

Thatcham 1st Sight

Toyota RAV4



Summary

4th generation of this globally popular SUV that has achieved 4.5 million sales, built at Tahara, Japan.

Structure includes a mix of High Strength Steels to form an occupant cell with multiple energy-absorbing load paths. The new RAV4 is longer (by 205mm), wider (by 30mm), but lower than the predecessor model. Increased use of higher grade High Strength Steels has allowed for thinner A-posts for improved driver visibility. The tailgate is now top-hinged to open upwards and now has an integrated roof spoiler.



MANUFACTURERS:

ALFA ROMEO
AUDI
BENTLEY
BMW
CADILLAC
CHEVROLET
CHRYSLER/JEEP
CITROEN
DACIA
FIAT
FORD
GEELY
GREAT WALL
HONDA
HYUNDAI
INFINITI
ISUZU
JAGUAR
KIA
LAND ROVER
LEXUS
LOTUS
MAZDA
MERCEDES BENZ
SAIC MG
MINI
MITSUBISHI
NISSAN
PEUGEOT
PORSCHE
PROTON
RENAULT
ROLLS ROYCE
SEAT
SKODA
SSANGYONG
SUBARU
SUZUKI
TATA
TOYOTA
VAUXHALL
VW
VOLVO
OTHERS

OTHER CAT.:

REPAIR
SAFETY
GENERAL



Technology :

To complement the body structure the RAV4 features 7 SRS airbags including a driver's knee airbag and twin-chamber side airbags. This 4th generation includes a new seat design to reduce whiplash injury.

All models feature VSC+ (vehicle stability control) that utilises the electric power-assisted steering, in combination with individual brake control, to provide better stability and control when cornering.

Also included is emergency Brake Assist (BA) that provides additional brake force when the system detects an emergency stop.

Dynamic Torque Control monitors traction and grip and will transfer torque as required. In 'Normal' mode drive is through the front wheels with torque only transferred to the rear when understeer is detected.

Torque can be distributed 50:50 should understeer continue to develop. In 'Sport' mode torque is transferred to the rear (90:10) when there is steering input, to reduce the load on the front wheels and tyres. Electric steering assistance is also reduced in 'Sport' mode.

The RAV4 is available with a Blind Spot monitoring system as an option. This uses radar sensors on each side of the rear of the vehicle to detect vehicles travelling in a blind spot alongside.

There is a windscreen mounted camera that detects the vehicle drifting out of lane, alerting the driver by a buzzer and a flashing display icon. This is Lane Departure Alert; a warning-only system.



Trim levels : Active, Icon, and Invincible

Active: Features include 17" 5-spoke alloy wheels, front fog lamps and heated door mirrors. Interior features manual air conditioning and electric front and rear windows.

Icon: additional features include cruise control, power operated tailgate, rear view camera system (with optional park sensors) and climate control. 17" alloy wheels are standard on 2WD models, with 18" alloy wheels for 4WD versions. Auto lights and wipers are a standard feature too. The interior features leather inserts to the door panels, and leather trimmed gear shift and steering wheel.

Invincible: recognisable by standard fit roof rails and leather interior as well as standard fit rear parking sensors. Interior convenience features











Options :

A sunroof is available for the Icon and Invincible grades.

Side steps and various other exterior styling options are available too.

Paint colours :

There are 9 body colours available for European specification RAV4's, with two new colours: Highland Green and Titan Blue.

	Decuma Grey		Eclipse Black
	Highland Green		Pure White
	Tyrol Silver		Light Cappuccino
	Titan Blue		Pearl White
	Vermillion Red		Decuma Grey

Engine line up :

2.0 diesel: 1998cc 124bhp 310Nm, CO2 of 127g/km, available in 2WD only, with a manual transmission.

2.0 petrol: 1897cc 151bhp 195Nm, CO2 of 167g/km, available with 4WD and automatic transmission only.

2.2 diesel: 2231cc 150bhp 340Nm, CO2 of 149g/km, available in 4WD only, with manual or automatic transmission.



Thatcham ACTIONS...

Thatcham will commence a research project on this vehicle.