



TOYOTA RAV4 HEV and PHEV Specifications

POWERTRAIN	HYBRID FWD	HYBRID AWD	PLUG-IN HYBRID FWD	PLUG-IN HYBRID AWD
TYPE	2.5-LITRE, Chain Drive (with VVT-iE and VVT-i), 4-CYLINDER, IN-LINE			
VALVE MECHANISM	16-VALVE DOHC			
FUEL SYSTEM	FUEL INJECTION			
DISPLACEMENT (CM³)	2,487			
BORE X STROKE (MM)	87.50 x 103.48			
COMPRESSION RATIO (:1)	14.0			
SYSTEM MAXIMUM OUTPUT (DIN HP / KW @ RPM)	143 / 105 @ 4,800	143 / 105 @ 4,800	143 / 105 @ 4,800	143 / 105 @ 4,800
TORQUE (NM @ RPM) THERMIC ENGINE ONLY	221 @ 3,200-3,600		227 @ 3,200-3,300	
HYBRID BATTERY	LITHIUM ION			
BATTERY CAPACITY (kWh)	1.09		22.7	
FRONT MOTOR TYPE	PERMANENT MAGNET SYNCHRONOUS MOTOR			
MAX OUTPUT (DIN HP / KW)	136/100		206/151.4	
TOTAL SYSTEM MAX POWER (DIN HP / KW)	185 / 136	194/143	272 / 200	309/227
TRANSMISSION TYPE	CVT (with shift-by-wire system)			

PERFORMANCE	HYBRID FWD	HYBRID AWD	PLUG-IN HYBRID FWD	PLUG-IN HYBRID AWD
MAX. SPEED (KM/H)	180			
ACC. 0-100 KM/H (SEC)	8.0	7.7	7.5	5.8

ENERGY CONSUMPTION (WLTP COMBINED CYCLE)	HYBRID FWD	HYBRID AWD	PLUG-IN HYBRID FWD	PLUG-IN HYBRID AWD
FUEL CONSUMPTION (L/100KM)	4.9 -5.2	5.3-5.8	1.3 – 1.8 UF Weighted	1.3 – 1.6 UF Weighted
CO2 / KM	112-118	121-130	30 – 40 UF Weighted	30 – 37 UF Weighted
EURO CLASS	EURO 6 AP			
EV RANGE (KM)	n.a.		125- 137	119-133
FUEL TANK CAPACITY (L)	55			

CHASSIS	HYBRID FWD	HYBRID AWD	PLUG-IN HYBRID FWD	PLUG-IN HYBRID AWD
FRONT SUSPENSION	MACPHERSON STRUT			
REAR SUSPENSION	TRAILING WISHBONE			
STEERING	RACK&PINION			
LOCK TO LOCK	2.65			
MIN. TURNING CIRCLE TYRE / BODY (M)	5.63, 5.68	5.69	5.63, 5.68	5.69

BRAKES	HYBRID FWD	HYBRID AWD	PLUG-IN HYBRID FWD	PLUG-IN HYBRID AWD
FRONT	16"- 17" DISC VENTILATED DISC BRAKE WITH FLOATING CALIPER 2-CYLINDER		17" DISC VENTILATED DISC BRAKE WITH FLOATING CALIPER 2-CYLINDER	
REAR	16"- 17" DISC VENTILATED DISC BRAKE WITH FLOATING CALIPER 1-CYLINDER		17" DISC VENTILATED DISC BRAKE WITH FLOATING CALIPER 1-CYLINDER	

EXTERIOR DIMENSIONS (MM)	HYBRID FWD	HYBRID AWD	PLUG-IN HYBRID FWD	PLUG-IN HYBRID AWD
OVERALL LENGTH	4600	4645	4600	4645
OVERALL WIDTH	1855	1855 GR SPORT: 1880	1855	1855 GR SPORT: 1880
OVERALL HEIGHT	1695	1695 GR SPORT: 1680	1700	1700 GR SPORT: 1685
TREAD FRONT	1600	1600 GR SPORT: 1620	1595, 1600	1595, 1600 GR SPORT: 1620
TREAD REAR	1625, 1630	1625, 1630 GR SPORT: 1650	1625, 1630	1625, 1630 GR SPORT: 1645
WHEELBASE	2690			
FRONT OVERHANG (MM)	920	920 GR SPORT: 955	920	920 GR SPORT: 955
REAR OVERHANG (MM)	990	990 GR SPORT: 1000	990	990 GR SPORT: 1000
GROUND CLEARANCE (MM)	186, 201	186, 201 GR SPORT: 186	187, 201	187, 201 GR SPORT: 187

INTERIOR DIMENSIONS (MM)	HYBRID FWD	HYBRID AWD	PLUG-IN HYBRID FWD	PLUG-IN HYBRID AWD
LENGTH	1877			
WIDTH	1523			
HEIGHT	1218, 1209*	1218, 1209*, 1190**	1221, 1210*	1221, 1210*, 1190**
CARGO CAPACITY (L VDA)	514 / 749 (up to the roof)		446 / 672 (up to the roof)	

* with sunroof/moonroof - ** GR SPORT with sunroof/moonroof

WEIGHT	HYBRID FWD	HYBRID AWD	PLUG-IN HYBRID FWD	PLUG-IN HYBRID AWD
CURB WEIGHT MIN	1625 - 1705	1675 - 1710	1895 - 1920	1960 - 1980
MAX	1665 - 1735	1730 - 1785	1930 - 2000	1990 - 2060
GROSS WEIGHT	2170	2230	2530	2570
TOWING CAPACITY BRAKED	AWD 2000 FWD 800			
UNBRAKED	750			