

# TOP 10 INSPECTION ITEMS

## Model SG-75

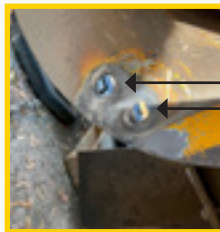
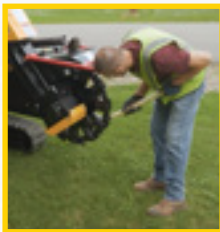


\*\*\* Below are the top recommended inspection items for the Model SG-75 to be used as a general guideline. For a complete listing of maintenance items, please consult the operator's manual.

- 1. Cutterwheel:** Proper cutterwheel maintenance is one of the top items to check and **maintain daily** to ensure peak machine performance and longevity. Check for worn, dull, or loose cutter teeth and holders and replace as needed. Grinding with dull or bad teeth will pound on the machine and lead to other problems like bearing or seal failures.

- » Green Wheel - If the holders are loose, they will egg out the pocket holes and damage the cutterwheel.
- » Revolution Wheel – Inspect front weld in pockets for cracks, inspect wear pads on cutter wheel rim, replace wear pad on rim as needed.

*Note: Using dull teeth can lead to bearing and seal failures.*

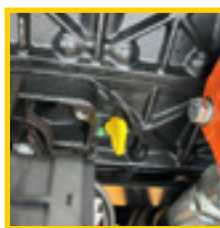


Egged out holes in the cutter wheel

- 2. Filters:** Remove the air filter end cap and remove the filters from the canister. Ensure the filters are clean of debris and replace any worn or damaged filters.



- 3. Fluids:** Check all fluid levels including fuel, engine oil, hydraulic oil, and coolant. Ensure there are no dry rotted fuel lines or hydraulic hoses.



- 4. Tracks:** Check tension regularly. When lifted, properly tensioned tracks should have no slack between the track and roller. Loose tracks can derail and cause damage - don't force them back on. If tension decreases, inspect the track tensioner's grease zerk for leaks.

\*\*\* If tracks are losing tension, check track tensioner for leaking grease around grease zerk.



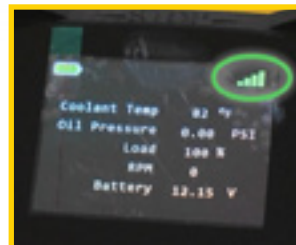
- 5. Tracks In / Out:** – Run the tracks in and out daily, this will help push the dirt out and keep them in good working order.

- » Check for sharp burrs and track slide tube damage.
- » Check plastic slides for excessive wear.



- 6. Remote:** Check for full charge and connectivity. If the signal is lost, verify the plug connections. If there is not connectivity check for loose plugs attached to the controller and receiver.

\*\*\* If remote begins to cut out, this could be due to other equipment in the area, disrupting the remote connectivity.



- 7. Pivot Bearing:** Check pivot bearing for free play.
- » Bad bearings can lead to additional pivot and upper frame damage.
  - » Check chip pan hinges, are they contacting the upper frame?
  - » Put the cutter head on the ground, watch pivot area and raise the machine. Is the upper frame moving upwards in the pivot?



- 8. Moving / Swinging Parts:** Inspect moving or swinging parts for excessive movement, most machines are designed with wearable hardened bushings. Running the machine with loose or worn parts can damage the assemblies past the point of repair.
- 9. Engine Mounting:** Check engine feet and bracing for loose bolts or cracks.
- 10. Hose Wear:** Check the machine for rubbing hoses or wire harness wear.



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