



RAV4

**PRELIMINARY
SPECIFICATIONS**

FOUR-CYLINDER

V6

ENGINE

Type	2.4-liter, 4-cylinder, double-overhead cam, 16-valve with VVT-i	3.5-liter, six-cylinder, double-overhead cam, 24-valve with dual VVT-i
Bore and Stroke	3.48 x 3.78 inches	3.70 x 3.27 inches
Displacement	2,362 cc	3,546 cc
Compression Ratio	9.8:1	10.8:1
Valve Train	DOHC, four-valve/cylinder	DOHC, four-valve/cylinder
Horsepower (SAE Net)	166 hp @ 6,000 rpm	269 hp @ 6,200 rpm
Torque	165 lb-ft @ 4,000 rpm	246lb-ft @ 4,700 rpm
Ignition System	Electronic, Toyota Direct Ignition	Electronic, Toyota Direct Ignition
Fuel System	SFI	SFI
Recommended Fuel	87-octane unleaded or higher	87-octane unleaded or higher
Emission Category	ULEV II	ULEV II

POWERTRAIN

Drive System Type	2WD/4WD	2WD/4WD
Ratios	4-speed ECT automatic (2WD/4WD)	5-speed ECT automatic (2WD/4WD)
	1st 3.943/3.938	1st 4.235/4.235
	2nd 2.197/2.194	2nd 2.360/2.360
	3rd 1.413/1.411	3rd 1.517/1.517
	4th 1.020/1.019	4th 1.047/1.047
	Reverse 3.145/3.141	5th 0.756/0.756
	Differential 2.923/3.080	Reverse 3.378/3.378
		Differential 3.080/3.080

CAPACITIES

Engine Oil (w/out oil filter)	4.3 quarts	6.0 quarts
Fuel Tank	15.9 gallons	15.9 gallons
Cooling System	1.8 gallons	2.4 gallons



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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 (inches diameter front/rear/third seat)	w/out third seat: 0.95/NA with third seat: 1.0/0.87	w/out third seat: 0.95/NA with third seat: 1.0/0.87

BRAKES

Front	Two-row: 15-inch Ventilated Discs Three-row: 16-inch Ventilated Discs	16-inch Ventilated Discs
Front Diameter (inches)	w/ and w/o third seat: 11.6/10.7	11.6
Front Swept Area (square inches)	w/ and w/o third seat: 237.5/206.8	W/ and w/o third seat: 237.5/206.8
Rear	Solid disc	Solid disc
Rear Diameter (inches)	11.1	11.1
Rear Swept Area (square inches)	191.9	191.9
Total Swept Area (square inches)	w/ and w/o third seat: 429.4/398.7	w/ and w/o third seat: 429.4/398.7
Parking	Hand operated	Hand operated

STEERING

Type	Power assisted rack and pinion	Power assisted rack and pinion
Overall Ratio	Standard and Limited/Sport: 14.4.1/14.6.1	14.6.1
Turns (lock to lock)	Standard and Limited/Sport: 2.8/2.7	2.7
Turning Circle (curb to curb)	16- and 17-inch tires: 34.8 feet 18-inch tires: 36.8 feet	17-inch tires: 34.8 feet 18-inch tires: 36.8 feet

TIRES AND WHEELS

Wheel size	6.5 x 16 inches (standard on Base) / 7.0 x 17 (available on Base, standard on Limited) / 7.5 x 18 (standard on Sport)	7.0 x 17 inches (standard on Base, Limited) / 7.5 x 18 (standard on Sport)
Type and Material	Standard steel w/ wheel cap/ optional aluminum alloy	Standard steel / optional aluminum alloy on Base / standard aluminum alloy on Limited & Sport
Tire Size	P215/70 R16 (standard on Base) / P225/65 R17 (available on Base and standard on Limited) / 235/55 R18 (standard on Sport)	P225/65 R17 (standard on Base, Limited) / P235/55 R18 (standard on Sport)
Tire Type	All-season steel-belted radial blackwalls	All-season steel-belted radial blackwalls
Spare	Full-size	Full-size



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EXTERIOR DIMENSIONS (inches)

Wheelbase	104.7	104.7
Overall Length	181.1(with spare tire cover)	181.1(with spare tire cover)
Overall Width	w/ and w/o overfender: 71.5/73.0	w/ and w/o overfender: 71.5/73.0
Overall Height	w/ and w/o roof rails- two-row: 68.7/ 66.3 w/ and w/o roof rail-three-row: 69.1/66.5	w/ and w/o roof rails-two-row: 68.7/66.3 w/ and w/o roof rails-three-row: 69.1/66.5
Tread Width (front/rear)	2WD: 61.4/61.4 4WD: 61.4/61.4	2WD: 61.4/61.4 4WD: 61.4/61.4
Minimum Ground Clearance	(2WD/4WD) 7.5 inches	(2WD/4WD) 7.5 inches

INTERIOR DIMENSIONS (inches)

Headroom (front/middle/rear)	Front (w/out moonroof) 40.8 Front (with moonroof) 39.5 Middle (w/ and w/out moonroof) 39.7 Third seat (w/ and w/out moonroof) 37.2	Front (w/out moonroof) 40.8 Front (with moonroof) 39.5 Middle (w/ and w/out moonroof) 39.7 Third seat (w/ and w/out moonroof) 37.2
Legroom (front/middle/rear)	41.8/38.3/30.0	41.6/38.3/30.0
Shoulder Room (front/middle/rear)	57.1/55.3/52.6	57.1/55.3/52.6
Hip Room (front/middle/rear)	(53.8/52.4/43.3)	53.8/52.4/43.3
EPA Cargo Volume (cubic feet) *Cargo and load capacity limited by weight and distribution	Behind front row w/ second and third row folded: 73.0 Behind second row w/ third row folded (three row model): 37.2 Behind second-row in tow-row model: 36.4 Behind third row (three row model): 12.3	Behind front row w/ second and third row folded: 73.0 Behind second row w/ third row folded (three row model): 37.2 Behind second-row in tow-row model: 36.4 Behind third row (three row model): 12
EPA Interior Volume (cubic feet)	144.6 (two-row model) 144.4 (three-row model)	144.6 (two-row model) 144.4 (three-row model)
Passenger Volume (cubic feet)	Two-row model Front: 57.4, Second: 50.8 Three-row model Front: 57.4, Second: 49.8,Third: 32.0	Two-row model Front: 57.4, Second: 50.8 Three-row model Front: 57.4, Second: 49.8,Third: 32.0
EPA Class	Small-size SUV	Small-size SUV

PRELIMINARY EPA ESTIMATED FUEL ECONOMY (city/highway/combine mpg)


	four-cyl	V6
2WD	24/30/26	22/29/25
4WD	23/28/25	21/28/24

VEHICLE MASS and TOWING (lbs.)

Curb Weight	2WD: 3,300 Base, 3,371 Limited, 3,373 Sport 4WD: 3,444 Base, 3,512 Limited, 3,514 Sport	2WD: 3,527 Base, 3,547 Limited, 3,549 Sport 4WD: 3,655 Base, 3,675 Limited, 3,677 Sport
GVWR (two-row/three-row models)	2WD: 4,430/4,730 4WD: 4,535/4,865	2WD: 4,600/4,895 4WD: 4,720/5,015
Payload (two-row/three-row models)	2WD: 1,130/1,430 Base; 1,059/1,359 Limited; 1,057 Sport 4WD: 1,091/1,421 Base; 1,023/1,353 Limited; 1,021 Sport	2WD: 1,073/1,368 Base; 1,053/1,348 Limited; 1,051 Sport 4WD: 1,065/1,360 Base; 1,045/1,340 Limited; 1,043 Sport
Maximum Towing Weight	1,500	2,000 (standard towing) 3,500 (with Tow Package)
Maximum Tongue Weight	150	200 / 350 with Tow Package

ANGLE OF APPROACH/DEPARTURE

2WD: 29.3 degrees 4WD: 29.3 degrees	2WD: 25.4 degrees 4WD: 25.4 degrees
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SAFETY FEATURES

Driver and front passenger advanced airbags with occupant classification sensor; Available driver and front passenger seat-mounted side airbags, and front and second-row roll-sensing side curtain airbags	Driver and front passenger advanced airbags with occupant classification sensor; Available 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	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	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)	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) 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.	Child seat lower (ISOFIX CRS) anchor brackets located in the second-row seat cushion.
Available daytime running lights	Available daytime running lights
Pretensioners and force limiters on driver and front passenger seatbelts	Pretensioners and force limiters on driver and front passenger seatbelts
Head impact protection structure (A & B pillar trim panel)	Head impact protection structure (A & B pillar trim panel)
Fuel cut system in a collision	Fuel cut system in a collision

BASIC LIMITED WARRANTY COVERAGE

three-year/36,000-mile Comprehensive	three-year/36,000-mile Comprehensive
five-year/60,000-mile Powertrain	five-year/60,000-mile Powertrain