



2012 Prius v Product Information

HYBRID POWER SYSTEM	
Hybrid System Net Horsepower	134 horsepower (100 kW)
ENGINE	2ZR-FXE (Atkinson cycle)
Type, Materials	1.8-liter Aluminum 4-cylinder aluminum block and head, double overhead cam (DOHC) 16-valve VVT-i
Valvetrain	4-valve/cylinder with VVT-i
Displacement	1,798 cc
Bore x Stroke	3.17 x 3.48 in.
Expansion Ratio	13.0:1
Horsepower (SAE Net)	98 horsepower @ 5,200 rpm (73kW) @5,200 rpm)
Torque	105 lb-ft @ 4,000 rpm (142 Nm @4,000 rpm)
Recommended Fuel	87-octane unleaded
Emission Certification	SULEV Tier 2 Bin 3
EPA Estimated Fuel Economy* (city/highway/combined MPG)	44/40/42
MOTOR GENERATOR TWO	
Function	Drives front wheels, regeneration during braking
Type	Permanent Magnet AC Synchronous Motor
Max Voltage	DC650V
Electric Motor Power Output	80 hp/60 kW
Torque	153 lb.-ft. (207 Nm)
HYBRID BATTERY PACK	
Type	Nickel-Metal Hydride
Nominal Voltage	DC201.6V (168 x 1.2V cells)
Capacity	6.5 ampere hour
Battery Peak Horsepower Rating	36 hp/27kw
System Voltage	650 volts maximum

* 2011 EPA MPG estimate. Actual mileage will vary.

DRIVETRAIN	
Transmission Type	Electronically controlled continuously variable transmission (ECVT)

PERFORMANCE	
Acceleration 0-60 mph	10.4 seconds
Top speed	103mph

CHASSIS AND BODY		
Suspension	- Front	Independent MacPherson strut suspension with stabilizer bar
	- Rear	Torsion beam
Steering	- Type	Electric power-assisted rack-and-pinion
	- Turning circle diameter, curb to curb (ft.)	36.1 (16-inch tires) 38.1 (17-inch tires)
Brakes	- Front	Power-assisted ventilated front disc with integrated regenerative braking and Star Safety System™
	- Front Diameter	10.8 in. rotor
	- Rear	Solid disc with integrated regenerative braking and Star Safety System™
	- Rear Diameter	11.5 in. rotor
	- Parking	Pedal brake
Anti-lock Brake System (ABS)		Standard
Wheel Size		6.5J x 16 in. 7J x 17 in. (available)
Wheel Type and Material		10-spoke aluminum alloy
Tire Size		P205/60 R16 P215/50 R17 (available)
Tire Type		All-season
Spare Tire/Wheel		Temporary (T135/70 D17)

EXTERIOR DIMENSIONS		
Overall Length		181.7 in.
Overall Width		69.9 in.
Overall Height		62.0 in. (63.0 w/ Panoramic Roof)
Wheelbase		109.4 in.
Tread Width (Front/Rear)		60.6/60.8 in. (16-inch tires) 60.2/60.4 in. (17-inch tires)
Front Overhang		36.6 in.
Rear Overhang		35.6 in.
Ground Clearance		5.7 in.
Coefficient of Drag		0.29

INTERIOR DIMENSIONS

Seating Capacity	5
Headroom (Front/Rear)	39.6/38.6 in. (40.4/38.2 w/ Panoramic Roof)
Legroom (Front/Rear)	41.3/35.9 in.
Shoulder Room (Front/Rear)	55.9/55.2 in.
Hip Room (Front/Rear)	53.5/53.5 in.
EPA Passenger Volume	97.2 cu. ft.
EPA Cargo Volume (cu. ft.)	With rear seat upright: 34.3. With rear seat forward: 40.2 With rear seat folded: 67.3

WEIGHTS AND CAPACITIES

Curb Weight	3,274 lbs.
Fuel Capacity	11.9 gal.

STANDARD EXTERIOR FEATURES

- Projector-beam halogen headlamps with auto-off feature
- 16-inch 10-spoke alloy wheels with full wheel covers and P205/60R16 tires (Prius v Two and Three only)
- LED taillamps and stoplamps
- Color-keyed power heated outside mirrors with folding feature
- Hybrid Synergy Drive® blue accent badges
- Washer-linked variable intermittent windshield wipers
- Rear window defogger with timer
- Intermittent rear window wiper
- UV reduction glass windshield
- Rear spoiler with LED center high-mount stop lamp
- Roof-mounted antenna (Prius v Three and Five only)

STANDARD INTERIOR FEATURES

- Single-dial automatic climate control with air filter, dust and pollen filtration mode, electric compressor, and push button controls
- Fabric-trimmed front seats with seatback pockets; six way adjustable driver's seat with power lumbar support; four-way adjustable fold-flat front passenger seat (Prius v Two and Three only)
- Front and rear door storage pockets with sculpted bottle holders
- 60/40 split sliding reclining fold-down rear bench with center armrest with adjustable headrests
- Smart Key System on driver's door with Push Button Start and remote illuminated entry (Prius v Two and Three only)
- Digital instrumentation with speedometer, odometer, twin tripmeters, fuel gauge, Hybrid System Indicator, hybrid battery state of charge indicator, instant/average fuel economy, distance to empty and shift- lever indicator,
- Electronic shift lever with Hybrid Synergy Drive® blue accent
- EV/Eco/Power modes

STANDARD INTERIOR FEATURES (CONT.)

- Center console with armrest, storage compartment, removable utility tray, MP3 player/iPod holder, 12V power auxiliary outlet
- Three front and two rear cup holders
- Power windows with auto up/down, jam protection in all positions and retained power features
- Power door locks with shift-linked automatic locking feature with anti-lockout feature
- Remote keyless entry system with lock, two-stage unlocking and panic functions
- Tilt/telescopic steering wheel with audio, climate, and Bluetooth® hands-free phone controls (Prius v Two only)
- Cruise control
- Overhead driver and front passenger map lamps
- Passenger-side dual glove compartment
- Remote hood and fuel-filler releases
- Dual sun visors and illuminated vanity mirrors
- Rear dome lamp and cargo area lamp
- Retractable assist grips at all doors
- One cargo area 12V auxiliary power outlet
- Cargo area under-floor storage, umbrella holder and area side panel storage
- Cargo area tonneau cover with clasp for under-floor stowage

STANDARD AUDIO SYSTEM

- Display Audio — includes 6.1-in. touch-screen with integrated backup camera display, AM/FM CD player with MP3/WMA playback capability, six speakers, auxiliary audio jack, USB port with iPod® connectivity and control, vehicle information with customizable settings, hands-free phone capability, phone book access and music streaming via Bluetooth® wireless technology (Prius v two only)
- Display Audio with Navigation and Entune™ — includes 6.1-in. touch-screen with integrated backup camera display, AM/FM CD player with MP3/WMA playback capability, six speakers, SiriusXM Satellite Radio (includes 90-day trial subscription to XM Select Package), HD Radio™ with iTunes® Tagging, auxiliary audio jack, USB port with iPod® connectivity and control, vehicle information with customizable settings, hands-free phone capability, phone book access, advanced voice recognition, text-to-speech with programmed and customizable text responses, and music streaming via Bluetooth® wireless technology (Prius v three and five only)
Entune™ — includes Bing™ and Pandora®; real-time info, including traffic, weather, fuel prices, sports and stocks. Apps available spring 2012 at no charge include iHeartRadio, MovieTickets.com and OpenTable®. Access to Entune™ services is complimentary for three years. See toyota.com/entune for details

STANDARD SAFETY AND SECURITY

- Star Safety System™ - includes Enhanced Vehicle Stability Control (VSC), Active Traction control (TRAC), Anti-lock Brake System (ABS) with Electronic Brake-force Distribution (EBD), Brake Assist (BA), and Smart Stop Technology (SST).
- Driver and front passenger Advanced Airbag System
- Driver and front passenger front seat-mounted side airbags, driver knee airbag and front and rear side curtain airbags
- Driver and front passenger Whiplash-Injury Lessening (WIL) seats
- Tire Pressure Monitor System (TPMS)
- Front and rear energy-absorbing crumple zones
- Side-impact door beams
- Driver and front passenger seatbelt warning sensor
- Three-point seatbelts with Emergency Locking Retractor for all seating positions
- Adjustable front seat shoulder anchors, driver and front passenger seatbelt pretensioners with force limiters
- LATCH (Lower Anchors and Tethers for Children) for outboard rear seating positions only
- Child-protector rear door locks
- Hill Start Assist Control (HAC)
- Energy absorbing collapsible steering column
- Engine immobilizer
- Vehicle Proximity Notification System
- Temporary spare tire

PRIUS v BUILDS**Prius v Two –**

- Standard equipment only

Prius v Three adds –

- Display Audio with Navigation and Entune™ — includes 6.1-in. touch-screen with integrated backup camera display, AM/FM CD player with MP3/WMA playback capability, six speakers, SiriusXM Satellite Radio (includes 90-day trial subscription to XM Select Package), HD Radio™ with iTunes® Tagging, auxiliary audio jack, USB port with iPod® connectivity and control, vehicle information with customizable settings, hands-free phone capability, phone book access, advanced voice recognition, text-to-speech with programmed and customizable text responses, and music streaming via Bluetooth® wireless technology (Prius v three and five only)

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- Tilt/telescopic steering wheel with audio, climate, Bluetooth® hands-free phone and voice-activated navigation controls.

PRIUS V BUILDS (CONT.)**Prius v Five adds –**

- 17-inch 10-spoke alloy wheels
- SofTex-trimmed heated front seats with seatback pockets; six-way adjustable driver's seat with power lumbar support; four-way adjustable fold-flat front passenger seat
- LED headlamps with auto level control, auto-on/off feature and headlamp cleaners
- Integrated fog lamps
- Three-door Smart Key System
- Auto-dimming rearview mirror with HomeLink® universal transceiver

FACTORY OPTIONS**Prius v Five Advanced Technology Package adds:**

- Premium HDD Navigation with Entune™ and JBL® — includes 7-in. touch-screen with split-screen capability and integrated backup camera display, AM/FM CD player with MP3/WMA playback capability, eight JBL® GreenEdge™ speakers with amplifier, SiriusXM Satellite Radio (includes 90-day trial subscription to XM Select Package), HD Radio™ with iTunes® Tagging, auxiliary audio jack, USB port with iPod® connectivity and control, vehicle information, hands-free phone capability, phone book access, advanced voice recognition, text-to-speech with programmed and customizable text responses, and music streaming via Bluetooth® wireless technology

Entune™ — includes Bing™, iHeartRadio, MovieTickets.com, OpenTable® and Pandora®; XM Data Services, including NavTraffic™, NavWeather™, Fuel, and Sports & Stocks. Access to Entune™ services is complimentary for three years. See toyota.com/entune for details.

- Tilt/telescopic steering wheel with audio, climate, Bluetooth® hands-free phone, voice-activated navigation and Dynamic Radar Cruise (DRCC) controls
- Panoramic View Moonroof with Power Sunshades
- Dynamic Radar Cruise Control (DRCC), Pre-Collision System (PCS), Advanced Parking Guidance System (APGS)
- Safety Connect™ includes Emergency Assistance, Stolen Vehicle Locator, Roadside Assistance and Automatic Collision Notification. Available by subscription. (Complimentary one-year trial subscription)

AVAILABLE EXTERIOR COLORS

- Clear Sky Metallic
- Blizzard Pearl
- Blue Ribbon Metallic
- Magnetic Gray Metallic
- Classic Silver Metallic
- Barcelona Red Metallic
- Black

BASIC LIMITED WARRANTY COVERAGE

- Three-year/36,000-mile Comprehensive
- Five-year/60,000-mile Powertrain
- Five-year/unlimited-mileage Corrosion Perforation
- Eight-year/100,000-mile Hybrid-related Component Coverage