



Contents

00 - Technical data	1
1 Technical data	1
1.1 Technical data	1
1.2 Running gear Caddy	1
1.3 Running gear Polo Classic, Polo Estate	1
1.4 Steering	1
1.5 Wheels, tyres	1
40 - Front suspension	2
1 Servicing front suspension	2
1.1 Servicing front suspension	2
1.2 Front axle - Overview	2
1.3 I - Assembly overview, sub-frame, anti-roll bar and wishbone	3
1.4 Checking swivel joint	9
1.5 Removing and installing swivel joint	10
1.6 Removing and installing wishbone	12
1.7 Renewing bonded rubber mounting on wishbone >09.99	16
1.8 Renewing bonded rubber mounting on wishbone 10.99 >	19
1.9 Removing and installing subframe	23
1.10 Reworking cap nut in side member	27
1.11 II - Servicing wheel bearing	29
1.12 Pressing front wheel bearing out and in with wheel bearing housing installed, 13" wheels	38
1.13 Pressing front wheel bearing out and in with wheel bearing housing installed, 14" wheels	43
1.14 III - Servicing front suspension strut, Caddy, Polo Classic, Polo Estate > 09.99	48
1.15 III - Servicing front suspension strut, Polo Classic, Polo Estate 10.99 >	52
2 Servicing drive shafts	56
2.1 Servicing drive shafts	56
2.2 Removing and installing drive shafts	56
2.3 IV - Servicing drive shaft with constant velocity joint	59
2.4 Checking outer constant velocity joint	70
2.5 Checking inner constant velocity joint	72
2.6 V - Repairing drive shaft with tripod joint	77
2.7 Dismantling and assembling triple roller joint	81
42 - Rear suspension	86
1 Servicing rear axle, Caddy	86
1.1 Servicing rear axle, Caddy	86
1.2 Removing and installing rear axle, Caddy	86
1.3 Assembly overview rear axle (Caddy)	90
1.4 Removing and installing leaf spring, Caddy	97
2 Servicing wheel bearings, Caddy >09.99	100
2.1 Servicing wheel bearings, Caddy >09.99	100
2.2 Assembly overview, servicing wheel bearings, Caddy	102
2.3 Installing seal to vehicles from vehicle identity No. 9KWR503258	108
3 Servicing wheel bearings (Caddy) 10.99 >	110
3.1 Servicing wheel bearings (Caddy) 10.99 >	110
3.2 Assembly overview, servicing wheel bearings, Caddy	110
3.3 Removing and installing wheel bearing/wheel hub unit, vehicles with brake drums	112
4 Servicing rear axle, Polo Classic, Polo Estate	117
4.1 Servicing rear axle, Polo Classic, Polo Estate	117
4.2 Removing and installing rear axle, Polo Classic, Polo Estate	117
4.3 Assembly overview, rear axle beam (Polo Classic, Polo Estate > 09.99)	120
4.4 Assembly overview, rear axle beam, Polo Classic, Polo Estate 10.00 >	124



4.5	Removing and installing bonded rubber mounting, Polo Classic, Polo Estate > 09.99	129
4.6	Removing and installing, Polo Classic, Polo Estate 10.99 >	133
4.7	Removing hydraulic rubber bonded mounting, Polo Classic, Polo Estate 10.99 >	136
4.8	Dismantling and assembling suspension strut, Polo Classic, Polo Estate	137
4.9	Dismantling and assembling suspension strut, Polo Classic, Polo Estate	139
5	Servicing wheel bearings, Polo Classic, Polo Estate >09.99	142
5.1	Servicing wheel bearings, Polo Classic, Polo Estate >09.99	142
5.2	Assembly overview, servicing wheel bearings, Polo Classic, Polo Estate	143
6	Servicing wheel bearings, Polo Classic, Polo Estate > 10.99	149
6.1	Servicing wheel bearings, Polo Classic, Polo Estate > 10.99	149
6.2	Assembly overview, servicing wheel bearings, Polo Classic, Polo Estate	149
6.3	Removing and installing wheel bearing/hub unit on vehicles with drum brakes	152
6.4	Removing and installing wheel bearing/hub unit on vehicles with disc brakes	154
44	- Wheels, Tyres, Wheel alignment	158
1	Vehicle alignment	158
1.1	Vehicle alignment	158
1.2	Test prerequisites:	159
1.3	Preparations for measurements	160
1.4	Vehicle data sticker	161
1.5	Vehicle alignment specifications > 09.99	161
1.6	Vehicle alignment specifications	162
1.7	Adjusting front wheel camber	164
1.8	Adjusting front wheel toe	165
1.9	Checking left and right-hand wheel lock	165
1.10	Calculating the direction of travel:	166
48	- Steering	167
1	Steering column, column tube, steering wheel and airbag steering wheel > 09.99	167
1.1	Steering column, column tube, steering wheel and airbag steering wheel > 09.99	167
1.2	Removing and installing column tube with steering column	172
1.3	Removing and installing airbag unit	174
1.4	Removing and installing airbag steering wheel	175
1.5	Removing and installing centring ring with slip ring	176
1.6	Removing and installing column tube for height adjustable steering wheel	177
2	Airbag, steering wheel, steering column	179
2.1	Airbag, steering wheel, steering column	179
2.2	Removing and installing driver's airbag unit	179
2.3	Removing and installing steering wheel	182
2.4	Removing and installing coil connector with slip ring	184
2.5	Removing and installing column tube with steering column	184
2.6	Assembly overview, steering column, column tube	189
2.7	Dismantling column tube and steering column	194
2.8	Assembling column tube and steering column	197
3	Servicing power assisted steering	202
3.1	Servicing power assisted steering	202
3.2	Checking vane pump delivery pressure	202
3.3	Removing and installing power assisted steering box	203
3.4	Assembly overview: power assisted steering box (TRW)	212
3.5	Servicing TRW power-assisted steering	218
3.6	Dismantling and assembling power assisted steering box (TRW)	226
3.7	Adjusting power steering box when installed	241
3.8	Adjusting power steering box (with new rack)	243
3.9	Checking left-hand track rod length and if necessary adjusting	245
4	Assembly overview: vane pump, reservoir and hydraulic pipes > 09.99	245
4.1	Assembly overview: vane pump, reservoir and hydraulic pipes > 09.99	245



4.2	Removing and installing power-assisted steering vane pump, vehicles with 1.4 ltr. engine	.248
4.3	Removing and installing ribbed belt	.250
4.4	Removing and installing power-assisted steering vane pump, vehicles with 1.6 ltr. engine upwards	.251
4.5	Installing vane pump	.255
4.6	Tensioning V-belt	.257
5	Vane pump, reservoir, hydraulic pipes 10.99 >	.259
5.1	Vane pump, reservoir, hydraulic pipes 10.99 >	.259
5.2	Removing and installing vane pump; vehicles with low-mounted vane pump	.259
5.3	Removing and installing vane pump; vehicles with high-mounted vane pump	.262
5.4	Assembly overview: Vane pump with hydraulic pipes/hoses	.266
5.5	Assembly overview for low-mounted vane pump	.274
5.6	Assembly overview for high-mounted vane pump	.276
6	Definitions	.278
6.1	Definitions	.278