



SERVICE/INSPECTION CHECKLIST

DATE: 04/2018 ISSUE: 2 NUMBER: 3/093

SUBJECT: Service/Inspection Checklist (Teletruks)

PRODUCTS AFFECTED: TLT 25G, TLT 30D High Lift, TLT 30G, TLT 35D, TLT 35D 4x4

TERRITORIES AFFECTED: Africa, Australia and New Zealand, Baltics, Belgium, Brazil, Caribbean Islands, Central Europe, China, France (and French territories), Germany, Gulf States, India, Italy, Mexico, Middle East, Netherlands, Nordic Territories, North America (USA and Canada), Poland, Portugal, Russia and CIS, South America, South-East Asia, Southern Europe, Spain, Turkey, UK and Ireland

TO BE CARRIED OUT: Information Only

SAFETY NOTICE: Instructions in Service Bulletins assume that the engineer has a sound knowledge of safety procedures and has been trained in the maintenance and repair of JCB products. If you are unsure or do not understand information contained in this or other bulletins, ask your supervisor or contact JCB Service for advice. REMEMBER SAFETY MUST COME FIRST.

Copyright © 2004 JCB SERVICE. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any other means, electronic, mechanical, photocopying or otherwise, without prior permission from JCB SERVICE.

This communication and the information within is intended for the recipient only, for information purposes, is confidential and may not be communicated to any third party. Whilst the information is believed to be correct, no guarantee is given by JCB as to it's accuracy and it's use may not be attributed to JCB. This bulletin is issued for information only and does not constitute an instruction to carry out warranty repairs on JCB products.

Machine and Dealer Information

Table 1.

Dealer Stamp (Below):	Machine Type:
	Serial Number:
	Distributor:
TEB CONTRACTOR OF THE PROPERTY	Depot:
	Job Number:
	Hourmeter Reading:
	Date of Registration:
	Date of Service:
	Customer Name:
	Engineer Name:

Maintenance Schedule

Introduction

WARNING Maintenance must be done only by suitably qualified and competent persons.

Before doing any maintenance make sure the machine is safe, it must be correctly parked on solid, level ground.

To prevent anyone starting the engine, remove the ignition key. Disconnect the battery (by means of the battery isolator if installed) when you are not using electrical power. If you do not take these precautions you could be killed or injured. A badly maintained machine is a danger to the operator and the people working around the operator. Make sure that the regular maintenance and lubrication tasks listed in the service schedules are done to keep the machine in a safe and efficient working condition.

To ensure the correct functioning of the engine and emissions control system all operation and maintenance must be conducted in accordance with the instructions in this manual. Incorrect operation, maintenance or repair of the engine and emissions control system may lead to reduced product life, loss of performance or malfunctions. It is the machine owner's responsibility to ensure





maintenance is conducted properly in accordance with the requirements in this manual.

Apart from the daily tasks, the schedules are based on the machine running hours. Keep a regular check on the hourmeter readings to correctly gauge the service intervals. When there is no hourmeter installed, use the calendar equivalents to determine the service intervals.

Do not use a machine which is due for a service. Make sure any defects found during the regular maintenance checks are corrected immediately.

More frequent checks of engine components than the engine manufacturer recommends do not invalidate emissions warranty.

How to Use the Maintenance Schedule

The schedules show the service tasks which must be done and their intervals.

The services must be done at either the hourly interval or the calendar equivalent, whichever occurs first.

The intervals given in the schedules must not be exceeded. If the machine is operated under severe conditions (high temperature, dust, water, etc.) shorten the intervals.

Table 2.

0	Service task can be completed by a competent operator. Details of how to complete the service task are given in the Operator's Manual.
	We recommend that a Service Engineer completes the service task. Details of how to complete the service task are given in the Service Manual.

Maintenance Intervals

Table 3.

Interval (h)	Calendar Equivalent
10	Daily
50	Weekly
500	Six months
1000	Yearly
2000	Two years

Pre-start Cold Checks, Service Points and Fluid Levels

More frequent checks of engine components than the engine manufacturer recommends do not invalidate emissions warranty.

Table 4.

Component	Task	10	50	500	1,000	1,500	2,000
Forks/Attachments/Optional Equipment							
As required	Lubricate	0	0				
As required	Check (condition)	0	0				
Forks	Check (condition)	0	0				
Body and Framework	,	,					,
General	Clean	0	0				
General	Check (condition)	0	0				
Boom/pivot pins	Lubricate		0				
Apply waxoyl to wear pad run- ways	Lubricate						
Boom wear pad mounting bolt torque	Check (condition)						
Hinges	Lubricate						
Operator Station	•	•					
Operator protective structure	Check (condition)	0	0				
Seat, seat belt	Check (condition)	0	0				
Engine							,
Oil	Check (Leaks)	0	0				
Oil	Check (level)	0	0				
Oil and filter ⁽¹⁾	Replace						





Component	Task	10	50	500	1,000	1,500	2,000
FEAD belt	Check (condition)		0				
FEAD belt	Replace						
Air inlet security/air cleaner elements	Check (condition)	0	0				
Security of engine and pump mountings	Check (condition)						
Fuel level	Check	0	0				
Air Filter							
Air filter (outer) ⁽²⁾	Replace						
Air filter (inner)	Replace						
Air filter (dust valve)	Clean						
Fuel System							
Main fuel filter/sedimenter	Replace						
Main fuel filter/sedimenter	Clean (drain)		0				
Secondary fuel filter ⁽³⁾	Replace						
Cooling System							
Coolant	Check (leaks)	0	0				
Coolant	Check (condition)	0	0				
Coolant	Check (level)	0	0				
Coolant	Replace						
Cooling pack	Check (condition)		0				
Wheels and Tyres		_		l.	I		,
Wheel nuts security	Check (condition)	0	0				
Tyre pressures (if applicable)	Check (condition)	0	0				
Hydraulics							
Hose and pipework	Check (Leaks)	0	0				
Oil	Check (level)	0	0				
Oil	Replace						
Hydraulic oil filter (charge)	Replace						
Hydraulic Tank oil filters	Replace						
Rams	Check (condition)		0				
Motor mounting bolts security	Check (condition)						
Motor mountings security	Check (condition)						
Transmission							
Axles ⁽⁴⁾	Lubricate		0				
Rear wheel hub bearings and pins ⁽⁵⁾	Check (condition)						
Steering linkages	Check (condition)		0				
Steering linkages	Lubricate		0				
Electrics					_		
Wiring	Check (condition)		0				
Battery	Clean		0				
Battery charge and condition	Check (condition)						
						_	





Component	Task	10	50	500	1,000	1,500	2,000
Battery electrolyte level (if applicable)	Check (level)						
Battery isolator	Check (operation)		0				
Starter motor	Check (condition)						
Alternator	Check (condition)						
Window washer fluid level	Check (level)	0	0				
Longitudinal load motion control (LLMI) System	Check (operation)	0	0				
Longitudinal load motion control (LLMI) Calibration	Check (operation)						
Miscellaneous		•	,			,	
Fire extinguisher (if fitted)	Check (condition)	0	0				
Safety labels - renew as required	Check (condition)	0	0				
Lifting points	Check (condition)						

⁽¹⁾ If operating under arduous conditions, do an engine oil flush (use the normal recommended engine oil) every 250 hours and replace the engine oil and filter.

(5) Jobs which should be done by a specialist

Functional Tests and Final Inspection

More frequent checks of engine components than the engine manufacturer recommends do not invalidate emissions warranty.

Table 5.

Component	Task	10	50	500	1,000	1,500	2,000
Body and Framework		•	,				
Doors and locks	Check (condition)						
Engine							
General	Check (condition)	0	0				
Hydraulics							
Services	Check (operation)	0	0				
MRV pressure ⁽²⁾	Check (operation)						
Charge circuit pressure(2)	Check (operation)						
Fuel System			,				
Fuel system	Check (leaks)	0	0				
Transmission	•	•					
Operation, noise and vibration	Check (condition)						
Electrics							
Foot brake	Check (operation)	0	0				
Park brake	Check (operation)	0	0				
Warning light are extinguished	Check (condition)	0	0				
General	Check (operation)	0	0				

⁽²⁾ If operating in dusty condition do these tasks more frequently.

⁽³⁾ Main fuel filter must be drained weekly. If the warning light illuminates the main and secondary filter must be drained.

⁽⁴⁾ Extra greasing may be required depending on site conditions. Premature axle wear will result if frequent greasing is not carried out, particularly in wet or dusty environments.





Component	Task	10	50	500	1,000	1,500	2,000
Miscellaneous							
Fit for purpose test ⁽²⁾	Check (operation)						

⁽¹⁾ Dusty conditions only.(2) Tasks which must be done by a specialist.

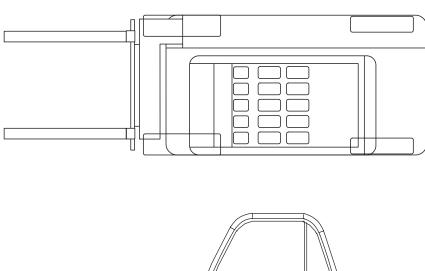


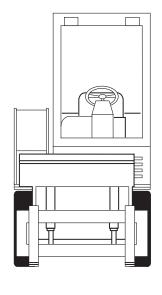


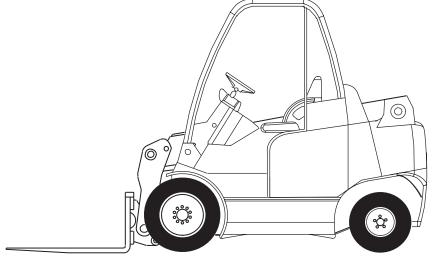
Service/Inspection Report

Paintwork Defects

Figure 1.











Remarks/Action Implemented During the Machine Service

Figure 2. **Outstanding Action Required** Figure 3.