



RAV4

Product Source

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Model Line-Up

New for 1998

All Models

- Improved hp and torque:
127 hp @ 5400 (125 with CA emissions);
132 lb-ft @ 4600 (130 with CA emissions)
- Improved engine NVH characteristics
- Seatbelt pretensioners and force limiters
- Deeper horn tone
- New front grille and rear combination lamp design
- New quad multi-reflector halogen headlamps
- New front fascia
- Newly designed steel and alloy wheels {AW}
- Optional privacy glass
- White lens cover for turn signal lamps
- Sporty 3-spoke steering wheel
- Revised instrument cluster with digital odometer/dual trip meter and PRNDL indicator (on 4ECT models)
- Dual cup holder integrated into lower I/P trim panel
- Revised door trim panels
- Coat hooks added to rear assist grips on hard top models
- Jam protection feature on optional up/down power window
- Cloth headrests with Upgrade Package {UT}
- Optional Deluxe AM/FM ETR/CD {EV}



- New exterior colors
 - Radiant Red (3L5)
 - Sedona Sunset Metallic (4J6)
 - Deep Jewel Green Pearl (6P3)
 - Royal Sapphire Pearl (8L5)
- Deleted exterior colors
 - Ocean Mist Metallic (748)
 - Bright Red (3E6)
 - Sequoia Green Metallic (6N5)
 - Confetti Blue Metallic (8K4)
 - Purple Storm Metallic (925)

2-Door Models

- Left rear quarter window changed to swing-open type from fixed type

4-Door Models

- New 4-door fabric
- Additional auxiliary power outlet in rear cargo area
- New available sunroof wind deflector {SD}
- Standard tilt steering wheel

Body Styles and Trim Levels

Body Style	Trim Level	Trans.	Displacement	Cyl.	bhp	Model #
2-Door 2WD	RAV4	4ECT	2.0 liter	4	127	4412
		5M	2.0 liter	4	127	4413
2-Door 2WD Soft Top*	RAV4	4ECT	2.0 liter	4	127	4414
		5M	2.0 liter	4	127	4415
4-Door 2WD	RAV4	4ECT	2.0 liter	4	127	4416
		5M	2.0 liter	4	127	4417
2-Door 4WD	RAV4	5M	2.0 liter	4	127	4423
2-Door 4WD Soft Top*	RAV4	4ECT	2.0 liter	4	127	4424
		5M	2.0 liter	4	127	4425
4-Door 4WD	RAV4	4ECT	2.0 liter	4	127	4426
		5M	2.0 liter	4	127	4427

* New model for 1998 (Dec. '97 production)

Standard Features

RAV4 4WD 2-Door

Mechanical

- 2.0-liter 4-cylinder DOHC* 16-valve EFI engine
- Fluid-filled engine mount (1)
- Sequential multi-port electronic fuel injection
- Knock Control System (KCS)
- Full-time 4-wheel drive
- Center Differential
 - manual locking via dashboard switch (5M)
 - hydraulic multi-plate clutch (4ECT)
- 5-speed manual overdrive transmission
- Air-cooled transmission oil cooler (5M)
- Water-cooled transmission cooler (4ECT) with warning light
- Independent MacPherson strut front suspension with stabilizer bar
- Independent double-wishbone coil spring with trailing arm rear suspension
- Front and rear suspension subframes
- Power-assisted rack-and-pinion steering
- Power-assisted ventilated front disc/rear drum brakes
- Rear brake Proportioning Valve (PV)
- P215/70R16 mud-and-snow steel belted radial tires
- Full-size spare tire

Exterior

- Quad multi-reflector aerodynamic sealed-beam halogen headlamps and headlamps-on warning buzzer
- Front grille integrated into hood
- Front fender-mounted turn signal marker
- White lens covered turn signal lamp
- Flush-mounted green-tinted glass
- Dual swing-out quarter window glass
- Dual black fixed mirrors
- Rear door handle integrated into left rear taillamp
- Black-out roof sections
- Gray bodyside cladding
- Styled-steel wheels
- Built-in roof-rack brackets
- Integrated rear Center High-Mount Stop Lamp (CHMSL)
- Rear spare tire carrier
- Driver-side A-pillar mounted retractable antenna

Interior

- 3-way adjustable front bucket seats
- 50/50 split-folding and reclining rear seat with fold-up bottom cushions
- Front passenger seat walk-in system
- Full door trim with cloth insert
- 2-door seat fabric design
- Loop-type slide handle for the front seats
- Rear seatbelt storage pockets
- Dual door map pockets
- Rear storage box
- 3-spoke urethane steering wheel
- Dual vinyl sun visors with passenger-side vanity mirror
- Day/night rearview mirror
- Vinyl headliner
- Cup holders: 3-front, 2-rear
- Driver-side footrest
- Rear assist grips
- Coat hooks (hard top models only)
- Cut-pile carpeting
- Instrumentation: electronic analog speedometer, tripmeter, tachometer, coolant temperature gauges and fuel level
- Warning lights: brakes, battery, oil, check engine, door ajar, and low fuel level
- Intermittent front and rear wipers
- Rear-window defogger
- Cigarette lighter
- Digital quartz clock
- Radio Prep Package: 4 speakers and wiring

Safety**

- Driver and front passenger air bag Supplemental Restraint System (SRS)
- Seatbelts
 - Driver: 3-point with pretensioner, force limiter and ELR
 - Front passenger: 3-point with pretensioner, force limiter and ELR/ALR
 - Rear passengers: 3-point with ELR/ALR
- Energy-absorbing steering wheel and column
- Side-door beams

* Marketed as Twin-Cam

** See "Safety" section beginning on page 9 for additional information

S tandard Features

RAV4 4WD 4-Door **Differences vs 4WD 2-door**

Exterior

- Fixed rear quarter window glass
- Deletes:
 - Black-out roof sections
 - Swing out quarter window glass

Interior

- Unique 4-door fabric design
- Front seat back pockets
- Tilt steering wheel
- Adjustable shoulder belt anchors for driver and front passenger
- Cup holder: 3-front
- Rear auxiliary power outlet
- Deletes:
 - Front passenger seat walk-in system

Safety**

- Seatbelts
 - Rear center passenger: 2-point lap belt
- Child-protector rear door locks

RAV4 2WD 2-Door and 4-Door **Differences vs 4WD (2-door and 4-door)**

2WD Adds:

- Front-wheel drive

2WD Deletes:

- Full-time 4-wheel drive
 - Center differential
 - Air-cooled transmission oil cooler

** See "Safety" section beginning on page 9 for additional information

Standard/Optional Features

Mechanical

	2WD 2-Door/ Soft Top	2WD 4-Door	4WD 2-Door/ Soft Top	4WD 4-Door
• California emissions {CA}	.O	.O	.O	.O
• Other states emissions {RE}	.O	.O	.O	.O
• 2.0-liter 4-cylinder DOHC* 16-valve EFI engine	.S	.S	.S	.S
• Fluid-filled engine mount (1)	.S	.S	.S	.S
• Sequential multi-port electronic fuel injection	.S	.S	.S	.S
• Knock Control System (KCS)	.S	.S	.S	.S
• Front-wheel drive	.S	.S	.NA	.NA
• Full-time 4-wheel drive	.NA	.NA	.S	.S
• Center Differential	.NA	.NA	.S	.S
-manual locking via dashboard switch (5M)				
-hydraulic multi-plate clutch (4ECT)				
• Torque-Sensing Limited Slip Differential {LD}	.NA	.NA	.O	.O
• 5-speed manual overdrive transmission	.S	.S	.S	.S
• 4-speed electronically controlled automatic overdrive transmission (4ECT)	.O	.O	.NA/O	.O
• Air-cooled transmission oil cooler (5M)	.NA	.NA	.S	.S
• Water-cooled transmission cooler with warning light (4ECT)	.S	.S	.NA/S	.S
• Independent MacPherson strut front suspension with stabilizer bar	.S	.S	.S	.S
• Independent double-wishbone coil spring with trailing arm rear suspension	.S	.S	.S	.S
• Front and rear suspension subframes	.S	.S	.S	.S
• Power-assisted rack-and-pinion steering	.S	.S	.S	.S
• Power-assisted ventilated front disc/rear drum brakes	.S	.S	.S	.S
• Rear brake Proportioning Valve (PV)	.S	.S	.S	.S
• Four-wheel Anti-lock Brake System (ABS) {AB}	.O	.O	.O	.O
• P215/70R16 mud-and-snow steel belted radial tires	.S	.S	.S	.S
• Full-size spare tire	.S	.S	.S	.S
• All-Weather Guard Equipment Package {CK}	.O	.O	.O	.O

Exterior

• Quad multi-reflector aerodynamic sealed-beam halogen headlamps and headlamps-on warning buzzer	.S	.S	.S	.S
• Front grille integrated into hood	.S	.S	.S	.S
• Front fender-mounted turn signal marker	.S	.S	.S	.S
• White lens covered turn signal lamp	.S	.S	.S	.S
• Front-end mask {KM}	.A	.A	.A	.A
• Flush-mounted green-tinted glass	.S	.S	.S	.S
• Privacy glass {PG}	.O/NA	.O	.O/NA	.O
• Dual swing-out quarter window glass	.S	.NA	.S	.NA
• Fixed rear quarter window glass	.NA	.S	.NA	.S
• Dual black fixed mirrors	.S	.S	.S	.S
• Dual black power mirrors	.NA	.O ¹	.NA	.O ¹
• Rear door handle integrated into left rear taillamp	.S	.S	.S	.S
• Black-out roof sections	.S	.NA	.S	.NA
• Gray bodyside cladding	.S	.S	.S	.S
• Body cladding graphic {AK}	.A	.A	.A	.A
• Bodyside graphics package {L5}	.A/NA	.NA	.A/NA	.NA
• Fender flares {FN}	.A	.A	.A	.A
• Styled-steel wheels	.S	.S	.S	.S
• Aluminum alloy wheels, 6-spoke {AW}	.O	.O	.O	.O
• Aluminum alloy wheels, 5-spoke with overfenders {AL}	.NA	.NA	.O	.O
• Aluminum alloy wheels, 3-spoke {SS}	.A	.A	.A	.A
• Wheel locks (steel) {WS}	.A	.A	.A	.A
• Wheel locks (alloy) {WL}	.A ²	.A ²	.A ²	.A ²
• Wheel locks (alloy) {WZ}	.A ³	.A ³	.A ³	.A ³

Legend

S Standard
O Optional
A Dealer/Port-Installed
NA Not Available
{ } Option Code

Notes:

- {CK} Includes heavy-duty: battery, starter, front heater, rear heater and windshield washer tank
- {AW} Includes 6.5 x 16 aluminum alloy wheels and aluminum wheel cap
- {AL} Includes 6.5 x 16 aluminum alloy wheels, aluminum wheel cap, overfenders and P235/60R16 tires
- * Marketed as Twin-Cam
- 1 Available only as part of optional Upgrade Package {UT}
- 2 Requires optional alloy wheels {AW} or {AL}
- 3 Requires optional alloy wheels {SS}

Standard/Optional Features

Exterior (Cont'd)

	2WD 2-Door/ Soft Top	2WD 4-Door	4WD 2-Door/ Soft Top	4WD 4-Door
• Mudguards (black) {MF}	.A ⁴	.A ⁴	.A ⁴	.A ⁴
• Mudguards (front only) {MI}	.A ⁵	.A ⁵	.A ⁵	.A ⁵
• Mudguards (rear only) {MJ}	.A ⁶	.A ⁶	.A ⁶	.A ⁶
• Built-in roof rack brackets	.S	.S	.S	.S
• Roof rack (removable) {DR}	.A	.A	.A	.A
• Cargo Carrier rack attachment	.A	.A	.A	.A
• Ski rack attachment	.A	.A	.A	.A
• Integrated rear Center High-Mount Stop Lamp (CHMSL)	.S	.S	.S	.S
• Rear wind deflector {DD}	.A	.A	.A	.A
• Rear step bumper and tow hitch {FG}	.A	.A	.A	.A
• Side sport bars {1B}	.A	.A	.A	.A
• Rear spare tire carrier	.S	.S	.S	.S
• Spare tire cover (hard {C3} and soft versions)	.A	.A	.A	.A

Interior

• 3-way adjustable front bucket seats	.S	.S	.S	.S
• 50/50 split-folding and reclining rear seat with fold-up bottom cushions	.S	.S	.S	.S
• Front passenger seat walk-in system	.S	.NA	.S	.NA
• Full door trim with cloth insert	.S	.S	.S	.S
• 2-door seat cloth design	.S	.NA	.S	.NA
• 4-door seat cloth design	.NA	.S	.NA	.S
• Front seat back pockets	.NA	.S	.NA	.S
• Loop-type slide handle for the front seats	.S	.S	.S	.S
• Rear seatbelt storage pockets	.S	.S	.S	.S
• Dual door map pockets	.S	.S	.S	.S
• Rear storage box	.S	.S	.S	.S
• 3-spoke urethane steering wheel	.S	.S	.S	.S
• Dual vinyl sun visors with passenger-side vanity mirror	.S	.S	.S	.S
• Day/night rearview mirror	.S	.S	.S	.S
• Vinyl headliner	.S	.S	.S	.S
• Rear door storage bags {N9}	.A	.A	.A	.A
• Center console box {SK}	.A	.A	.A	.A
• Cup holders: 3-front, 2-rear	.S	.NA	.S	.NA
• Cup holder: 3-front	.NA	.S	.NA	.S
• Rear auxiliary power outlet	.NA	.S	.NA	.S
• Rear assist grips with coat hooks	.S/NA	.S	.S/NA	.S
• Driver-side footrest with cut-pile carpeting	.S	.S	.S	.S
• Carpeted floor mats {CF}	.A	.A	.A	.A
• Cargo mat {C1}	.A	.A	.A	.A
• Cargo net {GN}	.A	.A	.A	.A
• Instrumentation: electronic analog speedometer, tripmeter, tachometer, coolant temperature gauges and fuel level	.S ⁷	.S ⁷	.S ⁷	.S ⁷
• Warning lights: brakes, battery, oil, check engine, door ajar, and low fuel level	.S	.S	.S	.S
• Power moonroof {SR}	.NA	.O	.NA	.O
• Sunroof wind deflector {SD}	.NA	.A ⁸	.NA	.A ⁸
• Air conditioning (CFC-free) {AC}	.O/A	.O/A	.O/A	.O/A
• V.I.P. S1000 Base Security System {VI}	.A	.A	.A	.A
• V.I.P. RS3000 Deluxe Security System {V3}	.NA	.A ⁹	.NA	.A ⁹
• Keyless Entry System {KE}	.NA	.A ⁹	.NA	.A ⁹
• Power windows and door locks with auto up/down	.NA	.O ¹	.NA	.O ¹
• Cruise control {CL}	.O	.O	.O	.O
• Tilt steering wheel {TW}	.O	.S	.O	.S
• Intermittent front and rear wipers	.S	.S	.S	.S
• Rear-window defogger	.S	.S	.S	.S
• Cigarette lighter	.S	.S	.S	.S

Legend

S	Standard
O	Optional
A	Dealer/Port-Installed
NA	Not Available
{ }	Option Code

Notes:

- 1 Available only as part of optional Upgrade Package {UT}
- 4 NA with optional accessory {FG} or accessory package {Q3}
- 5 Available only with accessory {FG} or accessory package {Q4}
- 6 Available only with accessory {1B}, {FN} or accessory package {Q3}
- 7 Includes PRNDL indicator, LCD odometer and dual tripmeter on 4ECT models
- 8 Requires optional power moonroof {SR}
- 9 Requires optional Power Package {PO}

Standard/Optional Features

Interior (Cont'd)

	2WD 2-Door/ Soft Top	2WD 4-Door	4WD 2-Door/ Soft Top	4WD 4-Door
• Digital quartz clock {DQ}	S	S	S	S
• Driver-side A-pillar mounted retractable antenna	S	S	S	S
• Radio Prep Package: 4 speakers and wiring	S	S	S	S
• Deluxe AM/FM ETR/Cassette with 4 speakers {EX}	O	O	O	O
• Deluxe AM/FM ETR/CD with 4 speakers {EV}	O	O	O	O
• Midline AM/FM ETR/Cassette with 4 speakers {E2}	A	A	A	A
• Front Speaker Upgrade {RR}	NA	O	NA	O
• 3-Disk CD changer {P3}	NA	A ^{9,10}	NA	A ^{9,10}
• 6-Disk CD changer {P9}	NA	A ^{9,10}	NA	A ^{9,10}
• Auto Reverse Cassette Deck {P4}	A	A	A	A
• Compact Disk Deck {P5}	A	A	A	A
• Style Package {Q1}	A	A	A	A
• Rugged Package {Q3}	A	A ¹¹	A	A ¹¹
• Active Package {Q4}	A	A	A	A
• Convenience Package {C7}	A	A	A	A
• Upgrade Package {UT}	NA	O ¹²	NA	O ¹²
• Value Package {VP}	NA/O	O	NA/O	O
• Value Package {VK}	NA/O	O	NA/O	O

Safety*

• Driver and front passenger air bag Supplemental Restraint System (SRS)	S	S	S	S
• Seatbelts				
-Driver: 3-point with ELR ¹³ , pretensioner and force limiter	S	S ¹⁴	S	S ¹⁴
-Front passenger: 3-point with ELR/ALR ¹⁵ , pretensioner and force limiter	S	S ¹⁴	S	S ¹⁴
-Outboard passengers: 3-point with ELR/ALR ¹⁵	S	S	S	S
-Rear center passenger: 2-point lap belt	NA	S	NA	S
• Energy-absorbing steering wheel and column	S	S	S	S
• Side-door beams	S	S	S	S
• Child-protector rear door locks	NA	S	NA	S

Legend

S	Standard
O	Optional
A	Dealer/Port-Installed
NA	Not Available
{ }	Option Code

Notes:

- {Q1} Includes cladding graphic {AK} and hard spare tire cover {C3}
- {Q3} Includes bodyside graphics package {L5} (2-door only), cladding graphic {AK} (4-door), fender flares {FN} and sport side bars {IB}
- {Q4} Includes cladding graphic {AK}, removable roof rack {DR} and rear step bumper/tow hitch with rear mudguard {FG}
- {C7} Includes removable rear door storage bags {N9}, center console {SK}, and cargo mats {C1}
- {UT} Includes power windows, door locks, outside mirrors and cloth front/rear headrests
- {VP} Includes air conditioning {AC}, Deluxe AM/FM ETR/Cassette {EX}, tilt steering wheel {TW}, cruise control {CL}, Upgrade Package {UT}, soft spare tire cover, and carpeted floor mats {CF}
- {VK} Includes same items as {VP} with audio {EX} being replaced with Deluxe AM/FM ETR/CD {EV}
- * See "Safety" section beginning on page 9 for additional information
- 9 Requires optional Power Package {PO}
- 10 Requires optional audio {EX} or {E2}
- 11 NA with accessory {FG}
- 12 Requires audio option {RR}, {EX} or {EV}
- 13 Emergency Locking Retractor (ELR)
- 14 With adjustable shoulder belt anchors for driver and front passenger
- 15 Emergency Locking Retractor (ELR)/Automatic Locking Retractor (ALR)

Specifications

Mechanical

	2WD 2-Door/ 2-Door Soft Top	2WD 4-Door	4WD 2-Door/ 2-Door Soft Top	4WD 4-Door
ENGINE				
Type	2.0-L 4-Cyl. DOHC* 16-V EFI	2.0-L 4-Cyl. DOHC* 16-V EFI	2.0-L 4-Cyl. DOHC* 16-V EFI	2.0-L 4-Cyl. DOHC* 16-V EFI
Horsepower (bhp @ rpm)	127 @ 5400 ¹	127 @ 5400 ¹	127 @ 5400 ¹	127 @ 5400 ¹
Torque (lb-ft @ rpm)	132 @ 4600 ¹	132 @ 4600 ¹	132 @ 4600 ¹	132 @ 4600 ¹
MPG (EPA est. city/hwy)	5M - 24/28 4ECT - 23/28	5M - 24/28 4ECT - 23/28	5M - 22/26 4ECT - NA/ 4ECT - 22/26	5M - 22/26 4ECT - 22/26
DRIVETRAIN				
Type	Front-engine / Front-wheel drive	Front-engine / Front-wheel drive	Front-engine / Full-time 4WD	Front-engine / Full-time 4WD
TRANSMISSIONS				
Type	-standard 5-speed manual overdrive	5-speed manual overdrive	5-speed manual overdrive	5-speed manual overdrive
	-optional 4-speed ECT auto. overdrive	4-speed ECT auto. overdrive	NA/4-speed ECT auto. overdrive	4-speed ECT auto. overdrive
Differential Ratio	5M - 4.562:1 4ECT - 3.178:1	5M - 4.562:1 4ECT - 3.178:1	5M - 4.933:1 4ECT - NA/ 4ECT - 4.404:1	5M - 4.933:1 4ECT - 4.404:1
SUSPENSION				
Front	Ind; MacPherson Strut with stabilizer bar and subframes	Ind; MacPherson Strut with stabilizer bar and subframes	Ind; MacPherson Strut with stabilizer bar and subframes	Ind; MacPherson Strut with stabilizer bar and subframes
Rear	Ind; double-wishbone coil spring with trailing arms and subframes	Ind; double-wishbone coil spring with trailing arms and subframes	Ind; double-wishbone coil spring with trailing arms and subframes	Ind; double-wishbone coil spring with trailing arms and subframes
STEERING				
Type	Power-assisted rack-and-pinion	Power-assisted rack-and-pinion	Power-assisted rack-and-pinion	Power-assisted rack-and-pinion
Steering Ratio	17.7:1	17.7:1	17.7:1	17.7:1
Turning Circle** (ft.)	33.5	36.1	33.5	36.1
Turns***	2.7	2.7	2.7	2.7
BRAKES[†]				
Front/Rear	-standard Ventilated disc/drum	Ventilated disc/drum	Ventilated disc/drum	Ventilated disc/drum
	-optional Anti-lock Brake System	Anti-lock Brake System	Anti-lock Brake System	Anti-lock Brake System
WHEELS				
Type/Size	-standard Steel / 6.0 x 16	Steel / 6.0 x 16	Steel / 6.0 x 16	Steel / 6.0 x 16
	-optional Aluminum alloy / 6.5 x 16	Aluminum alloy / 6.5 x 16	Aluminum alloy / 6.5 x 16	Aluminum alloy / 6.5 x 16
TIRES				
Type	Mud-and-snow steel-belted radials	Mud-and-snow steel-belted radials	Mud-and-snow steel-belted radials	Mud-and-snow steel-belted radials
Size	-standard P215/70R16	P215/70R16	P215/70R16	P215/70R16
	-optional NA	NA	P235/60R16	P235/60R16
Spare	Full-size	Full-size	Full-size	Full-size
CAPACITIES				
Curb Weight (lb.)	5M - 2524/ 4ECT - 2568/ 5M - 2546 4ECT - 2590	5M - 2668 4ECT - 2712	5M - 2701/ 4ECT - NA/ 5M - 2723 4ECT - 2789	5M - 2789 4ECT - 2910
Fuel Tank (gal.)	15.3	15.3	15.3	15.3
GVWR (lb.)	3550	3913	3649	3946
Towing** (lb.)	1500	1500	1500	1500
Payload*** (lb.)	5M - 1026/ 4ECT - 982/ 5M - 1004 4ECT - 960	5M - 1245 4ECT - 1201	5M - 948/ 4ECT - NA/ 5M - 926 4ECT - 860	5M - 1157 4ECT - 1036

Exterior

Wheelbase (in.)	86.6	94.9	86.6	94.9
Overall Length (in.)	147.6	163.8	147.6	163.8
Overall Width (in.)	66.7	66.7	66.7	66.7
Overall Height (in.)	64.8	65.0	65.2	65.4
Tread Width -front/rear (in)	57.5 / 57.7	57.5 / 57.7	57.5 / 57.7	57.5 / 57.7
Ground Clearance (in.)	7.3	7.3	7.7	7.5

Interior

Seating Capacity	4	5	4	5
Head Room -front/rear (in.)	40.0 / 38.6	40.3 / 39.0	40.0 / 38.6	40.3 / 39.0
Leg Room -front/rear (in.)	39.5 / 33.9	39.5 / 33.9	39.5 / 33.9	39.5 / 33.9
Shoulder Room -front/rear (in.)	53.3 / 50.2	53.1 / 53.1	53.3 / 50.2	53.1 / 53.1
Hip Room -front/rear (in.)	55.8 / 39.6	55.9 / 56.0	55.8 / 39.6	55.9 / 56.0
Cargo-behind rear seats (cu. ft.)	9.3 ²	26.8 ³	9.3 ²	26.8 ³

Safety[†]

OCCUPANT RESTRAINT SYSTEMS

Air bag (SRS)	Driver and front passenger	Driver and front passenger	Driver and front passenger	Driver and front passenger
Seatbelts	-driver 3-point with ELR ¹	3-point with ELR ^{4,5}	3-point with ELR ⁴	3-point with ELR ^{4,5}
	-front passenger 3-point with ELR/ALR ⁶	3-point with ELR/ALR ^{6,10}	3-point with ELR/ALR ⁶	3-point with ELR/ALR ^{6,10}
	-rear outboard passengers 3-point with ELR/ALR ⁶	3-point with ELR/ALR ⁶	3-point with ELR/ALR ⁶	3-point with ELR/ALR ⁶
	-rear center passenger NA	2-point lap belt	NA	2-point lap belt

Notes:

NA	Feature not available	††	Requires additional equipment.	1	125 hp and 130 lb-ft of torque when equipped with California emissions	5	With pretensioner, force limiter and adjustable shoulder belt anchor for driver and front passenger
—	Information not available		Consult the 1998 Toyota Trailer Towing Guide for details and GCWR limits.	2	34.7 with rear seats folded	6	Emergency Locking Retractor (ELR)/Automatic Locking Retractor (ALR)
*	Marketed as Twin-Cam	†††	Includes occupants, equipment and cargo	3	57.9 with rear seats folded		
**	Curb-to-curb	†	See "Safety" section beginning on page 9 for additional information	4	Emergency Locking Retractor (ELR)		
***	Lock-to-lock						
†	Power-assisted						

Features and Benefits

Safety



KEY FEATURES

Dual Air Bag Supplemental Restraint System (SRS)*

Seatbelt Pretensioner and Force Limiter

Side-Door Beams

Ventilated Front Disc Brakes

Full-Time 4WD

Optional 4-Wheel Anti-lock Brake System (ABS)

BENEFITS

Helps limit the motion of the head and upper body in the event of a severe frontal collision.

Helps seatbelts work more effectively in protecting occupants.

Help provide some protection if RAV4 is hit from the side.

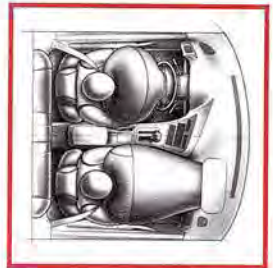
Help reduce brake fade and rotor warping by allowing cooling air to pass through the vents in the hot discs.

Helps provide excellent traction.

Helps reduce wheel lock-up while providing better steering control during hard braking.

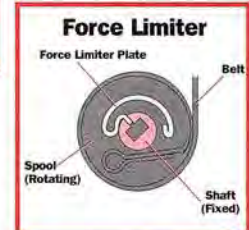
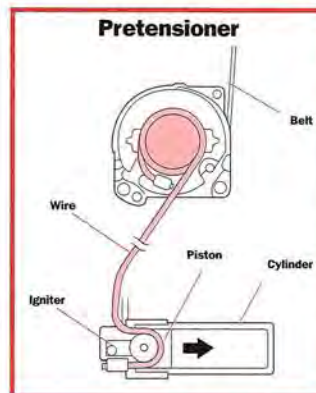
Dual Air Bag Supplemental Restraint System (SRS)*

In a severe frontal collision, sensors (located in the floor tunnel) detect the force of the impact and cause the bags to inflate within milliseconds (after it begins to happen) helping to limit the motion of the head and upper body. Safety belts must be worn at all times for maximum protection. Air bags won't inflate in minor frontal impacts or other types of accidents.



Seatbelt Pretensioners and Force Limiters

New seatbelt pretensioners and force limiters are standard on the two front seats on all RAV4's. Pretensioners cinch the belt in the event of a collision. The force limiter helps reduce the force that is applied to the occupant's chest area.

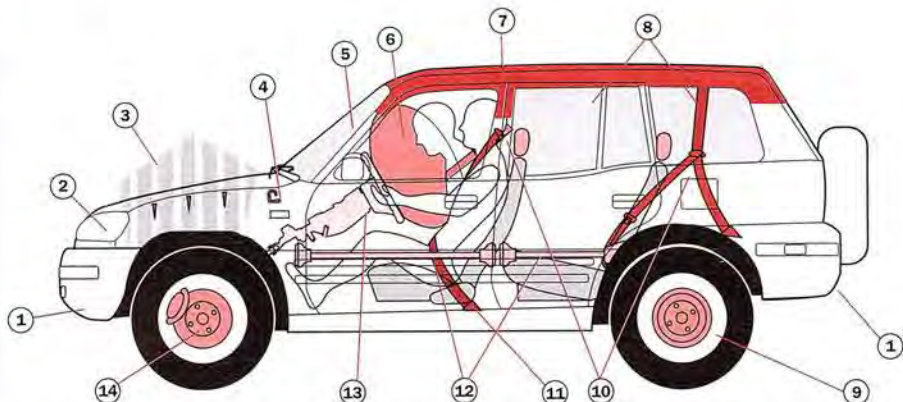


Impact Protection

Crumple Zones

Protective features of the RAV4 that help absorb the impact of a collision. These pre-stressed areas in the fender, hood and related body components are designed to crush and absorb energy during an impact. As the area successively crushes in a collision, crash energy is dissipated, which helps prevent much of the collision energy from reaching the passenger compartment.

- 1 Impact-absorbing bumpers
- 2 Halogen headlamps
- 3 Crumple zone
- 4 Hood hold-down hooks
- 5 Laminated safety glass
- 6 Dual air bag (SRS)*
- 7 Roof strength
- 8 Tempered safety glass
- 9 Drum brakes/ABS**
- 10 3-point seatbelts (outboard positions)
- 11 Seatbelt pretensioner and force limiter
- 12 Side-door beams
- 13 Energy-absorbing steering wheel and column
- 14 Ventilated disc brakes/ABS**



* The Toyota driver and front passenger air bags are a Supplemental Restraint System (SRS) designed to inflate in a severe frontal collision. In all other accidents, the air bags will not inflate. To minimize the risk of severe injury in all types of crashes, all occupants must always wear seatbelts. Do not sit or place objects close to an air bag. Do not place rearward-facing child seats in the front passenger seat. Serious injury or death can occur from the deploying air bag. Place children securely in the rear seat. Please see the Owner's Manual for instructions on SRS and child seat usage.

** ABS is optional

Features and Benefits



Side-Door Beams

Tubular steel beams located under the sheet metal in RAV4 doors **help provide some protection** if the RAV4 is hit from the side.

3-Point ELR/ALR Safety Belts at All Outboard Locations¹

The **ELR** (Emergency Locking Retractor) allows the belts to extend or retract with occupant movement, yet **locks them during a sudden stop or upon impact**. The **ALR** (Automatic Locking Retractor) **allows a child seat to be secured without using a seatbelt locking clip**. Do not place rearward-facing child seats in the front passenger seat. Serious injury or death can occur from the deploying air bag. See Owner's Manual for child seat usage.

Hood Hold-Down Hooks

Two hooks at the back end of the hood (near the cowl) **help keep the hood in place during a frontal collision**. They are designed to help restrain the hood from being pushed rearward into the passenger compartment, **helping protect the occupants**.

Accident Avoidance

Quad Multi-Reflector, Aerodynamic Halogen Headlamps

RAV4's halogen headlamps provide **outstanding illumination to help light the road ahead for drivers**. They also contribute to the vehicle's sporty, contemporary appearance.

Front Ventilated Disc Brakes

Vents in the brake discs (or rotors) **allow cooling air to pass through the hot discs**. This helps reduce heat build-up to **maintain stopping power, and helps lessen the chance of the brakes fading, glazing or warping**. RAV4 has 11.8-inch front discs.

Full-Time 4WD

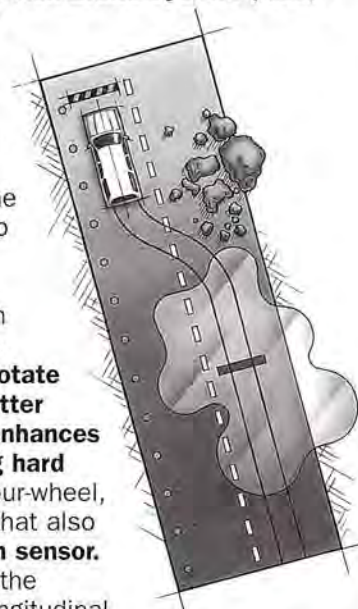
All 4x4 RAV4's feature the excellent traction provided by full-time 4WD. The 4WD is always engaged, sending variable amounts of power to the front and rear wheels. This helps improve traction in most road and weather conditions over standard 2WD. **A significant weight savings is also gained since there is no need for an external transfer case, which most part-time 4WD vehicles must have.**

Front-Wheel Drive

The RAV4 2WD models have a drivetrain layout that **positions the engine weight over the front drive wheels, which helps improve traction**. 2WD's also have a weight savings since there is no driveshaft or rear differential.

Available 4-Wheel Anti-lock Brake System (ABS)²

ABS is a sophisticated computer-controlled system that **helps to regulate braking pressure to help avoid wheel lock-up during heavy braking**. When the wheels are beginning to lock, the computer causes the brakes to pulse more rapidly than humanly possible. **This allows the wheels to rotate rather than skid for better stopping control and enhances steering control during hard braking**. RAV4 has a four-wheel, three channel system that also features a **deceleration sensor**. This sensor measures the vehicle's lateral and longitudinal G-forces and **helps balance braking control and steering feel**.



Personal Security

The following standard or optional features provide customers greater feelings of "safety and security" every time they enter and use their RAV4:

- **Low fuel level warning light** indicates the need to refill the fuel tank.
- **Optional Vehicle Intrusion Protection (V.I.P.)** is a security system that offers point-of-entry protection and starter disable. The system is automatically armed by removing the ignition key from the ignition.
- **Rear-window defogger** helps provide better visibility.
- **Child-protector rear door locks³** help prevent a rear door from being opened inadvertently from the inside of the vehicle.
- **Two-turn door locks⁴** provide an extra measure of security by opening only the driver's door when inserted and turned once. A second turn unlocks the passenger door.
- **Headlamps-on warning buzzer** reminds the driver to turn off lights before leaving the vehicle.

¹ Driver's side has ELR. Outboard passenger seats have ELR and ALR

² Deceleration sensor available on 4WD models only

³ Standard on 4-door models; not available on 2-door models

⁴ Optional as part of Upgrade Package (UT), Value Package (VP), and Value Package #2 (VK)

Features and Benefits

Performance



KEY FEATURES

2.0L 4-Cylinder DOHC*
16-Valve Engine

Optional 4ECT
Automatic
Transmission²

4-Wheel Independent
Suspension

Rack-and-Pinion
Steering

BENEFITS

Efficient Twin-Cam design develops 127 hp and 132 lb-ft of torque.¹

Provides better driveability and less gear hunting than conventional automatics for a smoother, more enjoyable ride.

Helps provide outstanding ride and handling.

A simple, precise steering system that is rugged and durable. It helps provide outstanding steering response and excellent road feel.

Optional 4-Speed Electronically Controlled Automatic Transmission (4ECT)²

Gear selection is controlled by a sophisticated computer that analyzes driving conditions (speed, load, etc.) and driver actions (throttle position) before selecting a gear. **The result is smoother shifts, improved performance and increased fuel economy.** Following are two features of the transmission:

- **Overdrive 4th gear** reduces engine rpm at highway speeds, which helps provide quieter driving and increased fuel economy.
- The **Electronic Control Unit** momentarily retards ignition timing and electronically disengages the transmission during gear changes. This results in smoother shifts and better performance.

Drivetrain

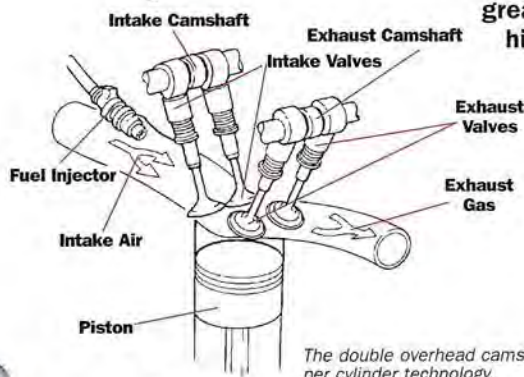
The 2.0L 4-Cylinder DOHC* 16-Valve EFI Engine Delivers Power

RAV4's 2.0-liter engine is rated at **127 horsepower (hp) at 5400 rpm.¹** Its torque is rated at **132 lb-ft at 4600 rpm.¹** Engine features include sequential, multi-port electronic fuel injection (EFI), Knock Control System (KCS) and dual overhead cam (DOHC) technology. The RAV4 engine is mounted in a slanted, transverse profile to permit the use of a short overhang for the front of the vehicle.

Double Overhead Cam (DOHC) and 4-Valves per Cylinder

This arrangement of two intake and two exhaust valves allows more fuel/air mixture into the cylinder for more efficient engine "breathing" and combustion, producing greater horsepower and higher fuel economy.

Toyota's DOHC eliminates moving parts, such as rocker arms and push-rods, to help make the engine smoother, quieter and more efficient.

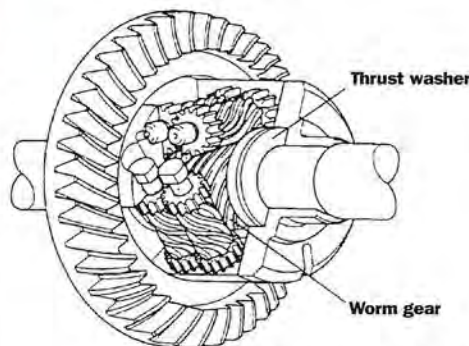


The double overhead camshaft is part of four-valve per cylinder technology.

* Marketed as Twin-Cam

¹ 125 hp and 130 lb-ft of torque when equipped with CA emissions

² Not available on 4WD 2-door hard top model



Torque-sensing type LSD

Optional Torque-Sensing Limited Slip Differential (LSD)

Optional on all 4WD models, RAV4's LSD has a high bias ratio design that **helps provide good traction.** The LSD provides the RAV4 with **greater vehicle acceleration control, and improved on- and off-road vehicle running ability.**

Available in Both 2WD and 4WD Configurations

RAV4 will meet almost any customer's sport-utility needs, with the availability of both 2WD (front-wheel drive) and full-time 4WD configurations.

Full-Time 4WD

Provides improved traction for handling moderate off-road driving and inclement weather conditions. And, because it's full-time, the driver doesn't have to worry about engaging the system.

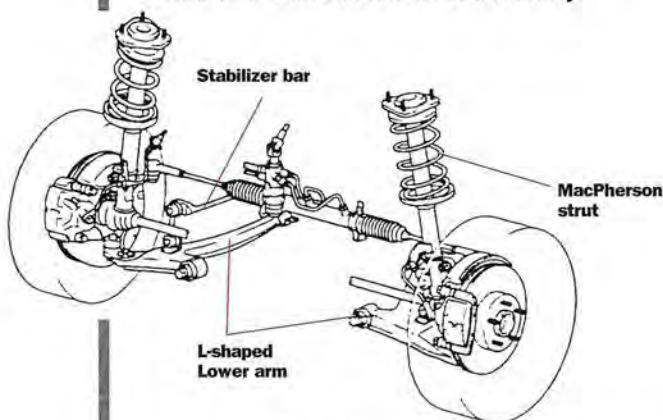
Features and Benefits



Chassis

Independent MacPherson Strut Front Suspension

RAV4's front suspension features a MacPherson Strut type suspension that utilizes an L-shaped lower arm that also functions as a strut bar. This system helps provide occupants with a comfortable ride and sure-footed off-road ability.



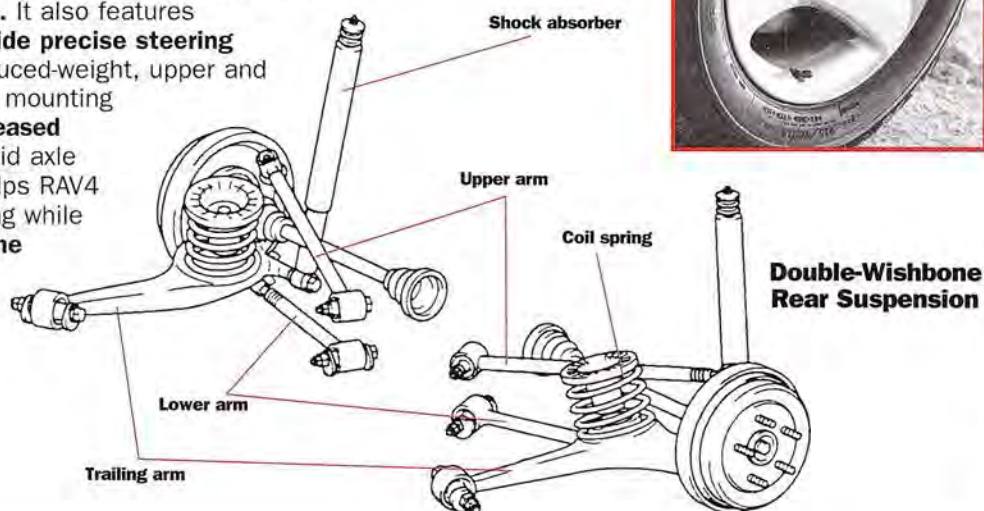
MacPherson Strut Front Suspension

Anti-Vibration Subframes

Anti-vibration subframes are used in two places on RAV4 to help **reduce noise and vibration while adding rigidity for more precise handling**. Up front, the engine, transmission, steering and other parts are mounted to a subframe by bushings, which in turn, are mounted to the body by more bushings. **This helps reduce noise and vibration in two stages.** A similar system is used in the rear end to help isolate potential rear suspension noises and vibrations from the passenger cabin.

Independent Double-Wishbone Rear Suspension

This double-wishbone system allows coil springs to handle each road imperfection independently, **providing a smooth ride for RAV4 occupants, even over rough road surfaces**. It also features geometry that **helps provide precise steering through corners**, and reduced-weight, upper and lower control arms with a mounting system that **provides increased rigidity** compared to a solid axle unit. Increased rigidity helps RAV4 resist bending and twisting while moving, **helping reduce the chance of squeaks and rattles developing over time**.



Double-Wishbone Rear Suspension

Front Stabilizer Bar with Ball Joint Connection Points

RAV4's use of ball joint connection points **helps decrease body roll even during the initial stages of cornering**. Vehicle stability is enhanced throughout the cornering process, helping to provide excellent cornering performance.

Rack-and-Pinion Steering

All RAV4s will have a power-assisted rack-and-pinion steering system, which **provides the driver with good road feel and precise steering response**. The power-assist helps provide a lower steering effort, especially during slow-speed maneuvers.

Wheels and Tires

RAV4 features large wheels and tires that **help provide excellent ride comfort and low noise**. Tire size is P215/70R16. The **new standard wheel is a 5-spoke steel wheel**. There is a new optional factory-installed 6-spoke aluminum alloy wheel and a PIO 3-spoke alloy wheel, which offer a sporty appearance and reduced unsprung weight. RAV4 also offers an optional 5-spoke alloy wheel with P235/60R16 tires and overfenders on 4x4 models.

The tires are **mud-and-snow steel belted radials**, which help provide excellent traction on- and off-road and in wet weather.

Features and Benefits

Comfort and Convenience



KEY FEATURES

Versatile Seats

Large Fuel Tank

Roof Rack Bracket

New Optional Value Packages

BENEFITS

RAV4 seats can be easily adapted for multiple passenger and/or cargo hauling configurations by folding.

15.3-gallon capacity provides an excellent cruising range* to avoid frequent fill-ups.

Built-in one-touch sliding bracket can accommodate many different types of roof racks.

RAV4 offers two new value packages for 1998.

Roof Rack Bracket

The roof of the RAV4 is designed to accommodate work or leisure activity equipment. It features a **one-touch sliding roof bracket** that can accommodate many types of equipment-holding racks.



Optional roof rack with luggage carrier shown.

Reclining Front Seats

RAV4 features **standard 3-way adjustable front bucket seats**. The seats have a sporty look with a different cloth design for 2-door and 4-door. And in 4-door models, both front seats feature a net-type back pocket for storage.

Walk-in System with Memory (2-door front passenger seat only)

When the walk-in pedal is depressed, the front seat back folds forward and the entire seat assembly slides forward on its tracks, **making entry and exit from the rear seat easier**. Afterward, when the seat is pushed back, it slides into its original position on the seat track.

Adjustable Shoulder Belt Anchors¹

The RAV4's front shoulder belts can be adjusted to "custom-fit" the belts to the size of the occupants through a range of five settings. **This allows individual drivers and front passengers to position where the belt crosses the shoulder and chest to enhance occupant comfort.**

Large Fuel Tank

The fuel tank capacity is 15.3 gallons in both the 2-door and 4-door models, which helps provide a long cruising range.* It is located in front of the rear axle as a measure of protection.

Rear 50/50 Split-Folding Seat

The split rear seat backs **recline and/or fold down to accommodate various configurations**. They also can be lifted and folded forward towards the front seats to increase the amount of available cargo area floor space.



* See EPA mileage statement on back cover

1 For driver and front passenger on 4-door models only

Features and Benefits



Excellent Cargo Capacity

The cargo area floor in the 4-door is 16 inches deeper than the 2-door's floor when the back seats of both units are in place. **When both rear seats are folded forward, cargo space is maximized.** In fact, in the 4-door there is over 57 cubic feet of space.

Optional Upgrade Package:

The items below are grouped together and offered as an Upgrade Package {UT}.

- Power windows
- Power door locks
- Power mirrors
- Cloth front and rear headrests

Standard Convenience Features on RAV4:

- Front seat back pockets (4-door only) offer storage for rear passengers
- Dual door map pockets for storage
- Cup holders: 3-front/2-rear (2-door); 3-front (4-door)
- Dual vinyl sunvisors with passenger vanity mirror
- Intermittent windshield wipers to help clear mist and rain
- Rear-window defogger to help improve visibility
- Rear storage box to stow small items
- Digital quartz clock for convenience
- Rear auxiliary power point (4-door only)
- Rear assist grips with coat hooks

Optional Value Package {VP}:

- Air conditioner
- Deluxe AM/FM ETR/Cassette {EX}
- Tilt steering wheel
- Cruise control
- Upgrade Package {UT}
- Soft spare tire cover
- Carpeted floor mats

Optional Value Package #2 {VK}:

- Value Package {VP}
- Deluxe AM/FM ETR/CD {EV}

Features and Benefits

Styling



KEY FEATURES

New Exterior Design

Fun, Personal, Sporty 2-Door Design

Dynamic Side View

Sporty, Friendly 4-Door Design

BENEFITS

RAV4 receives fresh exterior styling to give it a more rugged and aggressive look.

Black-out roof sections and black-out window surrounds provide an appearance that is designed to appeal to active, young customers.

Incorporates a large body cladding, large wheels and tires and wrap-around bumpers integrated into the fenders for a sporty look.

Urban sporty appearance designed to appeal to young couples or families or to people who need a little more space.

Dynamic Side View

RAV4's bumpers wrap around from the front and rear into the fenders, providing an integrated look that flows past the wheels into the large body cladding. There is a kicked-up arch over the rear wheel for a lively, fun look.



Shown with optional accessories.

Sporty, Friendly 4-Door Appearance

The 4-door RAV4 has black-out styling and a large glass area for a sporty, inviting look designed to appeal to young families or active singles who need more space.

Exterior

New Exterior Design

New RAV4 models receive fresh exterior styling featuring new grille, front fascia, quad multi-reflector headlamps and new wheels.

Rear combination lamps are also revised for 1998.

These changes give the RAV4 a more rugged and aggressive look.



Fun, Personal, Sporty 2-Door Styling

RAV4's design combines an off-road sporty appearance with on-road comfort. Key design elements in the 2-door include black-out roof sections and black-out rear window surrounds that express elegance and sleekness. The styling suggests a strong, sporty, active image.

Bold Rear Styling

The wide stance is accented by the rear glass that is built into the door frame and the back door handle that is integrated into the newly designed left rear combination lamp. This provides a more aggressive look. The RAV4 also sports an exterior spare tire carrier and unique rear bumpers with built-in reflectors.

Sporty Wheels and Tires

Both RAV4 2-door and 4-door models come standard with rugged P215/70R16 mud-and-snow radial tires. The tires are wrapped around new sporty-looking 16-inch styled-steel wheels. Three styles of aluminum alloy wheels are optional.

Features and Benefits



Interior

Outstanding Combination of Fun and Utility

RAV4's interior is designed to provide drivers and passengers with a feeling that the vehicle is **at home in the country, yet still fun to drive in the city.**

Ergonomic Instrument Panel

The sporty gauge cluster features a speedometer, tachometer, fuel level meter and temperature indicator. It also has a low-fuel warning light, and a door ajar warning light. **New for 1998, 4ECT models receive a revised instrument cluster with digital odometer/dual trip meter and PRNDL indicator. The controls are positioned close to the driver and instruments are easy to read,** which gives RAV4 a very user-friendly design.



Door Trim

For 1998, RAV4 gets revised door trim panels. The door trim features **a large door grip and a spacious storage pocket with an accent color cloth panel in between.** There is also a convenient storage box in the rear deck side.



Optional cargo net shown.

Accessories

RAV4 has a great selection of accessories and can be personalized to meet a variety of styling needs. The list of available accessories includes:

- Cargo Mat {CI}
- Fender Flares {FN}
- 3-spoke Alloy Wheels {SS}
- Black Mudguards {MF}
- Roof Rack {DR}
- Rear Wind Deflector {DD}
- Spare Tire Cover {C3}
- Side Sport Bars {1B}
- Cargo Net {GN}
- Rear Door Storage Bags {N9}
- Bodyside Graphics Package {L5} (2-door only)
- Various Audio Systems
- Center console box {SK}
- Sunroof wind deflector {SD}
- Air conditioning {AC}
- Wheel locks {WL}, {WS}, {WZ}
- Cladding graphic {AK}
- Security System {V1}, {V3}

Features and Benefits

Quality/Dependability/Reliability and Value



KEY FEATURES

Body Construction

Scratch-Resistant Bumpers

Rust Inhibitor Process

Toyota Warranty

BENEFITS

Extensive use of high-strength, anti-corrosion steel helps to enhance RAV4's value by increasing rigidity, durability and reducing weight.

Toyota Super Olefin Polymer construction is highly rigid, helping the bumpers and body cladding resist scratches and dents.

A multi-step process that helps the body panels to resist rust and maintain their like-new appearance.

Stands behind each product we sell.

Dependability

Body Construction

High-strength, anti-corrosion steel is used in all major structural areas throughout the body **to help improve rigidity, resist corrosion and provide a lighter body shell.**

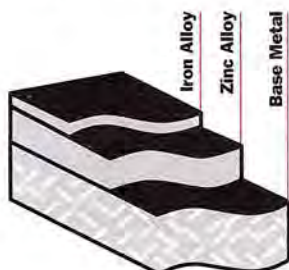
Scratch-Resistant Bumpers

The front and rear bumpers and side cladding are made of **Toyota Super Olefin Polymer**. **This material is resistant to scratches and impacts due to its high rigidity.** It is also resistant to swelling caused by heat, so the fit is very precise.

Rust Inhibitor Process

Major body components are made of **Galvanized sheet steel**. Other, outward-facing panels are made of Excelite II; **a double-layered zinc-iron alloy coated**

steel sheet. Before these rust-resistant panels are painted, **sealing waxes** are put in moisture-collecting areas and a **chip-resistant paint coat** is applied to key exposed places. After painting, a **large side cladding** is installed to help protect the vehicle from dents and dings.



Rust-resistant body panels

Reliability

Electronic Fuel Injection (EFI) System

RAV4's fuel injection system is managed by a sophisticated computer that precisely controls when each injector opens and closes. This **improves startability on cold days, and helps lower emissions and provide better fuel economy.**

Gold-Plated Electrical Connectors

Gold, one of the best electrical conductors, **resists oxidation and corrosion, thus greatly improving reliability.** These expensive terminals are used in vital circuits, such as the fuel injection computer, oxygen sensor and air bag sensors.

Knock Control System (KCS)

This system **reduces detonation or "pinging" by adjusting the spark timing.** The engine computer retards the spark timing when a sensor detects "pinging." This spark timing adjustment **allows the engine to reduce the risk of damage caused by low-octane fuel.** It also helps provide smooth power and better fuel economy.

Warranty

Toyota stands behind every RAV4 with a comprehensive limited warranty:

- 3 years or 36,000 miles (whichever comes first) of **basic coverage.**
- 5 years or 60,000 miles (whichever comes first) of **powertrain coverage.**
- 5 years unlimited mileage of **corrosion coverage.**

Toyota dealers have the complete details on warranty coverage.

Air Bag, Dual (SRS)

In vehicles equipped with an air bag Supplemental Restraint System (SRS), the air bag inflates with nitrogen gas within milliseconds to help limit the motion of the driver's head and upper torso to help prevent injury in a severe frontal impact. This system supplements, but does not replace, the 3-point seatbelt system, which provides primary protection. The air bag is not intended to operate during an impact other than a severe frontal impact, in which case the 3-point system is the only personal protection. In a severe frontal impact, the center main sensor senses the impact and activates the air bag system. The air bag, which emerges from the steering wheel pad, then deflates within a few tenths of a second.

The front passenger air bag is usually incorporated into the top part of the passenger-side instrument panel. This air bag emerges from an air bag module that can usually be replaced without replacing the entire instrument panel. This bag is slightly larger than the driver-side air bag and is also designed to help limit the motion of the passenger's head and torso in case of a severe frontal impact. Do not place rearward-facing child seats in the front passenger seat. Serious injury or death can occur from the deploying air bag. Place children securely in the rear seat.

Automatic Transmission Shift Lock

This safety device requires that the ignition is on and the brake pedal is depressed before the transmission lever can be moved out of "Park." The shift lock prevents a vehicle from being put into "Drive" or "Reverse" and accelerating inadvertently.

Axle Ratio

The number of times the driveshaft rotates to turn the axle shaft one rotation. For example, if the driveshaft gear has 10 teeth and the axle shaft gear has 30 teeth, the driveshaft gear would have to turn three times to turn the axle shaft gear once. This translates to a ratio of three-to-one (3:1).

Ball Joint

A flexible joint consisting of a ball in a socket. It is used primarily in the front suspension because of its wide range of motion.

CFC-Free Air Conditioning

A vehicle air conditioning system that uses R-134a refrigerant instead of CFC-based chemicals (usually known as freon).

Control Arms

A part of the suspension system designed to control wheel movement precisely. It is also known as a wishbone or an A-arm.

Differential

A gear assembly that allows one driven wheel to turn at a different speed from the wheel on the other end of the axle. This is necessary since an outside wheel has further to travel than an inside wheel when turning a corner.

Double Overhead Cam (DOHC)

An engine configuration with two overhead camshafts per row of cylinders. One camshaft operates the intake valves and the other operates the exhaust valves. This is the usual arrangement in engines with multi-valve cylinder heads. Compared to single overhead cam designs, the direct drive used in all Toyota DOHC engines requires fewer moving parts. It eliminates the rocker arms needed to actuate the valves, thus improving efficiency and reducing vibration and noise. Compared to push-rod overhead valve (OHV) engines, which use an arrangement by which the camshaft is located in the engine block and opens the valves via long push-rods and rocker arms, it eliminates the need for both of these components. With fewer moving parts, there is less inertia. So, an overhead cam engine can run at a higher speed and produce more power than a comparably sized push-rod engine.

Double Wishbone Suspension

This is an independent suspension system in which each wheel is located on a "knuckle" that is connected by ball joints to upper and lower A-arms that are unequal in length. This system minimizes changes in track and camber during cornering and when driving over bumps.

ELR/ALR 3-Point Seatbelts

The ELR (Emergency Locking Retractor) allows the driver seatbelt to extend and retract with occupant movement, yet locks the belt during a sudden stop or upon impact. The ALR (Automatic Locking Retractor) makes it possible to secure a child seat without using a seatbelt locking clip. To activate the ALR retractor, pull the shoulder belt all the way out, then allow it to retract to the desired length. Press down firmly on the child seat as the belt retracts to buckle the child seat securely in place. The ALR retractor is deactivated by unbuckling the belt and allowing it to retract fully. Do not place rearward-facing child seats in the front passenger seat. Serious injury or death can occur from the deploying air bag. Place children securely in the rear seat. See the Owner's Manual for child seat usage.

Glossary

Gross Combined Weight (GCW)

The total weight of a vehicle, including all its contents, plus the weight of a trailer and its entire contents. The GCW should not be allowed to exceed the Gross Combined Weight Rating (GCWR).

Gross Combined Weight Rating (GCWR)

The maximum allowable weight as specified by the manufacturer. Exceeding this limit compromises safety and may be against state law.

Gross Vehicle Weight (GVW)

The sum of curb weight plus payload. Curb weight is the weight of a vehicle with all fluids, less driver, ready to be operated. Payload is the load added to a vehicle, including the driver, passengers and any other equipment and cargo.

Gross Vehicle Weight Rating (GVWR)

The maximum allowable loaded vehicle weight. It includes the vehicle and its equipment, occupants, fluids and cargo.

Ground Clearance

The distance between the lowest point on the vehicle and level ground.

Halogen Headlamps

Headlamps with special bulbs that provide brighter illumination than conventional bulbs, yet last longer and use less energy. They get their name from the halogen gas inside the bulb.

Horsepower

The measurement of the ability to do work over time. One horsepower is the amount of energy needed to raise 33,000 pounds a distance of one foot in one minute. Simply put, it is the engine performance rating that helps an engine maintain and maximize vehicle speeds.

Independent Suspension

Each wheel of an independent suspension is sprung separately so that a bump affecting one does not affect the others.

Limited Slip Differential (LSD)

Improves traction by splitting torque evenly and preventing one wheel from slipping or spinning. Especially helpful during cornering or other slippery situations (snow, gravel, etc.)

MacPherson Strut Suspension

An independent suspension unit consisting of both a coil spring and a shock strut. (A shock absorber is inside the strut.) It is most commonly found in the front of vehicles but can be used in the rear. This is a compact design that allows efficient space utilization while providing a smooth, comfortable ride with good handling.

Payload Rating

The maximum allowable weight, including occupants, equipment and cargo, a truck can transport. It is always determined by the manufacturer. Payload is calculated by subtracting curb weight from GVWR. So, if you increase the curb weight by adding components (such as a larger engine or an automatic transmission), the payload rating will decrease.

Pretensioner and Force Limiter, Seatbelt

New seatbelt pretensioners and force limiters are standard on the two front seats on all RAV4s. Pretensioners cinch the belt in the event of a collision. The force limiter helps reduce the force that is applied to the occupant's chest area.

Privacy Glass

A deeply tinted rear and side window glass that helps keep the sun's rays out of the passenger cabin and provides an added measure of occupant privacy.

Rack-and-Pinion Steering

Consists of a round pinion gear attached to the steering shaft, and a flat bar with gear teeth cut into it, called the rack. The rack and pinion mesh at a point between the front wheels. As the steering wheel is turned, the shaft from the steering column turns the pinion gear, forcing the rack either right or left along a horizontal plane. The rack is linked to the wheels via tie rods, which push and pull the wheels to steer them. In general, rack-and-pinion steering is precise and responsive.

Safety Glass (Laminated)

Used in RAV4 windshields, it consists of two glass panes bonded together with a sheet of plastic sandwiched in between. This keeps the glass together during an impact, reducing injuries from sharp edges.

Safety Glass (Tempered)

This heat-treated glass used in side and rear windows breaks into small blunt pieces when broken.

Safing Sensor

A sensor in a vehicle's air bag system designed to prevent inadvertent deployment.

Stabilizer Bar

Sometimes called an anti-roll or sway bar, this is a bar or tube that links one side of the suspension to the other. The stabilizer bar acts as a torsion spring to resist twisting and reduce body roll during hard cornering. RAV4 has a front stabilizer bar that is connected at the ball joints to help enhance handling.

Trailing Arm

A suspension component consisting of a longitudinal member that pivots from the body at its forward end and has a wheel hub attached at the other end (the trailing end). It is similar to a semi-trailing arm system except that its pivot axis is directly perpendicular to the car's longitudinal axis.

Torque

A force in a twisting motion. In an engine, torque is the twisting motion at the crankshaft measured in foot-pounds (lb-ft). One foot-pound is the force of one pound acting at right angles at the end of an arm one-foot long. Simply stated, torque is the engine power that gets a vehicle to speed—felt especially at off-line take-off and during acceleration. Torque is important in getting heavy loads moving.

Towing Capacity

The maximum weight a vehicle can pull. Towing the maximum weight may require a particular transmission, trailer hitch, or other equipment.

Toyota Vehicle Intrusion Protection (V.I.P.)

This is an optional break-in alarm that flashes the headlamps and taillamps and sounds the horn when a secured RAV4 is broken into. It also disables the starter if someone forcefully enters the car. The system is automatically armed by removing the ignition key from the ignition.

Unibody Construction

The floorpan of a vehicle and chassis are connected to form a single structure. In contrast to body on frame construction, there is no separate frame. By welding all body panels together to form the vehicle's frame, it is possible to build in strength and rigidity with less weight.

Ventilated Disc Brakes

Vents in the brake rotor allow cooling air to pass through the hot disc. This helps reduce heat build-up and lessens the chance of the brake fading, glazing or warping.

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Any EPA fuel economy figures included in this publication are estimates to be compared with "estimated mpg" of other vehicles. Drivers may get different mileage depending on the speed they drive, weather conditions, trip length, condition of the vehicle and vehicle equipment. Mileage in actual driving will probably be less than EPA estimated fuel economy for highway driving.

Retail Development
M/N 00623-98001-N

Interior Trim

1998

RAV4

EXTERIOR	CODE	INTERIOR	CODE	2DR CLOTH	4DR CLOTH*
Natural White	(056)	Gray	(11).....■.....		
		Gray	(11).....■.....		
Alpine Silver Metallic	(199)	Gray	(11).....■.....		
		Gray	(11).....■.....		
Black	(202)	Gray	(11).....■.....		
		Gray	(11).....■.....		
Prussian Red Pearl	(3J8)	Gray	(11).....■.....		
Radiant Red*	(3L5)	Gray	(11).....■.....		
Sedona Sunset Metallic*	(4J6)	Gray	(11).....■.....		
		Gray	(11).....■.....		
Deep Jewel Green Pearl*	(6P3)	Gray	(11).....■.....		
		Gray	(11).....■.....		
Royal Sapphire Pearl*	(8L5)	Gray	(11).....■.....		
		Gray	(11).....■.....		

Notes:

*New for 1998

2DR



Cloth Gray (11)

4DR



Cloth Gray (11)

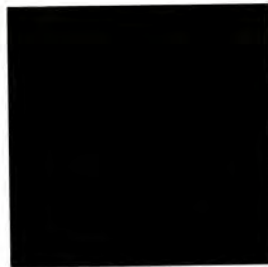
Exterior Color

RAV4

Natural White (056)



Alpine Silver Metallic (199)



Black (202)



Prussian Red Pearl (3J8)



Radiant Red* (3L5)



Sedona Sunset Metallic* (4J6)



Deep Jewel Green Pearl* (6P3)



Royal Sapphire Pearl* (8L5)

Notes:

*New for 1998

