

ENGINE	
Type, Materials	3.5-liter, DOHC 24-valve dual VVT-i V6
Valvetrain	4-valve DOHC roller rocker
Displacement	3,456 cc
Bore x Stroke	3.70 x 3.27 in.
Compression Ratio	10.8:1
Horsepower	268 hp @ 6,200 rpm
Torque	248 lb-ft @ 4,700 rpm
Ignition System	Toyota Direct Ignition (TDI)
Fuel System	EFI
Recommended Fuel	87-octane unleaded
Emission Certification	ULEV
EPA Estimated Fuel Economy (city/highway MPG)	21/31 (EPA-rated 25 mpg combined with 17-inch wheels)

DRIVETRAIN		
Layout	Transaxle/Front-wheel drive	
Transmission Type	6-speed ECT-i automatic (U 660E)	
Gear Ratios		
1 st	3.300	
2 nd	1.900	
3 rd	1.420	
4 th	1.000	
5 th	0.713	
6 th	0.608	
Reverse	4.148	
Differential Ratio	3.238	
Differential Type	Open	



CHASSIS AN	D BODY	AVALON					
Suspension	- Front	MacPherson strut suspension with stabilizer bar					
	- Rear	Dual link MacPhersor	n strut suspension wit	th stabilizer bar			
	 Stabilizer Bar Diameter (front/rear) 	25 mm/ 16 mm (0.98	25 mm/ 16 mm (0.98 in. / 0.63 in.)				
Steering	- Type	Electrically assisted ra	ack-and-pinion (EPS))			
	- Overall Ratio	14.8. to 1					
	- Turns (lock to lock)	2.85 turns					
	 Turning Circle Diameter (curb to curb) 	37.4 ft.					
Brakes	- Front - type/diameter	Ventilated disc/11.7 in	n. x 1.10 in				
	- Front Swept Area	248.6 sq in.					
	- Rear - type/diameter	Solid disc/11.1 in. x 0.40 in					
	- Rear Swept Area	160.0 sq in.					
	- Parking	Foot applied pedal					
Anti-lock Brak	e System (ABS)	Standard					
		XLE/ XLE Premium	XLE Touring	Limited			
Wheel Size		17.0 x 7.0 in.	18.0 x 7.5 in.	18.0 x 7.5 in.			
Wheel Type a	nd Material	10 spoke alloy	10 spoke alloy	10 spoke alloy			
Tire Size		P215/55 R17	P225/45 R18	P225/45 R18			
Tire Type		All-season	All-season	All-season			
Spare Tire/Wh	neel	T155/70D17 /17 x 4T	T155/70D17 /17 x 4T	T155/70D17 /17 x 4T			

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 in.
Ground Clearance	5.5 in.
Coefficient of Drag	0.28



INTERIOR DIMENSIONS	
Seating Capacity	5
Headroom (Front/Rear)	38.5 or 37.6 in (moonroof) /37.9 in.
Legroom (Front/Rear)	42.1/ 39.2 in.
Shoulder Room (Front/Rear)	58.2/ 56.9in.
Hip Room (Front/Rear)	55.1/ 54.6 in.
EPA Passenger Volume	103.6 cu. ft.
	102.3 cu. ft. (moonroof)
EPA Cargo Volume	16.0 cu. ft.
EPA Class	Midsize sedan

WEIGHTS AND CAPACITIES	
Curb Weight	3,461 lbs. (XLE grade)
Maximum Towing Weight	1,000 lbs.
Fuel Capacity	17.0 gal.
Engine Oil	6.5 qt.



2013 AVALON TRIM LEVELS AND FEATURES

		XLE	XLE	
	XLE	Premium	Touring	Limited
Exterior	3.5L	3.5L	3.5L	3.5L
Quadrabeam™ halogen headlights with auto on/off feature	S	S	S	
High Intensity Discharge (HID) Quadrabeam [™] 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	S
Color-keyed heated power outside mirrors with turn signal indicators and manual folding feature	S	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. silver-painted alloy wheels	S	S		
18-in. silver painted alloy wheels (Gunmetal finish on Touring)			S	S
Washer-linked variable intermittent windshield wipers	S	S	S	
Rain-sensing washer-linked variable intermittent windshield wipers				S
Acoustic noise-reducing windshield	S	S	S	S
Dual chrome-tipped integrated exhaust	S	S	S	S
Aluminum Scuff Plate Door Sills				S
Resin Scuff Plate Door Sills	S	S	S	
Interior	_			
Dual zone automatic climate control with air filter and rear-seat vents	S	S	S	
Three-zone climate control with air filter and rear-seat vents				S
IntelliTouch™ controls for climate control and audio system 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	S S	S	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	
Premium HDD Navigation with Entune TM and JBL® - includes 7-in. high-resolution touch-screen with split-screen capability, AM/FM CD player with MP3/WMA playback capability, 11 JBL® GreenEdge M speakers in 9 locations including subwoofer and amplifier, SiriusXM Satellite Radio capability (includes three-month trial subscription to XM Select Package), HD Radio M 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
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	Ø
Backup camera	S	S	S	s
Cruise control	S	S	S	8
Dynamic Radar Cruise Control (DRCC)				р
Leather -trimmed tilt/telescopic steering wheel with audio, Multi-information Display, and Bluetooth® hands-free phone controls	S	S		
Premium Leather -trimmed tilt/telescopic steering wheel with paddle shifters and audio, Multi-information Display, Bluetooth® hands-free phone, and voice command controls			S	S
Optitron instrumentation with speedometer, tachometer, 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-by-turn directions (Limited only), ECO and Sport mode indicator, ECO Drive Level Indicator, and warning messages	S	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	w	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	S
Wood-grain style interior trim with smoked chrome interior accents and door handles	S	S	S	S
White ice interior ambient lighting				S



Smart Key System on front doors with Push button Start, remote keyless entry system with two-stage unlock, trunk release, and remote illuminated entry	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	S
Power windows with auto up/down and jam protection in all positions and retained-power features	S	S	S	S
Rear window defogger with timer	S	S	S	S
Power rear window sunshade				S
Headlamp Auto/off	S	S	S	S
Day/night rearview mirror, maplamps	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	S
Illuminated glove compartment	s	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	S
Three 12V auxiliary power outlets (two in eBin™ and one in center console storage compartment	S	S	S	S
Two front and two rear cupholders	S	S	S	S

Safety and convenience

Caroty and convenience				
Star Safety System	S	S	S	S
Ten airbags	S	S	S	S
Whiplash-Injury Lessening (WIL) seats	S	S	S	S
3 point seatbelts	S	S	S	S
LATCH	S	S	S	S
Child protector door locks	S	S	S	S
Energy absorbing collapsible steering column	S	S	S	s
Front and rear energy absorbing crumple zones	S	S	S	s
Side impact door beams	S	S	S	S
TPMS	S	S	S	S
Daytime running lights (DRL) with on/off feature	S	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	S



Packages and Options:

Available only for Avalon Limited

Tech Package that includes: Dynamic Radar Cruise Control, Automatic High Beams, and Pre-Collision System

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
- 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