIOR DIMENSIONS	FOUR-CYLINDER	V6
Wheelbase	109.8 in.	109.8 in.
Overall Length	188.4 in.	188.4 in.
Overall Width	75.2 in.	75.2 in.
Overall Height		
(without roof rails, Base only)	68.1 in.	68.1 in.
(with roof rails)	69.3 in.	69.3 in.
Tread Width (Front/Rear)	64.0/64.2 in.	64.0/64.2 in. (2WD) 64.0/64.0 in. (4WD)
Ground Clearance	8.0 in.	8.0 in.
Angle of Approach/Departure	22/23 degrees (2WD)	22/23 degrees (2WD & 4WD)

INTERIOR DIMENSIONS		
Seating Capacity	7	
Headroom	w/out moonroof	w/moonroof
- First Row	40.6 in.	39.7 in.
- Second Row	40.1 in.	40.1 in.
- Third Row	36.3 in.	36.3 in.
Legroom		
- First Row	43.2 in.	
- Second Row	38.3 in.	
- Third Row	29.9 in.	
Shoulder Room		
- First Row	59.7 in.	
- Second Row	59.5 in.	
- Third Row	55.0 in.	
Hip Room		
- First Row	56.7 in.	
- Second Row	56.5 in.	
- Third Row	42.3 in.	
EPA Interior Volume	156.0 cu. ft.	
EPA Passenger Volume	145.7 cu. ft.	
EPA Cargo Volume		
Behind 1 st row seat	81.6 cu. ft.	
Behind 2 nd row seat	39.6 cu. ft.	
Behind 3 rd row seat	10.3 cu. ft.	
EPA Class	Mid-size SUV	



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WEIGHTS AND CAPACITIES	FOUR-CYLINDER	V6
Curb Weight (2WD/4WD)	3,946 lbs. (Base) 4WD N/A	4,045/4,266 lbs. (Base) 4,045/4,266 lbs. (SE) 4,255/4,464 lbs. (Limited)
GVWR (2WD/4WD)	5,500 lbs./ 4WD N/A	5,800/6,000 lbs.
Payload (2WD/4WD)	1,554 lbs. (Base) 4WD N/A	1,755/1,734 lbs. (Base) 1,755/1,734 lbs. (SE) 1,545/1,536 lbs. (Limited)
Maximum Towing Weight*	1,500 lbs. standard 3,500 lbs. w/tow prep package	2,000 lbs. standard 5,000 lbs. w/tow prep package
Maximum Tongue Weight	150 lbs. standard 350 lbs. w/tow prep package	200 lbs. standard 500 lbs. w/tow prep package
Fuel Capacity	19.2 gal.	19.2 gal.
Engine Oil	4.2 qt. 4.6 qt. (w/ oil filter)	6.0 qt. 6.4 qt. (w/ oil filter)
Cooling System (std./opt. Towing Prep Package)	2.40/2.59 gal.	2.91/3.09 gal.

*Based on new SAE Towing standard

Note: All specs are for both two-wheel drive (2WD) and four-wheel drive (4WD) unless otherwise noted.

STANDARD EXTERIOR FEATURES**Highlander Grade**

- Projector-beam headlamps with auto on/off feature
- 17-inch seven spoke machined-finish alloy wheels with 245/65 R17 tires and full-size spare
- Color-keyed bumpers, door handles, and power outside mirrors with folding feature
- Color-keyed rear spoiler with LED center high-mount stop lamp
- Clear headlamp and tail-lamp bezels
- In-glass antenna on rear quarter panel window
- UV reduction glass windshield and privacy glass on rear side, quarter and liftgate windows
- Washer-linked variable intermittent windshield wipers and variable rear wiper
- Rear window with electric defogger
- Multi-function remote keyless entry system

Highlander Plus (In addition to or in place of Highlander standard features)

- Color-keyed power heated outside mirrors with folding features
- Lift-up glass hatch
- Black roof rails
- Integrated fog lamps
- Windshield wiper de-icer

SE (In addition to or in place of Highlander Plus standard features)

- Power tilt/slide moonroof with sunshade
- Power liftgate

Limited (In addition to or in place of SE standard features)

- 19-inch five spoke alloy wheels with dark silver accents and 245/55 R19 tires and full-size spare tire on alloy wheel
- Color-keyed power heated outside mirrors with folding feature and puddle lamps
- Chrome accented outside door handles
- Chrome roof rails with black end caps
- Limited badging on front doors

STANDARD INTERIOR FEATURES**Highlander Grade**

- 3.5-inch Multi-information Display includes: clock, outside temperature, cruise information (average fuel economy, average speed, distance to empty, current fuel economy and trip timer), and warning messages
- Defroster-linked CFC-free front air conditioning
- Center console with silver trim
- Up to seven passenger seating capacity
- Fabric-trimmed eight-way manually adjustable driver's and four-way passenger fabric seat w/two-way adjustable headrests

Note: All specs are for both two-wheel drive (2WD) and four-wheel drive (4WD) unless otherwise noted.

STANDARD INTERIOR FEATURES – CONT.

- Fabric-trimmed 40/20/40 2nd row seat w/armrests on outboard seats, fold flat, recline, fore and aft slide adjustment, one-touch right-hand walk-in function, plus Center Stow™ seat, and Center Stow™ console
- 50/50 split fabric-trimmed 3rd row seat with fold down headrests and fold-flat-into-floor capability, two cup holders
- Height adjustable headrests (1st and 2nd row only)
- Front center console w/six cup holders, console box, and storage area for 2nd row Center Stow™ seat or Center Stow™ center console
- Optitron meters w/red graphics
- Power door locks and windows with driver's auto up/down with jam protection
- Auto door lock/unlock with shifter activation
- Cruise control
- Dual sun visors with vanity mirrors and sliding extensions
- Overhead console with conversation mirror, map lights and sunglasses holder
- LED illumination of center console
- Illuminated entry system includes interior lights
- Manual tilt and telescopic urethane steering wheel with audio, phone & Multi-information Display controls
- Door panels with integrated speakers, storage pocket and ten cupholders/four bottles
- Two front and one cargo area 12-volt auxiliary power outlets
- Cargo area tie down hooks
- Scheduled maintenance indicator light
- Six assist grips
- Under floor storage in rear cargo area
- Color-keyed interior door handles and door grips
- Remote hood and fuel-filler door releases

Highlander Plus in addition to or in place of Highlander standard features)

- Backup monitor (displays 6.1-inch audio screen)
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- Easy-clean fabric-trimmed eight-way manually adjustable driver's seat with power lumbar support and four-way passenger fabric seat w/two-way adjustable headrests
- Easy-clean fabric-trimmed 40/20/40 2nd row seat w/armrests on outboard seats, fold flat, recline, fore and aft slide adjustment, one-touch right-hand walk-in function, plus Center Stow™ seat, and Center Stow console
- Dual extendable sun visors with illuminated vanity mirrors
- Second-row reading lamps
- Cargo area second-row seat one-touch fold-flat levers
- Cargo area tonneau cover
- Metallic interior door handles

Note: All specs are for both two-wheel drive (2WD) and four-wheel drive (4WD) unless otherwise noted.

STANDARD INTERIOR FEATURES – CONT.

SE (In addition to or in place of Highlander Plus standard features)

- Smooth leather-trimmed eight-way power adjustable driver's seat and four-way adjustable passenger seat with adjustable headrests and seatback pockets
- Multi-stage heated front seats
- Smooth leather-trimmed 40/20/40 2nd row seat w/armrests on outboard seats, fold flat, recline, fore and aft slide adjustment, one-touch right-hand walk-in function, plus Center Stow seat, and Center Stow console
- Leatherette 50/50 split third-row seat with fold-flat capability and folding headrests
- Leather-trimmed steering wheel with audio, phone & Multi-Information controls
- Leather-trimmed shift knob
- Auto-dimming rearview mirror with compass
- HomeLink[®] universal transceiver
- Interior door handles and door grips w/silver accents

Limited (In addition to or in place of SE standard features)

- Three-zone automatic climate control system with air filter, rear multi-function display, and rear vents for second- and third-row seats
- Smart Key System with push button start and remote illuminated entry
- Perforated leather-trimmed eight-way power adjustable driver seat with power lumbar support and adjustable thigh support; four-way power adjustable passenger seat, adjustable headrests and seatback pockets
- Perforated leather-trimmed 40/20/40 second-row seat with fore/aft slide adjustment, recline adjustment, right-hand walk-in feature, plus Center Stow[™] console
- Leather-trimmed steering wheel audio, phone, Multi-information Display and A/C controls
- Leather-trimmed shift knob with wood-grain style inlay
- Wood-grain style interior trim with chrome interior door handles
- Auto-dimming rearview mirror (compass moves to navigation unit)

STANDARD AUDIO SYSTEM**Highlander, Highlander Plus, and SE Grades**

- Display Audio – includes 6.1-inch touch-screen (with integrated backup camera display on Highlander Plus and SE), AM/FM CD player with MP3/WMA playback capability, six speakers, auxiliary audio jack, USB port with iPod[®] connectivity and control, and hands-free phone capability, phone book access and music streaming via Bluetooth[®] wireless technology

Limited

- Display Audio with Navigation, Entune and JBL[®] - includes 6.1-inch touch-screen with integrated backup camera display, AM/FM CD player with MP3/WMA playback capability, nine JBL speakers, SiriusXM Satellite Radio capability (includes three-month trial subscription to XM Select Package), HD Radio TM with iTunes[®] Tagging, auxiliary audio jack, USB port with iPod connectivity and control, and hands-free phone capability, phone book access, advanced voice recognition, and music streaming via Bluetooth wireless technology

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STANDARD SAFETY AND SECURITY

- Three-point seatbelts for all seating positions; Emergency Locking Retractors (ELR) on driver's belt; Automatic/Emergency Locking Retractors (ALR/ELR) on all passenger seatbelts; three-point front seatbelts with adjustable shoulder anchors
- Driver and front passenger active head rests
- STAR Safety System™ includes Anti-lock Brake System (ABS) with Brake Assist (BA), Electronic Brake-force Distribution (EBD), Enhanced Vehicle Stability Control (VSC) and Traction Control (TRAC) with cut-off switch
- Driver and front passenger Advanced Airbag System
- Driver's knee airbag
- Driver and front passenger front seat-mounted side airbags
- Three-row roll-sensing side curtain airbags (RSCA)
- Front and rear energy-absorbing crumple zones and energy-dissipating interior trim
- LATCH (Lower Anchors and Tethers for Children) includes lower anchors and tethers on outboard second-row seats
- Daytime Running Lights (DRL) with on/off feature
- Adjustable driver and front passenger shoulder belt anchors
- Driver and front passenger seatbelt pretensioners with force limiters
- Child protector rear door locks
- Collapsible steering column
- Head impact protection structure (A and B pillar trim panels)
- Fuel cut-off system in a collision
- Direct type Tire Pressure Monitoring System (TPMS)
- Downhill Assist Control (DAC) – 4WD only
- Hill-start Assist Control (HAC)
- Side impact door beams
- Engine immobilizer (Highlander Plus)
- Anti-theft alarm with engine immobilizer (SE & Limited)

STANDARD MECHANICAL FEATURES**Highlander Highlander Plus and SE**

- 2.7-liter double overhead cam (DOHC) 16-valve four-cylinder engine with dual Variable Valve Timing with Intelligence (VVT-i): 187 hp @ 5,800 rpm, 186 lb-ft. @4,100 rpm (2WD Highlander Grade only)
- Six-speed Electronically Controlled automatic Transmission with Intelligence (ECT-i), sequential shift mode and snow mode (only with 2.7-liter four-cylinder engine)
- Front-wheel drive or Full-time 4WD (4WD only available with 3.5-liter V6)
- Four-wheel independent MacPherson strut suspension with front and rear stabilizer bars
- Electric Power Steering (EPS); power-assisted rack-and-pinion
- V6 Towing Prep: includes 5,000-lb. towing capacity, heavy-duty radiator with engine oil cooler, 200-watt fan coupling, transmission oil cooler, 150-amp alternator and pre-wired harness

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STANDARD MECHANICAL FEATURES CONT.**Limited**

- 3.5-liter double overhead cam (DOHC) 24-valve V6 engine with dual Variable Valve Timing with Intelligence (VVT-i); 270 hp @ 6,200 rpm, 248 lb.-ft. @ 4,700 rpm
- Five speed Electronically Controlled automatic Transmission with Intelligence (ECT-i), sequential shift mode and snow mode (available with 3.5-liter V6)
- V6 Towing Prep: includes 5,000-lb. towing capacity, heavy-duty radiator with engine oil cooler, 200-watt fan coupling, transmission oil cooler, 150-amp alternator and pre-wired harness

FACTORY OPTIONS**Highlander**

- Cold weather package: windshield wiper deicer grid and heated outside mirrors

Highlander Plus

- None

SE

- Display Audio with Navigation, Entune and JBL® - includes 6.1-inch touch-screen with integrated backup camera display, AM/FM CD player with MP3/WMA playback capability, nine JBL speakers, SiriusXM Satellite Radio capability (includes three-month trial subscription to XM Select Package), HD Radio TM with iTunes® Tagging, auxiliary audio jack, USB port with iPod connectivity and control, and hands-free phone capability, phone book access, advanced voice recognition, and music streaming via Bluetooth wireless technology

Limited

- Rear-seat DVD entertainment system with 9-inch display, rear-seat audio and two wireless headphones (includes 120V AC power outlet and RCA jacks)

AVAILABLE EXTERIOR COLORS

- Classic Silver Metallic
- Blizzard Pearl
- Magnetic Gray Metallic
- Black
- Sizzling Crimson Mica
- Sandy Beach Metallic
- Cypress Pearl
- Shoreline Blue Pearl
- Nautical Blue Metallic

BASIC LIMITED WARRANTY COVERAGE

- 3-year/36,000-mile Comprehensive
- 5-year/60,000-mile Powertrain
- 5-year/unlimited-mileage Corrosion Perforation
- Toyota Care – Complimentary maintenance plan with the purchase or lease of every new Toyota. For 2 years or 25,000 miles, whichever comes first, every new Toyota will be covered for all normal factory scheduled service, as well as 24/7 roadside assistance