

RAV4 TECHNICAL SPECIFICATIONS

2.5-litre HYBRID ENGINE			
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		
Total system output (bhp/kW)	215/160 FWD 219/163 AWD-i		
Max. engine power (bhp/kW @ rpm)	176/131 @ 5,700		
Max. engine torque (Nm @ rpm)	221 @ 3,600 – 5,200		
Emissions certification	Euro 6d		
HYBRID SYSTEM			
Electric motor (front)			
Type	AC permanent magnet, synchronous motor		
Max. power (kW)	88		
Max. torque (Nm)	202		
Electric motor (rear)			
Type	AC permanent magnet, synchronous motor		
Max. power (kW)	40		
Max. torque (Nm)	121		
Hybrid battery			
Type	Nickel-metal hydride		
Nominal voltage	244.8		
Number of modules	34		
System voltage	650		
TRANSMISSION			
Type	CVT		
Final drive ratio	3.605:1		
PERFORMANCE		FWD	AWD-i
Max. speed (mph)	112		
0-62mph (sec)	8.4	8.1	
FUEL CONSUMPTION, EMISSIONS & INSURANCE		FWD	AWD-i
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 ₂ 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		

SUSPENSION			
Front		MacPherson strut	
Rear		Double wishbone	
Anti-roll bar diameter (mm)	Front	25.4	
	Rear	23.2	
BRAKES			
Front (diameter, mm)		Ventilated discs, 328	
Rear (diameter, mm)		Solid discs, 317	
STEERING			
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	
TYRES AND WHEELS			
Wheel size		17, 18 or 19-inch	
Tyre size		225/65R17 225/60R18 235/55R19	
WEIGHTS		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
DIMENSIONS – EXTERIOR			
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	
DIMENSIONS – INTERIOR			
Interior length (mm)		1,890	
Interior width (mm)		1,515	
Interior height (mm)		1,230	
DIMENSIONS – LUGGAGE COMPARTMENT			
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	