

2003 Subaru Impreza 1.6 TS

User Manual

Bodywork

Type 4/5S EST

Doors 5

Engine information

Bore × stroke	87.90 mm × 65.80 mm 3.46 in × 2.59 in
Cylinders	F-4
Displace	1.6 litre 1597 cc (97.455 cu in)
Engine type	SOHC
Valves	4 valves per cylinder 16 valves in total
Engine construction	
Sump	Wet sumped
Compression ratio	10.00:1
Fuel system	MPFi
Maximum power	95.3 PS (94.0 bhp) (70.1 kW) @ 5200 rpm
0-50 mph	
0-60 mph	
0-100 mph	
0-100 km/h	12.80 s
80 - 120 km/h	
402 m (Quarter mile)	
Standing km	
Top speed	171 km/h (106 mph)
Fuel consumption	10.9/6.6/8.2 l/100km urban/extra-urban/combined
CO2 emissions	195.0 g/km
Power to weight ratio	71.76 bhp/ton
Specific output	
Maximum torque	143.0 Nm (105 ft·lb) (14.6 kgm) @ 3600 rpm
Bmep	1125.2 kPa (163.2 psi)
Specific torque	89.54 Nm/litre
Maximum rpm	
Code	
Main bearings	

Coolant	Water
Bore / stroke ratio	1.34
Unitary capacity	399.25 cc/cylinder
Aspiration	Normal
Compressor type	N/A
Intercooler	None
Catalytic converter	Y

Dimensions and weight

Wheelbase	2525 mm
Wheelbase	99.4 in
Length (millimeters)	4415 mm
Length (inches)	173.8 in
Width (millimeters)	1695 mm
Width (inches)	66.7 in
Height (millimeters)	1485 mm
Height (inches)	58.5 in
L:W ratio	1.75
Ground clearance (millimeters)	
Ground clearance (inches)	
Kerb weight (kilograms)	1310 kg
Kerb weight (pounds)	2888 lb
Weight distribuiton	
Fuel capacity (litres)	50 litres
Fuel capacity (UK Ga)	11 UK Gal
Fuel capacity (US Gal)	13.2 US Gal

Aerodynamics

Drag coefficient 0.340
 Frontal area
 Cx

Chassis

Engine location Front
 Engine alignment Transverse
 Drive AWD
 Steering rack & pinion
 Turns lock-to-lock

Turning circle

Tyres 185/70 R 14 88H

Wheels 5.5JJ x 14 ET 55

Brakes F/R VeDi/Dr-S-ABS

Brake ?

Braked area

Transmission 5M

Top gear ratio 0.83

Final drive ratio 4.11

General information

RAC rating 19.2

Number made

Model code

Model family

Insurance classification No information available

Tax band No information available