

## RAV4 TECHNICAL SPECIFICATIONS

| <b>2.5-litre HYBRID DYNAMIC FORCE 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</b><br><b>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)                       | 49.22 – 51.21                                     |            | TBC          |
| Fuel tank capacity (l)  | 55  |            |              |
| CO <sub>2</sub> emissions – combined, NEDC correlated data (g/km) | 102 – 17in wheel<br>105 – 18in wheel              | 103        |              |
| Insurance groups  | TBC   |            |              |
| <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, 32.8                   |               |
| Rear (diameter, mm)                                   | Solid discs, 31.7                        |               |
| <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 or 18-inch                            |               |
| Tyre size   | 225/65R17<br>225/60R18                   |               |
| <b>WEIGHTS</b>  |  |               |
|   | <b>FWD</b>                               | <b>AWD-i</b>  |
| 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                                    |               |