

TOYOTA HIGHLANDER TECHNICAL SPECIFICATIONS

2.5-litre HYBRID ENGINE		
Engine code	A25A-FXS	
Engine type	4 cylinders in-line	
Valve mechanism	16-valve DOHC, VVT-iE (intake) and VVT-i (exhaust)	
Fuel injection	D-4S direct and indirect	
Displacement (cc)	2,487	
Bore x stroke (mm)	87.5 x 103.48	
Compression ratio	14.0:1	
Total system output (bhp/DIN hp/kW)	244/248/182	
Max. engine power (bhp/DIN hp/kW @ rpm)	188/190/140 @ 6,000	
Max. engine torque (Nm @ rpm)	239 @ 4,300 – 4,500	
Emissions certification	Euro 6d RDE2	
HYBRID SYSTEM		
Electric motor (front)		
Type	AC permanent magnet, synchronous motor	
Max. power (kW)	134	
Max. torque (Nm)	270	
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	288	
System voltage	650	
TRANSMISSION		
Type	CVT, planetary gear system	
Differential gear ratio	3.605:1	
PERFORMANCE		
Max. speed (mph)	111	
0-62mph (sec)	8.3	
FUEL CONSUMPTION, EMISSIONS & INSURANCE		
Combined fuel consumption – WLTP data (mpg)	Excel	39.2-39.7
	Excel Premium	39.2-39.7
Fuel tank capacity (l)	65	
CO ₂ emissions – combined, WLTP data (g/km)	Excel	160-163
	Excel Premium	160-163
Insurance groups	41D	
New vehicle warranty	5 years/100,000 miles	

SUSPENSION	
Front	MacPherson strut
Rear	Trailing arm, double wishbone
BRAKES	
Front (diameter, mm)	Ventilated discs, 457
Rear (diameter, mm)	Ventilated discs, 457
STEERING	
Type	Rack and pinion, electric power steering
Turns lock to lock	2.82
Min. turning radius – tyre/body (m)	5.7/6.2
TYRES AND WHEELS	
Wheel size	20-inch
Tyre size	235/55R20 102V
WEIGHTS	
Kerb weight (min/max kg)	2,050-2,105
Towing capacity - unbraked (kg)	700
Towing capacity - braked (kg)	2,000
Gross Vehicle Weight (kg)	2,720
DIMENSIONS – EXTERIOR	
Overall length (mm)	4,966
Overall width (mm)	1,930
Overall height (mm)	1,755
Wheelbase (mm)	2,850
Front track (mm)	1,662
Rear track (mm)	1,690
Front overhang (mm)	988
Rear overhang (mm)	1,128
Ground clearance (mm)	202
Angle of approach (deg)	18.1
Angle of departure (deg)	22.7
Break-over angle (deg)	16.7
Wading depth (mm)	400
DIMENSIONS – INTERIOR	
Interior length (mm)	2,548
Interior width – front/row 2/row 3 (mm)	1,499/1,484/1,398
Interior height (mm)	1,212
DIMENSIONS – LUGGAGE COMPARTMENT	
Load space length (mm)	520
Load space width (mm)	1,138
Load space height – to roof (mm)	800
Load space height – to upper rear seat (mm)	458
Capacity to tonneau cover – 7 seats in place, inc. underfloor box (l)	268
Capacity to tonneau cover – 5 seats in place, row 2 at rearmost slide position, inc. underfloor box (l)	579
Capacity to tonneau cover – 5 seats in place, row 2 in mid-position, inc. underfloor box (l)	658
Capacity to tonneau cover – 2 seats in place, inc. underfloor box (l)	1,177

Capacity to roof – 7 seats in place, inc. underfloor box (I)	332
Capacity to roof – 5 seats in place, inc. underfloor box (I)	865
Capacity to roof – 2 seats in place, inc. underfloor box (I)	1,909