

Forester Specification

Europe (EC)									
	Model	Forester							
	Body type	WAGON							
	Engine	2.0 NA				2.0 B		2.0 D	
	Grade	2.0i		2.0-L		2.0XT		2.0D	
	Transmission	6MT	CVT	6MT	CVT	CVT	6MT	6MT	6MT
Drive type	AWD								
Exterior Dimension & Weight									
Overall length	mm	4995							
Overall width	mm	1795							
Overall height	mm	1735							
Wheel base	mm	2640							
Tread front	mm	1545							
Tread rear	mm	1550							
Min ground clearance (curb weight)	mm	220							
Approach Angle deg.	degrees	25							
Departure Angle deg.	degrees	26							
Break over Angle deg.	degrees	23		23		22		22	
Curb weight/Unladen mass	kg	1488	1507	1477	1502	1613	1540	1556	1570
Gross Vehicle mass kgs	kg	2015	2015	2015	2015	2110	2080	2080	2080
Interior Volume									
Cargo volume back seat up (V211)	L	505							
Cargo volume back seat folded down (V212)	L	1592							
Engine and Fuel									
Type		4-cyl., horizontally opposed (Boxer), alloy cylinder block and cylinder heads							
Displacement	cc	1995				1998			
Bore x stroke	mm	84 x 90				86 x 86			
Max. output	kw(ps)	110kw(150ps) @ 6200rpm				177kW(240ps)/5600rpm		108kW(147ps)/3600rpm	
Max. torque	Nm(kgfm)	198Nm(20.2kgfm) @ 4200rpm				350Nm(35.7kgfm)/2400-3600rpm		350Nm(35.7kgfm)/1600-2400rpm	
Intake system		Natural Aspiration				Turbo			
Compression ratio		10.5				10.6		16.0	
Fuel system		Port injection				Gasoline direct injection		Self ignition	
Emissions		Euro5				Euro6			
Min. fuel octane rating req.	RON	95RON				Diesel			
Transmission									
Clutch		Dry single plate clutch	Torque converter	Dry single plate clutch	Torque converter	Torque converter	Dry single plate clutch		
Transmission type		6 speed manual	Lineartronic (CVT)	6 speed manual	Lineartronic (CVT)	Lineartronic (CVT)	6 speed manual		
	D range (CVT)	-	3.581 ~ 0.570	-	3.581 ~ 0.570	3.505 ~ 0.544	-		
	1st	3.818	3.581	3.818	3.581	3.505 (SF:3.505)	3.454		
	2nd	1.947	2.262	1.947	2.262	2.238 (SF:2.270)	1.888		
	3rd	1.296	1.658	1.296	1.658	1.641 (SF:1.752)	1.062		
	4th	1.029	1.208	1.029	1.208	1.194 (SF:1.417)	0.785		
	5th	0.825	0.885	0.825	0.885	0.880 (SF:1.170)	0.634		
	6th	0.738	0.618	0.738	0.618	0.611 (SF:0.968)	0.557		
	7th	-	-	-	-	-(SF:0.785)	-		
	8th	-	-	-	-	-(SF:0.611)	-		
	Rev.	4.072	3.667	4.072	3.667	2.345	3.636		
Final reduction gear ratio		4.444	3.900	4.444	3.900	4.111	4.444		
High/Low ratio		5.173	6.282	5.173	6.282	6.443	6.201		
Chassis									
Suspension type	Front	MacPherson struts, lower L-arms, coil springs, stabilizer bar							
	Rear	Double wishbone, coil springs, stabilizer bar							
Steering (Steering Ratio/Turns lock to lock)		15.5/3.1							
Turning circle curb to curb	m	5.3							
Turning circle wall to wall	m	5.7							
Tyres (Steel belted radial, tubeless)		Steel belted radial, tubeless							
Tyre manufacture		YOKOHAMA	(YOKOHAMA), (BRIDGESTONE)	BRIDGESTONE	YOKOHAMA	(YOKOHAMA), (BRIDGESTONE)	BRIDGESTONE		
Tyre model		GEOLANDAR G91	(GEOLANDAR G91), (DUELER HL400)	DUELER HL400	GEOLANDAR G91	(GEOLANDAR G91), (DUELER HL400)	DUELER HL400		
Tyre size		225/60R17	(225/60R17), (225/55R18)	225/55R18	225/60R17	(225/60R17), (225/55R18)	225/55R18		
Tyres speed rating		99V	(99V), (88V)	88V	99V	(99V), (88V)	88V		
Rim size		17 X 7J	(17 X 7J), (18 X 7J)	18 X 7J	17 X 7J	(17 X 7J), (18 X 7J)	18 X 7J		
Rim offset (inset) mm	mm	48	48	48	48	48	48		
Brakes									
ABS/VDC		Vehicle Dynamics Control with all-wheel, all-speed traction control							
Brake type	Front	Ventilated Disc Brake							
	Rear	Solid Disc Brake				Ventilated Disc Brake		Solid Disc Brake	
Front ventilated disc outer diameter	mm	294				316		294	
Front brake caliper (pot size)	mm	42.8 x 2							
Rear disc outer diameter	mm	274				278		278	
Rear brake caliper (pot size)	mm	38.1 x 1				40.4 x 1		38.1 x 1	
Brake Booster Type (size mm)	mm	Vacuum servo (208+229)							
Electrical System									
Battery	V-AH	12-52 (ISS)				12-48		12-64	
Alternator	V-A	12-130				12-130		12-150	
Capacities									
Fuel tank capacity	L	60							
Battery reserve capacity	minutes	96 (ISS)				74		125	
Battery cold cranking capacity	amps	620 (ISS)				390		630	
Engine Oil capacity	L	4.8				-		5.1	
Engine coolant capacity	L	7.8	8.1	7.8	8.1	8.9	8.8		
Washer tank capacity	L	4.5							
Performance									
0-400m	secs	17.6	18.3	17.6	18.3	15.7	17.2	17.2	17.2
60-100km/h(AT:Drive MT:@4th Gear)	secs	11.7	6.3	11.7	6.3	3.7	7.1	7.1	7.2
30-50mph(AT:Drive MT:@4th Gear)	secs	-	-	-	-	-	-	-	-
80-120km/h(AT:Drive MT:@4th Gear)	secs	12.4	8.3	12.4	8.3	5.0	7.8	7.8	7.9
50-70mph(AT:Drive MT:@Top Gear)	secs	-	-	-	-	-	-	-	-
100-150km/h(AT:Drive MT:@Top Gear)	secs	39.4	16.5	39.4	16.5	8.8	17.7	17.7	17.9
Max. speed	km/h	190	192	190	192	221	190	190	190
0-100km/h	secs	10.6	11.8	10.6	11.8	7.5	10.2	10.2	10.2
	Urban	8.5	8.1	8.5/8.6	8.1/8.2	11.2	7.0	7.0/7.3	7.3
	Extra Urban	6.0	5.5	6.0/6.1	5.5/5.7	7.0	4.9	4.9/5.2	5.2
	Combined	6.9	6.5	6.9/7.0	6.5/6.6	8.5	5.7	5.7/5.9	5.9
	Urban	197	188	197/199	188/189	260	185	185/191	191
	Extra Urban	140	129	140/142	129/133	161	130	130/136	136
	Combined	160	150	160/162	150/153	197	150	150/156	156
Towing									
With brakes	kg	1800	2000	1800	2000	2000	2000	2000	2000
Without brakes	kg	750	750	750	750	750	750	750	750

SUBARU BOXER

SYMMETRICAL AWD