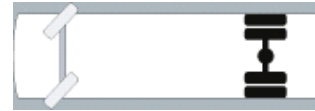


MAN | Service Maintenance list



TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Additional efforts	0	Miscellaneous	1
Month: 0 ca. 0 km	0		

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Change air filter element	3	Air filter insert	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Read out/delete diagnostic memory	1		0
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 12 ca. 10 000 km	57		

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Engine oil change	14	Oil: M 3677	41
Engine oil change: Replace drain plug	0	Drain plug with seal	1
Engine oil change: Replace fuel filter	0	Fuel filter	1
Engine oil change: Replace oil filter	0	Oil filter	1
Replace fuel pre-filter	3	Fuel pre-filter	1
Reset service computer	4		0
Month: 18 ca. 15 000 km	21		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Change air dryer cartridge	3	Air dryer cartridge	1
Change air filter element	3	Air filter insert	1
Change air filter safety element	0	Air filter safety element	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Read out/delete diagnostic memory	1		0
Rear-axle oil change	3	Oil: MAN 342-S2	14,5
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 24 ca. 20 000 km	63		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
AdBlue filter change	3	AdBlue filter	1
Change air filter element	3	Air filter insert	1
Engine oil change	14	Oil: M 3677	41
Engine oil change: Replace drain plug	0	Drain plug with seal	1
Engine oil change: Replace fuel filter	0	Fuel filter	1
Engine oil change: Replace oil filter	0	Oil filter	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Manually operated gearbox oil change	4	Oil: MAN 341-Z5	12,5
Read out/delete diagnostic memory	1		0
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Replace axle ventilation valve	3	Ventilation valve	1
Replace fuel pre-filter	3	Fuel pre-filter	1
Replace gearbox ventilation valve	3	Ventilation valve	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 36 ca. 30 000 km	87		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Change air dryer cartridge	3	Air dryer cartridge	1
Change air filter element	3	Air filter insert	1
Change air filter safety element	0	Air filter safety element	1
Change coolant	6	Antifreeze	30
Hydraulic power steering inspection	13	Steering oil filter	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Read out/delete diagnostic memory	1		0
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Replace working valve	1	Working valve	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 48 ca. 40 000 km	80		

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Engine oil change	14	Oil: M 3677	41
Engine oil change: Replace drain plug	0	Drain plug with seal	1
Engine oil change: Replace fuel filter	0	Fuel filter	1
Engine oil change: Replace oil filter	0	Oil filter	1
Replace fuel pre-filter	3	Fuel pre-filter	1
Reset service computer	4		0
Valve clearance check	16		0
Month: 54 ca. 45 000 km	37		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Change air filter element	3	Air filter insert	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Read out/delete diagnostic memory	1		0
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 60 ca. 50 000 km	57		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
AdBlue filter change	3	AdBlue filter	1
Change air dryer cartridge	3	Air dryer cartridge	1
Change air filter element	3	Air filter insert	1
Change air filter safety element	0	Air filter safety element	1
Engine oil change	14	Oil: M 3677	41
Engine oil change: Replace drain plug	0	Drain plug with seal	1
Engine oil change: Replace fuel filter	0	Fuel filter	1
Engine oil change: Replace oil filter	0	Oil filter	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Manually operated gearbox oil change	4	Oil: MAN 341-Z5	12,5
Read out/delete diagnostic memory	1		0
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Replace axle ventilation valve	3	Ventilation valve	1
Replace fuel pre-filter	3	Fuel pre-filter	1
Replace gearbox ventilation valve	3	Ventilation valve	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 72 ca. 60 000 km	90		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Change air filter element	3	Air filter insert	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Read out/delete diagnostic memory	1		0
Rear-axle oil change	3	Oil: MAN 342-S2	14,5
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 84 ca. 70 000 km	60		

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Engine oil change	14	Oil: M 3677	41
Engine oil change: Replace drain plug	0	Drain plug with seal	1
Engine oil change: Replace fuel filter	0	Fuel filter	1
Engine oil change: Replace oil filter	0	Oil filter	1
Replace fuel pre-filter	3	Fuel pre-filter	1
Reset service computer	4		0
Month: 90 ca. 75 000 km	21		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Change air dryer cartridge	3	Air dryer cartridge	1
Change air filter element	3	Air filter insert	1
Change air filter safety element	0	Air filter safety element	1
Change coolant	6	Antifreeze	30
Hydraulic power steering inspection	13	Steering oil filter	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Read out/delete diagnostic memory	1		0
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Replace working valve	1	Working valve	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 96 ca. 80 000 km	80		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
AdBlue filter change	3	AdBlue filter	1
Change air filter element	3	Air filter insert	1
Engine oil change	14	Oil: M 3677	41
Engine oil change: Replace drain plug	0	Drain plug with seal	1
Engine oil change: Replace fuel filter	0	Fuel filter	1
Engine oil change: Replace oil filter	0	Oil filter	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Manually operated gearbox oil change	4	Oil: MAN 341-Z5	12,5
Read out/delete diagnostic memory	1		0
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Replace axle ventilation valve	3	Ventilation valve	1
Replace fuel pre-filter	3	Fuel pre-filter	1
Replace gearbox ventilation valve	3	Ventilation valve	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Valve clearance check	16		0
Winter service	7	Door lock graphite	1
Month: 108 ca. 90 000 km	103		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Change air dryer cartridge	3	Air dryer cartridge	1
Change air filter element	3	Air filter insert	1
Change air filter safety element	0	Air filter safety element	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Read out/delete diagnostic memory	1		0
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 120 ca. 100 000 km	60		

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Engine oil change	14	Oil: M 3677	41
Engine oil change: Replace drain plug	0	Drain plug with seal	1
Engine oil change: Replace fuel filter	0	Fuel filter	1
Engine oil change: Replace oil filter	0	Oil filter	1
Replace fuel pre-filter	3	Fuel pre-filter	1
Reset service computer	4		0
Month: 126 ca. 105 000 km	21		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Change air filter element	3	Air filter insert	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Read out/delete diagnostic memory	1		0
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 132 ca. 110 000 km	57		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
AdBlue filter change	3	AdBlue filter	1
Change air dryer cartridge	3	Air dryer cartridge	1
Change air filter element	3	Air filter insert	1
Change air filter safety element	0	Air filter safety element	1
Change coolant	6	Antifreeze	30
Engine oil change	14	Oil: M 3677	41
Engine oil change: Replace drain plug	0	Drain plug with seal	1
Engine oil change: Replace fuel filter	0	Fuel filter	1
Engine oil change: Replace oil filter	0	Oil filter	1
Hydraulic power steering inspection	13	Steering oil filter	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Manually operated gearbox oil change	4	Oil: MAN 341-Z5	12,5
Read out/delete diagnostic memory	1		0
Rear-axle oil change	3	Oil: MAN 342-S2	14,5
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Replace axle ventilation valve	3	Ventilation valve	1
Replace fuel pre-filter	3	Fuel pre-filter	1
Replace gearbox ventilation valve	3	Ventilation valve	1
Replace working valve	1	Working valve	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 144 ca. 120 000 km	113		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Change air filter element	3	Air filter insert	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Read out/delete diagnostic memory	1		0
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 156 ca. 130 000 km	57		

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Engine oil change	14	Oil: M 3677	41
Engine oil change: Replace drain plug	0	Drain plug with seal	1
Engine oil change: Replace fuel filter	0	Fuel filter	1
Engine oil change: Replace oil filter	0	Oil filter	1
Replace fuel pre-filter	3	Fuel pre-filter	1
Reset service computer	4		0
Valve clearance check	16		0
Month: 162 ca. 135 000 km	37		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
Change air dryer cartridge	3	Air dryer cartridge	1
Change air filter element	3	Air filter insert	1
Change air filter safety element	0	Air filter safety element	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Read out/delete diagnostic memory	1		0
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 168 ca. 140 000 km	60		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

<i>Activity</i>	<i>WU</i>	<i>Spare parts</i>	<i>Amount</i>
AdBlue filter change	3	AdBlue filter	1
Change air filter element	3	Air filter insert	1
Engine oil change	14	Oil: M 3677	41
Engine oil change: Replace drain plug	0	Drain plug with seal	1
Engine oil change: Replace fuel filter	0	Fuel filter	1
Engine oil change: Replace oil filter	0	Oil filter	1
Inspection I	33	Lubricant/small parts TGX/TGS	1
Inspection I: Read out DPF load	1		0
Inspection I: Replace pollen filter	0	Pollen filter	1
Manually operated gearbox oil change	4	Oil: MAN 341-Z5	12,5
Read out/delete diagnostic memory	1		0
Replace auxiliary heater fuel filter	3	Auxiliary heater fuel filter	1
Replace axle ventilation valve	3	Ventilation valve	1
Replace fuel pre-filter	3	Fuel pre-filter	1
Replace gearbox ventilation valve	3	Ventilation valve	1
Reset service computer	4		0
Top up engine oil	5	Oil: M 3677	2
Winter service	7	Door lock graphite	1
Month: 180 ca. 150 000 km	87		

TGS, 4x2 air air, 10.000 km p.a., E6e, consideration period 180 months

Additional selection criteria:

- HydroDrive Fuel quality : good; sulphur content less than 50 ppm
- Hydraulic power steering Climate zone : normal; moderate temperatures
- EHLA inspection Service computer : activated
- Re-/Intarder Vehicle deployment : 32l
- Fuel pre-filter Engine : D15
- Winter service Gearbox : ZF 12TX 2210 / 2610
- Central hydraulics Axles : 2 Driven: 1
- Auxiliary heater Rear axle type : HY-1350
- Brake test bench
- Air filter safety element
- Oil quality engine : M 3677
- Oil quality gearbox : MAN 341-Z5
- Oil quality rear axle first fill : MAN 342-M3
- Oil quality rear axle service fill : MAN 342-S2

- Change cylinder head cover seal : never
- Valve clearance interval : coupled to engine oil change
- km intervals for engine oil change and valve clearance check rounded down to full 5Tkm
- Manual input of the km intervals for engine oil change and valve clearance check
- Interval engine oil change 18 months
- Interval valve clearance check 54 months
- Manual input of time and km-intervals change airfilter and change air filter safety element

- Interval air filter safety element change 24 months
- Interval air filter change 12 months
- Spare parts discount 0,00%
- Hourly rate 72,00 €
- Description of additional works