



Tightening Torques		Nm		mkp	
		from	to	from	to
Engine					
11 11 ... Engine Block					
Main bearing cap bolts (Cleaned and lubricated)		60		6	
Struts/bracing shell		20		2	
	M 10	43		4,3	
Coolant drain plug in crankcase	M 8	22		2,2	
	M 12 x 1,5	30		3	
Main oil bore plugs	M 16 x 1,5	34		3,4	
11 12 ... Zylinderkopf mit Deckel					
Cylinder head bolts (Replaced, washed and oiled)	M10	58	1st Torque 62 5,8 20 min. setting time	6,2	
		78	2nd Torque 82 7,8 25 min. warmrunning time	8,2	
			3rd Torque angle 35° ± 5°		
Cylinder head bolts (Replaced, washed and oiled)	M12	50	1st Torque 5	0	
		80	2nd Torque 8 15 min. setting time	0	
		100	3rd Torque 10	0	
Cylinder head cover	M 6	10		1	
	M 7	15		1,5	
Timing case to cylinder head	M 7	15		1,5	
	M 8	20		2	

Tightening Torques		Nm		mkp	
		from	to	from	to
Engine					
11 13 ... Oil pan					
Oil drain plug	SW 17 M 12 x 1,5	35		3,5	
	SW 19 M 22 x 1,5	60		6	
11 14 ... Housing covers					
Timing chain cover, upper and lower	M 6	10		1	
	M 8	22		2,2	
	M 10	47		4,7	
Front/ rear end cover to engine block	M 6	10		1	
	M 8	22		2,2	
11 22 ... Flywheel					
Flywheel to crankshaft		105		10,5	
11 23 ... Vibrations Damper					
Vibration damper hub to crankshaft	M 24 x 1,5	440		44	
V-belt pulley and harmonic balancer at hub	M 8 10.9	22		2,2	
11 24 ... Connecting rods and bearings					
Rod bolts (Replaced, cleaned and lubricated)		55		5,5	
	engine M88-3	1st Initial torque 30			
		2nd Turn additional 50°			
	engine S38 B35	1st Initial torque 15			
		2nd Initial torque 30			
		3rd Turn additional 60°			

Tightening Torques		Nm		mkp	
		from	to	from	to
Engine					
11 31 ... Camshaft					
Camshaft bearing cap	M 6	10		1	
	M 7	15		1,5	
	M 8	20		2	
Toothed-belt pulley to camshaft	M 6	10		1	
Chain sprocket to camshaft flange	M 7	15		1,5	
		145		14,5	
Chain tensioner screw plug	M 22 x 1,5	40		4	
Cylinder for chain tensor plunger	M 26 x 1,5	50		5	
11 33 ... Rocker arms and bearings					
Lock screw in rocker arm	M 6	10		1	
11 41 ... Oilpump with filter screen and drike					
Screw plug for pressure-relief valve		40		4	
Oil pump to engine block	M 8	22		2,2	
Oil pump cover	M 6	10		1	
Chain sprocket to oil pump	engine M 30	10		1	
	engine M88-3 / S38	25		2,5	

Tightening Torques	Nm		mkp	
	from	to	from	to
Engine				
11 42 ... Oil filter and lines				
Disposable filter (cartridge)			hand tight (acc. to manuf. instr.)	
Full-flow filter element (cover)	M 8	22	2,2	
	M 10	33	3,3	
	M 12	33	3,3	
	Cover bolt	25	2,5	
Oil filter - drain plug	Motor M88-3 / S38	20	2	
Oil filter housing (line) to block	M 8	22	2,2	
Oil lubrication line to bearing and camshaft	M 6	10	1	
Oil line to cylinder head for camshaft lubrication	M 8 x 1	10		
	M 5	5	0,5	
Oil radiator oil lines to oil filter housing	M 8	22		
Oil lines to turbocharger	M 8	22		
Oil lines from turbocharger to engine block	Banjo bolt M16x1,5	40	4	
Oil line to turbocharger	Banjo bolt	25	2,5	
	Union nut	30	3	
11 51 ... Waterpump and drive				
Water pump to engine block	M 8	22	2,2	
	M 6	10	1	
11 52 ... Fan				
Fan clutch to water pump (union nut)	left-hand thread	40	4	
11 53 ... Thermostat and connections				
Thermostat housingse	M 6	10	1	
Bleed screw	M 8	8	0,8	

Tightening Torques		Nm		mkp	
		from	to	from	to
Engine					
11 61 ... Intake manifold					
Intake manifold to cylinder head	M 8	22		2,2	
	M 7	15		1,5	
	M 6	10		1	
11 62 ... Exhaust manifold					
Exhaust manifold to cylinder head (Apply Molykote HSC paste to exhaust nuts and bolt)	M 6	10		1	
	M 7	15		1,5	
	M 8	22		2,2	
11 66 ... Vacuum pump					
Vacuum pump to cylinder head	M 6	10		1	
11 78 Emissio-control, Labda oxygen sensor					
Lambda sensor		55		5,5	
11 81 Engine mounts					
Rubber bushing to front suspension subframe	M 8	22		2,2	
	M 10	42		4,2	
Rubber bushing to engine support bracket	M 8	22		2,2	
	M 10	42		4,2	
Engine support bracket to engine	M 8	22		2,2	
	M 10	42		4,2	

Tightening Torques	Nm		mkp	
	from	to	from	to
Engine Electrical System				
12 11 ... Distributor				
Distributor			10	1
Distributor rotor to adapter with DME			2,8	0,28
High tension distributor cap			4	0,4
12 12 ... Spark plugs				
Spark plugs (unlubricated engine M88-3 / S38	M 12 x 1,25		25	2,5
Spark plugs (unlubricated engine M30	M 14 x 1,25		30	3
12 13 ... Ignition coil				
Primary connections	Kl. 1		3	0,3
	Kl. 15		4,5	0,45
12 14 ... Electronic Switch or Control Units				
TCl control unit			2,5	0,25
Knock sensor			20	2
Speed and reference mark senders (all with DME)			7	0,7
12 31 ... Alternator with drive and mountings				
Wires to alternator	Kl. D+		7	0,7
	Kl. B+		13	1,3
Pulley			45	4,5
Pulley (poly-V-belt)			55	5,5
Rear bracket			3,5	0,35
Cylinder bolt for wiring bracker			3,5	0,35
12 41 ... Starter and Mounting Parts				
Starter			50	5
Support to starter	M5		5	0,5
Support to crankcase			47	4,7
Wires to starter	Terminal 30h (M5)		5	0,5
	Terminal 50 (M6)		6	0,6
	Terminal 30 (M8)		12	1,2

Tightening Torques	Nm		mkp	
	from	to	from	to
Engine Electrical System				
12 61 ... Oil pressure, oil temperature, oil level display				
Oil pressure switch (Lubricate threads) engine M88-3 / S38	20		2	
engine M30	40		4	
12 62 ... Coolant Temperature				
Coolant temperature sensor engine S38	13		1,3	
engine M30	20			
Temperature gage sender to cylinder head	19		1,9	
Temperature sensor - air engine S38	13		1,3	
Temperature sensor - oil engine S38	13		1,3	
12 72 ... Senders for Control unit				
Lever to pedal value sender	9		0,9	
Pedal value sender to pedal console	5		0,5	

Tightening Torques	Nm		mkp	
	from	to	from	to
Fuel system				
13 11 ... Carburetor				
Carburetor to intake manifold	10		1	
Carburetor to insulating flange	10		1	
Insulating flange to intake manifold	10		1	
Idling shutout valve	5	max.	0,5	
Flow valve	28	max.	2,8	
Throttle valve assembly to float housing	9	max.	0,9	
Throttle valve neck to intake manifold	10		1	
Throttle valve control to carburetor	3	max.	0,3	
Warm-up regulator to engine	23		2,3	
13 31 ... Fuel Pump with Drive and Pipes				
Fuel pump to engine	12		1,2	
Fuel pipe to pressure regulator	30	(with L-Jetr.)	3	
Return pipe connector to pressure regulator	27	(with L-Jetr.)	2,7	
13 62 ... Senders for Control Unit				
Temperature time switch	25		2,5	
Coolant temperature sensor	13		1,3	
Temperature switch	28		2,8	
Air temperature sensor	13		1,3	
13 64 ... Fuel Injectors				
Fuel injector to intake manifold	10		1	

Tightening Torques	Nm		mkp		
	from	to	from	to	
Fuel Supply System					
16 11 ... Fuel Tank and Mounting Parts					
Fuel tank to body	Retaining strap	8		0,8	
Drain plug on fuel tank		25		2,5	
16 12 ... Fuel supply					
Pump assembly to metal-bonded mount	with fuel injection	6,5		0,65	
Holder to fuel pump or fuel reservoir		6,5		0,65	
El. Connections on fuel pump		2		0,2	
	M4 with fuel injection	1,2		0,12	
	M5 with fuel injection	1,6		0,16	
Hose clamps	10-16 mm ø	2		0,2	
16 14 ... Fuel pump					
Fuel level sender to fuel intake (with transfer pump in tank)		2		0,2	

Tightening Torques				Nm		mkp	
				from	to	from	to
Cooling System							
17 00 ... Coolant							
Coolant hoses		32 ÷ 48 mm ø		2,5		0,25	
Bleeder screw SW 8 on thermostat housing					8		0,8
Level switch SW 30 to coolant expansion tank					3		0,3
17 11 ... Radiator and Mounting Parts							
Radiator to body	Self-tapping screw	B 6,3		9		0,9	
	Screw	M 6		10		1	
Drain plug on radiator					2,5		0,25
Temperature switch to radiator					15		1,5
Expansion tank to body					9		0,9
17 21 ... Engine Oil Cooler							
Engine oil cooler to body					14		1,4
17 22 ... Oil Cooler Pipes							
Pipes to engine oil cooler					28		2,8
Holder to oil cooler pipes					6		0,6
Coupling nuts on transmission oil cooler (on radiator) and on transmission				M 18 x 1,5	20		2
Oil pipes to transmission	Coupling bolt	M 16 x 1,5		37		3,7	
Oil pipes to transmission oil cooler	Coupling bolt	M 14 x 1,5		27		2,7	
Adapters to transmission				M 16 x 1,5	37		3,7

Tightening Torques	Nm	mkp
	from to	from to
Exhaust System		
18 00 ... Exhaust system, complete Exhaust pipe to exhaust manifold or turbocharger Spring-loaded version Tighten down nuts evenly until spring is against block then loosen 1,5 turns	10	1
Resonator clamp	15	1,5

Tightening Torques

Nm

mkp

from to

from to

Exhaust System

18 00 ... Exhaust system, complete

Exhaust pipe to exhaust manifold or turbocharger

Spring-loaded version Tighten down nuts evenly until
spring is against block then loosen 1,5 turns

Resonator clamp

M 8

15

1,5

Tightening Torques		Nm		mkp	
		from	to	from	to
Clutch					
21 11 ... Bellhousing					
Bellhousing to engine block	M 8	27		2,7	
	M 10	51		5,1	
	M 12	86		8,6	
21 21 ... Clutch and clutch disk					
Clutch to flywheel					
6-point bolt 8.8	M 8	24		2,4	
	M 8	24		2,4	
Cylinder bolt 8.8	M 8	24		2,4	
Cylinder bolt 10.9	M 8	34		3,4	
21 52 ... Clutch release mechanism (hydraulic)					
Union nuts for hydraulic lines		16		1,6	
Master cylinder to mounting brackets		22		2,2	
Master cylinder dowel screw		22		2,2	
Master cylinder to pedal assembly		10		1	
Slave cylinder to bellhousing/ transmission casing		22		2,2	

Tightening Torques		Nm		mkp	
		from	to	from	to
Manual Transmission					
23 00 ... Transmission Assembly					
Transmission to engine			25		2,5
Hexagon head bolts	M 10		49		4,9
	M 12		74		7,4
Torx bolts	M 8		22		2,2
	M 10		43		4,3
	M 12		72		7,2
Transmission to clutch housing	M 12		76		7,6
Reinforcement plate to transmission	M 8		23		2,3
Oil drain plug/ Filler plug			50		5
23 11 ... Case and Covers					
Transmission case rear/ front sections			22		2,2
Cover with guide tube / transmission case	M 8 x 22		18		1,8
	M 8 x 30		25		2,5
	M 6		10		1
Bearing cap/ sealing flange			10,5		1,05
Reverse gear shaft to transfer case			49		4,9
Reverse gear shaft holder to transfer case			25		2,5
Reverse gear shaft to case	M 8		25		2,5
	M 10		45		4,5
Support for reverse gear shaft (260)			25		2,5
Mount bracket to rear case section (260 / 265 / 280)			10		1
Mounting tabs for sealing cover (280)	M 6		10		1
Mount to layshaft(installed with bolt cement (280)	M 10		60		6
	M 20		60		6
Plug on rear case section	M 22		60		6
	M 6		10		1
Sealing caps on rear case section			10		1
Reversing bolt to reversing lever		ZF-S5-16	43		4,3
Clamping claws to rear case section		ZF-S5-16	33		3,3
Locking plate screws		ZF-S5-16	9		0,9
Holder to transfer case (265/Sport)	M6		9		0,9

Tightening Torques		Nm		mkp	
		from	to	from	to
Manual Transmission					
23 21 ... Transmission Shafts					
Output flange (Collar nut installed with bolt cement)		1st 170 (17) Initial torque / 2nd loosen 3rd 120 (12) final torque			
Gear wheel to layshaft	(265/Sport) 10	60		6	
23 71 ... Transmission Suspension					
Transmission mounts (rubber) to cross member	M 10	42		4,2	
Transmission cross member to body	M 10	42		4,2	
	M 8	21		2,1	
Mount bracket to transmission	M 8	21		2,1	

Tightening Torques		Nm		mkp	
		from	to	from	to
Automatic Transmission					
24 00 ... Transmission Assembly					
Transmission to engine			25		2,5
Hexagon head bolts	M 8		24		2,4
	M 10		45		4,5
	M 12		82		8,2
Torx bolts	M 8		21		2,1
	M 10		42		4,2
	M 12		63		6,3
Reinforcement plate to transmission	M 8		23		2,3
24 11 ... Transmission Case, Oil Sump					
Transmission extension	M 8		25		2,5
Guard	M 6		9		0,9
Converter bell housing	M 8		25		2,5
	4 HP-22/24 M 10		46		4,6
Plug an transfer plate	M 10		16		1,6
	4 HP-22/24 M 14		40		4
	4 HP-22/24 M 20		50		5
Oil sump	M 6		9		0,9
	4 HP-22/24		7		0,7
Oil drain plug	M 10		16		1,6
Oil filler plug			105		10,5
	4 HP-22/24		98		9,8
Plug	M 18		43		4,3
24 21 ... Input, Intermediateand Output Shafts					
Output flange collar nut			100		10
24 23 ... Shift clutches					
Torx bolts for clutch F to transmission casing	4 HP-22/24		10		1

Tightening Torques			Nm		mkp	
			from	to	from	to
Automatic Transmission						
24 30 ... Hydr. / elec. Control elements						
Shift body transmission	3 HP - 22	M 6	11		1,1	
	4 HP-22/24	M 6	8		0,8	
Valve body to shift body		M 6	5		0,5	
24 31 ... Fluid pump						
Fluid pump to casing		M 6	11		1,1	
Fluid filter screen			8		0,8	
24 32 ... Governor						
Governor flange to transmission		M 8	16		1,6	
Threaded stud to centrifugal governor		M 6	3		0,3	
6-point nut threaded stut			10		1	
6-point bolt to centrifugal governor		M 6	11		1,1	
Governor housing to hub		M 6	11		1,1	
24 34 ... Shift valves, parking lock						
Pressure regulator to valve body	4 HP-22/24	M 6	5		0,5	
Solenoid valve to valve body	4 HP-22/24	M 6	5		0,5	
24 35 ... Wiring harness, shift elements and gauger						
Transmission socket to casing	4 HP-22/24	M 26	12		1,2	
24 40 ... Torque converter						
Torque converter to flywheel		M 8	26		2,6	
Threaded pin		M 10	49		4,9	
24 51 ... External shift linkage						
Selector lever to transmisson		M 8	9		0,9	
24 71 ... Transmission mounts						
Cross member to floorpan			21		2,1	
Rubber bushings to cross member/ transmission			21		2,1	

Tightening Torques	Nm		mkp	
	from	to	from	to
Gear Shift Console				
25 11 ... Shift console - Manual Transmission				
Front console to shift console (with sheet metal console)	25		2,5	
Shift console to transmission (with sheet metal console)	23		2,3	
Rear shift console to body	11		1,1	
Shift arm console to body max.	21		2,1	
25 16 ... Shift console - Automatic Transmission				
Bowdenzughülle an Halter - Schaltbock und Getriebe	10		1	
Klemmschraube an Getriebe	11		1,1	
Schaltbock an Tunnel	7		0,7	
Schalter an Schaltbock	4,5		0,45	

Tightening Torques			Nm		mkp	
			from	to	from	to
Propeller Shaft						
26 11 ... Driveshaft assembly						
Front coupling to driveshaft and transmission		M 10/ 8,8	48		4,8	
		M 10/ 10,9	64		6,4	
Driveshaft U-joint to transmission		M 10	64		6,4	
Thrust piece clamp ring after installation in vehicle			10		1	
Propeller shaft to drive flange (rear axle)						
Universal joint	Squeeze nut	M 10	64		6,4	
		M 10	90		9	
Constant velocity joint	Squeeze nut	M 8	32		3,2	
		M 8	43		4,3	
		M 10	64		6,4	
(Alter loosening connecting only use ribbed nuts with higher tightening torque						
Pivot to center propeller shaft journal with Loctite (version without slide)			97		9,7	
Center mount to body			21		2,1	

Tightening Torques	Nm		mkp	
	from	to	from	to
Front Axle				
31 00 ... General Information For screwed connections, which can influence handling, it is also important to have the "car loaded down to normal position" in addition to the tightening torque. Car in normal position: Car with complete equipment for normal operation loaded down with: - 2 x 68 kg on the front seats (seats in center position) - 1x 68 kg on rear seat (center) - 1 x 21 kg in trunk (middle) and full fuel tank				
31 10 ... Front Axle Suspension				
Front axle carrier to engine carrier	M 10 9.8	47	4,7	
	M 10 8.8	42	4,2	
	M 12	77	7,7	
31 12 ... Control Arms and Struts				
Leading strut to front axle carrier (tightened in normal position)		135	13,5	
Control arm to front axle carrier (tightened in normal position)		77,5	7,75	
Control arm to spring strut		85	8,5	

Tightening Torques		Nm		mkp	
		from	to	from	to
Front Axle					
31 31..Spring Struts					
Spring strut mount to wheel house		22		2,2	
Shock absorber piston rod to mount		80		8	
	M 14	64		6,4	
	M 12	64		6,4	
	M 12	44		4,4	
31 32 ... Shock Absorbers					
Screw-on ring for spring strut shock absorber		130		13	
31 35 ... Stabilizer					
Holder to front axle carrier or body	M 8	22		2,2	
Stabilizer to control arm (tightened in normal position)	M 8	25		2,5	
	M 10	50		5	

Tightening Torques	Nm		mkp	
	from	to	from	to
Steering and Wheel Alignment				
32 13 ... Power Steering Gear				
Lock nut of adjustment screw	27		2,7	
Oil drain plug	42		4,2	
32 21 ... Steering Arms				
Tie rod castle nut / self-locking nut Important! toe rods with cotter pin holes may not be bolted on with self-locking nuts.	33	40	3,3	4
Tie rod clamping bolt (Tightening in normal position)	24		2,4	
Steering drop arm to steering gear (torque value may be exceeded until position to lockplate is correct)				
	min.	180	18	
Steering guide arm to front axle carrier	M 10	42	4,2	
	M 12	85	8,5	
Tie rod arm to control arm	93		9,3	

Tightening Torques	Nm		mkp	
	from	to	from	to
Steering and Wheel Alignment				
32 31 ... Steering Column				
Universal joint/ coupling to steering gear/ steering spindle	22		2,2	
Steering wheel control console to dashboard carrier and pedal assembly console		M 8		2,2
Hexagon head bolt on steering wheel control console	24		2,4	
Clamp/ shackle for outer steering tube	10		1	
Steering column to dashboard	22		2,2	
Steering column to arm	14		1,4	
32 33 ... Steering Whell				
Steering wheel to steering spindle		nut	80	8
		bolt	63	6,3
32 41..Pump and Oil supply				
Power steering pump console to crankcase (use spacers)	22		2,2	
Hose connections on power steering pump and steering gear		M 14		3,5
		M 16		4
Hose connections on power flow regulator	40		4	

Tightening Torques		Nm		mkp	
		from	to	from	to
Final Drive and Rear Suspension					
33 11 ... Differential housing with cover					
Housing cover	M 10/ 8.8	45		4,5	
Side covers (in continuous sockets, coat bolts with Loctite 270)	M 8	22		2,2	
Filler and drain plugs		70		7	
33 12 ... Ring and pinion assembly with bearings					
Ring gear to differential housing	M 10	1. Fügемoment 50 + 5 / 2. Drehwinkel 60°-5°			
(Always use new bolts for assembly. Bolts clean with no oil or grease, secure with Loctite 270)	M 12 x 1,5	1. Fügемoment 100 + 10/ 2. Drehwinkel 50°+5°			
	M 14 x 1,5	1. Fügемoment 100 + 10/ 2. Drehwinkel 30°+4°			
Drive flange to crown wheel					
- Side cover with 4 bolts, min.	M 20	175		17,5	
- Side cover with 6 bolts, min.	M 20	185		18,5	
- Side cover with 8 bolts, min..	M22	210		21	
33 14 ... Limited-slip differential with bearings					
Cover to differential housing	M 8	33		3,3	
(Secure bolts with Loctite 270)	M 10	47		4,7	
33 17 ... Differential mountings					
Differential to subframe		123		12,3	
Differential to rubber bushing		87		8,7	
Rubber bushings to floorplan	M 8 8.8	24		2,4	
(Bolts clean with no oil or grease, Secure with Loctite 270)	M 8 10.9	37		3,7	
	M 10 8.8	52		5,2	

Tightening Torques	Nm		mkp	
	from	to	from	to
Final Drive and Rear Suspension				
33 21 ... Axle Shafts				
Axle shaft to differential and drive flange Cylinder bolt	M 10	83	8,3	
	M 10 with locking teeth	96	9,6	
	M 10	83	8,3	
	Torx - bolt M 8 with ripped teeth	64		
	Torx - bolt M 10 with ripped teeth	96	9,6	
33 32 ... Rear Suspension				
Trailing arm to rear subframe (Tighten in normal position)	10.9	67 77	6,7 7,7	
Radius rod to floorpan	M 8/ 8.8	25	2,5	
Secondary control arm to trailing arm and rear subframe (Thighten in normal position)		127	12,7	
33 33..Rear subframe				
Rubber bushings to rear subframe		95	9,5	
Rear subframe with rubber bushing to floorpan	M 14 x 1,5	140	14	
33 41 ... Wheel bearings				
Rear axle shaft to drive flange, Collar nut	yellow colored	435	43,5	
	white wax M 27	250	25	
33 52 ... Shock absorbers				
Shock absorber to trailing arm, support arm/ control arm (Tighten in normal position)		127	12,7	
Shock absorber with rubber bushing to body	M 8	22	2,2	

Tightening Torques		Nm		mkp	
		from	to	from	to
Brakes					
34 00 ... Testing and Bleeding Brakes					
Bleeder valve	wrench size 7	5		0,5	
	wrench size 9	6		0,6	
34 11 ... Front Wheel brakes					
Brake disc to wheel hub		16		1,6	
Brake caliper to steering knuckle (bolts oiled lightly)		95		9,5	
34 21 ... Rear Wheel brakes					
Brake drum/ disc to wheel hub		16		1,6	
Wheel cylinder to brake backplate		10			
Brake backplate to trailing arm		65		1	
Brake caliper to trailing arm/ brake backplate		67		6,7	
Guide bolt	wrench size 7	25	30	2,5	3
34 32 ... Brake Lines					
Brake hose couplings	M 10 x 1	19		1,9	
	M 12 x 1	17		1,7	
34 33 ... Brake Booster					
Hydraulic pipe coupling to brake booster		31		3,1	
Orifice valve to brake booster		35		3,5	
Return pipe to oil tank on power flow regulator		16		1,6	
Hydraulic pipe to brake booster on power flow regulator		31		3,1	
Hydraulic pipe to steering gear on power flow regulator		50		5	
Hydraulic pipe from power steering pump on power flow regulator		40		4	
Hydraulic switch (warning switch) to power flow regulator		18		1,8	
Brake booster to pedal assembly console		22		2,2	

Tightening Torques	Nm		mkp	
	from	to	from	to
Pedals				
35 11 ... Pedal Assembly Console				
Cosole to body	22		2,2	
Nut on shaft	27		2,7	
35 21 ... Brake Pedal and Linkage				
Piston rod lock nut	27		2,7	
Nut on shaft	27		2,7	
Pull rod Nut for pivot	27		2,7	
Left and right reversing lever Nut on shaft bolt	27		2,7	
Support to console Brake booster	22		2,2	
Support to console Reversing lever	27		2,7	
35 31 ... Clutch Pedal and Linkage				
Spring lock nut	6		0,6	
Piston rod shaft bolt	22		2,2	
Master cylinder to pedal assembly console	9		0,9	
Spring-pedal shaft bolt	22		2,2	
Clutch pedal Nut on eccentric bolt	22		2,2	
35 41 ... Accelerator Pedal and Linkage				
Full throttle stop	10		1	

Tightening Torques	Nm	mkp
	from to	from to
Wheel rims and Tires		
36 10 ... Whhels Wheel bolts	90 110	9 11
36 11 ... Wheel Rims Blade rim to base rim (bolts ciated with blue Loctite 243)	9	0,9

Tightening Torques	Nm	mkp
	from to	from to
Integrated Suspension Systems		
37 12 ... Ride Level Control System		
Pressure pipe connections (electrical system)	14	1,4
Regulating arm to stabilizer	9	0,9
37 21 ... Pressure Reservoir		
Pressure reservoir to body	9	0,9

Tightening Torques	Nm from to	mkp from to
Body Equipment		
51 12 ... Rear Bumper Impact absorber / bracket to body	23	2,3
51 26 ... Central Lock Drive Central lock drive to lock	2	0,2

Tightening Torques		Nm		mkp	
		from	to	from	to
General Electrical System					
61 13 ... Plug Connections					
Door plug connection to body		5		0,5	
Fuse box Screws for safty fuse		5	M 6	0,5	
Ground or positive connection points		5		0,5	
61 31 ... Switches					
Temperature switch		14	91°C	1,4	
engine M 88-3 / S 38		20	99 °C	2	
Oil pressure switch		40		4	
Reversing lamp switch		20		2	
Transmission switch on instrument panel		4,5		0,45	
61 61 ... Windshield Wipers					
Motor crank to wiper motor		27	M 8	2,7	

Tightening Torques	Nm from to	mkp from to
Instruments		
62 16 ... Screws for speedometer sender Srews for speedometer sender	6,6 8,4	0,66 0,84

Tightening Torques		Nm		mkp	
		from	to	from	to
Heater and Air Conditioner					
64 12 ... Additional Heater with Controls					
Additional heater to body floor			4,5		0,45
Glow plug			17,5		1,75
Oil control plug and oil filler plug			16		1,6
Mounting screws	M 5		6		0,6
	M 6		10		1
	M 8		24		2,4
	M 10		48		4,8
Screw for filter cover			0,9		0,09
64 51 ... Air conditioner (Evaporator), Control Units					
High /medium pressure pressostat			25		2,5
Low pressure pressostat			19		1,9
Three-way safety switch			25		2,5
64 52 ... Compressor					
Compressor to engine			22		2,2
Solenoid clutch spring plate			20		2
64 53 ... Condensor and Drier with Pipes					
Pipe connections	5/8"		20		2
	3/4"		39		3,9
	7/8"		42		4,2
	11/16"		48		4,8

Tightening Torques	Nm from to	mkp from to
Equipment and Accessories for Body		
72 11 ... Seat Belts		
Seat belt to body or seat	48	4,8
Belt height control bolts	24	2,4



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All Service Informations are saved in german language, please find them in the german manual.