



2019 Avalon Product Information

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ENGINE	
Type, Materials	3.5-liter, six-cylinder, double-overhead cam, 24-valve, D-4S Dual Injection with VVT-iW and VVT-i
Valve train	DOHC, four-valve/cylinder
Displacement	3,456 cc
Bore x Stroke	3.70 x 3.27 in.
Compression Ratio	11.8:1
Horsepower (SAE Net)	301 hp @ 6,600 rpm
Torque	267 lb-ft @ 4,700 rpm
Ignition System	Electronic, Toyota Direct Ignition (TDI)
Fuel System	SFI
Recommended Fuel	87-octane unleaded or higher
Emission Certification	ULEV II
EPA Estimated Fuel Economy* (city/highway/combined MPG)	22/32/26 (FWD – XLE) 22/31/25 (FWD – XSE, Limited, Touring)

*2019 EPA estimated MPG - Actual mileage will vary.

DRIVETRAIN	
Layout	FWD
Transmission Type	Direct Shift - 8AT 8-speed Electronically Controlled Automatic Transmission with intelligence (ECT-i) with sequential shift mode
Gear Ratios	
1 st	5.519
2 nd	3.184
3 rd	2.050
4 th	1.491
5 th	1.234
6 th	1.000
7 th	0.800
8 th	0.673
Reverse	4.220
Differential Ratio	2.561

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CHASSIS AND BODY		
Suspension	- Front	Independent MacPherson strut front suspension with stabilizer bar; Adaptive Variable Suspension system (AVS) (Touring)
	- Rear	Multi-link rear suspension w/ stabilizer bar and springs; Adaptive Variable Suspension system (AVS) (Touring)
	- Stabilizer Bar Diameter (mm front/rear)	24.2 / 25 (XLE)
		27 / 27 (XSE) 25.4 / 25.4 (Limited) 27 / 27 (Touring)
Steering	- Type	Electric Power Steering (EPS): rack-and-pinion with electric power-assist
	- Overall Ratio	TBD
	- Turning Circle Diameter (curb-to-curb)	37.7 ft. (XLE)
		38.7 (Limited) 38.6 (XSE) 38.7 (Touring)
Brakes	- Front Type	Power-assisted Ventilated disc
	- Front Diameter	12.0 in.
	- Rear Type	Solid Disc
	- Rear Diameter	11.06 in.
	- Parking	Automatic Electric Parking Brake
Anti-lock Brake System (ABS)	Standard	
Wheels	17-in. silver-painted alloy wheels w/ P215/55/R17 tires (XLE) 18-in. super chrome alloy wheels w/ P235/40R18 tires (Limited) 19-in. black-painted machined finish alloy wheels w/ P235/40R19 tires (XSE, Touring)	
Tire Type	All-season steel-belted radial blackwalls	
Spare Tire/Wheel	Temporary (T155/70D17)	

EXTERIOR DIMENSIONS	
Wheelbase	113.0 in.

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Overall Length	195.9 in.
Overall Width	72.8 in.
Overall Height	56.5 in.
Tread Width - Front/Rear	63.0/63.6 in. (XLE) 62.6/63.4 in. (Limited, XSE, Touring)
Ground Clearance	5.3 in.
Coefficient of Drag (Cd)	0.27

INTERIOR DIMENSIONS		
Seating Capacity	5	
Headroom	w/o moonroof	w/ moonroof
- First	38.5 in.	37.4 in.
- Second	37.9 in.	37.5 in.
Legroom		
- First	42.1 in.	
- Second	40.3 in.	
Shoulder Room		
- First	58.3 in.	
- Second	57.1 in.	
Hip Room		
- First	55.8 in.	
- Second	54.8 in.	
EPA Cargo Volume		
- Rear Seatbacks Up	16.09 cu. ft.	
EPA Interior Volume	TBD	
Passenger Volume	102.9 cu. ft. (XLE, Limited, XSE, Touring w/ moonroof) 104.3 cu. ft. (XLE w/o moonroof)	
EPA Class	Midsize	

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WEIGHTS AND CAPACITIES	
Curb Weight	3,560 lbs. (XLE) 3,660 lbs. (Limited) 3,638 lbs. (XSE) 3,704 lbs. (Touring)
Maximum Towing Capacity	N/A
Fuel Capacity	14.5 gal. (XLE) 15.8 gal. (Limited, XSE, Touring)

EXTERIOR FEATURES BY GRADE (— = Not Available, P = Package, S = Standard)				
	XLE	Limited	XSE	Touring
Front chrome grille surround with dark gray insert	S	S	-	-
Front chrome grille surround with dark gray insert and active grille shutter	-	-	-	-
Front piano black grille with sport mesh insert	-	-	S	S
Front piano black grille with sport mesh insert and active grille shutter	-	-	-	-
Aerodynamic front tangential venting	S	S	S	S
Piano black rear spoiler	-	-	S	S
Dual exhaust with chrome tips	S	S	-	-
Dual exhaust with quad chrome tips	-	-	S	S
Single hidden exhaust	-	-	-	-
Intake Sound Generator (ISG)	-	-	S	S
Sport sound-tuned exhaust	-	-	P	S
LED reflector headlamps and LED DRL with auto on/off feature	S	-	-	-
LED reflector headlamps with smoked chrome bezel and on/off feature; LED DRL with auto on/off feature	-	-	S	-
LED headlamps with smoked chrome bezel and of/off feature; fully-integrated LED DRL with auto on/off feature and laser ablation design with dynamic turn signal	-	S	-	S
LED tail lights	S	-	S	-
LED tail lights with laser ablation and dynamic turn signal	-	S	-	S

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Front and rear dynamic auxiliary turn signal	-	S	-	S
Color-keyed heated power outside mirrors w/ EC, turn signal and blind spot warning indicators ²⁴ and memory features	-	S	-	-
Color-keyed heated manual outside mirrors with turn signal and blind spot warnings indicators ²⁴	S	-	-	-
Color-keyed heated power outside mirrors w/ piano black mirror caps, EC, turn signal and blind spot warning indicators ²⁴ and memory features	-	-	-	S
Color-keyed heated manual outside mirrors with piano black mirror caps, turn signal and blind spot warnings indicators ²⁴	-	-	S	-
17-in. silver-painted alloy wheels with P215/55/R17 tires	S	-	-	-
18-in. super chrome alloy wheels with P235/40R18 tires	-	S	-	-
19-in. black-painted machined finish alloy wheels P235/40R19 tires	-	-	S	S
18-in. dark gray-painted alloy wheels with P235/45R18 tires	-	-	-	-
Power tilt/slide moonroof with sliding sunshade	P	S	S	S
Acoustic noise-reducing windshield and driver and front passenger side windows	S	S	S	S
High Solar Energy-Absorbing (HSEA) glass	S	S	S	S

INTERIOR FEATURES BY GRADE (— = NOT AVAILABLE, P = PACKAGE, S = STANDARD)				
	XLE	Limited	XSE	Touring
Dual zone automatic climate control with air filter and rear-seat vents	S	S	S	S
Dual zone automatic climate control with air filter, electric compressor, humidity sensor and rear-seat vents	-	-	-	-
Active Noise Control (ANC)	-	-	P	S
Engine Sound Enhancement (ESE)	-	-	P	S
Genuine wood interior trim	-	S	-	-
Genuine aluminum interior trim	-	-	S	S
Hydrographic interior trim	S	-	-	-

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Ambient lighting for cup holders, side of console and door handles	-	S	-	S
10-in. color Head-Up Display (HUD) with customizable settings, speedometer, navigation, shift position, compass, TSS-P indicators, audio, phone, and outside temperature and adjustable brightness	-	S	-	S
10-in. color Head-Up Display (HUD) with customizable settings, speedometer, navigation, shift position, compass, TSS-P indicators, audio, phone, outside temperature, Hybrid System Indicator, and adjustable brightness	-	-	-	-
SofTex®-trimmed heated front seats, 8-way adjustable driver's seat with 2-way power lumbar; 8-way adjustable passenger seats	S	-	-	-
SofTex®-trimmed seats with perforation + Ultrasuede® heated front seats, 8-way adjustable driver's seat with 2-way power lumbar; 8-way adjustable passenger seats	-	-	S	-
Premium leather-trimmed heated and ventilated front seats, 8-way adjustable driver's seat with 4-way power lumbar; 8-way adjustable passenger seats with 4-way power lumbar	-	S	-	-

SofTex®-trimmed seats with perforation + Ultrasuede® heated and ventilated front seats, 8-way adjustable driver's seat with 4-way power lumbar; 8-way adjustable passenger seats with 4-way power lumbar	-	-	-	S
60/40 split folding rear seats with 2 adjustable and 1 fixed headrest, armrest with cup holders	S	S	S	S
Heated rear seats	-	S	-	S
Auto-dimming rear-view mirror with compass, maplights and HomeLink® Universal Transceiver	S	-	-	-
Frameless auto-dimming rear-view mirror with HomeLink® Universal Transceiver	-	S	S	S
7-in. TFT Multi-Information Display with customizable settings, odometer outside temperature, fuel economy and trip information, current/average fuel economy, distance to empty, average speed, trip distance with timer, TPMS, scheduled maintenance, compass and warning messages	S	S	S	S
7-in. TFT Multi-Information Display with customizable settings, odometer outside temperature, fuel economy and trip information, current/average fuel economy,	-	-	-	-

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distance to empty, average speed, hybrid system information, energy monitor, TPMS, scheduled maintenance, compass and warning messages				
Heated tilt & telescopic premium leather-trimmed steering wheel with memory function, multi-information display, audio Bluetooth® hands-free and voice-command controls	-	S	-	-
Heated tilt & telescopic premium leather-trimmed steering wheel with memory function, multi-information display, paddle shifters, audio Bluetooth® hands-free and voice-command controls	-	-	-	S

Tilt & telescopic premium leather-trimmed steering wheel, multi-information display, paddle shifters, audio Bluetooth® hands-free and voice-command controls	-	-	S	-
Tilt & telescopic leather-trimmed steering wheel with multi-information display, audio Bluetooth® hands-free and voice-command controls	S	-	-	-
Four USB 2.0 charge ports	S	S	S	S
Qi-compatible wireless charging system	P	S	S	S
Aluminum pedal covers	-	-	S	S
Smart Key System on front doors and trunk with Push Button Start, remote keyless entry system and remote illuminated entry	S	S	S	S
Power windows with 4-window auto up/down, jam protection and retained-power features	S	S	S	S
Rear window defogger with timer	S	S	S	S
Power door locks with shift-linked automatic locking feature with anti-lockout feature	S	S	S	S
Overhead console with maplights, sunglasses storage and safety connect button	S	S	S	S
Covered center console, armrest and storage	S	S	S	S
One 12V auxiliary power outlet	S	S	S	S
Dual sun visors with sliding extensions and illuminated vanity mirrors	S	S	S	S
Two front and two rear cup holders; two front door and two rear bottle holders	S	S	S	S
3-Mode Switch (Eco, Normal, Sport)	S	S	S	-

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4-Mode Switch (Eco, Norma/Custom, Sport, Sport +)	-	-	-	S
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PACKAGES AND OPTIONS BY GRADE (— = NOT AVAILABLE, O = OPTION)				
	XLE	Limited	XSE	Touring
JBL Audio Upgrade - Entune 3.0 Audio Plus with Connected Navigation Scout GPS Link App and App Suite - JBL w/Clari-Fi - includes 14 speakers	O	-	-	-
JBL Audio Upgrade - Entune 3.0 Audio Plus with Connected Navigation Scout GPS Link App and App Suite - JBL w/Clari-Fi - includes 14 speakers - Engine Sound Enhancement (ESE) - Active Noise Control (ANC)	-	-	O	-
Advanced Safety Package: - Bird's Eye View Camera - Rear Cross-Traffic Braking - Intelligent Clearance Sonar	-	P	-	P
Moonroof Package - Moonroof - Qi-compatible wireless charging system	P	-	-	-

AUDIO OPTIONS BY GRADE (— = NOT AVAILABLE, P = PACKAGE, S = STANDARD)				
	XLE	Limited	XSE	Touring
Entune 3.0 Audio Plus with App Suite - 8 speakers, 9-in. touch-screen, audio jack, USB 2.0 port with iPod connectivity and control, voice recognition, hands-free phone capability and music streaming via Bluetooth wireless technology, Apple CarPlay compatible, Scout GPS Link Compatible with 3-year complimentary trial, Siri Eyes Free, HD Radio, Entune App Suite, SiriusXM Satellite Radio with 3-month complimentary SiriusXM All Access trial. Entune 3.0 Toyota Connected Services — Safety Connect with 3-year complimentary trial, Service Connect with 3-year complimentary trial, Remote Connect with 6-month complimentary trial, Wi-Fi Connect Powered by Verizon	S	-	S	-

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<p>with up to 2gb within 6-month complimentary trial. Access to Entune App Suite is subscription free. See toyota.com/entune for details.</p>				
<p>Entune 3.0 Audio Plus with JBL sound system with Clari-Fi and App Suite – JBL w/ Clari-Fi, 14 speakers including subwoofer and 1200W, 9-in. touch-screen, Apple CarPlay compatible, audio jack, USB 2.0 port with iPod connectivity and control, voice recognition, hands-free phone capability and music streaming via Bluetooth wireless technology, Scout® GPS Link Compatible with 3-year complimentary trial, Siri Eyes Free, HD Radio, Entune App Suite, SiriusXM Satellite Radio with 3-month complimentary SiriusXM All Access trial. Entune 3.0 Toyota Connected Services — Safety Connect with 3-year complimentary trial, Service Connect with 3-year complimentary trial, Remote Connect with 6-month complimentary trial, Wi-Fi Connect Powered by Verizon with up to 2gb within 6-month complimentary trial. Access to Entune App Suite is subscription free. See toyota.com/entune for details.</p>	O	-	P	-
<p>Entune 3.0 Premium Audio with JBL with Clari-Fi, Dynamic Navigation and App Suite – 14 speakers including subwoofer and 1200W amplifier, 9-in. touch-screen, Apple CarPlay compatible, auxiliary audio jack, USB 2.0 port with iPod connectivity and control, Dynamic Navigation with 3-year complimentary trial, Dynamic POI Search with 3-year complimentary trial, Dynamic voice recognition with 3-year complimentary trial, hands-free phone capability and music streaming via Bluetooth wireless technology, Entune App Suite, Siri Eyes Free, HD Radio, SiriusXM Satellite Radio with 3-month complimentary SiriusXM All Access trial. Entune 3.0 Toyota Connected Services — Safety Connect with 3-year complimentary trial. Service Connect⁷ with 3-year complimentary trial, Remote Connect⁸ with 6-month complimentary trial, Wi-Fi Connect Powered by Verizon with up to 2gb within 6-month complimentary trial, Destination Assist Connect with 6-month complimentary trial. Access to Entune App Suite is subscription free. See toyota.com/entune for details.</p>	-	S	-	S

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SAFETY FEATURES BY GRADE (— = NOT AVAILABLE, P = PACKAGE, S = STANDARD)				
	XLE	Limited	XSE	Touring
Star Safety System — includes Enhanced Vehicle Stability Control (VSC), Traction Control (TRAC), 4-wheel Anti-lock Brake System (ABS), Electronic Brake-force Distribution (EBD), Brake Assist (BA) and Smart Stop Technology (SST)	S	S	S	S
Ten airbags— includes driver and front passenger Advanced Airbag System, driver and front passenger seat-mounted side airbags, driver and front passenger knee airbags, rear seat-mounted side airbags, and front and rear side curtain airbags	S	S	S	S
Driver and front passenger Whiplash-Injury-Lessening (WIL) seats	S	S	S	S
3-point seatbelts for all seating positions; driver-side Emergency Locking Retractor (ELR) and Automatic/Emergency Locking Retractor (ALR/ELR) on all passenger seatbelts	S	S	S	S
LATCH (Lower Anchors and Tethers for CHildren) includes lower anchors on outboard rear seats	S	S	S	S
Child-protector rear door locks and power window lockout control	S	S	S	S
Tire Pressure Monitor System (TPMS) with direct pressure readout	S	S	S	S
Collision sensors: deactivate high-voltage battery	-	-	-	-
Safety Connect — includes Emergency Assistance, Stolen Vehicle Locator, Roadside Assistance and Automatic Collision Notification. Available by subscription. 3-year trial subscription.	S	S	S	S
Toyota Safety Sense P (TSS-P) - Pre-Collision System with Pedestrian Detection, Lane Departure Alert with Steering Assist, Automatic High Beams and Full-Speed Range Dynamic Radar Cruise Control	S	S	S	S
Blind Spot Monitor with Rear Cross-Traffic Alert	S	S	S	S
Intelligent Clearance Sonar with Rear Cross-Traffic-Braking	-	P	-	P
Bird's Eye View Camera with Perimeter Scan, overhead 360-degree view in Drive and Reverse, and curb view	-	P	-	P

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Side-impact door beams	S	S	S	S
Hill-Start Assist Control (HAC)	S	S	S	S
Anti-theft system with alarm and Immobilizer	S	S	S	S
Integrated backup camera with dynamic gridlines	S	S	S	S
Electric Parking Brake (EPB) with Brake Hold function				
ToyotaCare featuring a no cost maintenance plan with roadside assistance	S	S	S	S
Energy-absorbing collapsible steering column	S	S	S	S
Front and rear energy-absorbing crumple zones	S	S	S	S

AVAILABLE EXTERIOR COLORS

- **(New)** Harbor Gray Metallic
- **(New)** Opulent Amber
- Not available on XSE and Touring
- Wind Chill Pearl*
- Ruby Flare Pearl*
- Celestial Silver Metallic
- Midnight Black Metallic
- Brownstone
- Parisian Night Pearl

BASIC LIMITED WARRANTY COVERAGE

- 3-year/36,000-mile Comprehensive
- 5-year/60,000-mile Powertrain
- 5-year/unlimited-mileage Corrosion Perforation
- ToyotaCare – 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.

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