

Contents

00	Technical data	1
1	Gearbox identification	1
2	Notes on continuously variable automatic gearbox "multitronic 0AN, front-wheel drive" ..	2
3	Code letters, gearbox allocation, ratios, equipment	3
4	Capacities	4
5	Notes on towing	5
6	Repair instructions	6
7	Contact corrosion!	8
8	Rules for cleanliness when working on the gearbox	9
37	Controls, housing	10
1	Electrical/electronic components and fitting locations	10
2	Servicing selector mechanism	15
2.1	Checking selector mechanism	15
2.2	Exploded view - selector lever handle, selector mechanism cover	17
2.3	Removing and installing selector lever handle	18
2.4	Removing and installing selector mechanism cover	19
2.5	Removing and installing tiptronic switch F189	19
2.6	Exploded view - selector mechanism	20
2.7	Removing and installing selector mechanism	21
2.8	Removing and installing selector lever lock solenoid N110	25
2.9	Exploded view - selector lever cable and locking cable	25
2.10	Removing and installing selector lever cable	27
2.11	Adjusting selector lever cable	33
2.12	Adjusting selector lever cable to basic setting	34
2.13	Removing and installing locking cable	36
2.14	Adjusting locking cable	39
3	Removing and installing gearbox	41
3.1	Removing gearbox on vehicles with 2.7 ltr. TDI engine	41
3.2	Installing gearbox on vehicles with 2.7 ltr. TDI engine	50
3.3	Transporting gearbox	53
3.4	Securing gearbox to assembly stand	53
3.5	Exploded view - gearbox mounting and gearbox support	55
3.6	Removing and installing gearbox support with gearbox mounting	56
4	ATF in planetary gearbox	59
4.1	Checking and correcting ATF level	59
4.2	Changing ATF or filling up after performing repairs	65
5	Servicing ATF pipes, ATF cooler and additional ATF filter	68
5.1	Exploded view - ATF pipes, ATF cooler and additional ATF filter	68
5.2	Cleaning ATF pipes and ATF cooler	70
5.3	Removing and installing ATF pipes	70
5.4	Removing and installing additional ATF filter	73
6	Servicing ATF breather pipe	75
6.1	Removing and installing ATF breather pipe	75
7	Servicing selector shaft	76
7.1	Renewing oil seal for selector shaft	76
38	Gears, control	77
1	Dismantling and assembling gearbox	77
1.1	Removing and installing end cover	77
1.2	Removing and installing automatic gearbox control unit J217	82



1.3	Cleaning selector shaft	82
1.4	Removing and installing hydraulic control unit	82
1.5	Removing and installing input shaft	83
1.6	Renewing oil seal for input shaft	83
39	- Final drive - differential	84
1	Gear oil level in front final drive	84
1.1	Checking gear oil level in front final drive	84
2	Servicing front final drive	86
2.1	Removing and installing flange shaft (left-side)	86
2.2	Removing and installing flange shaft (right-side)	88