

## TOYOTA AURIS TECHNICAL SPECIFICATIONS

<b>1.2 Turbo</b>		
Engine Code	8NR-FTS	
Type	Four cylinders in-line	
Valve mechanism	16-Valve DOHC, chain drive with VVT-iW (intake) and VVT-i (exhaust)	
Displacement (cc)	1,197	
Bore x stroke (mm)	71.5 x 74.5	
Compression ratio	10:1	
Max power (bhp/kW @ rpm)	114/85 @ 5,200 – 5,600	
Max torque (Nm @ rpm)	185 @ 1,500 – 4,000	
<b>1.8 VVT-i HYBRID</b>		
Engine Code	2ZR-FXE	
Type	Four cylinders in-line	
Valve mechanism	DOHC 16-valve with VVT-i	
Displacement (cc)	1,798	
Bore x stroke (mm)	80.5 x 88.3	
Compression ratio	13.0:1	
Max power (bhp/kW @ rpm)	98/73 @ 5,200	
Max torque (Nm @ rpm)	142 @ 4,000	
Total system max. output (petrol engine and electric motor, bhp/kW)	134/100	
<b>Electric motor</b>		
Motor type	Permanent magnet, synchronous	
Max. voltage (v)	650	
Max. power (bhp/kW)	80/60	
Max. torque (nm)	207	
<b>High-voltage battery</b>		
Battery type	Nickel-metal hydride	
Nominal voltage (v)	201.6 (168 x 1.2v cells)	
No. of battery modules	28	
Battery capacity (kW/h)	1.31	
<b>TRANSMISSIONS</b>	<b>1.2 Turbo</b>	<b>1.8 VVT-i Hybrid</b>

Type		6MT	MDS	E-CVT
Gear ratios	1 <sup>st</sup>	3.727	-	-
	2 <sup>nd</sup>	2.045	-	-
	3 <sup>rd</sup>	1.310	-	-
	4 <sup>th</sup>	0.971	-	-
	5 <sup>th</sup>	0.764	-	-
	6 <sup>th</sup>	0.619	-	-
	Forward	-	2.480 to 0.396	2.683
	Reverse	3.333	2.604 to 1.680	2.683
Final drive ratio	Front	3.944	5.045	3.267
	Rear	3.944	5.045	3.267
<b>PERFORMANCE</b>		<b>1.2 Turbo</b>		<b>1.8 VVT-i Hybrid</b>
Transmission		6MT	MDS	E-CVT
Max Speed (mph)		124	118	112
0-62mph (sec)	Hatch	10.1	10.5	10.9
	Wagon	10.4	10.8	11.2
<b>FUEL CONSUMPTION* - HATCHBACK</b>		<b>1.2 Turbo</b>		<b>1.8 VVT-i Hybrid</b>
Transmission		6MT	MDS	E-CVT
Combined (mpg)	16in wheel	54.3	54.5	68.8
	17in wheel	51.4	53.2	65.7
Extra-urban (mpg)	16in wheel	47.9	47.9	67.3
	17in wheel	42.8	47.1	64.2
Urban (mpg)	16in wheel	58.9	58.9	72.4
	17in wheel	57.6	57.6	70.6
<b>FUEL CONSUMPTION* - WAGON</b>		<b>1.2 Turbo</b>		<b>1.8 VVT-i Hybrid</b>
Transmission		6MT	MDS	E-CVT
Combined (mpg)	16in wheel	52.3	52.3	65.7
	17in wheel	51.4	52.3	62.8
Extra-urban (mpg)	16in wheel	43.5	46.3	61.4
	17in wheel	42.8	45.6	57.6
Urban (mpg)	16in wheel	58.9	57.6	68.9
	17in wheel	57.6	57.6	65.7

<b>CO<sub>2</sub> EMISSIONS* &amp; INSURANCE</b>		<b>1.2 Turbo</b>		<b>1.8 VVT-i Hybrid</b>
Transmission		6MT	MDS	E-CVT
Combined g/km - hatchback	16in wheel	123	120	94
	17in wheel	126	120	97
Combined g/km - wagon	16in wheel	123	122	99
	17in wheel	126	123	103
Insurance groups		12E/13E		9E/10E
<b>BRAKES</b>				
Front (diameter x thickness, mm)		Ventilated discs 277 x 26, 296 x 28 for hybrid		
Rear (diameter x thickness, mm)		Solid discs 270 x 10		
<b>SUSPENSION</b>				
Front		MacPherson strut		
Rear		Double wishbone		
<b>STEERING</b>				
Steering type		Rack and pinion, electric power steering		
Ratio		14.8:1		
Turns lock-to-lock	16in wheels	2.67		
	17in wheels	2.59		
Min turning radius – tyre/body (m)	16in wheels	5.2/5.5		
	17in wheels	5.4/5.7		
<b>EXTERIOR DIMENSIONS</b>		<b>HATCHBACK</b>	<b>WAGON</b>	
Overall length (mm)		4,330	4,595	
Overall width (mm)		1,760		
Overall height (mm)		1,475	1,485	
Wheelbase (mm)		2,600		
Front track (mm)	16in wheel	1,525		
	17in wheel	1,515		
Rear track (mm)	16in wheel	1,515		
	17in wheel	1,505		
Front overhang (mm)		955		
Rear overhang (mm)		775	1,040	
<b>INTERIOR DIMENSIONS</b>		<b>HATCHBACK</b>	<b>WAGON</b>	
Interior length (mm)		1,830	1,890	
Interior width (mm)		1,485		
Interior height (mm)		1,180		

		<b>(1,150 with panoramic roof)</b>	
Cargo space (l)	Rear seats up	435	672
	Rear seats down	1,199	1,658
<b>WEIGHTS</b>		<b>1.2 Turbo</b>	
		<b>1.8 VVT-i Hybrid</b>	
Transmission		6MT	MDS
Kerb weight, hatchback (kg)		1,350	1,375
Kerb weight, wagon (kg)		1,400	1,420
Gross vehicle weight, hatchback (kg)		1,820	1,845
Gross vehicle weight, wagon(kg)		1,850	1,875
Towing capacity, (kg)	Braked	1,300	
	Unbraked	450	
<b>WHEELS AND TYRES</b>			
Wheel/tyre		16 x 6.5J alloy, 205/55R16 17 x 7J alloy, 225/45R17	

\* Fuel consumption and emissions figures are NEDC equivalents of WLTP data.

Ref: 180511M