2012 Sienna Product Information

All specs are for FWD models, unless noted for AWD models

ENGINE	***L4***	***V6***
Type, Materials	2.7-liter, 4-cylinder, 16-valve, aluminum alloy block with aluminum alloy head	3.5-liter, 6-cylinder, 24-valve, aluminum alloy block with aluminum alloy head
Valve train	DOHC, 4-valve/cylinder	DOHC, 4-valve/cylinder
Displacement	2,672 cc	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 rpm	266 hp @ 6,200 rpm
Torque	186 lb-ft @ 4,100 rpm	245 lb-ft @ 4,700 rpm
Ignition System	TDI	TDI
Fuel System	EFI	EFI
Recommended Fuel	87-octane unleaded	87-octane unleaded
Emission Certification	ULEV II	ULEV II
EPA Estimated Fuel Economy* (city/highway/combined MPG)	19/24/21 (FWD)	18/25/20 (FWD) 17/23/18 (AWD)

**2011 EPA estimated MPG - Actual mileage will vary.*

DRIVETRAIN	***L4***	***V6***
Layout	FWD: 6-speed ECT-i automatic	FWD: 6-speed ECT-i automatic AWD: 6-speed ECT-i automatic
Transmission Type	6-speed ECT automatic	6-speed ECT automatic
Gear Ratios		
1st	3.300	3.300
2nd	1.900	1.900
3rd	1.420	1.420
4th	1.000	1.000
5th	0.713	0.713
6th	0.608	0.608
Reverse	4.148	4.148
Differential Ratio	4.356	FWD: 3.935 AWD: 4.154

All specs are for FWD models, unless noted for AWD models

CHASSIS AND BODY		
Suspension	- Front	Independent MacPherson struts w/stabilizer bar
	- Rear	Torsion beam with stabilizer bar
	- Stabilizer Bar Diameter	Front: 1.02/0.79 inches Front/Rear
Steering	- Type	Electric Motor Assisted Rack and Pinion
	- Overall Ratio	15.5:1
	- Turns (lock to lock)	3.44 turns
	- Turning Circle Diameter (curb to curb)	36.9 feet FWD / 37.3 feet AWD & L4 FWD
Brakes	- Front - type/diameter	Vent. Disc/Disc (2WD/AWD)/ 12.9 inches
	- Front Swept Area	70.99 inches
	- Rear - type/diameter	Disc/12.2 inches
	- Rear Swept Area	47.28 inches
	- Total Swept Area	118.27 inches
Anti-lock Braking System		Four-wheel Anti-lock Brake System (ABS) with Brake Assist (BA) and Electronic Brake-force Distribution (EBD)
Wheel Size		17 x 6.5 inches (Sienna, LE, XLE) 18 x 7 inches (LTD, and all AWD models) 19 x 7 inches (SE model)
Wheel Type and Material		Alloy
Tire Size		P235/60 R17 (Sienna, LE, XLE) P235/55R18 (LTD) P235/55RF18 (AWD models) P235/50R19 (SE)
Tire Type		All-season steel belted radial on FWD models Run-flat all-season tires on AWD models
Spare Tire/Wheel		Temporary spare standard on FWD models and available on AWD models

All specs are for FWD models, unless noted for AWD models

EXTERIOR DIMENSIONS		
Wheelbase		119.3 in.
Overall Length		200.2 in.
Overall Width		78.2 in.
Overall Height (unloaded)		68.9 in. / 70.7 (with roof rails)
Tread Width	- Front	67.7 in.
	- Rear	67.7 in.
Ground Clearance		6.2 in. (SE) 6.5 – 6.7 in.(Varies by model) 6.6 in. (AWD models)
Coefficient of Drag		0.309 FWD / 0.308 AWD / .319 L4

INTERIOR DIMENSIONS		
Seating Capacity		7 or 8
Headroom		
	- Front	41.0 in. (39.1 w/moonroof)
	- Middle (captain's chairs/bench)	39.7 in. (38.0 w/moonroof)
	- Rear	38.3 in. (35.9 w/moonroof)
Legroom	- Front	40.5 in.
	- Middle (captain's chairs/bench)	37.6 in.
	- Rear	36.3 in.
Shoulder Room	- Front	65.0 in.
	- Middle (captain's chairs/bench)	64.6 in.
	- Rear	61.1 in.
Hip Room	- Front	58.6 in.
	- Middle (captain's chairs/bench)	66.1 in.
	- Rear	50.3 in.
Total Volume	- Cargo	150.0 cu. ft. (with second row seats removed) 117.8 cu. ft. (with second row seats folded, and in forward-most position)
	- Passenger	164.4 cu. ft.
Cargo Volume	- Behind second row	87.1 cu. ft.
	- Behind third row	39.1 cu. ft.

All specs are for FWD models, unless noted for AWD models

WEIGHTS AND CAPACITIES FRONT WHEEL DRIVE MODELS							
	FWD 4-cyl	**FWD 6-cyl**	**FWD LE 4-cyl**	**FWD LE 6-cyl**	**FWD SE 6-cyl**	**FWD XLE 6-cyl**	**FWD LTD 6-cyl**
Curb Weight	4,275	4,380	4,310	4,365	4,460	4,490	4,490
Payload	1,550	1,660					1,325
8-Pass. Models			1,575	1,535	1,490	1,390	
GVWR (lbs.)	5,995	5,995	5,995	5,995	5,995	5,995	5,995
Max. Towing Capacity			3,500 lbs. (V6 models)				
Fuel Capacity			20 gal.				
Engine Oil			V6 Models 7.5 qt. (dry engine with oil cooler) 7.2 qt. (dry engine without oil cooler) 6.4 qt. (service oil change with filter replacement) 6.0 qt. (service oil change without oil filter replacement) L4 Models 5.6 qt. (dry engine) 4.6 qt. (service oil change with filter replacement) 4.2 qt. (service oil change without filter replacement)				
Cooling System			L4: 9.2 qt. V6: 11.0 qt., 11.7 qt. with tow package				

All specs are for FWD models, unless noted for AWD models

WEIGHTS AND CAPACITIES AWD MODELS			
	AWD LE 6-cyl	**AWD XLE 6-cyl**	**AWD LTD 6-cyl**
Curb Weight	4,585	4,735	4,750
Payload	1,375	1,190	1,190
GVWR	5,995	5,995	5,995
Max. Towing Capacity	3,500 lbs. (with tow prep package)		
Fuel Capacity	20 gal.		
Engine Oil	<u>V6 Models</u> 7.5 qt. (dry engine with oil cooler) 7.2 qt. (dry engine without oil cooler) 6.4 qt. (service oil change with filter replacement) 6.0 qt. (service oil change without oil filter replacement) <u>L4 Models</u> 5.6 qt. (dry engine) 4.6 qt. (service oil change with filter replacement) 4.2 qt. (service oil change without filter replacement)		
Cooling System	L4: 9.2 qt. V6: 11.0 qt., 11.7 qt. with tow package		

All specs are for FWD models, unless noted for AWD models

STANDARD EXTERIOR FEATURES

Sienna

- Color-keyed bumpers, and body side moldings
- Projector-beam halogen headlamps with auto-off feature, and Daytime Running Lights with manual on/off feature
- Black power outside mirrors
- P235/60R17 all-season tires on 5-spoke alloy wheels
- Dual sliding doors with power windows
- Power front and sliding door windows with retained-power
- Washer-linked variable intermittent front windshield wipers
- Integrated color-keyed rear spoiler with center high mount stop lamp with concealed intermittent rear window wiper
- Remote keyless entry
- Heavy-duty rear window defogger with timer
- Manual rear side quarter windows

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

- Color-keyed heated power outside mirrors
- Front grille with chrome style surround
- Color-keyed door handles
- Dual power sliding side doors (V6 models, included in a package on L4 models)
- Privacy glass
- Color-keyed license plate garnish
- Roof rails (V6 models, included in the Convenience Package on L4 models)
- Rear bumper protector
- Roof-mounted XM Radio antenna (V6 models, optional on SE, standard on XLE models)

SE (In addition to or in place of LE features)

- Projector-beam halogen headlamps with smoked sport trim, auto on/off feature, and Daytime Running Lights with manual on/off feature
- Integrated wide angle front fog lamps
- Sport Mesh front grille with smoked-chrome style surround
- Color-keyed front and rear underbody spoilers and side rocker panels
- P235/50R19 all-season tires on 19 in. 6-spoke Super Chrome finished alloy wheels
- LED (light emitting diode) tail and stop lamps with smoked sport trim
- Power rear door
- Tow prep package

All specs are for FWD models, unless noted for AWD models

STANDARD EXTERIOR FEATURES-CONT'D.

XLE (In addition to or in place of Sienna and LE standard features)

- Projector-beam halogen headlamps with auto on/off feature, and Daytime Running Lights with manual on/off feature
- Gray metallic front grille with chrome style surround
- Dual power sliding doors
- Power tilt/slide moonroof
- P235/60R17 all-season tires on 17 in. 7-spoke machine finished alloy wheels
- Tow prep. package

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

- Satin chrome front grille with chrome style surround
- Color-keyed power foldable, electrochromic, reverse-linked heated outside power mirrors with memory feature, puddle lamps and integrated turn signal indicators
- Dual moonroof with front power tilt/slide, and rear slide feature
- P235/55R18 all-season tires on 10-spoke machine finished alloy wheels
- In-glass AM/FM antenna
- Roof-mounted fin-type XM Radio/Safety Connect™ antenna

AWD (In addition to FWD (all grades)

- P235/55RF18 run flat tires on 18 in. 10-spoke machine finished alloy wheels

STANDARD INTERIOR FEATURES

Sienna

- Tilt/telescopic steering wheel
- Analog speedometer, tachometer, fuel gauge, LCD odometer, and trip meters, coolant temperature, and ECO driving indicator
- Cruise Control
- Tri-zone manual CFC-free air conditioning with air filter, and rear control panel
- Day/night rearview mirror
- Dual adjustable sun visors with illuminated vanity mirrors
- Overhead console with map lights, door light setting, dome light control, conversation mirror, and sunglass holder
- Center lower storage compartment
- Center lower floor tray
- Bi-level glove compartment with locking lower level
- 10 cup holders, 12 cup holders on 8-passenger models
- Coin holder
- Front and rear door map pockets with integrated bottle holders
- Fabric trimmed 6-way driver's captain's chair with seat back pocket; 4-way front passenger captain's chair with seat back pocket

All specs are for FWD models, unless noted for AWD models

STANDARD INTERIOR FEATURES CONT'D

- Power windows with auto up/down, jam protection, and retained power feature with manual rear quarter windows
- Power door locks with shift-activated locking feature and anti-lockout feature
- Remote Keyless Entry with lock, two-stage unlock, and panic function
- Retractable assist grips at all outboard seating positions
- Removable fabric-trimmed second row Captain's Chairs with Tip Up and Long Slide features
- Three 12V power outlets
- Four coat hooks
- 60/40 Split & Stow 3rd Row seat
- Cargo area storage compartment, and side panel storage compartment

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

- Tilt/telescopic steering wheel with audio, telephone, and voice command controls (included in a package on L4 models)
- 3.5 in. TFT multi-information display with customizable settings, back up monitor, clock, outside temperature, open door indicator, and cruise information
- Auto-dimming electrochromic rear view mirror with compass and Homelink™ universal transceiver (included in a package on L4 models)
- Overhead console with map lights, side door controls, door light setting, dome light control, conversation mirror, sunglass holder, and microphone
- Fixed center console with illuminated storage compartment, two front illuminated cup holders, and two rear cup holders (optional on four-cylinder/standard on V6)
- Easy-clean fabric trimmed 8-way driver's Captain's Chair with seatback pocket, 4-way front passenger Captain's Chair with seat back pocket. (power lumbar support is included on V6 models)
- Remote Keyless Entry with lock, two-stage unlock, and panic function, with power sliding door controls
- Removable Easy-Clean Fabric-trimmed 40:20:40 second row Captain's Chairs with Tip Up and Long Slide features (includes stowable center seat section on 8-passenger models)
- Manual second and third row sunshades (included in a package on L4 models)
- Side panel storage compartment for second row center seat (8-passenger models)

SE (In addition to or in place of Sienna and LE standard features)

- Textured leather-trimmed tilt/telescopic steering wheel with audio controls
- Sport meter cluster with speedometer, tachometer, fuel gauge, LCD odometer and tripmeters, and coolant temperature
- Leatherette-trimmed sport fabric 8-way power driver's Captain's Chair with seat back pocket, 4-way front passenger Captain's Chair with seat back pocket
- Tri-zone CFC-free automatic climate control system with air filter, and rear control panel
- 3.5 in. TFT multi-information display with customizable settings, back up monitor, clock, outside temperature, air conditioning indicator for front and rear seats, open door indicator, and cruise information
- Auto-dimming electrochromic rearview mirror with compass and HomeLink™ universal transceiver

All specs are for FWD models, unless noted for AWD models

STANDARD INTERIOR FEATURES CONT'D

XLE (In addition to or in place of Sienna and LE standard features)

- Textured leather-trimmed tilt/telescopic steering wheel with audio, telephone, and voice command controls
- Optitron meter with speedometer, tachometer, fuel gauge, LCD odometer and trip meters, and coolant temperature
- 3.5 in. TFT multi-information display with customizable settings, back up monitor, clock, outside temperature, air conditioning indicator for front and rear seats, open door indicator, and cruise information
- Overhead console with moonroof controls, side and rear door controls, map lights, door light setting, dome light control, conversation mirror, sunglass holder, and microphone
- Wood grain-style fixed center console with illuminated storage compartment, two front illuminated cup holders, and two rear cup holders
- Textured leather-trimmed 8-way power driver's Captain's Chair with seat back pocket; 4-way power front passenger Captain's Chair with seat back pocket
- Removable leather-trimmed second row Lounge Seating with Long Slide feature (AWD models only)
- Heated driver and front passenger seats with adjustable temperature control
- Power windows with auto up/down, jam protection, and retained power feature with power rear quarter windows
- Auto-dimming electrochromic rearview mirror with compass and HomeLink™ universal transceiver
- Removable leather-trimmed 40:20:40 second row Captain's Chairs with Tip Up, and Long Slide features (includes stowable center seat section on 8-passenger models)

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

- Wood grain-style and leather-trimmed tilt/telescopic steering wheel with audio, telephone, and voice command controls
- Overhead console with Safety Connect™, front and rear moonroof controls, side and rear power door controls, map lights, door light setting, dome light controls, roof illumination, conversation mirror, sunglass holder, and microphone
- Sliding center console with illuminated storage compartment, two front illuminated cup holders, and two rear cup holders
- Two-tone leather-trimmed 8-way power driver's Captain's Chair with driver memory function, and seat back pocket; 4-way power front passenger Captain's Chair with seat back pocket
- Smart Key System on all doors with Push Button Start and remote illuminated entry
- Removable leather-trimmed second row Lounge Seating with Long Slide feature
- Leather-trimmed power 60:40 Split & Stow 3rd Row seat

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STANDARD AUDIO SYSTEMS

- AM/FM/MP3 CD player, four speakers, XM compatible, audio aux. jack, and Auto Sound Leveling (Sienna, LE L4 models)
- AM/FM/MP3 CD player, six speakers, XM Radio, audio aux jack, USB port with i-Pod connectivity, hands-free phone capability, and music streaming via Bluetooth® wireless technology, Vacuum Florescent Display, and Auto Sound Leveling (LE V6, SE and XLE models)
- JBL AM/FM/MP3 6-disc CD changer, ten speakers, XM Radio, audio aux jack, USB port with i-Pod connectivity, hands-free phone capability, and music streaming vie Bluetooth wireless technology, Vacuum Florescent Display, and Auto Sound Leveling (Limited models)
- (Available Jan. 2012) Entune navigation, XM Radio, audio aux jack, USB port with i-Pod connectivity, hands-free phone capability, and music streaming vie Bluetooth wireless technology

STANDARD SAFETY AND SECURITY

All Models

- STAR Safety System – includes Anti-lock Brakes (ABS), Electronic Brake-force Distribution (EBD), Brake Assist (BA), Vehicle Stability Control (VSC), and Traction Control (TRAC)
- Front ventilated disc / rear solid disc brakes
- Tire pressure monitor system
- Three-point seatbelts in all seating positions with adjustable seatbelt anchors on front and second row seats, driver's seatbelt Emergency Locking Retractor (ELR), and Automatic Locking Retractors (ALR) on all other seatbelts
- Front seatbelts with pretensioners and force limiters
- Driver and front passenger seatbelt warning system
- Driver and front passenger Active Headrests
- Driver and front passenger airbags with Advanced Airbag System
- Driver and front passenger seat-mounted side airbags
- Driver knee airbag
- Three-row side curtain airbags
- Energy absorbing collapsible steering column
- Reinforced steel unitized body with high-tensile strength steel (incorporates front and rear crumple zones)
- Side impact beams in front and sliding side doors
- CRS LATCH (Lower Anchors and Tethers for CHildren)
- Child protector sliding door locks
- Windshield wiper de-icer grid
- Daytime running lights with manual on/off feature
- Battery-saver feature

All specs are for FWD models, unless noted for AWD models

STANDARD SAFETY AND SECURITY-CONT'D.

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

- Jam protection function with auto-reverse on power sliding doors
- Engine immobilizer

XLE (In addition to or in place of LE and SE standard features)

- Jam protection function with auto-reverse on power sliding doors and rear door
- Anti-theft system with engine immobilizer

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

- Safety Connect™
- Front and rear sonar

STANDARD MECHANICAL FEATURES

Sienna

- 2.7 liter DOHC 16-valve Dual VVT-i 4-cylinder engine
- 3.5 liter DOHC 24 valve Dual VVT-i 6-cylinder engine
- 6-speed electronically controlled automatic overdrive transmission with intelligence (ECT-i)
- Front-wheel drive system
- MacPherson strut front suspension with gas-filled shocks; torsion beam rear suspension with coil springs and gas-filled shocks; front and rear stabilizer bars
- Electric Power Steering (EPS) assisted rack and pinion
- Four-wheel disk brakes (front ventilated, rear solid) – includes Star Safety System brake control components

AWD Models

- On-demand All-wheel Drive System with Active Torque Control

FACTORY OPTIONS

LE Convenience Package (LE 4 Cylinder only)

- Fixed Center Console
- Roof Rails

LE Preferred Package (LE 4 Cylinder only)

- Dual power sliding doors
- Power driver seat with power lumbar support
- Electrochromatic rearview mirror with Homelink™
- Multi-Information display with backup camera and thermometer
- Rear window sunshades
- AM/FM/MP3 CD player, six speakers, XM Radio (includes 90-day trial subscription), auxiliary audio jack, USB port with iPod® connectivity, hands-free phone capability and music streaming via Bluetooth® wireless technology, Vacuum Florescent Display, and steering wheel audio controls
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All specs are for FWD models, unless noted for AWD models

FACTORY OPTIONS-CONT'D.

SE Moonroof Package
- Moonroof

SE Navigation Package (available Jan. 2012)
- Entune Navigation headunit

SE Premium Package (available Jan. 2012)
- Dual View Entertainment Center with two wireless headphones and two 120V AC outlets
- SE Navigation Package
- Moonroof

XLE Entertainment Package
- Dual View Entertainment Center with two wireless headphones and two 120V AC outlets

XLE Navigation Package

XLE Premium Package
- Dual View Entertainment Center with two wireless headphones and two 120V AC outlets
- Voice-activated touch-screen DVD navigation system with Panorama Camera including integrated backup camera with two views (regular mode and wide angle mode) and on-screen backup guides
- JBL® AM/FM/MP3 4-disc CD changer, ten speakers, XM Radio with NavTraffic (includes 90-day trial subscription), auxiliary audio jack, USB port with iPod® connectivity, hands-free phone capability and music streaming via Bluetooth® wireless technology
- Smart Key System on all doors with Push Button Start and remote illuminated entry
- Rear Parking Sonar
- Safety Connect™

LTD Entertainment Package
- Dual View Entertainment Center with two wireless headphones and two 120V AC outlets

LTD Navigation Package
- Voice-activated touch-screen DVD navigation system with Panorama Camera including integrated backup camera with two views (regular mode and wide angle mode) and on-screen backup guides
- JBL® AM/FM/MP3 4-disc CD changer, ten speakers, XM Radio with NavTraffic (includes 90-day trial subscription), auxiliary audio jack, USB port with iPod® connectivity, hands-free phone capability and music streaming via Bluetooth® wireless technology

LTD Premium Package
- Dual View Entertainment Center with two wireless headphones and two 120V AC outlets
- Voice-activated touch-screen DVD navigation system with Panorama Camera including integrated backup camera with two views (regular mode and wide angle mode) and on-screen backup guides
- JBL® AM/FM/MP3 4-disc CD changer, ten speakers, XM Radio with NavTraffic (includes 90-day trial subscription), auxiliary audio jack, USB port with iPod® connectivity, hands-free phone capability and music streaming via Bluetooth® wireless technology

LTD Convenience Package
- High Intensity Discharge (HID) headlamps with auto-off feature and Automatic High Beam
- Rain Sensing Wipers

LTD Advanced Technology Package
- Dynamic Radar Cruise Control (DRCC)
- Pre-Collision System (PCS)
- Vehicle Dynamics Integrated Management System (VDIM)
- Hill Assist Control (HAC)

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AVAILABLE EXTERIOR COLORS

- Pre Dawn Gray Mica
- South Pacific Pearl
- Super White
- Blizzard Pearl
- Silver Sky Metallic
- Black
- Sandy Beach Metallic
- Cypress Pearl
- Salsa Red 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