

TOYOTA YARIS TECHNICAL SPECIFICATIONS

1.0-litre VVT-i petrol					
Code		1KR-FE			
Type		In-line 3-cylinder			
Valve mechanism		DOHC 12-valve with VVT-i			
Bore x stroke (mm)		71.0 x 84.0			
Displacement (cc)		998			
Compression ratio		11.5:1			
Max power (bhp/kW @ rpm)		68/51 @ 6,000			
Max torque (Nm @ rpm)		95 @ 4,300			
1.5-litre Dual VVT-iE petrol					
Code		2NR-FKE			
Type		In-line 4-cylinder			
Valve mechanism		16-valve DOHC with Dual VVT-iE			
Bore x stroke (mm)		72.5 x 90.6			
Displacement (cc)		1,496			
Compression ratio		13.5:1			
Max power (bhp/kW @ rpm)		110bhp/82kW @ 6,000			
Max torque (Nm @ rpm)		136 @ 4,400			
1.5-litre VVT-i Hybrid					
Code		1NZ-FXE			
Type		In-line 4-cylinder			
Valve mechanism		16-valve DOHC with VVT-i			
Bore x stroke (mm)		75 x 84.7			
Displacement (cc)		1,497			
Compression ratio		13.4:1			
Max power – full system (bhp/kW)		98/74			
Max engine power (bhp/kW @ rpm)		73/55 @ 4,800			
Max engine torque (Nm @ rpm)		111 @ 3,600 – 4,400			
Electric motor type		Permanent magnet, synchronous			
Max. output (bhp/kW)		59/45			
Max. torque (Nm)		169			
Battery type		Nickel-metal hydride			
TRANSMISSION		1.0 VVT-i	1.5-litre Dual VVT-iE		1.5 VVT-i Hybrid
		5MT	6MT	MDS	e-CVT
Gear ratios	1 st	3.545	3.538	-	-
	2 nd	1.913	1.913	-	-
	3 rd	1.310	1.392	-	-
	4 th	1.027	1.029	-	-
	5 th	0.850	0.818	-	-
	6 th	-	0.700	-	-
	Forward	-	-	2.480 – 0.396	-
	Reverse	3.214	3.333	2.604 – 1.680	-

Differential gear ratio		4.294	4.055	5.356	3.190
PERFORMANCE	1.0 VVT-i 5MT	1.5-litre Dual VVT-iE 6MT	1.5-litre Dual VVT-iE MDS	1.5 VVT-i Hybrid e-CVT	
0-62mph (sec)	15.3	11.0	11.2	11.8	
Maximum speed (mph)	96	109	109	103	
FUEL CONSUMPTION, EMISSIONS &, INSURANCE	1.0 VVT-i 5MT	1.5-litre Dual VVT-iE 6MT	1.5-litre Dual VVT-iE MDS	1.5 VVT-i Hybrid e-CVT	
Combined (mpg, 15/16in wheel)	65.7	58.9/56.5	60.1/58.9	85.6/78.5	
Urban (mpg, 15/16in wheel)	54.3	45.6/44.9	47.9/47.0	91.1/85.6	
Extra Urban (mpg, 15/16in wheel)	74.3	70.6/67.3	70.6/68.9	85.6/78.5	
CO ₂ emissions 15in/16in wheel (g/km)	99	109/112	105/108	75/82	
Insurance groups	2E – 3E	9E – 10E	9E – 10E	8E	
Service schedule	10,000 miles/annually				
DIMENSIONS					
Overall length (mm)	3,945				
Overall width (mm)	1,695				
Overall height (mm)	1,510				
Wheelbase (mm)	2,510				
Track width – front (mm, 15in wheel/16in wheel)	1,485/1,465				
Track width – rear (mm)	1,470/1,455				
Overhang – front (mm)	810				
Overhang – rear (mm)	625				
Interior length (mm)	1,915				
Interior width (mm)	1,420				
Interior height (mm)	1,250				
VDA luggage capacity – rear seat up (l)	286				
Coefficient of drag (Cd)	0.29				
Fuel tank capacity (l)	42 36 (Hybrid)				
WEIGHTS	1.0 VVT-i	1.5 Dual VVT-iE		1.5 VVT-i Hybrid	
Kerb weight (kg)	980 – 1,040	1,040 – 1,125		1,090 – 1,165	
Gross vehicle weight (kg)	1,450	1,545		1,565	
SUSPENSION					
Front	MacPherson struts with anti-roll bar				
Rear	Torsion beam				
BRAKES	1.0 VVT-i	1.5 Dual VVT-iE		1.5 VVT-i Hybrid	
Front (mm)	258 ventilated discs	280 ventilated discs			

Rear (mm)	Drums/278 solid discs (Design & Hybrids)	278 solid discs
WHEELS & TYRES		
Wheel size	15in steel or alloy	16in alloy
Tyre size	175/65R15	195/50R16
STEERING		
Type	Rack and pinion, electric motor power assisted	
Ratio	12.8:1	
Turns – lock to lock (15in/16in wheels)	2.28/2.66	
Minimum turning circle – tyre/body (m)	9.6/10.0 (15in wheels) 10.2/11.0 (16in wheels)	

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