2009 RAV4 Product Information

Note: All specs are for both two-wheel drive (2WD) and four-wheel drive (4WD) unless otherwise noted.

ENGINE	***FOUR-CYLINDER***	***V6***
Type, Materials	2.5-liter, four-cylinder, double-overhead cam, 16-valve with dual VVT-i	3.5-liter, six-cylinder, double-overhead cam, 24-valve with dual VVT-i
Valvetrain	DOHC, four -valve/cylinder	DOHC, four -valve/cylinder
Displacement	2,494 cc	3,456 cc
Bore x Stroke	3.54 x 3.86 in.	3.70 x 3.27 in.
Compression Ratio	10.4:1	10.8:1
Horsepower (SAE Net)	179 hp @ 6,000 rpm	269 hp @ 6,200 rpm
Torque	172 lb-ft @ 4,000 rpm	246 lb-ft @ 4,700 rpm
Ignition System	Electronic, Toyota Direct Ignition (TDI)	Electronic, Toyota Direct Ignition (TDI)
Fuel System	SFI	SFI
Recommended Fuel	87-octane unleaded or higher	87-octane unleaded or higher
Emission Certification	ULEV II	ULEV II
EPA Estimated Fuel Economy* (city/highway MPG)	22/28 (2WD) 21/27 (4WD)	19/27 (2WD) 19/26 (4WD)

*2009 EPA MPG Estimates. Actual mileage will vary.

DRIVETRAIN		***FOUR-CYLINDER***	***V6***
Layout		2WD/Electric on-demand 4WD	2WD/Electric on-demand 4WD
Transmission Type		4-speed ECT automatic (2WD/4WD)	5-speed ECT automatic (2WD/4WD)
Gear Ratios	1st	3.943/3.938	4.235/4.235
	2nd	2.197/2.194	2.360/2.360
	3rd	1.413/1.411	1.517/1.517
	4th	1.020/1.019	1.047/1.047
	5th	----------	0.756/0.756
	Reverse	3.145/3.141	3.378/3.378
Differential Ratio		2.923/3.080	3.080/3.080

Note: All specs are for both two-wheel drive (2WD) and four-wheel drive (4WD) unless otherwise noted.

CHASSIS AND BODY		***FOUR-CYLINDER***	***V6***
Suspension	- Front	Independent MacPherson strut with stabilizer bar	Independent MacPherson strut with stabilizer bar
	- Rear	Double wishbone coil spring with stabilizer bar	Double wishbone coil spring with stabilizer bar
	- Stabilizer Bar Diameter (front/rear)	1.0/0.87 in.	1.0/0.87 in.
Steering	- Type	Power assisted rack and pinion	Power assisted rack and pinion
	- Overall Ratio	14.6:1	14.6:1
	- Turns (lock to lock)	2.7 turns	2.7 turns
	- Turning Circle (curb to curb)	34.8 Ft. (16- and 17-inch tires) 36.8 Ft. (18-inch tires)	34.8 Ft. (17-inch tires) 36.8 Ft. (18-inch tires)
Brakes	- Front Type	Ventilated disc	Ventilated disc
	- Front Diameter	11.8/10.8 in. (w/ and w/o third seat)	11.8 in.
	- Front Swept Area	237.5/206.8 sq. in. (w/ and w/o third seat)	237.5 sq. in.
	- Rear Type	Solid disc	Solid disc
	- Rear Diameter	11.2 in.	11.2 in.
	- Rear Swept Area	191.9 sq. in.	191.9 sq. in.
	- Total Swept Area	429.4/398.7 sq. in. (w/ and w/o third seat)	429.4 sq. in.
	- Parking	Hand operated	Hand operated
Anti-lock Braking System		Standard	Standard
Wheel Size		6.5 x 16 in. (standard on Base) 7.0 x 17 in. (available on Base, standard on Limited) 7.5 x 18 in. (standard on Sport)	7.0 x 17 in. (standard on Base, Limited) 7.5 x 18 in. (standard on Sport)
Wheel Type and Material		Standard steel w/ wheel cap/ optional aluminum alloy	Standard steel / optional aluminum alloy (Base) Standard aluminum alloy (Limited/Sport)
Tire Size		P215/70 R16 (Base) P225/65 R17 (available on Base, standard on Limited) P235/55 R18 (Sport)	P225/65 R17 (Base/Limited) P235/55 R18 (Sport)
Tire Type		All-season steel-belted radial blackwalls	All-season steel-belted radial blackwalls
Spare Tire/Wheel		Full-size	Full-size

Note: All specs are for both two-wheel drive (2WD) and four-wheel drive (4WD) unless otherwise noted.

EXTERIOR DIMENSIONS	
Wheelbase	104.7 in.
Overall Length	181.9 in. (with spare tire cover) 178.7 (Sport Appearance Package)
Overall Width	71.5/73.0 in. (w/ and w/o overfender)
Overall Height	68.7/ 66.3 in. (w/ and w/o roof rails- two-row) 69.1/66.5 in. (w/ and w/o roof rails-three-row)
Tread Width (front/rear)	61.4/61.4 61.8/61.8 (V6 Sport)
Ground Clearance	7.5 in.
Approach/Departure Angle	29/25

INTERIOR DIMENSIONS			
Seating Capacity		5	
Headroom		w/o moonroof	with moonroof
	- First	40.8 in.	39.5 in.
	- Second	39.7 in.	39.7 in.
	- Third	37.2 in.	37.2 in.
Legroom	- First	41.8 in.	
	- Second	38.3 in.	
	- Third	30.0 in.	
Shoulder Room	- First	57.1 in.	
	- Second	55.3 in.	
	- Third	52.6 in.	
Hip Room	- First	53.8 in.	
	- Second	52.4 in.	
	- Third	43.3 in.	
EPA Cargo Volume			
	- Behind front row w/ second and third row folded:	73.0 cu. ft.	
	- Behind second row w/ third row folded (three row model):	37.2 cu. ft.	
	- Behind second-row in tow-row model:	36.4 cu. ft.	
	- Behind third row (three row model):	12.3 cu. ft.	
EPA Interior Volume	Two-row model:	144.6 cu. ft.	
	Three-row model:	144.4 cu. ft.	
Passenger Volume	Two-row model (first/second):	57.4/ 50.8 cu. ft.	
	Three-row model (first/second/third):	57.4/ 49.8/32.0 cu. ft.	
EPA Class		Small-size SUV	

Note: All specs are for both two-wheel drive (2WD) and four-wheel drive (4WD) unless otherwise noted.

WEIGHTS AND CAPACITIES		***FOUR-CYLINDER***	***V6***
Curb Weight (2WD/4WD)		3,360/3,494 lbs. (Base) 3,439/3,576lbs. (Limited) 3,435/3,569 lbs. (Sport)	3,529/3,670 lbs. (Base) 3,560/3,699 lbs. (Limited) 3,560/3,699 lbs. (Sport)
Payload (two-row/three-row models)	2WD:	1,070/1,370 lbs. (Base) 991/1,291 lbs. (Limited) 955 lbs. (Sport)	1,071/1,366 lbs. (Base) 1,040/1,335 lbs. (Limited) 1,040 lbs. (Sport)
	4WD:	1,041/1,371 lbs. (Base) 959/1,289 lbs. (Limited) 966 lbs. (Sport)	1,050/1,345 lbs. (Base) 1,021/1,316 lbs. (Limited) 1,021 lbs. (Sport)
GVWR (two-row/three-row models)	2WD: 4WD:	4,430/4,730 lbs. 4,535/4,865 lbs.	4,600/4,895 lbs. 4,720/5,015 lbs.
Maximum Towing Capacity		1,500 lbs.	2,000 lbs. (standard towing) 3,500 lbs. (w/ Tow Package)
Maximum Tongue Weight		150 lbs.	200/350 lbs. (w/ Tow Package)
Fuel Capacity		15.9 gal.	15.9 gal.
Engine Oil		4.6 qt.	6.0 qt.
Cooling System		1.8 gal.	2.4 gal.

Note: All specs are for both two-wheel drive (2WD) and four-wheel drive (4WD) unless otherwise noted.

STANDARD EXTERIOR FEATURES

Base

- P215/70 R16 tires with 16-inch steel wheels with wheel covers and full size spare tire
- P225/65 R17 tires with 17-inch five-spoke steel wheels with full size spare tire (V6 only)
- Color keyed bumpers, rear door handle and rear spoiler
- Black door handles, grille, power foldable outside mirrors
- Remote keyless entry
- Auto-Off headlamps
- Roof centered antenna
- Black rear bumper protector molding
- Partially hard, color-keyed spare tire cover
- LED taillamps and stop lamps

Sport (In addition to or in place of Base standard features)

- P235/55 R18 tires with alloy wheels with full size spare tire
- Color-keyed door handles and fender flares
- Fog lights
- Rear privacy glass
- Unique larger rear spoiler
- Smoked headlamp bezels

Sport Appearance (Available on 4WD V6 only)

- Tireless redesigned rear door with chrome accents
- Four run flat tires
- Unique RAV4/Sport/V6 badges
- Heated and power foldable side mirrors with turn signals
- Stainless steel exhaust tip

Limited (In addition to or in place of Base standard features)

- P225/65 R17 tires with 17-inch six-spoke alloy wheels with full size steel-wheel spare
- Heated and power foldable side mirrors
- Color-keyed bumpers, door handles and rear spoiler
- Fog lights
- Black painted roof trails and cross bars
- Rear privacy glass
- Full hard shell color-keyed spare tire cover
- Auto on/off headlamps
- Unique grille and front bumper design
- Color keyed fender flares
- Chrome grille

Note: All specs are for both two-wheel drive (2WD) and four-wheel drive (4WD) unless otherwise noted.

STANDARD INTERIOR FEATURES

Base

- CFC free manual air conditioning
- Cruise control with brake deceleration
- Fabric six-way manual adjustable driver / four-way passenger / second-row seats – 60/40 fold flat, slide forward capability and recline
- Gated shifter
- Urethane steering wheel with display button
- Ten cup/bottle holders
- Optitron meters
- Electric power steering
- Power windows (one touch auto up/down window with driver door jam protection) / locks
- Three 12V auxiliary power outlets
- Outside temperature gauge
- Tilt and telescoping steering wheel
- Illuminated entry system (key illumination, room light, and front personal light)
- Illuminated front cup holders
- Dual glove box
- Cargo area second-row seat one-touch fold-flat lever (not included with 50/50 split and stow third-row seats)
- Rear deck storage including water-repellant foldable deck board (not included with 50/50 split and stow third- row seats)
- Washer-linked variable intermittent windshield wipers/rear window with electric defogger with timer and intermittent wiper
- Dual sun visors with vanity mirror, sliding extensions, and roof-mounted vanity lights

Sport (In addition to or in place of Base standard features)

- Dark charcoal color fabric seats

Sport Appearance (Available on 4WD V6 only)

- AM/FM six-disc in-dash CD changer, six speakers, auxiliary audio jack, MP3/WMA playback capability with integrated XM® satellite radio receiver and roof centered antenna
- Chrome interior door handles, parking brake, air vent trim with stainless steel door sills
- Unique sport door sill protectors
- Unique shift knob in black leather with stainless steel insert

Limited (In addition to or in place of Base standard features)

- Dual zone auto air conditioning with air filtration and pollen removal and information display
- Auto air conditioning with left and right control
- Interior footwell lighting
- Leather-wrapped steering wheel with audio controls and display button
- Leather-wrapped shift knob
- Smart Entry with Start/Stop button
- Tonneau cover with multi-purpose cargo net (not available with third row option)

Note: All specs are for both two-wheel drive (2WD) and four-wheel drive (4WD) unless otherwise noted.

STANDARD AUDIO SYSTEM

- AM/FM CD with six speakers, auxiliary audio jack and MP3/WMA playback capability, satellite radio capability and roof centered antenna (Base and Sport)
- AM/FM six-disc in-dash CD changer, six speakers, auxiliary audio jack, MP3/WMA playback capability, with integrated XM® satellite radio receiver and roof centered antenna (Limited)

STANDARD SAFETY AND SECURITY

- Driver and front passenger advanced airbags with occupant classification sensor, driver and front passenger seat-mounted side airbags, and front and second-row roll-sensing side curtain airbags
- Three-point seatbelts for all seating positions; Emergency Locking Retractors (ELR) on driver's belt; Automatic/Emergency Locking Retractors (ALR/ELR) on all passenger seatbelts; three-point front seatbelts with adjustable shoulder anchors
- Side impact door beams
- STAR Safety System™ includes Anti-lock Brake System (ABS) with Brake Assist (BA) and Electronic Brake-force Distribution (EBD) and Vehicle Stability Control (VSC) with Traction Control (TRAC)
- Child seat lower (ISOFIX CRS) tether anchor brackets located behind the rear seat for second-row seat. Second-row middle seat position has tether bracket in roof headliner.
- Child seat lower (ISOFIX CRS) anchor brackets located in the second-row seat cushion.
- Front seat active headrests
- Available daytime running lights
- Pretensioners and force limiters on driver and front passenger seatbelts
- Impact dissipating trim (A & B pillar trim panel)
- Tire pressure monitoring system (TPMS) – Direct
- Downhill Assist Control (DAC) and Hill-start Assist Control (HAC) (V6 and 3rd row models)
- Engine immobilizer and pre-wire (Limited)

STANDARD MECHANICAL FEATURES

- Limited slip differential (LSD) – auto (2WD Models)
- Sport-tuned suspension (Sport)

FACTORY OPTIONS

Base

- 17-inch five-spoke alloy wheels with P225/65 R17 tires with full-size steel spare
- AM/FM CD with six speakers, auxiliary audio jack and MP3/WMA playback capability, satellite radio capability and roof centered antenna
- Third-row seat (50/50 split and stow fold flat, two person) (Includes Downhill Assist Control and Hill-Start Assist Control on four-cylinder models)

Note: All specs are for both two-wheel drive (2WD) and four-wheel drive (4WD) unless otherwise noted.

FACTORY OPTIONS – CONT.

- Daytime running lights
- Electronic on-demand 4WD with 4WD with manual lock
- Black roof rails and cross bars
- Tonneau cover and multi-purpose cargo net (not available with third-row)
- Rear privacy glass
- Tow prep package includes larger radiator fan coupling, transmission cooler, and 150A alternator (V6 only)

Sport

- AM/FM six-disc in-dash CD changer, six speakers, auxiliary audio jack, MP3/WMA playback capability with integrated XM® satellite radio receiver and roof centered antenna
- Touch-screen DVD navigation system with XM NavTraffic® capability, AM/FM CD player with MP3/WMA playback capability, satellite radio capability and six speakers
- Daytime running lights
- Power tilt/slide moonroof with sunshade
- Tonneau cover and multi-purpose cargo net
- Integrated backup camera linked to an electrochromic mirror with integrated backup camera monitor
- Dark charcoal leather
- Black painted roof rails and cross bars, grille
- Leather seating with eight-way power driver seat with power lumbar support
- Tow prep package includes larger radiator, fan coupling, transmission oil cooler, and 150A alternator (V6 only)
- Electronic on-demand 4WD with 4WD with manual lock (V6 only)

Limited

- Third-row seat (50/50 split fold flat, two person)
- Daytime running lights
- JBL AM/FM six-disc in-dash CD changer, with integrated XM® satellite radio receiver nine speakers (includes subwoofer), MP3/WMA playback capability, satellite ready, hands-free capability via Bluetooth®
- Touch-screen DVD navigation system with XM NavTraffic® capability, AM/FM/CD player with MP3/WMA playback capability, satellite radio capability and six speakers
- Heated, leather-trimmed seats
- Rear Seat (DVD) Entertainment (RSE) with rear-seat audio, two wireless headphones, 115V/100W plug and RCA jacks (V6 only)
- Tow prep package includes larger radiator, fan coupling, transmission oil cooler, and 150A alternator (V6 only)
- Power tilt/slide moonroof with sunshade
- Integrated backup camera linked to an electrochromic mirror with integrated backup camera monitor
- Eight-way power driver seat with lumbar support
- Electronic on-demand 4WD with 4WD with manual lock sunshade

Note: All specs are for both two-wheel drive (2WD) and four-wheel drive (4WD) unless otherwise noted.

AVAILABLE EXTERIOR COLORS

- Sandy Beach Metallic
- Classic Silver Metallic
- Barcelona Red Metallic
- Pacific Blue Metallic
- Black
- Blizzard Pearl
- Pyrite Mica
- Gray Metallic
- Elusive Blue Metallic

BASIC LIMITED WARRANTY COVERAGE

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