Oiling your Highland 1201C/1501C Embroidery Machine

Note to Operator: Failure to oil your machine properly will result in unwanted damage to your machine. Please follow these instructions carefully. If you need assistance, please call MESA Support at 800-330-3867, Option 2.

Tools/Supplies Needed:

- Sewing Machine Oil (either a Zoom Spout or Oiling Pen)

  - [Purchase Zoom Spout](#)
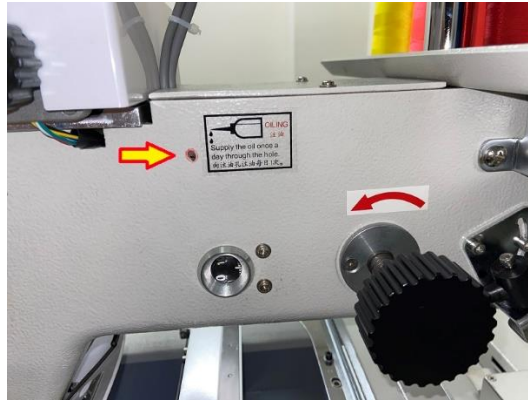 - [Purchase Pen Oiler](#)
- Alba-5 Lubricant Spray (Recommended)

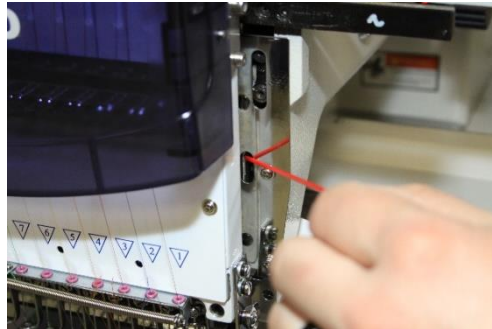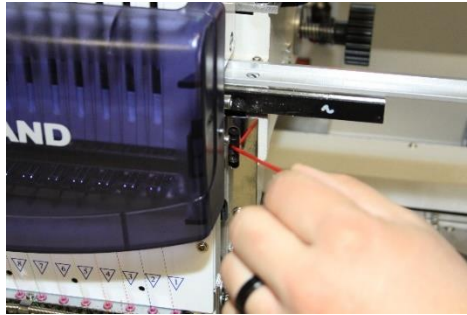 - [Purchase here](#)
- Phillips head screwdriver
- Compressed Air

  - [Purchase here](#)

Revised 06/09/2021

Step-by-Step Instructions

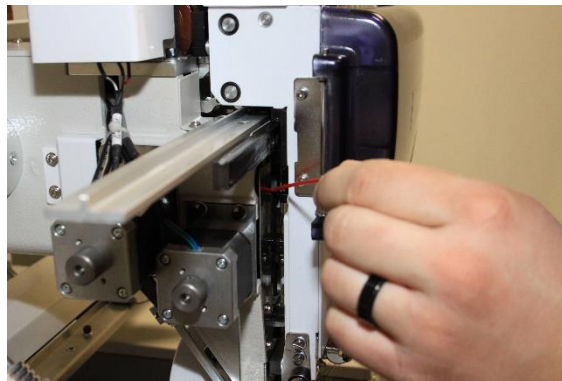1. Red hole next to the large black knob on the right side of your machine: 3-4 drops daily

2. Inner portion of sewing head (Shafts and Connecting Rods)-One drop week
   a. Move over to needle #1 and oil inside the both holes on the silver plate

Revised 06/09/2021

When oiling these spots, you are getting oil in the following places:

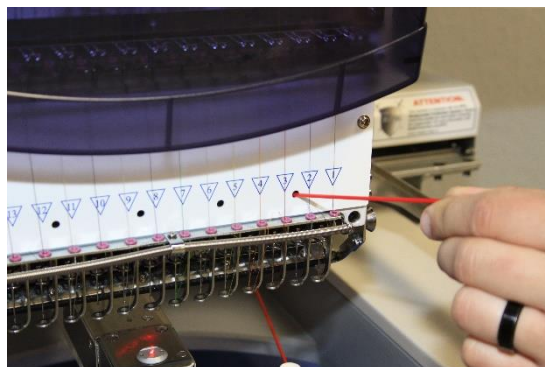b. Move to needle #15 and oil the top of the reciprocator shaft

When oiling this section, you are to get oil on the following:

Revised 06/09/2021

3. Needle Bars (springs behind take up levers)-1 drop on each needle bar spring weekly
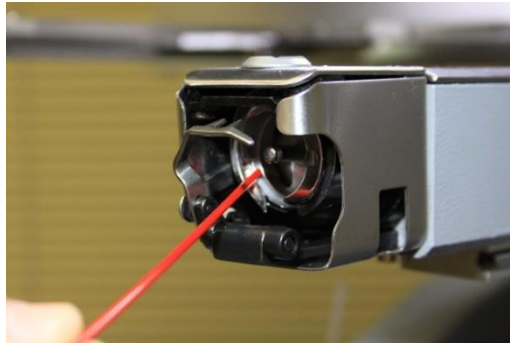

4. Felt pad behind white plate-1 drop in each hole once per week

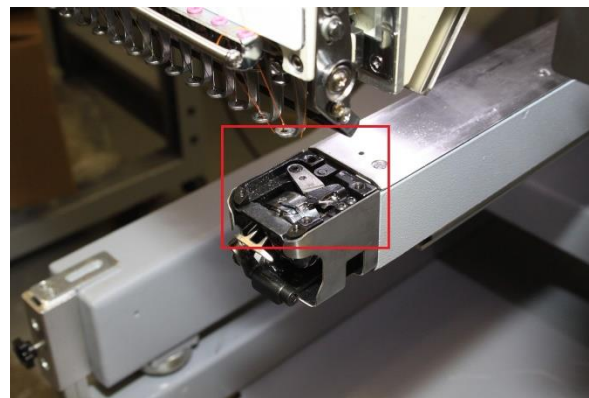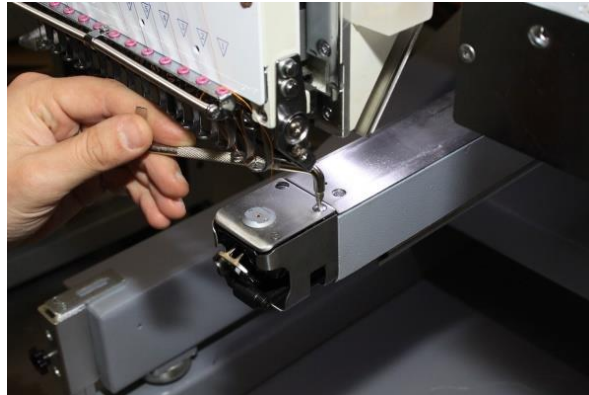5. Hole on bed arm (small hole located behind the needle plate)- 2 drops, once daily

Revised 06/09/2021

6. Rotary Hook-2 drops, twice daily (once every three to four hours)

Revised 06/09/2021

Other Maintenance Procedures:

1. Remove the needle plate at least once every other day and blow out the area under it (highlighted below) with compressed air. This will remove lint build up and dust from effecting your ability to embroider properly.

2. Replace your bobbin case every 3-6 months, or after dropping it on the ground as this will damage the metal on the bobbin case.
3. Replace the needles on your machine roughly every 25-40 hours of use. In addition, if you are having excessive thread breaks on a particular needle, you should replace the needle as part of your troubleshooting methods.

Revised 06/09/2021