



2011 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 | 3.54x4.13 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/combine MPG) | 20/25/22 (2WD) 4WD N/A | 18/24/20 (2WD) 17/22/19 (4WD) |

*2010 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) | 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) | 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 & 4WD) | 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 | 95.4 cu. ft. | |
| Behind 2 nd row seat | 42.3 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
- Dark silver painted front grille and lower grille with chrome accent
- Black lower rockers with chrome accent
- 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
- Black fog lamp covers and fender mounted AM/FM antenna
- 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

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

- Power tilt/slide moonroof with sunshade
- Lift-up glass hatch
- Black roof rails
- Integrated fog lamps
- In-glass antenna on rear quarter panel window
- Windshield wiper de-icer grid
- 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 outside door handles
- Silver roof rails with black end caps
- Door scuff plate with Highlander logo
- Limited badging on front doors

STANDARD INTERIOR FEATURES**Highlander Grade**

- 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 and shift knob
- 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

SE (In addition to or in place of Base 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
- Vinyl 50:50 split third-row seat with fold-flat capability and folding headrests
- Leather-trimmed steering wheel with audio, Multi-Information Display and Bluetooth® hands-free telephone controls
- Leather-trimmed shift knob
- Homelink® universal transceiver
- Auto-dimming rearview mirror with compass
- Cargo area second-row seat one-touch fold-flat lever
- Tonneau cover
- Leather-wrapped steering wheel with audio and multi-function display controls
- Multi-function display (3.5-inch display) includes back-up monitor, clock, outside temperature, cruise information (avg. fuel economy, avg. speed, distance to empty, current fuel economy and trip timer), and warning messages
- Interior door handles and door grips w/silver accents
- Dual sun visors with illumination, vanity mirrors, and sliding extensions

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

STANDARD INTERIOR FEATURES – CONT.

- 2nd row reading lamps

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 10-way power adjustable driver seat with power lumbar support and adjustable thigh support system; 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 with A/C controls
- Leather-trimmed shift knob with wood-grain style inlay
- Wood-grain style interior trim with chrome interior door handles

STANDARD AUDIO SYSTEM**Highlander Grade**

- AM/FM CD with MP3/WMA playback capability
- Auxiliary audio jack

SE and Limited

- AM/FM CD player with MP3/WMA playback capability, six speakers, XM Radio (includes 90-day trial subscription) USB port with iPod® connectivity, auto sound leveling, hands-free phone capability and music streaming via Bluetooth® wireless technology

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

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STANDARD SAFETY AND SECURITY – CONT.

- 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
- Back-up monitor on 3.5-inch Multi-Information Display (SE/Limited)
- Engine immobilizer (SE)
- Anti-theft alarm with engine immobilizer (Limited)

STANDARD MECHANICAL FEATURES**Highlander Grade 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 & SE)
- 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

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)

FACTORY OPTIONS**Base**

- Tech Package: Easy Clean fabric-trimmed interior, tech audio with AM/FM CD player with MP3/WMA playback capability, six speakers, XM Radio (includes 90-day trial subscription), USB port with iPod® connectivity, hands-free phone capability via Bluetooth® wireless technology, in-glass antenna, black roof rails, 8-way power adjustable driver seat with power lumbar support, driver and front passenger two-way adjustable headrests, 2nd row personal reading lamps, 2nd row seat one-touch fold flat levers, lift-up rear glass hatch, 3.5-inch multi-information display with backup camera monitor, metallic-trimmed steering wheel with audio and multi-information display controls, metallic interior door handles, urethane-wrapped shift knob, engine immobilizer, integrated fog lamps, and Tonneau cover.
- Cold weather package: windshield wiper deicer grid and heated outside mirrors
- V6 Towing Prep Package: includes 5000-lb. towing capacity, heavy-duty radiator with engine oil cooler, 200-watt fan coupling, transmission oil cooler with water and air cooler, 150-amp alternator and pre-wired harness
- Four-Cylinder Towing Prep Package -- includes 3500-lb. towing capacity, heavy-duty radiator, 160-watt fan coupling, transmission oil cooler with water and air cooler, 150-amp alternator and pre-wired harness

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FACTORY OPTIONS - CONT.**SE**

- Voice-activated touch-screen DVD navigation system, JBL® AM/FM 4-disc CD changer, with MP3/WMA playback capability, nine speakers including subwoofer, XM Radio with NavTraffic (includes 90-day trial subscription), USB port with iPod® connectivity, CD-text display function, auto sound leveling, hands-free phone capability and music streaming via Bluetooth® wireless technology (V6 only)
- V6 Towing Prep Package: includes 5000-lb. towing capacity, heavy-duty radiator with engine oil cooler, 200-watt fan coupling, transmission oil cooler with water and air cooler, 150-amp alternator and pre-wired harness
- Four-Cylinder Towing Prep Package -- includes 3500-lb. towing capacity, heavy-duty radiator, 160-watt fan coupling, transmission oil cooler with water and air cooler, 150-amp alternator and pre-wired harness

Limited

- JBL® AM/FM 6-disc CD changer with MP3/WMA playback capability, nine speakers, XM Radio (includes 90-day trial subscription), USB port with iPod® connectivity, CD-text display, auto sound leveling, hands-free phone capability and music streaming via Bluetooth® wireless technology
- Voice-activated touch-screen DVD navigation system, JBL® AM/FM 4-disc CD changer, with MP3/WMA playback capability, nine speakers including subwoofer, XM Radio with NavTraffic (includes 90-day trial subscription), USB port with iPod® connectivity, CD-text display function, auto sound leveling, hands-free phone capability and music streaming via Bluetooth® wireless technology
- Rear-seat DVD entertainment system with 9-inch display, rear-seat audio and two wireless headphones (includes 115V AC power outlet and RCA jacks)
- V6 Towing Prep Package: includes 5000-lb. towing capacity, heavy-duty radiator with engine oil cooler, 200-watt fan coupling, transmission oil cooler with water and air cooler, and pre-wired harness

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