A TEREX COMPANY

Service Manual

	Serial number range
GTH-2506	From serial n.: 18957
AGRI-625	From serial n.: 19057
GTH-3007	From serial n.: 19051
AGRI-730	From serial n.: 19241

Part No. 57.0009.0419

April 2008

MidWestTech | Terex Genie GTH-2506, AGRI-625, GTH-3007, AGRI-730 Telescopic Forklift Service Manual | Publication 57.0009.0419

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TECHNICAL SPECIFICATION

2.2 TYRES

		GTH-2506 AGRI-625	GTH-3007 AGRI-730
- Dimension		12-16.5	405/70-20
- Load index		10 pr	14 pr
- Rim		9.75 x 16.5	13 x 20
- Wheel disk		8 holes DIN 70631	8 holes DIN 70631
- Pressure	bar	4.5	5.5

2.3 LIMIT OF USE

			GTH-2506 AGRI-625	GTH-3007 AGRI-730
•	Obstruction angle	°	90	90
•	Departure angle	°	70	50
•	Ambient temperature	°C	46	46

2.4 WEIGHT

			GTH-2506 AGRI-625	GTH-3007 AGRI-730
•	Weight with forks	Kg	4450	5900

2.5 SPEED

			GTH-2506 AGRI-625	GTH-3007 AGRI-730
•	Max speed (fwd/reverse)*/**	Km/h	5/24	5/
•	Max slope uphill*/**	°	36°/42°	
•	Towing capacity at dynamometer (max load)	kg	4230	
•	Towing capacity at dynamometer (with forks)	kg	3100	
•	Break-out force	Kg	shovel 500 lt sae j732/80 4185	shovel 800 lt sae j732/80 4270
•	Chassis levelling		not available	not available

2.6 PAYLOAD AND REACH

			GTH-2506 AGRI-625	GTH-3007 AGRI-730
•	Lifting height (max)	mm	5790	6900
•	Forward reach (max)	mm	3350	3900
•	Reach at maximum height	mm	605	760
•	Attachment holding plate rotationi	°	130	128
•	Lifting capacity (max)	kg	2500	3000
•	Lift capacity at max height	kg	2000	2500
•	Lift capacity at max reach	kg	900	1250

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MAINTENANCE INSPECTIONS

3.4 MAINTENANCE INSPECTION REPORT

Model

Serial number

Date

Hour meter

Machine owner

Inspected by

Inspector signature

Inspector title

Inspector company

Instructions:

- *Make copies of this page to use for each inspection.*
- *Select the appropriate checklist(s) for the type of inspection to be performed.*

- ☐ ***Every 10 hours: A***
- ☐ ***Every 50 hours: A+B***
- ☐ ***Every 250 hours: A+B+C***
- ☐ ***Every 500 hours: A+B+C+D***
- ☐ ***Every 1000 hours: A+B+C+D+E***
- ☐ ***Every 2000 hours: A+B+C+D+E+F***
- ☐ ***At 6000 hours: G***

- *Place a check in the appropriate box after each inspection procedure is completed.*
- *Use the maintenance tables in this section and the step-by-step procedures in section 4 to learn how to perform these inspection.*
- *If any inspection receives an "N", tag and remove the machine from service, repair and re-inspect it. After repair, place a check in the "R" box.*

Legend:

Y = yes, acceptable

N = no, remove from service

R = repaired.

Table A		Y	N	R
Within the first 10 working hours:				
A-1	Oil level within reduction gears, power divider and differential gears.			
A-2	Tightening of the wheel bolts.			
A-3	Tightening of all bolts and nuts.			
A-4	Check the couplings for oil leaks.			
Every 10 working hours:				
A-5	Operator Manual.			
A-6	Labels and plates.			
A-7	Engine oil livel.			
A-8	Air suction filter.			
A-9	Radiator.			
A-10	Hydraulic oil level in the tank.			
A-11	Check the greasing of the boom section pads.			
A-12	Grase the forks.			
A-13	Grease all joints of the boom, the rear axle shaft joint, the transmission shafts, the front and rear axles and any equipment of the machine.			
A-14	Lighting electric system.			
A-15	Efficiency of braking system and parking brake.			
A-16	Steering selection system.			
A-17	Fork balancing system.			
A-18	Safety devices.			
A-19	Engine coolant level.			

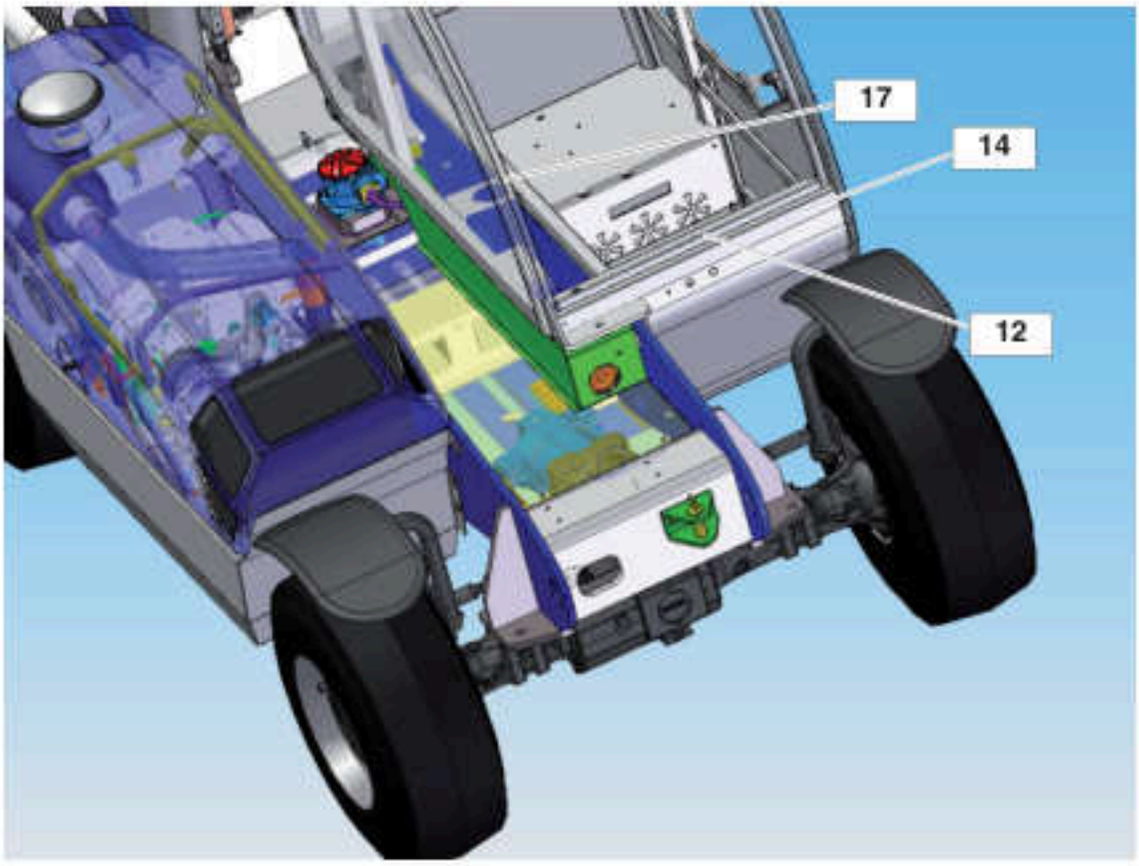
Table B		Y	N	R
Within the first 50 working hours:				
B-1	Efficency of machine.			
Every 50 working hours:				
B-2	Alternator belt.			
B-3	Tyre inflation.			
B-4	Tightening of the wheel nuts.			
B-5	Tightening of the cardan shaft screws.			

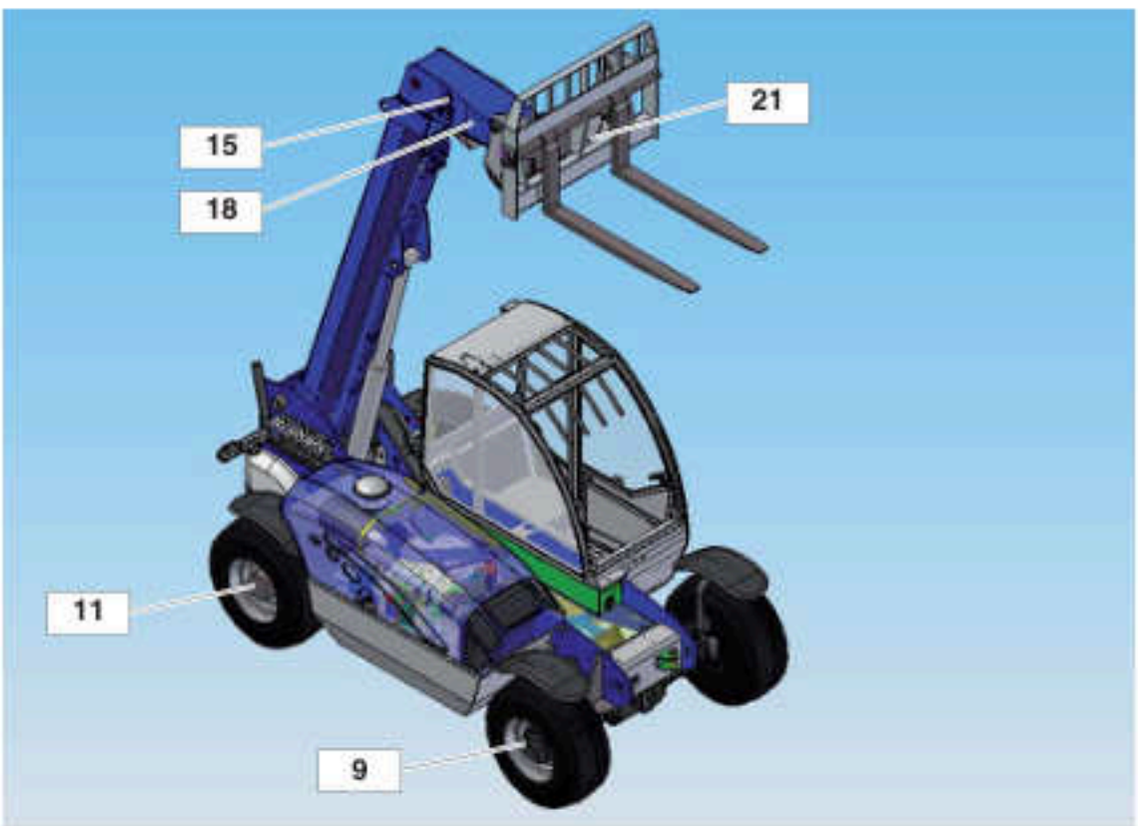
Table C		Y	N	R
Every 250 working hours:				
C-1	Engine oil and relevant filter.			
C-2	Oil level in the differential gears and reducer.			
C-3	Oil level in the four reduction gears.			
C-4	Cartridge of the engine air filter.			
C-5	Clamping of the cableheads to the battery terminals.			
C-6	Air suction hose between engine and filter.			
C-7	Cylinder chromium-plated rods.			
C-8	Check the hydraulic lines.			
C-9	Check the electric cables.			
C-10	Wear of the sliding pads of the boom sections.			
C-11	Play of the sliding pads of the boom sections.			
C-12	Sliding parts of the boom sections.			
C-13	Level of the battery electrolyte.			
C-14	Efficiency of the block valves.			

Table D		Y	N	R
Every 500 working hours:				
D-1	Smoke from engine exhaust.			
D-2	Tightening of the engine fixing screws.			
D-3	Tightening of the cab fixing screws.			
D-4	Backlash between pins and bushings in all joints.			
D-5	Hydraulic oil filter of the transmission.			
D-6	Hydraulic oil filter in the tank.			
D-7	Efficiency of hydraulic system.			
D-8	Cartridge of the engine air filter.			
D-9	Air filter in the cab.			
D-10	Engine oil and filter, and fuel filter			

Table E		Y	N	R
Every 1000 working hours:				
E-1	Safety element of engine air filter			
E-2	Oil of the differential casing and the power divider.			
E-3	Oil in the four wheel reduction gears.			
E-4	Change the hydraulic oil.			

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TABLE 003

Procedure: **Removing the engine from the machine**	Table: ***003*** **GTH 2506-3007 AGRI 625-730**	kg	340
			Hours: 2 Min.: 30
Bridge crane, payload 500 kg **Textile bridles or chains with hooks**	Standard tools		2

Operation:

1 Open the engine cover

2 Secure the cover with a belt or hold it raised by hand so it cannot move

3 Using two 13mm wrenches, remove the two screws of the spring



4 Again with two 13mm wrenches, loosen the three screws that secure the cover to the frame

5 Remove the upper cover

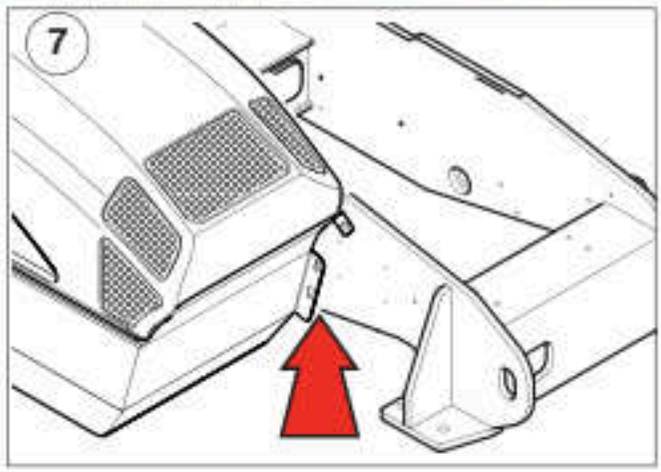
6 Disconnect the two battery leads and remove the battery using a 13mm wrench

7 With two 17mm wrenches, remove the six screws fixing the lower cover of the engine

8 Remove the lower cover







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