

## RAV4 TECHNICAL SPECIFICATIONS

<b>2.5-litre HYBRID ENGINE</b>			
Engine code	A25A-FXS		
Engine type	4 cylinders in-line		
Valve mechanism	16-valve DOHC, VVT-i (intake) and VVT-i (exhaust)		
Fuel injection	D4S		
Displacement (cc)	2,487		
Bore x stroke (mm)	87.5 x 103.48		
Compression ratio	14.0:1		
<b>Total system output (bhp/kW)</b>	<b>215/160 FWD 219/163 AWD-i</b>		
Max. engine power (bhp/kW @ rpm)	176/131 @ 5,700		
Max. engine torque (Nm @ rpm)	221 @ 3,600 – 5,200		
Emissions certification	Euro 6d		
<b>HYBRID SYSTEM</b>			
<b>Electric motor (front)</b>			
Type	AC permanent magnet, synchronous motor		
Max. power (kW)	88		
Max. torque (Nm)	202		
<b>Electric motor (rear)</b>			
Type	AC permanent magnet, synchronous motor		
Max. power (kW)	40		
Max. torque (Nm)	121		
<b>Hybrid battery</b>			
Type	Nickel-metal hydride		
Nominal voltage	244.8		
Number of modules	34		
System voltage	650		
<b>TRANSMISSION</b>			
Type	CVT		
Final drive ratio	3.605:1		
<b>PERFORMANCE</b>		<b>FWD</b>	<b>AWD-i</b>
Max. speed (mph)	112		
0-62mph (sec)	8.4	8.1	
<b>FUEL CONSUMPTION, EMISSIONS &amp; INSURANCE</b>		<b>FWD</b>	<b>AWD-i</b>
Combined fuel consumption – WLTP data (mpg)	Icon	48.8-50.4	n/a
	Design	48.8-49.6	47.9-48.7
	Excel	47.9-48.7	47.9-47.9
	Dynamic	47.9-48.7	47.9-47.9
Fuel tank capacity (l)	55		
CO <sub>2</sub> emissions – combined, WLTP data (g/km)	Icon	126-131	n/a
	Design	129-131	131-134
	Excel	131-133	133-136
	Dynamic	131-133	133-136
Insurance groups	25E-30A		
New vehicle warranty	5 years/100,000 miles		

<b>SUSPENSION</b>		
Front		MacPherson strut
Rear		Double wishbone
Anti-roll bar diameter (mm)	Front	25.4
	Rear	23.2
<b>BRAKES</b>		
Front (diameter, mm)		Ventilated discs, 328
Rear (diameter, mm)		Solid discs, 317
<b>STEERING</b>		
Type		Rack and pinion, electric power steering
Ratio		14.3:1
Turns lock to lock		2.76
Min. turning radius – tyre/body (m)		5.5/5.9
<b>TYRES AND WHEELS</b>		
Wheel size		17, 18 or 19-inch
Tyre size		225/65R17 225/60R18 235/55R19
<b>WEIGHTS</b>		
	FWD	AWD-i
Kerb weight (min/max kg)	1,590 – 1,680	1,650 – 1,730
Towing capacity - unbraked (kg)	750	
Towing capacity - braked (kg)	800	1,650
Gross Vehicle Weight (kg)	2,135	2,225
<b>DIMENSIONS – EXTERIOR</b>		
Overall length (mm)	4,600	
Overall width (mm)	1,855	
Overall height (mm)	1,685	
Wheelbase (mm)	2,690	
Front track (mm)	1,610	
Rear track (mm)	1,640	
Front overhang (mm)	910	
Rear overhang (mm)	1,000	
Ground clearance (mm)	195	
Angle of approach (deg)	17.5	
Angle of departure (deg)	20	
Coefficient of drag (Cd)	0.32	
<b>DIMENSIONS – INTERIOR</b>		
Interior length (mm)	1,890	
Interior width (mm)	1,515	
Interior height (mm)	1,230	
<b>DIMENSIONS – LUGGAGE COMPARTMENT</b>		
Capacity – rear seats in place (l)	580	
Capacity – rear seats folded, up to tonneau cover (l)	1,189	
Capacity – rear seats folded, up to roof (l)	1,690	
Load area height (mm)	1,015	

**ENDS**

Ref:210126M