



## 2014 Highlander Product Information

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

<b>ENGINE</b>	<b>FOUR-CYLINDER</b>	<b>V6</b>
Type, Materials	1AR-FE 2.7-liter, four-cylinder, double- overhead cam, 16-valve with Dual VVT-i	2GR-FE 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	185 hp @ 5,800	270 hp @ 6,200 rpm
Torque	184 lb-ft @ 4,200 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) AWD N/A	19/25/21 (2WD) (AWD)

\*2014 EPA MPG Estimates. Actual mileage will vary.

<b>DRIVETRAIN</b>	<b>FOUR-CYLINDER</b>	<b>V6</b>
Layout	2WD	2WD/AWD
Transmission Type	6-speed ECT automatic	6-speed ECT automatic
Gear Ratios		
1 <sup>st</sup>	3.300	3.300
2 <sup>nd</sup>	1.900	1.900
3 <sup>rd</sup>	1.420	1.420
4 <sup>th</sup>	1.000	1.000
5 <sup>th</sup>	0.713	0.713
6 <sup>th</sup>	0.608	0.608
Reverse	4.148	4.148
Differential Ratio	4.356	4.154



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<b>CHASSIS AND BODY</b>		<b>FOUR-CYLINDER</b>	<b>V6</b>
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	Trailing Arm Double Wishbone	Trailing Arm Double Wishbone
	- Stabilizer Bar Diameter (front/rear)	1.02 / 0.83 in.	1.02 / 0.83 in.
Steering	- Type	Electric Power Steering	Electric Power Steering
	- Overall Ratio	16:1	16:1
	- Turns (lock to lock)	2.7 turns	2.7 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 18 in. (LE)	7.5 x 18 in. (LE/LE Plus/XLE) 7.5 x 19 in. (Limited)	
Wheel Type and Material	Aluminum Alloy	Aluminum Alloy Chromtec® Alloy (Limited)	
Tire Size	P245/60 R18 (LE)	P245/60 R18 (LE/LE Plus/XLE) P245/55 R19 (Limited)	
Tire Type	All-season steel-belted radial	All-season steel-belted radial	
Spare Tire/Wheel	Temporary 18-inch (LE)	Temporary 18-inch (LE/LE Plus/XLE/Limited)	



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<b>EXTERIOR DIMENSIONS</b>	<b>FOUR-CYLINDER</b>	<b>V6</b>
Wheelbase	109.8 in.	109.8 in.
Overall Length	191.1 in.	191.1 in.
Overall Width	75.8 in.	75.8 in.
Overall Height		
(without shark fin antenna, LE only)	68.1 in.	68.1 in.
(with shark fin antenna)	70.1 in.	70.1 in.
Tread Width (Front/Rear)	64.4/64.2 in.	64.4/64.2 in. (2WD) 64.4/64.2 in. (AWD)
Ground Clearance	8.0 in.	8.0 in.
Angle of Approach/Departure	18/23.1 degrees (2WD)	18/23.1 degrees (2WD & AWD)

<b>INTERIOR DIMENSIONS</b>			
Seating Capacity	8 (7 with Captain's Chairs)		
Headroom	w/out moonroof	w/moonroof	w/panoramic moonroof
- First Row	40.7 in.	39.5 in.	39.8 in.
- Second Row	39.9 in.	39.6 in.	37.8 in.
- Third Row	35.9 in.	35.9 in.	35.9 in.
Legroom			
- First Row	44.2 in.		
- Second Row	38.4 in.		
- Third Row	27.7 in.		
Shoulder Room			
- First Row	59.3 in.		
- Second Row	59.6 in.		
- Third Row	55.0 in.		
Hip Room			
- First Row	57.2 in.		
- Second Row	57.1 in.		
- Third Row	45.6 in.		
EPA Interior Volume	158.8 cu. ft.	156.5 cu. ft.	153.9 cu. ft.
EPA Passenger Volume	145.0 cu. ft.	142.7 cu. ft.	140.3 cu. ft.
EPA Cargo Volume			
Behind 1 <sup>st</sup> row seat	78.6 cu. ft.		77.6 cu. ft.
Behind 2 <sup>nd</sup> row seat	42.3 cu. ft.		42.0 cu. ft.
Behind 3 <sup>rd</sup> row seat	13.8 cu. ft.		13.6 cu. ft.
EPA Class	Mid-size SUV		



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<b>WEIGHTS AND CAPACITIES</b>	<b>FOUR-CYLINDER</b>	<b>V6</b>
Curb Weight (2WD/4WD)	4,134 lbs. (LE) AWD N/A	4,244/4,398 lbs. (LE/LE Plus) 4,310/4,464 lbs. (XLE) 4,354/4,509 lbs. (Limited)
GVWR (2WD/4WD)	5,665 lbs./ AWD N/A	5,840/6,000 lbs.
Payload (2WD/4WD)	1,455 lbs. (LE) AWD N/A	1,455/1,455 lbs. (LE/LE Plus/XLE) 1,385/1,385 lbs. (Limited)
Maximum Towing Weight*	1,500 lbs.(LE)	2,000 lbs. (LE/LE Plus) 5,000 lbs. (XLE/Limited)
Maximum Tongue Weight	150 lbs. standard	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)	2.50 gal.	2.89 gal 2.97 gal. w/tow prep package

\*Based on SAE J2807 Towing standard

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

**STANDARD EXTERIOR FEATURES****LE**

- Projector-beam halogen headlights with auto on/off feature
- Daytime Running Lights (DRL) with on/off feature
- Color-keyed heated power outside mirrors with turn signal indicators and folding feature
- Color-keyed outside door handles
- 18-inch split five-spoke alloy wheels with P245/60 R18 105S tires
- Black front and rear mudguards (AWD only)
- Washer-linked variable intermittent windshield wipers and intermittent rear wiper
- Windshield wiper de-icer
- UV reduction glass on all windows
- High Solar Energy-Absorbing (HSEA) glass on front and rear side windows
- Privacy glass on rear side, quarter, and liftgate windows
- Color-keyed rear spoiler with LED center high-mount stop lamp
- Remote keyless entry system with remote illuminated entry
- Rear liftgate window defogger

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

- Flip-up rear hatch window
- Adjustable Power liftgate with jam protection
- Integrated fog lights

**XLE** (In addition to or in place of LE Plus standard features)

- 18-inch split five-spoke machined-face alloy wheels with P245/60R18 105S tires
- Power tilt/slide moonroof with sunshade and jam protection
- Chromtec<sup>®</sup> roof rails
- Smart Key System of front doors and liftgate with Push Button Start and remote keyless entry system with illuminated entry

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

- Projector-beam halogen smoked-chrome accent headlights with auto on/off feature
- LED Daytime Running Lights (DRL) with on/off feature
- Color-keyed heated power outside mirrors with memory, turn signal and blind spot warning indicators, puddle lamps and folding features
- 19-inch five spoke Chromtec<sup>®</sup> alloy wheels with P245/55 R19 105S tires

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

**STANDARD INTERIOR FEATURES****LE**

- Front and rear air conditioning with air filter and second- and third-row vents
- Integrated backup camera with projected path
- 3.5-inch LCD Multi-information Display in meter cluster with odometer, current/average fuel economy, cruising range, and ECO driving indicator
- Fabric-trimmed front and second-row seats; six-way adjustable driver's seat, four-way adjustable front passenger seat; 60/40 split sliding & reclining fold-flat second-row seats
- Fabric-trimmed 60/40 split fold-flat third-row seat with sliding headrests and recline function
- Cruise control
- Tilt/telescopic three-spoke steering wheel with metallic accents and audio, Multi-Information Display, Bluetooth® hands-free phone, voice command, and cruise controls
- Optitron instrumentation with blue-illuminated speedometer and tachometer and 3.5-inch LCD Multi-Informational Display screen
- Soft-touch upper door trim with metallic accent, fabric-covered armrest area with black interior door handles
- Power windows with driver and front passenger auto up/down and jam protection
- Power door locks with shift-linked automatic lock/unlock feature
- Day/night rearview mirror
- Overhead console with maplights, sunglasses storage, and conversation mirror
- 24.5-liter soft-touch roll-top center console with removable utility tray
- Soft-touch in-dash shelf with easy cable management
- Eight cup holders and four bottle holders
- Dual sun visors with sliding function and illuminated vanity mirrors
- Three 12V auxiliary power outlets (two front and one second-row area)
- Four cargo area tie-down cargo hooks
- Cargo area lights
- Front and second-row seat reading lights
- Digital clock

**LE Plus** (in addition to or in place of LE standard features)

- Three-zone automatic climate control with air filter, separate second-row control panel, individual temperature settings for driver, front passenger and rear-seat passengers and second- and third-row vents
- Fabric & SofTex®-trimmed front and second-row seats; eight-way power-adjustable driver's seat including power thigh support, lumbar support, four-way adjustable front passenger seat, 60/40 split sliding & reclining fold-flat second-row seats
- Fabric & SofTex-trimmed 60/40 split fold-flat third-row seat with sliding headrests and recline function
- Leather-trimmed tilt/telescopic three-spoke steering wheel with metallic accents and audio, Multi-Information Display, Bluetooth® hands-free phone, voice command, and cruise controls
- Soft-touch upper door trim with metallic accent, leatherette-trimmed door armrest area with black 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.****XLE** (In addition to or in place of LE Plus standard features)

- 4.2-inch color LCD Multi-Information Display in meter cluster with odometer, current/average fuel economy, cruising range, average speed, AWD torque distribution (AWD models only), cruise control guide, navigation with turn-by-turn directions, audio status, hands-free incoming call notices, telephone information, Eco driving indicator
- Leather-trimmed front and second-row seats; eight-way power-adjustable driver's seat including power thigh support, lumbar support, four-way adjustable front passenger seat; and 60/40 split sliding & reclining fold-flat second-row seats
- SofTex-trimmed 60/40 split fold-flat third-row seat with sliding headrests and recline function
- Leather-trimmed tilt/telescopic three-spoke steering wheel with metallic accents and audio, Multi-Information Display, Bluetooth hands-free phone, voice command, cruise control, and multi-media information controls
- Optitron instrumentation with blue-illuminated speedometer and tachometer and 4.2-inch color LCD Multi-Information Display screen
- Soft-touch upper door trim with metallic accent, leatherette-trimmed door armrest area with satin chrome interior door handles
- Auto-dimming Electric Chromic (EC) rearview mirror
- Overhead console with maplights, sunglasses storage, conversation mirror, and Homelink® universal transceiver
- One 110V auxiliary AC power outlet (second-row area)
- Second-row retractable window sunshades
- Driver Easy Speak – driver voice amplification

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

- Integrated Backup camera with dynamic gridlines
- 4.2-inch color LCD Multi-Information Display in meter cluster with odometer, current/average fuel economy, cruising range, average speed, AWD torque distribution (AWD models only), cruise control guide, navigation with turn-by-turn directions, audio status, hands-free incoming call notices, telephone information, Eco driving indicator, and energy monitor (Hybrid models only)
- Perforated leather-trimmed front and second-row seats, heated and ventilated front row seats, eight-way power-adjustable memory driver's seat including power thigh support and lumbar support, four-way power adjustable front passenger seat, and second-row captain's chairs with side table
- Optitron instrumentation with blue-illuminated speedometer and tachometer/Hybrid power system meter (Hybrid models only) and 4.2-inch color LCD Multi-Information Display screen
- Soft-touch upper door trim with wood-grain accent, leatherette-trimmed door armrest area with satin chrome interior door handles
- Blue LED ambient lighting on interior of front and rear doors and in-dash shelf
- Power windows with auto up/down and jam protection in all positions

**STANDARD AUDIO SYSTEMS****LE**

- Entune Audio- includes the Entune Multimedia Bundle (6.1-inch high resolution touch-screen display, AM/FM CD player, MP3/WMA playback capability, six speakers, auxiliary audio jack, USB 2.0 port with iPod® connectivity and control, advanced voice recognition, hands-free phone capability, phone book access and music streaming via Bluetooth® wireless technology), Intelligent Touch controls and integrated backup camera display with projected path
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**STANDARD AUDIO SYSTEMS - CONT.****LE Plus**

- Entune Audio Plus- includes the Entune Multimedia Bundle (6.1-inch high resolution touch-screen display, AM/FM CD player, MP3/WMA playback capability, six speakers, auxiliary audio jack, USB 2.0 port with iPod® connectivity and control, advanced voice recognition, hands-free phone capability, phone book access and music streaming via Bluetooth wireless technology), Intelligent Touch controls, SiriusXM Radio with 90-day complimentary trial, HD radio, HD traffic and weather in major metro areas

**XLE**

- Entune Premium Audio with Navigation and App Suite – includes the Entune Multimedia Bundle (8-inch high resolution touch-screen with split screen display, AM/FM CD player, MP3/WMA playback capability, six speakers, auxiliary audio jack, USB 2.0 port with iPod® connectivity and control, advanced voice recognition, hands-free phone capability, phone book access and music streaming via Bluetooth wireless technology), Entune App Suite, Intelligent Touch Controls, SiriusXM Radio with 90-day complimentary trial, HD radio, HD predictive traffic and Doppler weather overlay, AM/FM cache radio, and Gracenotes album cover art

**Limited**

- Entune Premium JBL Audio with Navigation and App Suite – includes the Entune Multimedia Bundle (8-inch high resolution touch-screen with split screen display, AM/FM CD player, MP3/WMA playback capability, 12 JBL® Green Edge™ speakers, auxiliary audio jack, USB 2.0 port with iPod® connectivity and control, advanced voice recognition, hands-free phone capability, phone book access and music streaming via Bluetooth wireless technology), Entune App Suite, Intelligent Touch controls, SiriusXM Radio with 90-day complimentary trial, HD radio, HD predictive traffic and Doppler weather overlay, AM/FM cache radio, and Gracenotes album cover art

**STANDARD SAFETY AND SECURITY**

- STAR Safety System™ includes Enhanced Vehicle Stability Control (Enhanced-VSC), Traction Control (TRAC), Anti-lock Brake System (ABS), Electronic Brake-force Distribution (EBD), Brake Assist (BA), and Smart Stop Technology (SST)
- Driver and front passenger Advanced Airbag System
- Driver and front passenger seat-mounted side airbags, driver knee airbag, front passenger seat cushion airbag, and all-row Roll-Sensing Side Curtain Airbags (RSCA)
- Driver and front passenger Whiplash-Injury-Lessening (WIL) seats
- Driver and front passenger seatbelt warning sensor
- Three-point seatbelts for all seating positions; driver-side Emergency Locking Retractors (ELR) and Automatic/Emergency Locking Retractor (ALR/ELR) on all passenger belts
- Adjustable front seatbelt shoulder anchors and driver and front passenger seatbelt pretensioners with force limiters
- LATCH (Lower Anchors and Tethers for Children) includes lower anchors and tethers on outboard second-row (also have tether in center of 2<sup>nd</sup>-row bench) seats and tether anchor on middle of third-row seat
- Child-protector rear door locks
- Collapsible steering column
- Front and rear energy-absorbing crumple zones and side-impact door beams
- Energy-dissipating interior trim



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**STANDARD SAFETY AND SECURITY – CONT.**

- Tire Pressure Monitor System (TPMS)
- Hill Start Assist Control (HAC)
- Downhill Assist Control (DAC) (AWD only)
- Engine Immobilizer (LE and LE Plus only)
- Anti-theft system with alarm and engine immobilizer ((XLE and Limited only)
- Blind Spot Monitor (BSM) with Rear Cross Traffic Alert (RCTA) (Limited only)
- Rear Parking Assist Sonar (Limited only)

**STANDARD MECHANICAL FEATURES****LE, LE Plus, XLE, and Limited**

- 2.7-liter double overhead cam (DOHC) 16-valve four-cylinder engine with dual Variable Valve Timing with Intelligence (VVT-i): 185 hp @ 5,800 rpm, 184 lb.-ft. @ 4,200 rpm (LE only)
- 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 (LE Plus, XLE, and Limited)
- Six-speed Electronically Controlled automatic Transmission with Intelligence (ECT-i), sequential shift mode and snow mode
- Front-wheel drive or Full-time AWD (AWD only available with V6)
- Independent MacPherson strut front suspension and double-wishbone rear 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

**FACTORY OPTIONS****LE**

- None

**LE Plus**

- None

**XLE**

- Rear-seat Blu-Ray<sup>®</sup> DVD entertainment system with nine-inch display, RCA jacks, remote, and two wireless headphones
- Leather-trimmed front and second-row seats; heated front seats, eight-way power-adjustable driver's seat including power thigh support, lumbar support, four-way adjustable front passenger seat, and second-row captain's chairs with side table

**Limited**

- Driver Technology Package: Includes Safety Connect (includes Emergency Assistance, Stolen Vehicle Locator, Roadside Assistance and Automatic Collision Notification. Available by subscription), Pre-Collision System with Dynamic Radar Cruise Control, and Lane Departure Alert with Automatic High Beam Headlights
- Platinum Package: Includes Driver Technology Package, Panoramic Moonroof, heated steering wheel, and heated perforated leather second-row captain's chairs
- Rear-seat BlueRay<sup>®</sup> DVD entertainment system with nine-inch display, RCA jacks, remote, and two wireless headphones



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### **AVAILABLE EXTERIOR COLORS**

- Alumina Jade Metallic
- Moulin Rouge Mica
- Crème Brulee Mica
- Nautical Blue Metallic
- Silver Sky Metallic
- Attitude Black Metallic
- Predawn Gray Mica
- Blizzard Pearl
- Shoreline Blue Pearl

### **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