

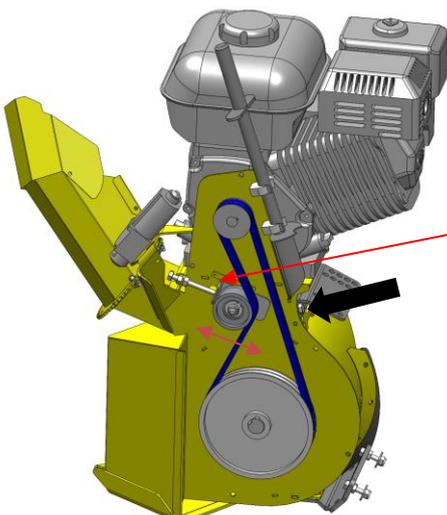
Rammy Snow Thrower ST30 ATV

ATV thrower plow



MAINTENANCE

Your Rammy snow thrower requires proper maintenance for safe, reliable, and long-term operation.

Maintenance item	Action	Type	Maintenance interval
	<p>Grease the impeller bearings. There are grease nipples on the side of the bearings. Plug the nipples for protection.</p> <p>Check the tightness of bearing retaining screws. Apply glue if necessary.</p> <p>Tighten the bearing retaining screws. Check the screw joints of the engine, transmission, and other components.</p>	<p>Bearing vaseline, operating temperature -30...+60 degrees</p> <p>Thread locking glue</p>	<p>20 hours (approx. 10 tanks of petrol) or one season.</p> <p>2 hours after first use and 20 hours or one season after that.</p>
 <p>The belt tension should be such that the belt can be deflected by hand at the middle of the longest span by approx. 10...15mm when applying a force of approx. 2kg.</p>	<p>Re-tighten the locking screws of the pulleys. Tightening torque for engine pulley screws: 6Nm. Tightening torque for impeller pulley screws: 32Nm.</p> <p>Check the condition and tension of the belts through the hole behind the protective housing, which is under the rubber plug. Adjust the belt tension with the screw/nut (M10) that moves the pulley. Check that the pulley fixing screw (M12) is tightened sufficiently, so that the pulley just moves, but is not too loose.</p> <p>Check the condition of the belt tensioner pulley and bearings, the tightness of the nut.</p> <p>The pulleys come off when you loosen two hexagon screws and insert one of the screws into the third empty thread. Tighten the screw to release the lock. Install the new belt and slide the pulley back onto the shaft. Successively tighten the hexagon screws in an even manner to their original positions.</p>		<p>2 hours after first use and 20 hours or one season after that.</p>
	<p>Change the engine oil after first 5 operating hours.</p> <p>Always change engine oil (1.1L) after each season. 5W-40 (fully synthetic).</p> <p>Check attachment of components. Tighten loose screws.</p> <p>See more detailed engine maintenance instructions in the manual provided by the engine manufacturer.</p>		

Repair and maintenance services are available from authorized service shops. They use original spare parts.

When carrying out simple maintenance and repairs on your own, use only original spare parts that fit as they are and make your work easier. Spare parts are available from your dealer or service shop. When ordering spare parts, specify the model designation of the snow thrower, the year of purchase, and the engine model and type number.

TROUBLESHOOTING

SYMPTOM	PROBLEM	ACTION
The engine does not start	Out of fuel. Fuel tap closed. Power switch in the OFF position.	Refuel. Open the fuel tap. Set the power switch to the ON position.
The drum does not rotate	Loose belt. Torn belt. Drum stuck.	Tighten the belt by bolt or replace the belt. Clean the drum and the chamber.
Snow is not ejected from the chute	Fuse rubbers damaged. The drum does not rotate.	Replace the rubbers. See the above.
Insufficient engine power	The throttle remains at half power.	Adjust the stiffness of the throttle lever.
Excessive drum vibration	Drum imbalance. Dirt or foreign objects in the drum.	Adjust or replace the drum. Clean the drum, blades and chamber.
Electric motor for chute turning or chute end does not work	Blown fuse. Power cable cut. Faulty electric motor. Loose motor gear. Electric switch damaged.	Replace the fuse, check the voltage (should be between 11.5-15V). Replace the cable. Replace the motor. Tighten the locking screw; use thread locking. Replace the switch.

WARRANTY TERMS AND CONDITIONS

The snow thrower comes with a two-year warranty covering manufacturing and material defects. The user must carefully comply with the instructions provided in the attached document.

The warranty does not cover damage or defects caused by:

- neglect of the instructions in the user manual;
- carelessness, collision, freezing;
- improper or prohibited use or installation;
- use of non-original spare parts;
- use of accessories not supplied and approved by Rammy;
- reasons related to inadequate or incorrect storage.

The warranty also does not cover:

- wear parts, such as drive belts, bearings, impeller, skis, and cables;
- normal wear;
- the engine. These are covered by their manufacturer's warranty with specific warranty conditions.

The warranty is valid from the handover date. The purchaser is protected by the legislation of the country in question. The warranty does not limit the rights protected by said legislation.

For more information, visit www.rammy.fi

DECLARATION OF CONFORMITY

Manufacturer: Rammy Oy

Address: Tietäjäntie 3, 70900 Toivala

Hereby confirms that **RAMMY SNOW THROWER ST30 ATV**

complies with the essential machines and equipment-related safety and functionality standards listed below:

2006/42/EC Machinery Directive, Guide to application
EN 12100 Safety of machinery
SFS-EN 13021+A1 Winter Service. Safety requirements.

As proof of this, the CE mark is affixed to the device.

Place and date of signing the declaration: Toivala, 1 October 2024



Tomi Piironen, CEO