

2015MY Forester Diesel Specification Sheet

Europe (EC)

	Model	Forester		
	Body type	WAGON		
	Engine	2.0 D		
	Grade	2.0D	2.0D-L	2.0D-S
	Transmission	6MT	6MT	6MT
	Drive type	AWD		

Exterior Dimension & Weight

Overall length	mm	4595		
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	22	22	22
Curb weight/Unladen mass	kg	1540	1556	1570
Gross Vehicle mass kgs	kg	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	1998		
Bore x stroke	mm	86 x 86		
Max. output	kw(ps)	108kW(147ps)/3600rpm		
Max. torque	Nm(kgfm)	350Nm(35.7kgfm)/1600-2400rpm		
Intake system	Turbo			
Compression ratio	16.0			
Fuel system	Self ignition			
Emissions	Euro5			
Min. fuel octane rating req.	RON	Diesel		

Transmission

Clutch	Dry single plate clutch			
Transmission type	6 speed manual			
Gear ratio	D range (CVT)	-		
	1st	3.454		
	2nd	1.888		
	3rd	1.062		
	4th	0.785		
	5th	0.634		
	6th	0.557		
	7th	-		
	8th	-		
Final reduction gear ratio	3.636			
High/Low ratio	4.444			
	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
Tyre model	GEOLANDAR G91		(GEOLANDAR G91), (DUELER H/L400)	DUELER H/L400
Tyre size	225/60R17		(225/60R17), (225/55R18)	225/55R18
Tyres speed rating	99V		(99V), (98V)	98V
Rim size	17 X 7J		(17 X 7J), (18 X 7J)	18 X 7J
Rim offset (inset) mm	mm	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	
Front ventilated disc outer diameter	mm	294	316	
Front brake caliper (pot size)	mm	42.8 x 2		
Rear disc outer diameter	mm	274	278	
Rear brake caliper (pot size)	mm	38.1 x 1	40.4 x 1	
Brake Booster Type (size mm)	mm	Vacuum servo (208+229)		

Electrical System

Battery	V-AH	12-64
Alternator	V-A	12-150

Capacities

Fuel tank capacity	L	60
Battery reserve capacity	minutes	125
Battery cold cranking capacity	amps	630
Engine Oil capacity	L	5.9
Engine coolant capacity	L	8.8
Washer tank capacity	L	4.5

Performance

0-400m	secs	17.2	17.2	17.2
60-100km/h(AT:Drive MT:@ 4th Gear)	secs	7.1	7.1	7.2
30-50mph(AT:Drive MT:@ 4th Gear)	secs	-	-	-
80-120km/h(AT:Drive MT:@ 4th Gear)	secs	7.8	7.8	7.9
50-70mph(AT:Drive MT:@ Top Gear)	secs	-	-	-
100-150km/h(AT:Drive MT:@ Top Gear)	secs	17.7	17.7	17.9
Max. speed	km/h	190	190	190
0-100km/h	secs	10.2	10.2	10.2
Fuel consumption lit/100km (17inch/18inch)	Urban	7.0	7.0/7.3	7.3
	Extra Urban	4.9	4.9/5.2	5.2
	Combined	5.7	5.7/5.9	5.9
Co2 emission g/km (17inch/18inch)	Urban	185	185/191	191
	Extra Urban	130	130/136	136
	Combined	150	150/156	156

Towing

With brakes	kg	2000	2000	2000
Without brakes	kg	750	750	750