

## TOYOTA GT86 TECHNICAL SPECIFICATIONS

<b>ENGINE</b>			
Engine code		FA20	
Number of cylinders		4	
Type		Horizontally opposed (boxer), normally aspirated	
Fuel type		Petrol	
Fuel system		D-4S injection	
Valve mechanism		16-valve DOHC	
Displacement (cc)		1,998	
Bore x stroke (mm)		86 x 86	
Compression ratio		12.5:1	
Max. power (bhp/kW @ rpm)		197/147 @ 7,000	
Max. torque (Nm @ rpm)		205 @ 6,400 – 6,600	
<b>TRANSMISSION</b>			
Type		6MT	6AT
Gear ratios	1 <sup>st</sup>	3.626	3.538
	2 <sup>nd</sup>	2.188	2.060
	3 <sup>rd</sup>	1.541	1.404
	4 <sup>th</sup>	1.213	1.000
	5 <sup>th</sup>	1.000	0.713
	6 <sup>th</sup>	0.760	0.582
	Reverse	3.437	3.168
<b>BRAKES</b>			
Type		Ventilated discs	
Diameter – front (mm)		294	
Diameter – rear (mm)		290	
Additional features		ABS, EBD, brake assist, VSC+, traction control	
<b>SUSPENSION</b>			
Front		MacPherson strut	
Rear		Double wishbone	
<b>STEERING</b>			
Type		Electric power steering, rack and pinion	
Steering gear ratio		13.1:1	
Min. turning radius – tyre (m)		5.4	
<b>PERFORMANCE</b>			
Max. speed (mph)		140 (manual) 130 (automatic)	
0-62mph acceleration (sec)		7.7 (manual) 8.4 (automatic)	
<b>FUEL CONSUMPTION</b>		<b>Manual</b>	<b>Automatic</b>
Combined (mpg)		36.2	39.8
Urban (mpg)		27.2	29.4
Extra urban (mpg)		44.1	49.6
<b>CO<sub>2</sub> EMISSIONS &amp; INSURANCE</b>		<b>Manual</b>	<b>Automatic</b>
Combined (g/km)		180	164

Insurance groups	34A
<b>EXTERIOR DIMENSIONS</b>	
Overall length (mm)	4,240
Overall width (mm)	1,775
Overall height (mm)	1,320
Wheelbase (mm)	2,570
Track – front (mm)	1,520
Track – rear (mm)	1,540
Front overhang (mm)	845
Rear overhang (mm)	825
Drag coefficient (Cd)	0.27
<b>INTERIOR DIMENSIONS</b>	
Interior length (mm)	1,615
Interior width (mm)	1,490
Interior height (mm)	1,060
Luggage capacity (l)	391
<b>WHEELS &amp; TYRES</b>	
Wheel size/tyre size	17in alloy/215/45R17
<b>WEIGHT</b>	
Kerb weight (kg)	1,239 – 1,273

Ref: 180122M