

Section 7 Suspension, damping, wheels

Group 77 Wheels, tyres, hubs

Wheel

	Wheel, aluminium rim	Wheel, steel rim
Dimensions	6.5Jx15x43	6Jx15x43
.....	6.5Jx16x43	6.5Jx15x43
.....	7Jx17x43	6.5Jx16x43
Lateral runout, maximum .. mm	0.4	0.8
Radial runout, maximum .. mm	0.4	0.7

Tightening torques

Wheel studs	Nm (ft. lb.)	110 (81)
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All cars with AWD and cars with viscous coupling differentials have special instructions which must be followed regarding differences in tyre wear.

The make and dimensions of the tyres must be the same on every wheel.

Otherwise the viscous coupling differential may be damaged.

Tyres

Tyre sizes	
185/65 R 15	FWD, recommended winter tyre size
195/60 R 15	FWD, standard size except for the Turbo (petrol engine)
195/65 R 15	AWD, recommended winter tyre size
205/55 R 15	FWD, 2.5 LT
205/65 R 15	XC AWD
205/50 R 16	FWD, standard size Turbo (petrol engine)
205/55 R 16	AWD, standard size. FWD, only USA/CAN, South Africa, Latin America
205/45 R 17	FWD, RF type required, LI88, not TDI
215/45 R 17	AWD, RF type required, LI91
T115/70 R 15	FWD, T-spare
T125/90 R 15	AWD, T-spare
T125/80 R 17	FWD, AWD, T-spare

S/V70

Group 77 Wheels, tyres, hubs

Tyre pressure S70/petrol engines, not turbocharged:

Tyre pressure, cold tyres kPa					
Tyre sizes	Vehicle speed km/h	1-3 people		Full load	
		Front	Rear	Front	Rear
185/65 R 15 M/S	0 - 160	220	200	230	250
195/60 R 15 205/55 R 15 205/50 R 16	High-speed driving > 160	250	250	260	280
"T-spare" T115/70 R 15	0 - 80	420	420	420	420

Tyre pressure V70/petrol engines, not turbocharged:

Tyre pressure, cold tyres kPa					
Tyre sizes	Vehicle speed km/h	1-3 people		Full load	
		Front	Rear	Front	Rear
185/65 R 15 M/S	0 - 160	220	210	240	280
195/60 R 15 205/55 R 15 205/50 R 16	High-speed driving > 160	250	250	260	310
"T-spare" T115/70 R 15	0 - 80	420	420	420	420

Tyre pressure S70/T5 and cars with engine B 5254 T

Tyre pressure, cold tyres kPa					
Tyre sizes	Vehicle speed km/h	1-3 people		Full load	
		Front	Rear	Front	Rear
185/65 R 15 M/S	0 - 160	230	210	250	250
205/55 R 15 205/50 R 16	High-speed driving > 160	280	260	290	290
"T-spare" T115/70 R 15 T125/80 R 17	0 - 80	420	420	420	420

Tyre pressure V70/T5 and cars with engine B 5254 T

Tyre pressure, cold tyres kPa					
Tyre sizes	Vehicle speed km/h	1-3 people		Full load	
		Front	Rear	Front	Rear
185/65 R 15 M+S	0 - 160	230	220	250	280
205/55 R 15 205/50 R 16	High-speed driving > 160	280	270	290	320
"T-spare" T115/70 R 15 T125/80 R 17	0 - 80	420	420	420	420

Tyre pressure S70, 17" tyres

Tyre pressure, cold tyres, 17" kPa					
Tyre sizes	Vehicle speed km/h	1-3 people		Full load	
		Front	Rear	Front	Rear
205/45 ZR 17 88 W	0 - 160	230	210	250	250
205/50 R 16 M+S	High-speed driving > 160	310	260	330	290
"T-spare" T115/70 R 15 T125/80 R 17	0 - 80	420	420	420	420

Tyre pressure V70, 17" tyres

Tyre pressure, cold tyres, 17" kPa					
Tyre sizes	Vehicle speed km/h	1-3 people		Full load	
		Front	Rear	Front	Rear
205/45 ZR 17 88 W	0 - 160	230	220	250	280
205/50 R 16 M+S	High-speed driving > 160	310	270	330	320
"T-spare" T115/70 R 15 T125/80 R 17	0 - 80	420	420	420	420

S/V70

Group 77 Wheels, tyres, hubs

Tyre pressure S70 Diesel

Tyre pressure, cold tyres kPa					
Tyre sizes	Vehicle speed km/h	1-3 people		Full load	
		Front	Rear	Front	Rear
185/65 R 15 M+S 195/60 R 15	0 - 160	250	210	280	260
	High-speed driving > 160	270	250	290	280
"T-spare" T115/70 R 15	0 - 80	420	420	420	420

Tyre pressure V70 Diesel

Tyre pressure, cold tyres kPa					
Tyre sizes	Vehicle speed km/h	1-3 people		Full load	
		Front	Rear	Front	Rear
185/65 R 15 M+S 195/60 R 15	0 - 160	250	220	280	280
	High-speed driving > 160	270	260	290	300
"T-spare" T115/70 R 15	0 - 80	420	420	420	420

Tyre pressure V70 AWD and V70 XC AWD:

Tyre pressure, cold tyres kPa					
Tyre sizes	Vehicle speed km/h	1-3 people		Full load	
		Front	Rear	Front	Rear
195/65 R 15 M+S 205/55 R 16	0 - 160	220	230	250	280
	High-speed driving > 160	260	270	280	320
215/45 R 17	0 - 160	250	250	260	280
	High-speed driving > 160	300	300	310	330
"T-spare" (T125/90 R 15) T125/80 R 17	0 - 80	420	420	420	420