



Timberwolf Wood Chipper
SERVICE AND WARRANTY RECORD
(Original Instructions)

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1 Warranty Statement

All new Timberwolf machines come with peace of mind built in.

Our no-nonsense warranty is your guarantee of your Timberwolf wood chipper not letting you down.

Your warranty certificate is included within your machine documentation pack.

Please ensure you register your machine with your dealer to ensure you are eligible for the full Timberwolf warranty period.



The standard warranty period for all new Timberwolf machines commences on the date of sale to the first owner and continues for a period of 36 months. This guarantee is also transferable when a Dealer has a machine registered with Timberwolf as a hire chipper or long-term demonstrator. In these situations, they are duly authorised to transfer any remaining warranty period to the new owner.

To qualify for Timberwolf Warranty the machine must be serviced at prescribed intervals for each year.



2 Warranty Service Record Check

Model Number		Serial Number	
Date of delivery / handover		Options/Extras	
Dealer pre-delivery check			
Inspected by			

50 HOUR WARRANTY SERVICE CHECK		Authorised dealer stamp
Date		
Hours		
Invoice number		
Signature		
Next service due		

2 Warranty Service Record Check



11 MONTH WARRANTY SERVICE CHECK		Authorised dealer stamp
Date		
Hours		
Invoice number		
Signature		
Next service due		

23 MONTH WARRANTY SERVICE CHECK		Authorised dealer stamp
Date		
Hours		
Invoice number		
Signature		
Next service due		



3 Service Record

If extra Service Record sheets are required, contact Timberwolf.

		Authorised dealer stamp
Date		
Hours		
Invoice number		
Signature		
Next service due		

		Authorised dealer stamp
Date		
Hours		
Invoice number		
Signature		
Next service due		

3 Service Record



		Authorised dealer stamp
Date		
Hours		
Invoice number		
Signature		
Next service due		

		Authorised dealer stamp
Date		
Hours		
Invoice number		
Signature		
Next service due		



3 Service Record

		Authorised dealer stamp
Date		
Hours		
Invoice number		
Signature		
Next service due		

		Authorised dealer stamp
Date		
Hours		
Invoice number		
Signature		
Next service due		

3 Service Record



		Authorised dealer stamp
Date		
Hours		
Invoice number		
Signature		
Next service due		

		Authorised dealer stamp
Date		
Hours		
Invoice number		
Signature		
Next service due		



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4 Service Schedule



Warning

Before carrying out any servicing, always ensure the chipper is in a safe condition. (Refer to the 'Safe Maintenance' Section within the Instruction Manual for your chipper.)

User Checks

In addition to the Servicing Schedule there are daily, weekly and monthly checks that should be carried out by the user. Daily and weekly checks are detailed in the Instruction Manual. Monthly checks are detailed in Section 5 "*Monthly User Checks*" on page 15.

The Timberwolf service schedule consists of three distinct parts.

- Initial Service - after the first 20/50 hours of use or 3 months, whichever occurs first.
- Minor Service - every 200 hours or every 12 months, whichever occurs first.
- Major Service - every 400 hours or every 24 months, whichever occurs first.

Your chipper's Instruction Manual will aid you in carrying out some of the servicing tasks listed within this document.

NOTE

The schedule defined within this document covers the normal servicing requirements for those components designed or fitted by Timberwolf.

All servicing requirements for the engine, axle or towing equipment, are defined within the specific manufacturer's handbooks which were supplied with your chipper.

For all issues not covered within any of the documents supplied with your chipper, you should refer, in the first instance, to your dealer.



4.1 Initial Service

The Initial Service should be carried out after the first 20/50 hours of use of your Timberwolf chipper, or 3 months, whichever occurs first.

- Honda engine - 20 hours - oil and filter change.
- Kubota engine - 50 hours - oil and filter change.
- Briggs & Stratton Vanguard engine - 50 hours - oil and filter change.

Carry out all the tasks listed, referring to the Instruction Manual where required, for further information.

- Check the Track Drive Unit oil (Tracked machines only).
- Replace the hydraulic oil filter.
- Replace the fuel pre-filter.
- Check the anvils for signs of wear. (The chipper should be returned to your dealer for anvil replacement.)
- Check the tension of all the drive belts and adjust if necessary. If the belts show signs of wear or damage they should be replaced.
- Grease the discharge tube mounting flanges.
- Check all nuts, bolts and fasteners for security. Re-tighten to the correct torque settings as necessary.
- Grease PTO drive shaft couplings (PTO machines).
- HYBRID ONLY- Visually inspect the super-capacitors and the GSM for significant build up of dirt and remove it using a damp cloth and a mild degreaser. Dirt can reduce cooling of the generator which will reduce performance.

NOTE

In addition to the tasks listed above, you should refer to the manufacturer's handbooks supplied for the engine, axle and towing equipment, and carry out any servicing tasks stipulated within them.



4.2 Minor Service

The Minor Service should be carried out after every 200 hours of use of your Timberwolf chipper, or every 12 months, whichever occurs first.

For the engine oil requirements specific to your machine, refer to Section 6 "*Engine Oil Change Requirements*" on page 17.

Carry out all the tasks listed, referring to the Instruction Manual where required, for further information.

- Check the Track Drive Unit oil (Tracked machines only).
- Check the hydraulic oil level and condition. Top up or replace as required.
- Replace the fuel pre-filter.
- Check the anvils for signs of wear. (The chipper should be returned to your dealer for anvil replacement.)
- Check the tension of all the drive belts and adjust if necessary. If the belts show signs of wear or damage they should be replaced.
- Remove all old grease from the rotor bearings and re-grease.
- Grease the discharge tube mounting flanges.
- Check all nuts, bolts and fasteners for security. Re-tighten to the correct torque settings as necessary.
- Check all fuel pipes and clamps for signs of damage. (The chipper should be returned to your dealer for fuel pipe replacement.)
- Check all hydraulic pipes and clamps for signs of damage. (The chipper should be returned to your dealer for hydraulic pipe replacement.)
- Check for loose or damaged electric wiring and re-secure as necessary. (The chipper should be returned to your dealer for electrical wiring replacement.)
- HYBRID ONLY- Visually inspect the super-capacitors and the GSM for significant build up of dirt and remove it using a damp cloth and a mild degreaser. Dirt can reduce cooling of the generator which will reduce performance.

NOTE

In addition to the tasks listed above, you should refer to the manufacturer's handbooks supplied for the engine, axle and towing equipment, and carry out any servicing tasks stipulated within them.



4.3 Major Service

The Major Service should be carried out after every 400 hours of use of your Timberwolf chipper, or every 24 months, whichever occurs first.

For the engine oil requirements specific to your machine, refer to Section 6 "*Engine Oil Change Requirements*" on page 17.

Carry out all the tasks listed, referring to the Instruction Manual where required, for further information.

- Replace the Track Drive Unit oil (Tracked machines only).
- Replace the hydraulic oil filter.
- Drain and replace the hydraulic oil.
- Replace the fuel pre-filter.
- Check the anvils for signs of wear. (The chipper should be returned to your dealer for anvil replacement.)
- Replace all the drive belts.
- Remove all old grease and inspect the rotor bearings. Replace if worn. Re-grease if serviceable. (The chipper should be returned to your dealer for bearing replacement.)
- Grease the discharge tube mounting flanges.
- Check all nuts, bolts and fasteners for security. Re-tighten to the correct torque settings as necessary.
- Check all fuel pipes and clamps for signs of damage. (The chipper should be returned to your dealer for fuel pipe replacement.)
- Check all hydraulic pipes and clamps for signs of damage. (The chipper should be returned to your dealer for hydraulic pipe replacement.)
- Check for loose or damaged electric wiring and re-secure as necessary. (The chipper should be returned to your dealer for electrical wiring replacement.)
- HYBRID ONLY- Visually inspect the super-capacitors and the GSM for significant build up of dirt and remove it using a damp cloth and a mild degreaser. Dirt can reduce cooling of the generator which will reduce performance.

NOTE

In addition to the tasks listed above, you should refer to the manufacturer's handbooks supplied for the engine, axle and towing equipment, and carry out any servicing tasks stipulated within them.



5 Monthly User Checks

Monthly checks should be carried out on all Timberwolf chippers, as part of the regular maintenance programme. These can be carried out by the user.

Monthly checks should be in addition to the daily and weekly operational checks as detailed in the Instruction Manual.

- Carry out a test of the Protective Devices System (Refer to Section 5.1 "*Protective Devices System Checks*" on page 16).
- Check for loose or damaged electric wiring and re-secure as necessary.
- Check all accessible nuts, bolts and fasteners for security. Re-tighten to the correct torque settings as necessary.
- Check the tension of all the rotor drive belts and adjust if necessary.
- Check the tension of the hydraulic pump drive belt and adjust if necessary
- Grease the roller box slides. (At least monthly: in heavy usage this should be done weekly.)
- Check battery condition and terminals.
- Grease the discharge tube mounting flanges.
- Check anvil and blades for wear.
- Disconnect grease pipes and ensure that grease can flow freely.
- HYBRID ONLY- Visually inspect the GSM for significant build up of dirt and remove it using a damp cloth and a mild degreaser. Dirt can reduce cooling of the generator which will reduce performance.



5.1 Protective Devices System Checks



If the machine fails any part of the Protective Devices System Checks it must not be used until the problem is rectified.

The Protective Devices are mounted on the sides of the feed tray and on top of the feed funnel. Some models also have an Engine Stop Switch.

For the exact locations of all the Protective Devices refer to Parts Locator 1 in the O&M Manual for the relevant machine.

1. Check all Protective Devices for visible damage and debris (including wiring).
2. Start the machine and ensure the engine is running at fast (hare) speed.
3. Lower the feed tray to the working position.
4. Press the red safety bar, ensuring that it operates freely and smoothly, and that the safety switch (left side of tray) is free from debris and is being activated by the movement of the bar.
5. Press the **GREEN** Forward Feed Control to activate the forward rollers.
6. Press the Left Hand tray side mounted Protective Device.
 - The forward rollers should stop immediately and the whole machine should come to a complete stop. (NB. On the TW 280HB(Hybrid) only, the engine will continue to run.)
 - Check that the button operates correctly and cleanly.
7. Reset the Protective Device by turning it to release.
 - Check that the button resets correctly and cleanly.
 - Resetting the Protective Device should allow re-activation of the forward rollers by pressing the **GREEN** Forward Feed Control.
8. Repeat Steps 4 to 7 for ALL other Protective Devices fitted to the machine (Tray-mounted side Protective Devices, Funnel-mounted top Protective Devices and Engine Stop Switch (where fitted)). Ensure the engine is running at fast speed.
9. With the engine running at fast speed activate the forward rollers by pressing the **GREEN** Forward Feed Control, then press the Engine Stop Switch. The engine should cut out and the forward rollers should stop. Wait until a minimum of 30 seconds has elapsed as rotor inertia will keep the engine turning.
10. Restart the engine and ensure it is running at full speed.

N.B. If the machine is fitted with an Engine Stop Switch, when operating this the feed rollers will NOT stop immediately, but will stop as the engine falls below the pre-set 'No Stress' speed.



6 Engine Oil Change Requirements

After completion of the initial oil and filter change (refer to Section 4.1 "*Initial Service*" on page 12) the management of oil and filter changes for your particular machine should continue as follows:

6.1 Briggs & Stratton Vanguard engines

- Oil and filter change - 100 hours or 1 year, whichever occurs first.

6.2 Kubota engines (Petrol and Diesel)

- Oil and filter change - 200 hours or 1 year, whichever occurs first.

6.3 Kubota D902T engine (Hybrid)

- Oil change - 100 hours or 6 months, whichever occurs first.
- Oil and filter change - 200 hours or 1 year, whichever occurs first.

6.4 Honda engines

- Oil change - 100 hours or 6 months, whichever occurs first.
- Oil and filter change - 200 hours or 1 year, whichever occurs first.

NOTE

For detailed service requirements, you should refer to the manufacturer's handbook supplied for the engine in your particular machine.



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7 Notes



TIMBERWOLF®

Lead the Pack