



# BE-1204, 1206

## Maintenance Schedule

For Technical Assistance Please Call Toll Free 1-877-4BROTHER

Email: [tsupport@brother.com](mailto:tsupport@brother.com)

Website: [http://www.brother-usa.com/industembroidery/tech\\_down.aspx](http://www.brother-usa.com/industembroidery/tech_down.aspx)

### Daily Maintenance

#### Cleaning      Oiling

#### Rotary hook

1. Open bobbin case covers and remove bobbin cases. Use brush to remove lint build up in and around rotary hooks. Compressed air may also be used.



2. Insert bobbin cases in to rotary hooks. Make sure bobbin thread is not over 2 inches long. Close bobbin case covers.



#### Rotary hook

1. Remove rubber dust plug from the left hand end of machine and insert the red 4mm T-handle wrench. Turn degree wheel in the opposite direction of the arrow to 50 degrees.



2. Open bobbin case covers and insert one drop of oil to the rotary hook raceways. Oil raceways at the beginning and every 3-4 hours of operation.



3. Close bobbin case covers.
4. Rotate degree wheel in the direction of the arrow back to stop position (100 degrees). Remove T-handle wrench and re-install rubber dust plug.



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### Weekly Maintenance

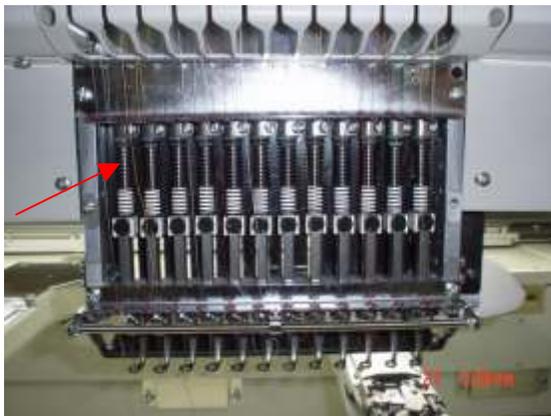
#### Oiling

##### Needle Bars

1. Insert 1 drop of oil to each needle bar through each hole in the needle case cover. Do this for all heads.



*Note: Cover in photo has been removed for illustration of where to lubricate.*



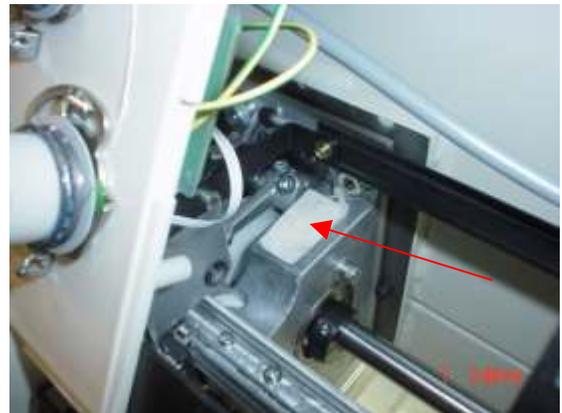
##### Felt pad on heads

1. Remove rubber dust plugs to the right of each head. Color change machine to needle #1.



2. Wet the top of the felt pads with oil.

*Note: Cover in photo has been removed for illustration of where to lubricate.*



3. Replace rubber dust plugs.



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### Monthly Maintenance Cleaning

#### Knives

1. Remove the two rear screws and remove the needle plates.



2. Clean any thread and lint around the moving and fixed knives.



3. Re-install needle plates.

#### Control Box

1. Use a brush to clean filters on fans and vents in front and back of control box.





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### Monthly Maintenance

#### Oiling

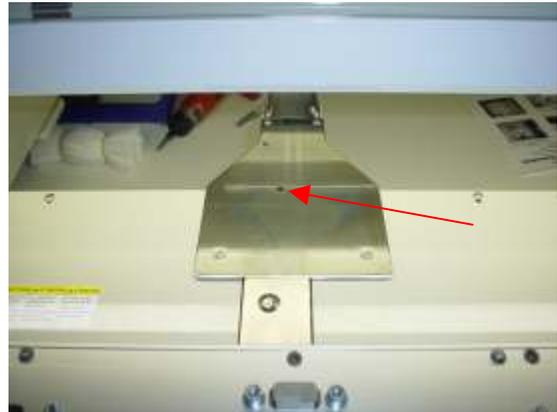
##### Front lower shaft bushing

1. Lubricate the front lower shaft bushing by adding oil to the red hole for each head.



##### Rear lower shaft bushing

1. Lubricate the rear lower shaft bushing by adding oil to the red hole for each head.





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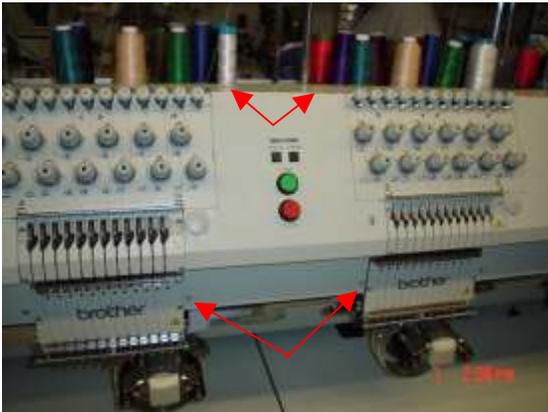
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### Monthly Maintenance

#### Greasing Cam grooves

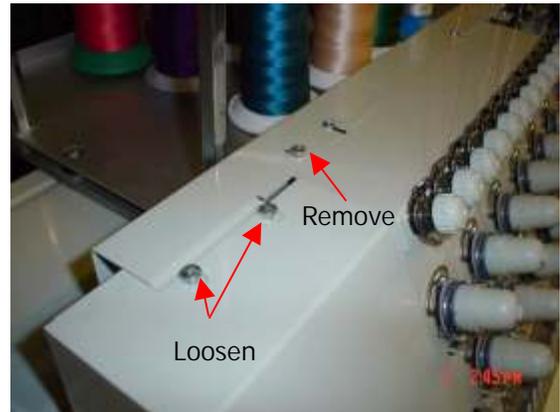
1. Remove the covers between each head by removing the two lower screws and loosening the two upper screws on the BE-1204 or one upper screw on the BE-1206.



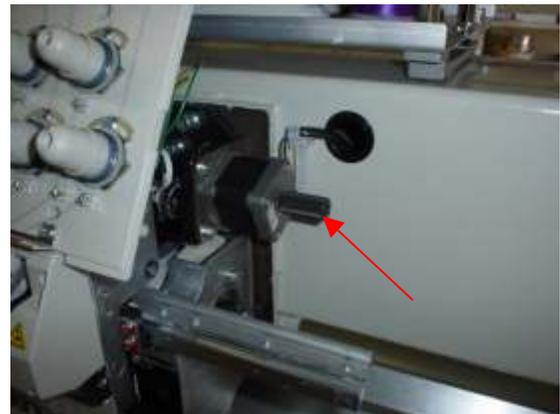
2. Remove the right end cover by removing the two lower screws and loosening the one upper screw.



3. Remove the right end cover by removing the two lower screws and loosening two upper screws. Plus removing a screw on the cover behind the head.



4. Move the needle case to needle 12 by rotating the color change knob.





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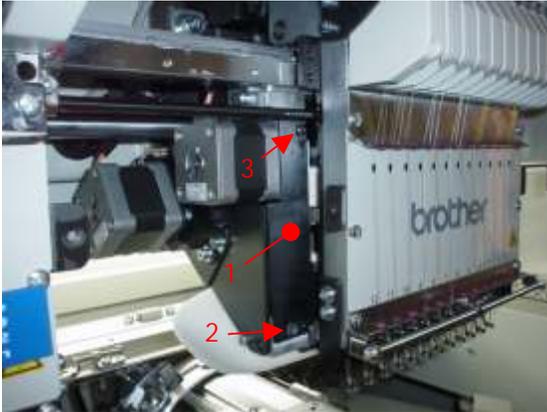
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### Monthly Maintenance

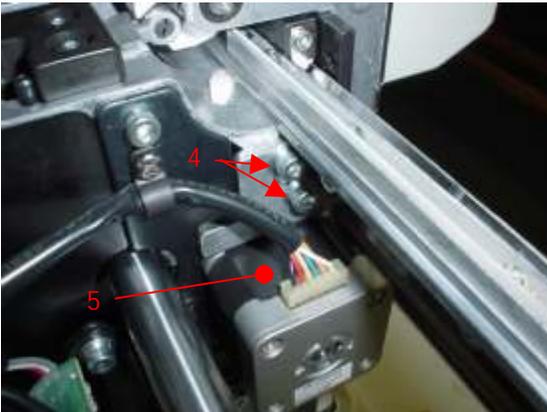
#### Greasing

##### Cam grooves continued

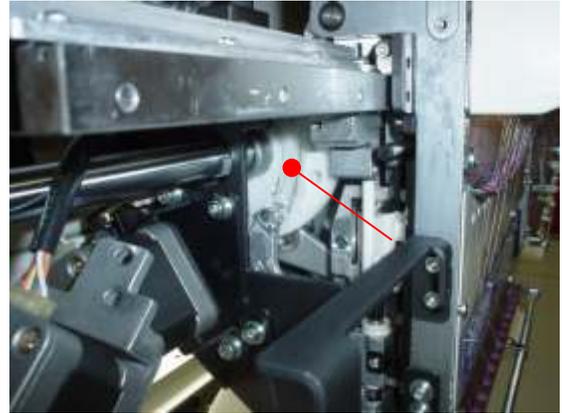
5. Unscrew the lower screw [2] and loosen the upper fixing screw [3]. Remove the head front covers L [1].



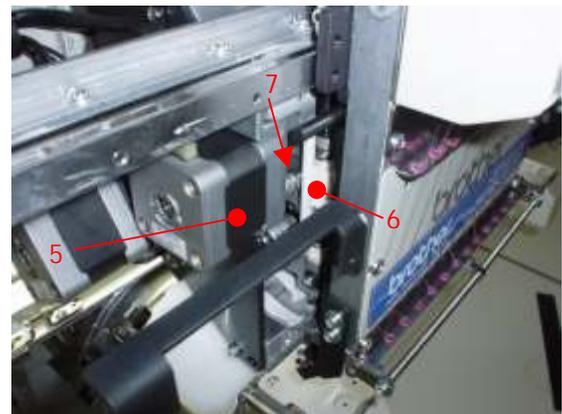
6. Unscrew the two adjusting bolts [4] and detach the jump part stepping motors [5].



7. Grease the cam groove of the work clamp cams.



8. Attach the jump part stepping motors [5] and tentatively tighten the adjusting bolts [4].
9. Adjust the position of the jump part stepping motors [5] so that the roller [7] of the jump lever assembly, just touches the jump part [6]. Then fully tighten the bolts [4]. Adjust the roller [7] not to push on the jump part [6] but just touches it.



10. Attach the head covers front L [1].



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### Monthly Maintenance

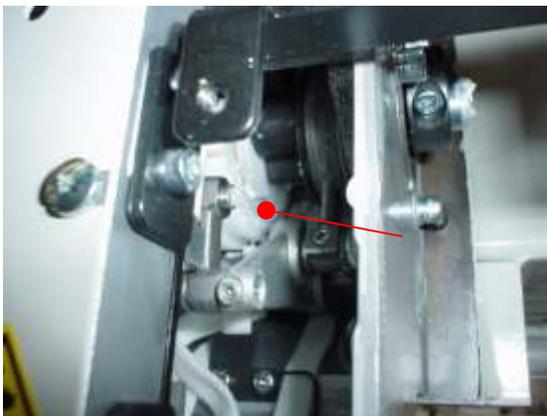
#### Greasing

##### Cam grooves continued

11. Move the needle bar case to the needle bar No.1 position by rotating the color change knob.
12. Unscrew the 2 fixing screws [8] fixing the head front cover R [9], and remove the head front covers R [9].



13. Grease the cam groove of the thread take-up driving cams.



14. Attach the head front covers R [9].

15. Install left end head cover.
16. Install right end head cover.
17. Install covers between each head.



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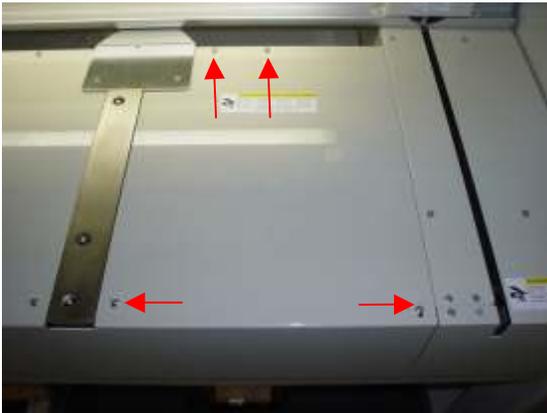
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### 3 Month Maintenance

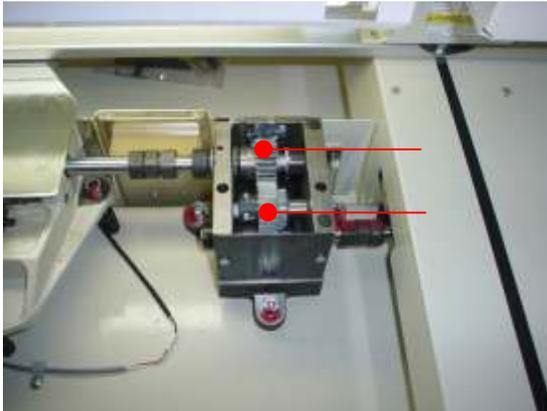
#### Greasing

##### Driving shaft

1. Unscrew four screws fixing the table cover L, and remove the table cover L.



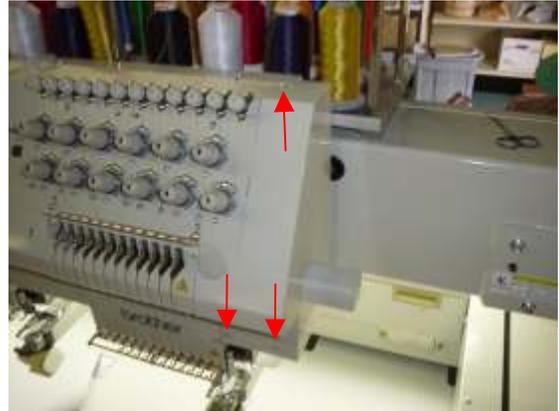
2. Grease the intermediate gears.



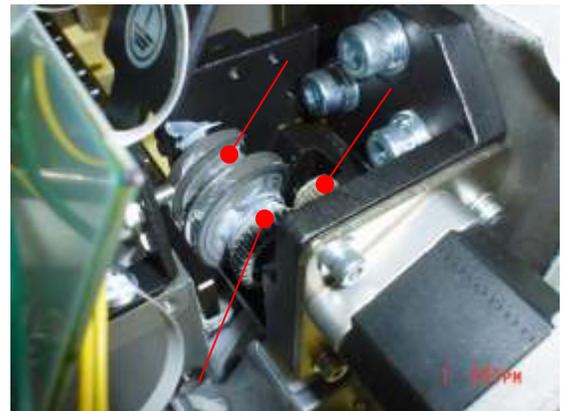
3. Attach the table cover L.

##### Needle bar flip-up mechanism

1. Unscrew three screws fixing the head cover R, and remove the head cover R.



2. Grease all the cam grooves and two gears.



3. Attach the head cover R.



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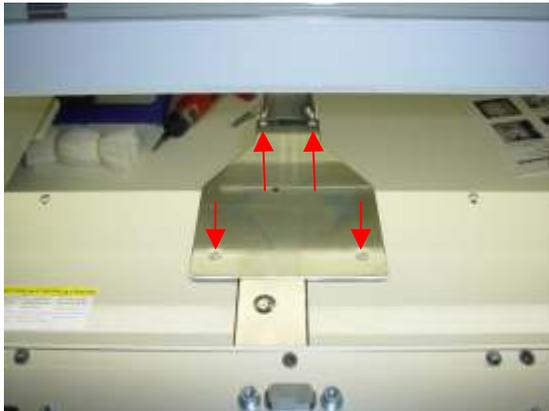
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### 3 Month Maintenance

#### Greasing

#### Lower gear

1. Unscrew the 4 flat head screws fixing the bed cover B, and remove the bed covers B.



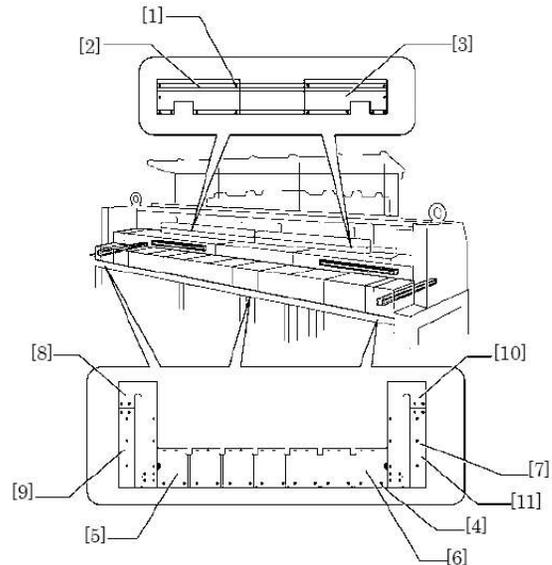
2. Grease the lower gears.



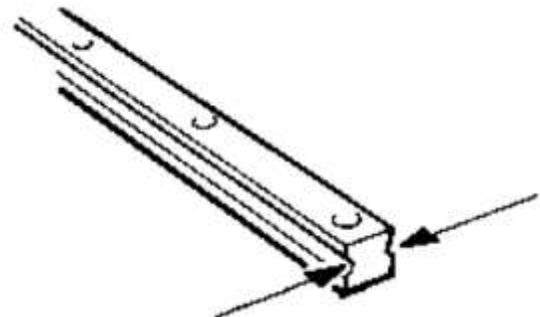
3. Attach the bed covers B.

#### Feed Guide Section

1. Unscrew the screw [1] and remove the X-feed covers R [2] and L [3].  
*Note: For four head models, just remove the X-feed cover R [2] only.*



3. Unscrew the screw [4] and remove the table covers R [5] and L [6].
4. Unscrew the screw [7] and remove the Y-feed covers R front [8], R rear [9], L front [10] and L rear [11].
5. Grease the X-feed linear guide parts (2 positions) and Y-feed linear guide parts (2 positions), and



6. Assemble all the components in the reverse order.