

Miter Saw, Wood

- Clean, Lubricate and Adjust Miter Saw
- Inspect and Clean Wood Miter Saw Blade

Clean, Lubricate and Adjust Miter Saw

Service manual: https://drive.google.com/file/d/16HFrtwBzy-s0uS8aojnePJ2yyeupkZX2/view?usp=drive_link

Tools/Materials Required

- General purpose oil
- Light household oil (sewing machine oil)

Clean Lower Guard

1. Unplug the saw. (We want to eliminate the possibility of unexpected startup.)
2. Clean the blade guard with a damp cloth.

Warning: Do not use solvents on the guard. They could make the plastic cloudy and brittle.

Remove Sawdust

1. Wipe down the saw body with a dry cloth.
2. Vacuum all around the saw, including slides (top, behind, and under).
3. Vacuum the scoop behind the saw of any dust or chips.

Lubricate the Saw

1. Apply general purpose oil to the chop pivot.
2. Use light household oil (sewing machine oil) on metal-to-metal or metal-to-plastic contact areas on the central pivot of the plastic guard. (Lubricate as required for smooth, quiet operation. Avoid excessive oil, to which saw dust will cling.)

Inspect and Clean Wood Miter Saw Blade

Service manual: PENDING

Inspect the Blade

Inspect the saw blade for wear and damage.

1. If any teeth are missing, yellow tag the tool in a tool report and file a purchase request if there are no spares in the maintenance room.
1. If two consecutive teeth are missing, file a tool report, replace the blade and place a purchase request if the last has been used.

- Purchase request: <https://protohaven.org/purchasing>

Clean the Blade

Materials Needed:

- Dish soap
- Blade-Cleaning Kit (Found in the Maintenance Room)

The blade-cleaning kit should contain:

- A bin (for soaking)
- A brush
- Oily rags
- Hand towels

Procedure:

1. Unplug the saw.
2. Remove the saw blade.
3. Soak the blade in the cleaning solution for a few minutes, or apply cleaning solution with a sprayer.
4. Scrub both sides with a plastic or brass bristle brush (not steel/stainless).
5. Rinse thoroughly clean with water.
6. Dry blade completely.
7. Oil the entire surface very lightly with general purpose oil.
8. Install the saw blade.
9. Plug the machine back in.