

HYBRID POWER SYSTEM	
Hybrid System Net Horsepower	200 horsepower
ENGINE	
Type, Materials	2.5-liter, 4-cylinder, aluminum alloy block with aluminum alloy head
Valvetrain	16-valve DOHC with VVT-i
Displacement	2,494 cc
Bore x Stroke	3.54 x 3.86 in.
Compression Ratio	12.5:1
Horsepower (SAE Net)	156 hp @ 5,700 rpm
Torque	156 lb-ft @ 4,500 rpm
Recommended Fuel	87-octane or higher - unleaded
Emission Certification	AT-PZEV
EPA Estimated Fuel Economy*	40/39/40
(city/highway/combined MPG)	
ELECTRIC MOTOR	
Туре	Permanent Magnet AC Synchronous Motor
Electric Motor Power Output	105 kW/4,500 RPM
Torque	199 lbft. @ 0-1,500 RPM
HYBRID BATTERY PACK	
Туре	Sealed Nickel-Metal Hydride (Ni-MH)
Nominal Voltage	244.8 V (204 cells, 1.2V/cells)
Capacity	6.5 ampere hour
System Voltage	650 volts maximum

<sup>\*2013</sup> EPA MPG Estimates. Actual mileage will vary.

DRIVETRAIN	
Transmission Type	Electronically Controlled Continuously Variable Transmission – model P314
Final Drive Ration	3.54 to 1



CHASSIS AN	D BODY	
Suspension	- Front	Independent MacPherson strut suspension with stabilizer bar
	- Rear	Independent dual link with stabilizer bar
Steering	- Type	Electric Power Steering (EPS): rack-and-pinion with electric power-assist
	-Overall Ratio	14.8 to 1
	- Turning Circle Diameter (curb to curb)	37.4 ft.
Brakes	- Type	Electronically Controlled Brake system (ECB)
	- Front	Ventilated disc with standard Anti-Lock Brake system (ABS), Brake Assist (BA) and integrated regenerative brake system
	- Front Diameter	11.7 x 1.10 inches
	- Rear	Solid disc with standard Anti-lock Brake System (ABS), Brake Assist (BA) and integrated regenerative brake system
	- Rear Diameter	11.1 x 0.40 inches
	- Parking	Foot pedal type
Anti-lock Brake	e System (ABS)	Standard
Wheel Size		7 x 17 in.
Wheel Type a	nd Material	Multi-spoke design unique to Avalon Hybrid in Aluminum Alloy
Tire Size		P215/55 R17 (XLE)
Tire Type		All-season
Spare Tire/Wh	eel	Temporary T155/70D17 17X4T

EXTERIOR DIMENSIONS	
Wheelbase	111.0 in.
Overall Length	195.2 in.
Overall Width	72.2 in.
Overall Height	57.5 in.
Tread Width (Front/Rear)	62.6/ 62.2
Ground Clearance	5.5 in.
Coefficient of Drag	0.28





INTERIOR DIMENSIONS	
Seating Capacity	5
Headroom (Front/Rear)	38.5 and 37.6 (moonroof) /37.9 in.
Legroom (Front/Rear)	42.1/ 39.2 in.
Shoulder Room (Front/Rear)	58.2/ 56.5 in.
Hip Room (Front/Rear)	55.1/ 54.6 in.
EPA Passenger Volume	102.3 cu. ft. with moonroof
EPA Cargo Volume	14.0 cu. ft.
EPA Class	Midsize Sedan

WEIGHTS AND CAPACITIES	
Curb Weight	3,585 lbs. (XLE Premium)
Fuel Capacity	17 gal.
Oil capacity	4.7 quarts



## 2013 AVALON HYBRID TRIM LEVELS AND FEATURES

	XLE	XLE	
	Premium	Touring	Limited
Exterior	Hybrid	Hybrid	Hybrid
Quadrabeam™ halogen headlights with auto on/off feature	S	s	
High Intensity Discharge (HID) Quadrabeam <sup>™</sup> headlights with auto on/off feature and LED Daytime Running Lights (DRL) accent lighting with on/off feature			s
Automatic high beams			р
Wide-angle fog lights		S	S
LED taillights	s	s	S
Color-keyed heated power outside mirrors with turn signal indicators and manual folding feature	S	S	
Color-keyed, heated, auto-dimming power outside mirrors with turn signal indicators, puddle lights and manual folding feature			s
Power tilt/slide moonroof with sliding sunshade	s	S	S
17-in. multi-spoke alloy wheels - unique to Avalon Hybrid	s	S	S
Washer-linked variable intermittent windshield wipers	s	S	
Rain-sensing washer-linked variable intermittent windshield wipers			S
Acoustic noise-reducing windshield	s	S	S
Hidden exhaust with chrome-accented cover	s	S	S
Aluminum Scuff Plate Door Sills			S
Resin Scuff Plate Door Sills	s	S	
Interior			
Dual zone automatic climate control with air filter and rear-seat vents	s	S	
Three-zone climate control with air filter and rear-seat vents			s
IntelliTouch™ controls for climate control and audio system	s	S	s
Display Audio - inlcudes 6.1-in. touch-screen, AM/FM CD player with MP3/WMA playback capability, 8 speakers, auxiliary audio jack, USB port with iPod® connectivity and control, vehicle information with customizable settings, and hands-free phone capability, phone book access and music streaming via Bluetooth® wireless technology	s		
Display Audio with Navigation and Entune - includes 6.1-in. touch-screen, AM/FM CD player with MP3/WMA playback capability, 9 speakers including amplifier, Sirius XM satellite radio capability (includes 3-month 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, and hands-free phone capability, phone book access, advanced voice recognition, and music streaming via Bluetooth® wireless technology		s	



1	1		
Premium HDD Navigation with Entune <sup>TM</sup> and JBL <sup>®</sup> - includes 7-in. high-resolution touch-screen with split-screen capability, AM/FM CD player with MP3/WMA playback capability, 11 JBL <sup>®</sup> GreenEdge <sup>TM</sup> speakers in 9 locations including subwoofer and amplifier, SiriusXM Satellite Radio capability (includes three-month trial subscription to XM Select Package), HD Radio <sup>TM</sup> with iTunes <sup>®</sup> Tagging, auxiliary audio jack, USB port with iPod <sup>®</sup> connectivity and control, vehicle information with customizable settings, and hands-free phone capability, phone book access, advanced voice recognition, and music streaming via <i>Bluetooth</i> <sup>®</sup> wireless technology			S
Entune® — includes BingTM, iHeartRadio, MovieTickets.com, OpenTable® and Pandora®; real-time info including traffic, weather, fuel prices, sports and stocks. Access to Entune® services is complimentary for three years. See toyota.com/entune for details.		s	s
Backup camera	s	s	S
Cruise control	s	S	S
Dynamic Radar Cruise Control (DRCC)			р
Leather -trimmed tilt/telescopic steering wheel with audio, Multi-information Display, and Bluetooth® hands-free phone controls	s		
Premium Leather -trimmed tilt/telescopic steering wheel audio, Multi- information Display, Bluetooth® hands-free phone, and voice command controls		s	s
Optitron instrumentation with speedometer hybrid system power meter, coolant temperature, fuel gauges; TFT Multi-Information Display with customizable settings, odometer, tripmeter, current/average fuel economy, distance to empty, speed, shift-position indicator, navigation with turn-byturn directions (Limited only), EV, ECO and Sport mode indicators, energy monitor, and warning messages	s	s	S
Leather-trimmed multi-stage heated front seats; 8-way power adjustable driver's seat with power lumbar support; 4-way power adjustable front passenger seat	s	s	
Premium Perforated leather-trimmed multi-stage heated and ventilated front seats; 10-way power adjustable driver's seat with power lumbar support and power cushion extension; 8-way power adjustable front passenger seat			s
Heated rear seats			s
Driver's seat and outside mirrors memory systems		S	s
Fold-down rear seat with center armrest with cup holders and trunk pass-through	s	S	s
Wood-grain style interior trim with smoked chrome interior accents and door handles	S	s	S
White ice interior ambient lighting			S
Smart Key System on front doors and trunk with Push button Start, remote keyless entry system with two-stage unlock, trunk release, and remote illuminated entry	s	s	s
Power door locks with shift linked auto locking feature and anti-lockout feature	S	S	s
Power windows with auto up/down and jam protection in all positions and retained-power features	S	S	S
Rear window defogger with timer	s	S	S
Power rear window sunshade			S





Auto-dimming rearview mirror with compass, maplamps and Homelink® universal transceiver	s	S	s
Covered center console with sliding cover and armrest, storage compartment and 2 front cupholders	S	S	S
Headlamp Auto/off	S	S	S
Illuminated glove compartment	s	s	s
eBin™ sliding electronic device holder with wire management feature and illuminated interior storage with [2] 12V auxiliary power outlets, auxiliary audio jack and USB port	S	S	S
Three 12V auxiliary power outlets (two in eBin™ and one in center console storage compartment	S	S	S
Two front and two rear cupholders	s	S	s

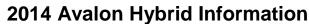
Safety and convenience

Salety and convenience			
Star Safety System	s	S	s
Ten airbags	s	S	s
Whiplash-Injury Lessening (WIL) seats	s	S	s
3 point seatbelts	s	S	s
LATCH	s	S	s
Child protector door locks	s	S	s
Energy absorbing collapsible steering column	s	S	s
Front and rear energy absorbing crumple zones	s	S	s
Side impact door beams	s	S	s
TPMS	s	S	s
Collision sensors: deactivate high-voltage battery (Hybrid)	s	S	s
Daytime running lights (DRL) with on/off feature	s	S	s
LED Daytime running lights (DRL) with on/off feature			s
Safety Connect			s
Pre-Collision System (PCS)			р
Blind Spot Monitor (BSM) with Rear Cross Traffic Alert		S	s
Anti-theft system with alarm and engine immobilizer	s	S	s

## **Packages and Options:**

Available only for Avalon Limited Hybrid

**Tech Package:** Dynamic Radar Cruise Control (DRCC), Automatic High Beams, and Pre-Collision System





## **AVAILABLE EXTERIOR COLORS**

- Blizzard Pearl
- Classic Silver Metallic
- Magnetic Gray Metallic
- Attitude Black Metallic
- Sizzling Crimson Mica
- Champagne Mica
- Moulin Rouge Mica
- Cypress Pearl
- Parisian Midnight Blue

## **BASIC LIMITED WARRANTY COVERAGE**

- 3-year/36,000-mile Comprehensive
- 5-year/60,000-mile Powertrain
- 5-year/unlimited-mileage Corrosion Perforation
- 8-year/100,000-mile Hybrid-related Component Coverage
- 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