Maintenance Procedures

Maintenance Schedule

The maintenance procedures have been divided into subsections that include: Commissioning, Quarterly, Annually and Programmed maintenance intervals. The maintenance inspection report has been divided into general areas of the machine that include: Drive Chassis, Platform, Functions and Controls, Engine and Electrical.

Failure to perform these procedures may result in poor performance, component damage and unsafe operating conditions. They are essential to safe operation, machine performance and service life.

Commissioning: A series of required one time maintenance procedures to be performed at 50 and 150 hour intervals.

Quarterly and Annually: A series of maintenance procedures to be performed quarterly or annually.

Programmed: A series of maintenance procedures to be performed during a Pre-Delivery Preparation or based on machine operating hours.

Maintenance Inspection Report

The maintenance inspection report contains checklists for each type of scheduled inspection.

Make copies of the *Maintenance Inspection Repor*t to use for each inspection. Maintain completed forms for a minimum of 4 years or in compliance with your employer, jobsite and governmental regulations and requirements.

Instruction Examples

Commissioning Example:

Commissioning	1 50	1 150
2 Engine - all models 3 PO-1	4	4

Quarterly and Annually Example:

6 Drive Chassis	1 Intervals	Q	A
2 Inspect the tires, wheels and Lug Nut Torque	3 Q-4	4	5 Ø

Programmed Example (under 1000 HRS):

Programmed Maintenance - Under 1000 HRS		Status	Enter Hours
2 Check Track Tension/Fastener Torque	3 P0-1	4	7 50
2 Engines - Deutz Under 1000 HRS	3 P0-2	4	7

Programmed Example:

Programmed Maintenance	1 Hours are in thousands					
All models	1	2	3	4	6	12
2 Engine - all models, 1000 hrs 3 P1-1	4	Ø	Ø	Ø	Ø	Ø

Instructions Legend

Use the following detailed descriptions to identify the intended use of the maintenance inspection reports.

1	Specific Interval: blank box is the interval to be completed and the ∅ marks the interval as not required.
2	The description of the procedure or checklist to be completed.
3	The procedure number or checklist to be completed.
4	Check box to indicate status of inspection.
5	Specific interval is not required for this procedure.
6	General area of the machine to complete the procedure.
7	If this box has a designated time interval: this is the specific time interval to complete the procedure or checklist. If this box is empty: the maintenance checklist will include multiple time intervals, use this box to write in the specific interval for the inspection completed.

Pre-Delivery Preparation Report

Fundamentals

It is the responsibility of the owner or dealer to perform the Pre-delivery Preparation.

The Pre-delivery Preparation is performed prior to each delivery. The inspection is designed to discover if anything is apparently wrong with a machine before it is put into service.

A damaged or modified machine must never be used. If damage or any variation from factory delivered condition is discovered, the machine must be tagged and removed from service.

Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications.

Scheduled maintenance inspections shall be performed by qualified service technicians, according to the manufacturer's specifications and the requirements listed in the responsibilities manual.

Instructions

Use the operator's manual on your machine.

The Pre-delivery Preparation consists of completing the Pre-operation Inspection, the Maintenance items and the Function Tests.

Use this form to record the results. Place a check in the appropriate box after each part is completed. Follow the instructions in the operator's manual.

If any inspection receives an N, 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

Comments

Pre-delivery Preparation	Y	N	R
Pre-operation inspection completed			
Maintenance items completed			
Function tests completed			

Model

Serial number

Date

Machine owner

Inspected by (print)

Inspector signature

Inspector title

Inspector company

Genie
A TEREX BRAND

Terex South Dakota, Inc USA
500 Oak Wood Road
PO Box 1150
Watertown, SD 57201-6150
(605) 882-4000

Genie UK
The Maltings, Wharf Road
Grantham, Lincolnshire
NG31- 6BH England
(44) 1476-584333

Scheduled
Maintenance Inspection Report – Scissor Lifts

Model	Hour meter	Date
Serial number	Inspector company	Machine owner
Inspected by (print)	Inspector signature	

Inspection Type Q = quarterly or frequent inspections A = annual inspections	**Legend** Y = yes, acceptable N = no, remove from service R = repaired ∅ = not applicable	Make copies of this report to use for each inspection. Select the appropriate procedures for the type of inspection(s) to perform.

If any inspection receives an "N," tag and remove the machine from service, repair and re-inspect it. After repair, place a "R" in the box.

Drive Chassis	**Intervals**	**Q**	**A**
Inspect the Electrical Contactors - GS-30m, GS-30, GS-32m, GS-32, GS-46, GS-55, GS-69 DC, GS-69 BE	Q-6		
Inspect the Fuel Tank Check Valve Venting System - GS-69 RT Gas Models	Q-12		
Inspect the Tires, Wheels and Lug Nut Torque	Q-15		
Confirm the Proper Brake Configuration - GS-69, GS-84, GS-90	Q-16		
Check the Drive Hub Oil Level and Fastener Torque	A-1	∅	
Test the Oscillate Axle - GS-90	A-3	∅	
Check the Steer Yoke King Pin Fastener Torque - GS-84, GS-90	A-6	∅	
Chassis Mechanicals and Hydraulics	**Intervals**	**Q**	**A**
Check the Module Tray Latch Components	Q-3		
Visual Inspection of the Hydraulic Oil	Q-9		
Inspect the Hydraulic Filters	Q-10		
Test the Function Pump - GS-69 BE, GS-69 DC	A-2	∅	
Electrical	**Intervals**	**Q**	**A**
Battery Inspection	Q-2		
Inspect the Battery Balancer - GS-69 DC	Q-4		
Inspect the Electrical Wiring	Q-5		
Inspect the Voltage Inverter (if equipped)	Q-7		
Engine	**Intervals**	**Q**	**A**
Check the Exhaust System - Engine Models	Q-11		
Check and Adjust the Engine RPM	Q-14		

Platform	**Intervals**	**Q**	**A**
Test the Platform Overload Pressure Transducer and Platform Height Sensor	A-5	∅	
Functions and Controls	**Intervals**	**Q**	**A**
Check for Open Bulletins and Owner Registration	Q-1		
Test the Flashing Beacons (if equipped)	Q-8		
Test the Fuel Select Operation - Gasoline/LPG Models	Q-13		
Test the Drive Brakes	Q-17		
Test the Drive Speed – Stowed Position	Q-18		
Test the Drive Speed - Raised Position	Q-19		
Test the Down Limit Switch, Level Sensor and Pothole Limit Switches - GS-30, GS-32, GS-46, GS-55	Q-20		
Test the Descent Delay - GS-69, GS-84, GS-90 (if equipped)	A-4	∅	

Programmed
Maintenance Inspection Report – Scissor Lifts

Model	Hour meter	Date
Serial number	Inspector company	Machine owner
Inspected by (print)	Inspector signature	

Programmed maintenance will be completed based on machine hours. This program includes the onetime or commissioning procedures for new products.
The onetime procedures will be completed at 50 or 150 hours.

Legend
Y = yes, acceptable
N = no, remove from service
R = repaired
∅ = not applicable

Make copies of this report to use for each inspection.
Select the appropriate procedures for the type of inspection(s) to perform.

If any inspection receives an "N," tag and remove the machine from service, repair and re-inspect it. After repair, place a "R" in the box.

Commissioning		50	150
50 Hour Service - all models	C-1		∅
Perform Engine Maintenance - 50 Hours	C-2		∅
Perform 150 Hour Service	C-3	∅	

Programmed Maintenance - Under 1000 HRS		**Status**	**Enter Hours**
Inspect the Engine Air Filter - GS-69 RT	P0-1		40
Grease the Steer Yokes - GS-30m, GS-30, GS-32, GS-46, GS-55	P0-2		100
Replace the Drive Hub Oil - GS-30, GS-32m, GS-32, GS-46, GS-55	P0-3		200
Engines - Deutz Under 1000 Hours	P0-4		
Engines - Ford Under 1000 Hours	P0-5		
Engines - Kohler Under 1000 Hours	P0-6		
Engines - Kubota Under 1000 Hours	P0-7		
Engines - Perkins Under 1000 Hours	P0-8		
Engines - GM Under 1000 Hours	P0-9		

Programmed Maintenance		**Hours are in thousands**					
All models	**Perform every:**	**1**	**2**	**3**	**4**	**5**	**6**
Engines - all models, 1000 Hours	P1-1		∅	∅	∅	∅	∅
Replace the Drive Hub Oil - GS-69, GS-84, GS-90	P1-2		∅	∅	∅	∅	∅
Engines - all models, 2000 Hours	P2-1	∅		∅	∅	∅	∅
Replace the Hydraulic Filters	P2-2	∅		∅	∅	∅	∅
Check the Free-wheel Configuration - GS-84, GS-90	P2-3	∅		∅	∅	∅	∅
Check the Scissor Arm Wear Pads (and Slider Blocks, If Equipped)	P2-4	∅		∅	∅	∅	∅
Grease the Steer Axle Wheel Bearings - GS-69 BE, GS-69 DC	P2-5	∅		∅	∅	∅	∅
Test or Replace the Hydraulic Oil	P2-6	∅		∅	∅	∅	∅
Engines - all models, 3000 Hours	P3-1	∅	∅		∅	∅	∅
Engines - Deutz D 2.9 L4, TD 2.2 L3. 5000 Hours	P5-1	∅	∅	∅	∅		∅
Engines - Deutz D2011L03i, 6000 Hours	P6-1	∅	∅	∅	∅	∅	