



## 2018 RAV4 Hybrid Product Information

Note: All specs are for FWD models, unless noted for AWD models.

#RAV4 #Hybrid

HYBRID POWER SYSTEM		
Hybrid System Net Horsepower		194 hp
ICE (INTERNAL COMBUSTION ENGINE)		
Type, Materials		2.5-liter, 4-cylinder, aluminum alloy block and heads
Valvetrain		16-valve DOHC with Dual VVT-i
Displacement		2,494 cc
Bore x Stroke		3.54 x 3.86 in.
Compression Ratio		12.5:1
Horsepower		150 hp @ 5,700 rpm
Torque		152 lb-ft @ 4,400 rpm
Recommended Fuel		87-octane or higher - unleaded
Emission Certification		SULEV
EPA Estimated Fuel Economy* (city/highway/combined MPG)		34/30/32
ELECTRIC MOTORS		
Motor Generator 1 (MG1)	- Function	Generator, engine starter, charges hybrid battery
	- Type	Permanent magnet motor
	- Max. voltage	AC 650V
Motor Generator 2 (MG2)	- Function	Drives front wheels, regeneration during braking
	- Type	Permanent magnet motor
	- Max. voltage	AC 650V
	- Max. output	141 hp (105 kW)
Motor Generator Rear (MGR)	- Function	Drives rear wheels, regeneration during braking
	- Max voltage/output	AC 650V 67 hp (50kW)
HYBRID BATTERY PACK		
Type		Sealed Nickel-Metal Hydride (Ni-MH)
Nominal Voltage		244.8 V (204 cells, 1.2V/cells)

\*2018 EPA estimated MPG - Actual mileage will vary.

DRIVETRAIN	
Layout	Electronic On-Demand AWD System with intelligence (AWD-i)
Transmission Type	Electronically Controlled Continuously Variable Transmission (CVT-i)



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CHASSIS AND BODY		
Suspension	- Front	Independent MacPherson strut with stabilizer bar and hydraulic shock absorbers
	- Rear	Double-wishbone style multi-link rear suspension with coil springs, trailing arms, stabilizer bar, and hydraulic shock absorbers
	- Stabilizer Bar Diameter (front/rear)	1.0/0.91 in.
Steering	- Type	Electric power-assisted rack-and-pinion
	- Overall Ratio	14.5:1 (LE and XLE) 14.7:1 (SE and Limited)
	- Turns (lock-to-lock)	2.83 (LE and XLE) 2.68 (SE and Limited)
	- Turning Circle Diameter (curb-to-curb)	34.8 ft. (17-in. tires) 36.7 ft. (18-in. tires)
Brakes	- Front Type	Power-assisted Ventilated disc
	- Front Diameter	11.6 in.
	- Front Swept Area	206.8 sq. in.
	- Rear Type	Solid Disc
	- Rear Diameter	11.1 in.
	- Rear Swept Area	TBD
	- Total Swept Area	TBD
- Parking	Hand operated	
Anti-lock Brake System (ABS)	Standard	
Wheel Size	17 x 7.0 in. (LE and XLE) 18 x 7.0 in. (SE and Limited)	
Wheel Type and Material	5-spoke Alloy (LE and XLE) 5-spoke Sport Alloy (SE) 5-spoke Superchrome alloy (Limited)	
Tire Size	P225/65R17 (LE and XLE) P235/55R18 (SE and Limited)	
Tire Type	All-season steel-belted radial blackwalls	
Spare Tire/Wheel	Temporary (165/80R17ST)	



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EXTERIOR DIMENSIONS		
Wheelbase		104.7 in.
Overall Length		181.1 in.
Overall Width		72.6 in.
Overall Height (w/o and w/ roof rails)		65.9/67.1 in. (LE, XLE, and Limited) 66.3/67.5 in. (SE)
Tread Width	- Front/Rear	61.8/61.8 in. (17-in. wheels) 61.4/61.4 in. (18-in. wheels)
Ground Clearance		7.0 in. (LE, XLE, and Limited) 7.4 in. (SE)
Approach/Departure Angle		28/21 (LE, XLE, and Limited) 28/23 (SE)

INTERIOR DIMENSIONS		
Seating Capacity		5
Headroom		
	- First	38.9 in.
	- Second	38.9 in.
Legroom		
	- First	42.6 in.
	- Second	37.2 in.
Shoulder Room		
	- First	57.3 in.
	- Second	55.4 in.
Hip Room		
	- First	54.3 in.
	- Second	48.9 in.
EPA Cargo Volume		
	- Behind front row w/ second row folded	70.6 cu. ft.
	- Behind second row	35.6 cu. ft.
EPA Interior Volume		136.3 cu. ft.
Passenger Volume		100.7 cu. ft.
EPA Class		Small SUV



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WEIGHTS AND CAPACITIES	
Curb Weight (FWD/AWD)	3,925 lbs. (LE and XLE) 3,950 lbs. (SE and Limited)
Payload	900 lbs.
GVWR	4,960 lbs. (AWD)
Maximum Towing Capacity	-- (SE) 1,750 lbs. (LE, XLE, and Limited)
Maximum Tongue Weight	175 lbs.
Fuel Capacity	14.8 gal.
Engine Oil	4.6 qt.
Cooling System	1.8 gal.

### STANDARD EXTERIOR FEATURES

#### LE

- Halogen projector-beam headlights with auto on/off feature
- Halogen Daytime Running Lights (DRL)
- Color-keyed rear spoiler with LED brake light
- 17-inch 5-spoke alloy wheels with P225/65R17 tires
- Color-keyed roof-mounted shark-fin antenna
- Color-keyed outside door handles
- Front and rear silver-painted bumper garnish
- Color-keyed power heated outside mirrors, blind spot mirrors, turn-signal indicators and folding feature
- Washer-linked variable intermittent windshield wiper and intermittent rear window wiper
- Rear window defogger with timer
- Privacy glass on rear side, quarter and liftgate windows
- Acoustic noise-reducing front windshield
- Roof rails

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

- Front bumper integrated fog lights with chrome surrounds
- Power tilt/slide moonroof with sunshade

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

- LED Projector Beam headlights with auto-on/off feature
- LED Daytime Running Lights (DRL)
- LED tail lamps
- 18-inch 5-spoke alloy wheels with P235/55R18 tires
- Height-adjustable power liftgate with jam protection



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### STANDARD EXTERIOR FEATURES – CONTINUED

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

- Power heated outside mirrors with turn signal and blind spot warning indicators and folding feature
- Front and rear parking sonar
- 18-in. 5-spoke Superchrome alloy wheels with P235/55R18 tires
- Chrome outside door handles

### STANDARD INTERIOR FEATURES

LE

- Dual-zone automatic climate control with in-cabin air filter
- Backup camera with projected path static lines
- 4.2-in. TFT Multi-Information Display with audio, customizable settings, odometer, outside temperature, clock, fuel economy and trip information, fuel economy history, current average fuel economy, distance to empty, cruising range, average speed, trip distance with timer, hybrid system information EV Driving Ratio, Hybrid System Indicator, ECO Savings Record, energy monitor, 4WD Drive Force distribution and warning messages.
- Eco, Sport and EV Modes
- Day/night rearview mirror
- Tilt/telescopic urethane steering wheel with audio, Multi-Information Display, voice recognition and Bluetooth® hands-free telephone controls
- Fabric-trimmed 6-way adjustable driver's seat with sport bolsters and seatback pocket; 4-way adjustable front passenger seat with sport bolsters and seatback pocket
- Fabric-trimmed 60/40 split, reclining, fold-flat second-row seat with center armrest
- Power windows with driver auto up/down with jam protection
- Power door locks with shift-linked automatic lock/unlock feature
- Smart Key System on front doors and liftgate with Push Button Start
- Illuminated entry system (key illumination, interior light, and front personal light)
- Center armrest with console storage box and tray
- Eight cup/bottle holders
- Door panel storage pockets
- One front row USB outlet
- Two front and one second row 12V auxiliary power outlets
- Dual sun visors with vanity mirrors and extenders
- Overhead console with integrated sunglasses holder

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

- Backup camera with projected path dynamic lines
- Tilt/telescopic leather-wrapped steering wheel with audio, Multi-Information Display, voice recognition and Bluetooth hands-free telephone controls
- Painted interior door handles



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### STANDARD INTERIOR FEATURES – CONTINUED

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

- SofTex®-trimmed 8-way power adjustable driver's seat, power lumbar support, sport bolsters and seatback pocket; 4-way adjustable front passenger seat with sport bolsters and seatback pocket
- Driver and front passenger heated seats
- SofTex-trimmed 60/40 split, reclining, fold-flat second-row seat with center armrest
- SE Shift Lever
- SE door sill protectors
- SE floor mats

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

- Frameless auto-dimming rearview mirror with Homelink®
- SofTex-trimmed 8-way power-adjustable driver's seat with memory function, power lumbar support, sport bolsters and seatback pocket; 4-way adjustable front passenger seat with sport bolsters and seatback pocket
- SofTex-covered sliding center armrest with console storage box
- Leather-trimmed shift lever

### STANDARD AUDIO SYSTEMS

LE

- Entune™ Audio - includes the Entune Multimedia Bundle (6.1-in. touch-screen display, AM/FM CD player, MP3/WMA playback capability, 6 speakers, auxiliary audio jack, USB 2.0 port with iPod® connectivity and control, advanced voice recognition, hands-free phone capability, phone book access and music streaming via Bluetooth wireless technology), with integrated backup camera display with projected path static lines

XLE and SE

- Entune Audio Plus with Connected Navigation - includes the Entune Multimedia Bundle (6.1-in. high resolution touch-screen display, AM/FM CD player, MP3/WMA playback capability, 6 speakers, auxiliary audio jack, USB 2.0 port with iPod connectivity and control, advanced voice recognition, hands-free phone capability, phone book access and music streaming via Bluetooth wireless technology), Scout® GPS Link, Siri® Eyes Free, SiriusXM® Satellite Radio with 3-month Complimentary Sirius XM All Access Trial, HD Radio™, HD™ traffic and weather in major metro areas, and integrated backup camera display with projected path dynamic lines

Limited

- Entune Premium Audio with Integrated Navigation and App Suite - includes the Entune Multimedia Bundle (7-in. high resolution touch-screen with split screen display, AM/FM, MP3/WMA playback capability, 6 speakers, auxiliary audio jack, USB 2.0 port with iPod connectivity and control, advanced voice recognition, hands-free phone capability, phone book access and music streaming via Bluetooth wireless technology), Siri Eyes Free, Entune App Suite, HD Radio, HD predictive traffic and Doppler weather overlay, AM/FM cache radio, SiriusXM Satellite Radio with 3-month Complimentary Sirius All Access Trial, and Gracenote® album cover art and integrated backup camera display with projected path dynamic lines



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\* *Entune App Suite - includes Destination Search, iHeartRadio, MovieTickets.com, OpenTable®, Pandora®, Facebook Places, Yelp®, and Slacker Radio; real-time info including traffic, weather, fuel prices, sports and stocks. Access to Entune App Suite is subscription free. See [toyota.com/entune](http://toyota.com/entune) for details.*

### STANDARD SAFETY AND SECURITY

#### All Models (except where noted)

- Toyota Safety Sense™ P (TSS-P) – includes Pre-Collision System with Pedestrian Detection (PCS w/ PD), Lane Departure Alert with Steering Assist function (LDA w/ SA), Automatic High Beams (AHB), and Dynamic Radar Cruise Control (DRCC)
- Star Safety System™ - includes Enhanced Vehicle Stability Control (VSC), Traction Control (TRAC), Anti-lock Brake System (ABS), Electronic Brake-force Distribution (EBD), Brake Assist (BA) and Smart Stop Technology (SST)
- Blind Spot Monitor (BSM) with Rear Cross-Traffic Alert (RCTA) (Standard on SE and Limited; Available on XLE)
- Driver and front passenger Advanced Airbag System; driver knee airbag; front passenger seat cushion airbag; driver and front passenger seat-mounted side airbags and front- and second-row Roll-Sensing side Curtain Airbags (RSCA)
- Driver and front passenger Whiplash-Injury-Lessening (WIL) seats
- 3-point seatbelts in all seating positions, with adjustable front seatbelt anchors
- Driver and front passenger seatbelt pretensioners with force limiters
- Driver-side Emergency Locking Retractor (ELR) and Automatic/Emergency Locking Retractor (ALR/ELR) on all passenger belts
- Driver and front passenger seatbelt warning system
- Engine Immobilizer
- LATCH (Lower Anchors and Tethers for CHildren) includes lower anchors and tether anchors on outboard second-row seats
- Hill-Start Assist Control (HAC)
- Trailer Sway Control (TSC) (excluding SE)
- Tire Pressure Monitor System (TPMS)
- Child-protector rear door locks

### STANDARD MECHANICAL FEATURES

- Electronic On-Demand AWD System with intelligence (AWD-i)

### FACTORY OPTIONS

#### LE

- Without roof rail (Credit for removal of standard roof rail)
- Mud guards
- Cargo area tonneau cover
- Integrated cargo net system

**FACTORY OPTIONS – CONTINUED**XLE

- Height-adjustable power liftgate with jam protection
- Entune Premium Audio with Integrated Navigation and App Suite - includes the Entune Multimedia Bundle (7-in. high resolution touch-screen with split screen display, AM/FM, MP3/WMA playback capability, 6 speakers, auxiliary audio jack, USB 2.0 port with iPod connectivity and control, advanced voice recognition, hands-free phone capability, phone book access and music streaming via Bluetooth wireless technology), Siri Eyes Free, Entune App Suite, HD Radio, HD predictive traffic and Doppler weather overlay, AM/FM cache radio, SiriusXM Satellite Radio with 3-month Complimentary Sirius All Access Trial, and Gracenote album cover art and integrated backup camera display with projected path dynamic lines
- Heated fabric front-row seats with 8-way power-adjustable driver's seat
- Mud guards
- Cargo area tonneau cover
- Integrated cargo net system
- Hybrid Convenience Package - Blind Spot Monitor (BSM) with Rear Cross Traffic Alert (RCTA), front and rear parking Sonar, Entune Premium Audio with Integrated Navigation and App Suite, and height-adjustable power liftgate with jam protection

SE

- Entune Premium JBL® Audio with Integrated Navigation and App Suite - includes the Entune Multimedia Bundle (7-in. high resolution touch-screen with split screen display, AM/FM, 11 JBL GreenEdge™ speakers including subwoofer, auxiliary audio jack, USB 2.0 port with iPod connectivity and control, advanced voice recognition, hands-free phone capability, phone book access and music streaming via Bluetooth wireless technology), Siri Eyes Free, Entune App Suite, HD Radio, HD Radio predictive traffic and Doppler weather overlay, AM/FM cache radio, SiriusXM Satellite Radio with 3-month Complimentary Sirius XM All Access Trial, and Gracenote album cover art and integrated backup camera display with projected path dynamic lines
- Mud guards
- Cargo area tonneau cover
- Integrated cargo net system
- Advanced Technology Package - Bird's Eye View Camera with Perimeter Scan, front and rear parking sonar, frameless Auto-dimming rearview mirror with HomeLink, and Entune Premium JBL Audio with Integrated Navigation and App Suite

Limited

- Height-adjustable, foot activated power liftgate with jam protection
- Entune Premium JBL Audio with Integrated Navigation and App Suite - includes the Entune Multimedia Bundle (7-in. high resolution touch-screen with split screen display, AM/FM, 11 JBL GreenEdge speakers including subwoofer, auxiliary audio jack, USB 2.0 port with iPod connectivity and control, advanced voice recognition, hands-free phone capability, phone book access and music streaming via Bluetooth wireless technology), Siri Eyes Free, Entune App Suite, HD Radio, HD Radio predictive traffic and Doppler weather overlay, AM/FM cache radio, SiriusXM Satellite Radio with 3-month Complimentary Sirius XM All Access Trial, and Gracenote album cover art and integrated backup camera display with projected path dynamic lines
- Mud guards
- Cargo area tonneau cover





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- Integrated cargo net system
- Advanced Technology Package - Bird's Eye View Camera with Perimeter Scan and Entune Premium JBL Audio with Integrated Navigation and App Suite

### AVAILABLE EXTERIOR COLORS

- Super White
- Blizzard Pearl
- Silver Sky Metallic
- Magnetic Gray Metallic
- Black Sand Pearl
- Galactic Aqua Mica
- Ruby Flare Pearl (extra-cost color)
- Electric Storm Blue

### 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.