



TOYOTA 2020 RAV4 Hybrid Product Information

#ToyotaRAV4

ENGINE	
Hybrid System Net Horsepower	219 combined net hp
ENGINE	
Type, Materials	2.5-liter Dynamic Force 4-cylinder, aluminum alloy block with aluminum alloy cylinder head
Valve train	16-valves (four-valve/cylinder), Dual Overhead Camshafts (DOHC) with Variable Valve Timing-intelligent system by Electric motor (VVT-iE) on the intake camshaft, and Variable Valve Timing-intelligent system (VVT-i) on the exhaust camshaft
Displacement	151.7 cu. in. / 2,487 cc
Bore x Stroke	87.5 x 103.4 mm
Compression Ratio	14.0:1
Horsepower	176 hp @ 5,700 rpm
Torque	163 lb.-ft. @ 3,600 – 5,200 rpm
Fuel System	D-4S
Recommended Fuel	87-octane unleaded or higher
Emission Certification	SULEV
EPA Estimated Fuel Economy* (city/highway/combined MPG)	41/38/40

*EPA-estimated MPG - Actual mileage will vary.

ELECTRIC MOTOR	
Type	Permanent Magnet Synchronous
Torque	149/89 lb.-ft.
BATTERY PACK	
Type	Sealed Nickel-Metal Hydride (Ni-MH)
Nominal Voltage	244.8V
Capacity [3hr] (Ahr)	6.5
System Voltage	650V maximum



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DRIVETRAIN		
Layout		Electronic On-Demand All-Wheel Drive (AWD)
Transmission Type		Electronically controlled Continuously Variable Transmission (ECVT) with sequential shift mode

CHASSIS AND BODY		
Suspension	- Front	Independent MacPherson strut front suspension with stabilizer bar
	- Rear	Multi-link rear suspension with stabilizer bar
		Sport-tuned multi-link rear suspension with stabilizer bar (XSE HV only)
	- Stabilizer Bar Diameter (front/rear)	25.5/23.5 mm
Steering	- Type	Electric Power Steering (EPS); rack-mounted parallel-type electric power-assisted rack-and-pinion steering system
	- Overall Ratio	14.3:1
	- Turns (lock-to-lock)	2.76
	- Turning Circle Diameter (curb-to-curb)	36.1 ft.
Brakes	- Front Type	Power-assisted Ventilated disc
	- Front Diameter	12.0 in.
	- Rear Type	Solid Disc
	- Rear Diameter	11.1 in.
	- Parking	Electronic Parking Brake
Anti-lock Brake System (ABS)		Standard
Wheel Size		17 x 7.0 in. (LE HV and XLE HV)



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	18 x 7.0 in. (XSE HV and Limited HV)
Wheel Type and Material	Standard aluminum alloy
Tire Size	225/65R17 (LE HV and XLE HV) 225/60R18 (XSE HV and Limited HV)
Spare Tire/Wheel	Temporary

EXTERIOR DIMENSIONS	
Wheelbase	105.9 in.
Overall Length	180.9 in.
Overall Width	73.0 in.
Overall Height (with antenna)	67.0 in.
Ground Clearance	8.1 in.
Approach/Departure Angle	19/21 degrees

INTERIOR DIMENSIONS	
Seating Capacity	5
Headroom w/ moonroof	
- First	37.7 in.
- Second	39.5 in.
Legroom	
- First	41.0 in.
- Second	37.8 in.
Shoulder Room	
- First	57.8 in.
- Second	56.4 in.
Hip Room	
- First	54.3 in.
- Second	47.7 in.



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Cargo Volume	
- Behind front row w/ second row folded	69.8 cu. ft.
- Behind second row	37.6 cu. ft.
EPA Passenger Volume	98.9 cu. ft.
EPA Class	Small SUV

WEIGHTS AND CAPACITIES	
Curb Weight (FWD/AWD)	3,710 lbs. (LE HV) 3,755 lbs. (XLE HV and XSE HV) 3,800 lbs. (Limited HV)
Payload (FWD/AWD)	1,210 lbs. (LE HV) 1,165 lbs. (XLE HV and XSE HV) 1,120 lbs. (Limited HV)
GVWR	4,920 lbs.
Max Towing Capacity	1,750 lbs.
Maximum Tongue Weight (10% of Tow Rating)	175 lbs.
Fuel Capacity	14.5 gal.
Engine Oil	SAE OW-16; 4.8 qt. with oil filter change

HYBRID EXTERIOR FEATURES	(-- = NOT AVAILABLE, O = OPTION, S = STANDARD)			
	LE AWD	XLE AWD	XSE AWD	LIMITED AWD
17-in. five-spoke silver alloy wheels with 225/65R17 tires	S	S	—	—
18-in. five-spoke black-painted sport alloy wheels with 225/60R18 tires	—	—	S	—



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18-in. five-spoke super chrome-finished sport alloy wheels with 225/60R18 tires	—	—	—	S
Multi-LED headlights with black bezels and Automatic High Beam feature	S	—	—	—
LED Projector headlights with chrome bezels, Automatic High Beam and auto on/off feature	—	S	S	S
Adaptive Front Headlight System — LED Projector headlights with chrome	—	—	—	O
LED Daytime Running Lights (DRL)	S	—	—	—
LED Daytime Running Lights (DRL) / accent lighting	—	S	S	S
Integrated fog lights	—	S	—	S
Integrated fog lights with black trim	—	—	S	—
LED tail and stoplights	S	S	S	S
Black hexagon-patterned bar front grille	S	S	—	—
Dark gray metallic-colored hexagon-patterned bar front grille	—	—	S	S
Color-keyed upper front bumper, and black lower front bumper, overfenders, and rear bumper	S	S	—	—



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Color-keyed upper and black-painted lower front bumper, fog light trim, overfenders, mirrors, roof, rocker panels, and rear bumper with metallic gray insert	—	—	S	—
Color-keyed upper bumper, and black lower front bumper, black overfenders, and rear bumper with metallic gray insert	—	—	—	S
Two-tone exterior color	—	—	S	—
Power outside mirrors with folding feature	S	—	—	—
Color-keyed heated power outside mirrors with turn signal and blind spot warning indicators, and folding feature	O	S	—	S
Puddle lights	—	—	—	S
Black heated power outside mirrors with turn signal and blind spot warning indicators, and folding feature	—	—	S	—
Color-keyed outside door handles	S	—	—	—
Color-keyed outside door handles with front row touch-sensor lock/unlock feature	—	S	S	—
Chrome-accented color-keyed outside door handles with front row touch-sensor lock/unlock feature	—	—	—	S



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Chrome-accented color-keyed outside door handles with touch-sensor lock/unlock feature on all doors and liftgate	—	—	—	P
Power tilt/slide moonroof with one-touch open/close	—	P	S	S
Panoramic glass roof with front power tilt/slide moonroof	—	—	O	O
Low-profile black roof rails	S	S	S	S
Roof rack cross bars	O	O	O	O
Height-adjustable power liftgate with jam protection	—	P	S	S
Height-adjustable, foot-activated power liftgate with jam protection	—	—	—	P
Aerodynamic underbody panels with vortex generators, front and rear wheel spats, and integrated rear spoiler	S	S	S	S
Active grille shutters	S	S	S	S
Dual chrome exhaust tips	S	S	S	S
Privacy glass on all rear side, quarter and liftgate windows	S	S	S	S
Intermittent windshield wipers	S	—	—	—
Variable intermittent windshield wipers	—	S	S	S



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Rain-sensing variable intermittent windshield wipers with de-icer function	—	P	P	P
Intermittent rear window wiper	S	S	S	S
Mudguards	O	O	O	O
Color-keyed roof-mounted shark-fin antenna	S	S	S	S

HYBRID INTERIOR FEATURES (— = NOT AVAILABLE, O = OPTION, S = STANDARD)	LE AWD	XLE AWD	XSE AWD	LIMITED
Dual zone automatic climate control system with dust and pollen filter and rear-seat vents	S	S	—	—
Dual zone automatic climate control system with dust and pollen filter, front center vent flow controls, and rear-seat vents	—	—	S	S
Qi-compatible wireless smartphone and mobile device charging with charge indicator light	—	—	P	P
Integrated backup camera with projected path	S	S	—	—
Integrated panoramic backup camera with dynamic gridlines	—	P	S	S
Bird's Eye View Camera with - Perimeter Scan, Overhead 360 degree view in low-speed drive and reverse, and curb view	—	—	—	P



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Analog speedometer, hybrid power meter, coolant temperature, and fuel gauges; 4.2 in. digital Multi-Information Display with instrumentation and customizable settings, odometer, tripmeters, clock, outside temperature, rear passenger seat belt indicators, hybrid energy monitor, fuel economy information, trip timer, shift-position and scheduled maintenance indicators, and warning messages	S	S	—	—
Digital speedometer and instrumentation with analog hybrid power meter, coolant temperature, and fuel gauges; 7 in. digital Multi-Information Display with customizable settings, odometer, tripmeters, clock, outside temperature, rear passenger seat belt indicators, hybrid energy monitor, fuel economy information, trip timer, shift-position and scheduled maintenance indicators, and warning messages	—	—	S	S
Five-passenger seating with fabric-trimmed seating surfaces	S	S	—	—
Five-passenger seating with Softex®-trimmed seating surfaces	—	—	—	S
Five-passenger seating with Softex®-trimmed seating surfaces and fabric seat inserts	—	—	S	—



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Fabric-trimmed seats; 6-way adjustable front driver's seat; 4-way adjustable front passenger seat with seatback pocket	S	—	—	—
Fabric-trimmed seats with embossed polygonal-design seat inserts; 8-way power-adjustable front driver's seat with lumbar support; 4-way adjustable front passenger seat with seatback pocket	—	S	—	—
SofTex®-trimmed seats with sporty blue stitching and fabric seat inserts; heated front seats; 8-way power-adjustable front driver's seat with lumbar support; 4-way adjustable front passenger seat with seatback pocket	—	—	S	—
SofTex®-trimmed seats, heated front seats; 8-way power-adjustable driver's seat with two-position memory function and lumbar support; 4-way adjustable front passenger seat with seatback pocket	—	—	—	S
60/40 split reclining fold-flat rear seat with center armrest and cup holders	S	S	S	S
Heated front seating	—	P	S	S
Heated and ventilated perforated front seating	—	—	—	P
Rear outboard passenger heated perforated seating	—	—	—	P
Black carpet flooring with driver-side footrest	S	S	S	S
Carpet floor mats	O	O	O	O



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Urethane tilt/telescopic three-spoke steering wheel with controls for audio, Multi-Information Display, Bluetooth® hands-free phone, voice-command, Dynamic Radar Cruise Control (DRCC), Lane Departure Alert (LDA), and Lane Trace Assist (LTA)	S	S	—	—
Leather-trimmed tilt/telescopic three-spoke steering wheel with silver accent and controls for audio, Multi-Information Display, Bluetooth® hands-free phone, voice-command, Dynamic Radar Cruise Control (DRCC), Lane Departure Alert (LDA), and Lane Trace Assist (LTA)	—	—	S	S
Heated leather-trimmed three-spoke steering wheel	—	P	P	P
Turn signal stalk with headlight controls and one-touch 3-blink lane change turn signals	S	S	S	S
Wiper control stalk with front and rear window wiper controls	S	S	S	S
Shift lever with sequential mode	S	S	—	—
Leather-trimmed shift lever with sequential mode	—	—	S	S
Soft-touch dash and armrests, with stitched dash accents	S	S	—	—
Soft-touch dash, door, and armrests with stitched dash, door, and center console accents, and anti-slip interior door grip	—	—	S	S



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Blue-accented interior, including blue stitching on dash, doors, and seat, and black anti-slip in-dash storage trays with blue ambient lighting	—	—	S	—
Dark brown-accented interior, including dark brown stitching on dash, door, and seat stitching, and dark brown cup holder trim and anti-slip in-dash storage trays with blue ambient lighting	—	—	—	S
Ash gray-fabric-trimmed headliner	S	S	—	S
Black-fabric-trimmed headliner	—	—	S	—
Black interior door handles	S	—	—	—
Silver interior door handles	—	S	S	S
Remote keyless entry system with lock, unlock, and panic functions, and remote illuminated entry	S	—	—	—
Smart Key System on front doors and liftgate with Push Button Start, remote keyless entry system with lock, unlock, and panic functions, and remote illuminated entry	—	S	—	—
Smart Key System on front doors and liftgate with Push Button Start, remote keyless entry system with lock, unlock, and panic functions, power liftgate with jam protection, and remote illuminated entry	—	P	S	S



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Smart Key System on all doors and liftgate with Push Button Start, remote keyless entry system with lock, unlock, and panic functions, and hands-free power liftgate with jam protection, and remote illuminated entry	—	—	—	P
Power windows with auto up/down and jam protection in all positions.	S	S	S	S
Rear liftgate window defogger	S	S	S	S
Power door locks with shift-linked automatic lock/unlock feature	S	S	S	S
Day/night rearview mirror	S	S	—	—
Digital rearview mirror with HomeLink® universal transceiver	—	—	S	S
Overhead console with maplights, sunglass storage, and Safety Connect® button	S	S	—	—
Overhead console with maplights, sunglass storage, Safety Connect® button, and power tilt/slide moonroof controls	—	P	S	S
Overhead console with maplights, sunglass storage, Safety Connect® button, and power tilt/slide panoramic glass roof controls	—	—	O	O
Sun visors with illuminated vanity mirrors	S	—	—	—
Sun visors with sliding extensions and illuminated vanity mirrors	—	S	S	S



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Center console with covered storage compartment, two cup holders, drive mode, electronic parking brake and automatic brake hold controls, and front storage tray	S	S	S	S
Passenger-side glove compartment	S	S	S	S
Height-adjustable rear cargo area deck board	S	S	S	S
Rear cargo area cover	O	S	S	S
Rear cargo area deckside-mounted storage net	—	—	S	S
Carpet cargo mats	O	O	O	O
All-weather cargo liners	O	O	O	O
Cargo net	O	O	O	O
One USB Media Port in front storage tray	S	—	—	—
Five USB Ports — one USB Media Port in front storage tray and four additional USB Charge ing Ports (two in front center console, and two rear seat ports on the back of center console)	—	S	S	S
One 12V/120W auxiliary power outlet in front instrument panel storage tray, and one 12V/120W auxiliary power outlet in second row	S	—	—	—
One 12V/120W auxiliary power outlet in front instrument panel storage tray, and one 12V/120W auxiliary power outlet in cargo area	—	S	S	S



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Front reading lights, overhead dome light, and rear cargo area light	S	S	S	S
Blue ambient illumination for in-dash shelves, center console cup holders, and in front footwells	—	—	S	S
Front row door panels with storage pockets and bottle holders	S	S	S	S
8 total cup and bottle holders; 4 cup holders, and 4 bottle holders	S	S	S	S
Electric parking brake with brake hold	S	S	S	S

HYBRID AUDIO FEATURES	LE AWD	XLE AWD	XSE AWD	LIMITED AWD
Audio — includes 7.0-in. touch-screen, AM/FM, 6 speakers, USB media port, hands-free phone capability, advanced voice recognition and music streaming via Bluetooth® wireless technology, Android Auto™, Apple CarPlay® and Amazon Alexa compatible, SiriusXM® with 3-month All Access trial. Connected Services — Safety Connect® with 1-year trial, Wi-Fi Connect with up to 2 GB within 3-month trial. See toyota.com/connected-services for details.	S	S	—	—



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<p>Audio Plus — includes 8.0-in. touch-screen, AM/FM/HD Radio™, 6 speakers, USB media port, advanced voice recognition, hands-free phone capability and music streaming via Bluetooth® wireless technology, Android Auto™, Apple CarPlay® and Amazon Alexa compatible, SiriusXM® with 3-month All Access trial. Connected Services — Safety Connect® with 1-year trial, Service Connect with 10-year trial, Remote Connect with 1-year trial, Wi-Fi Connect with up to 2 GB within 3-month trial.</p>	—	P	S	—
<p>Premium Audio with Dynamic Navigation and JBL® — includes 8.0-in. touch-screen, AM/FM/HD Radio™, 11 JBL®speakers in 9 locations, including subwoofer and amplifier, USB media port, Dynamic Navigation with up to 3-year trial, Dynamic POI Search, Dynamic Voice Recognition, hands-free phone capability and music streaming via Bluetooth® wireless technology, Android Auto™, Apple CarPlay® and Amazon Alexa compatible, SiriusXM® with 3-month All Access trial. Connected Services — Safety Connect® with 1-year trial, Service Connect with 10-year trial, Remote Connect with 1-year trial, Wi-Fi Connect with up to 2 GB within 3-month trial, Destination Assist with 1-year trial.</p>	—	—	P	S



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SAFETY AND SECURITY				
	LE AWD	XLE AWD	XSE AWD	LIMITED AWD
Toyota Safety Sense™ 2.0 (TSS 2.0) - Pre-Collision System with Pedestrian Detection (PCS w/PD), Lane Departure Alert with Steering Assist (LDA w/SA), Lane Tracing Assist (LTA), Automatic High Beams (AHB), Full-Speed Range Dynamic Radar Cruise Control (DRCC), and Road Sign Assist (RSA)	S	S	S	S
Star Safety System™ - includes Enhanced Vehicle Stability Control, Traction Control, Anti-lock Brake System, Electronic Brake-force Distribution, Brake Assist and Smart Stop Technology®	S	S	S	S
8 airbags — includes driver and front passenger Advanced Airbag System, driver and front passenger seat-mounted side airbags, driver knee airbag, front passenger seat cushion airbag, and front and rear side curtain airbags	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
Adjustable front seatbelt shoulder anchors	S	S	S	S



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Front seatbelts with seatbelt pretensioners with force limiters	S	S	S	S
LATCH (Lower Anchors and Tethers for CHildren) includes lower anchors on outboard rear seats and tether anchors on all rear seats	S	S	S	S
Child door locks on rear doors	S	S	S	S
Front and rear side-impact door beams	S	S	S	S
Tire Pressure Monitoring System (TPMS)	S	S	S	S
Safety Connect®— includes Emergency Assistance, Stolen Vehicle Locator, Roadside Assistance and Automatic Collision Notification. Available by subscription (complimentary 1-year trial subscription included).	S	S	S	S
Pre-Collision System with Pedestrian Detection (PCS w/PD)	S	S	S	S
Lane Departure Alert with Steering Assist (LDA w/SA)	S	S	S	S
Lane Tracing Assist (LTA)	S	S	S	S
Automatic High Beams (AHB)	S	S	S	S
Full-Speed Range Dynamic Radar Cruise Control (DRCC)	S	S	S	S
Blind Spot Monitor (BSM) with Rear Cross-Traffic Alert (RCTA)	O	S	S	S
Front and Rear Parking Assist with Automated Braking (PA w/AB)	—	—	P	S



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Trailer-Sway Control (TSC)	S	S	S	S
Hill Start Assist Control (HAC)	S	S	S	S
Anti-theft system with engine immobilizer	S	S		—
Anti-theft system with alarm and engine immobilizer	—	P	S	S

AVAILABLE EXTERIOR COLORS

- Blizzard Pearl*
- Silver Sky Metallic
- Magnetic Gray Metallic
- Midnight Black Metallic
- Ruby Flare Pearl*
- Blueprint
- Super White
- Lunar Rock
- Blue Flame
- Blizzard Pearl with Midnight Black Metallic Roof**
- Silver Sky Metallic with Midnight Black Metallic Roof**
- Magnetic Gray Metallic with Midnight Black Metallic Roof**
- Blueprint with Midnight Black Metallic Roof**

*Extra-Cost Color **Available on XSE HV grade only

BASIC LIMITED WARRANTY COVERAGE

- 36 months/36,000-mile Comprehensive
- 60 months/60,000-mile Powertrain
- 60 months/unlimited-mileage Corrosion Perforation
- 96 months/100,000 miles Hybrid System
- 60 months/60,000 miles Restraint Systems
- 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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