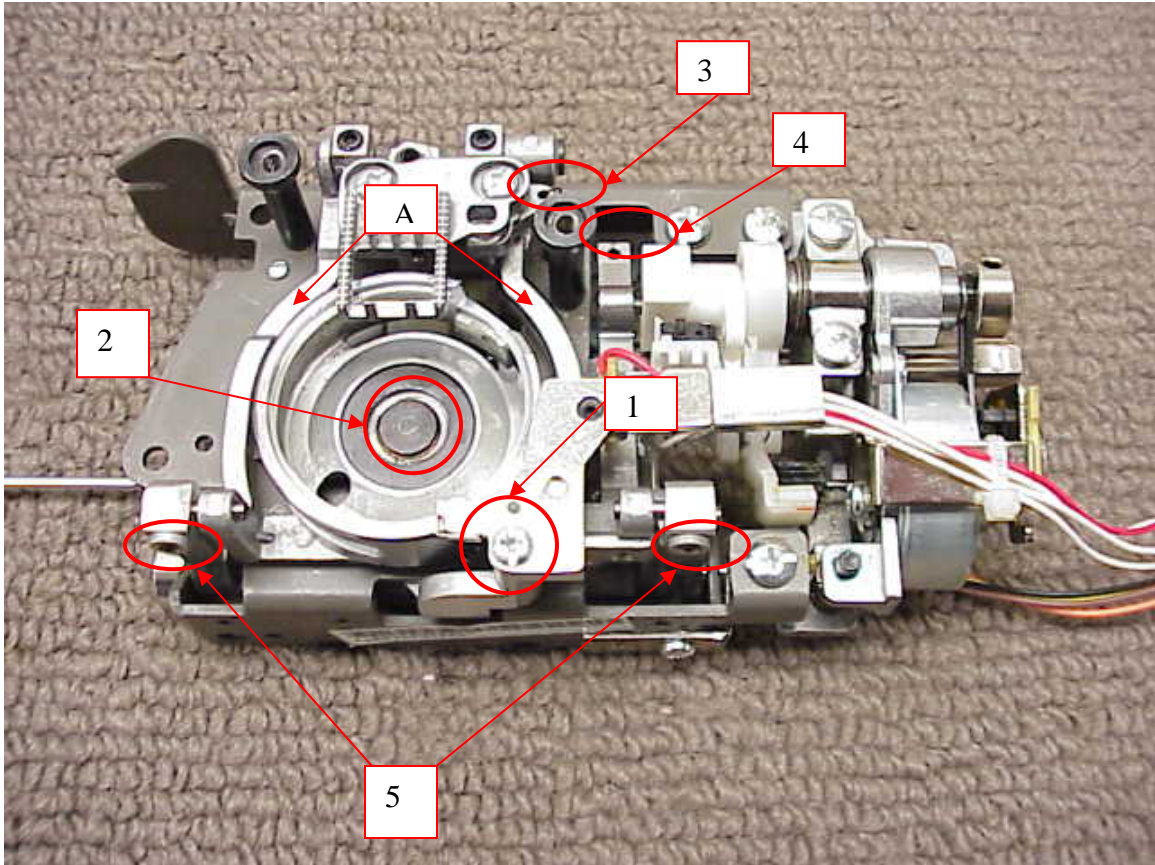
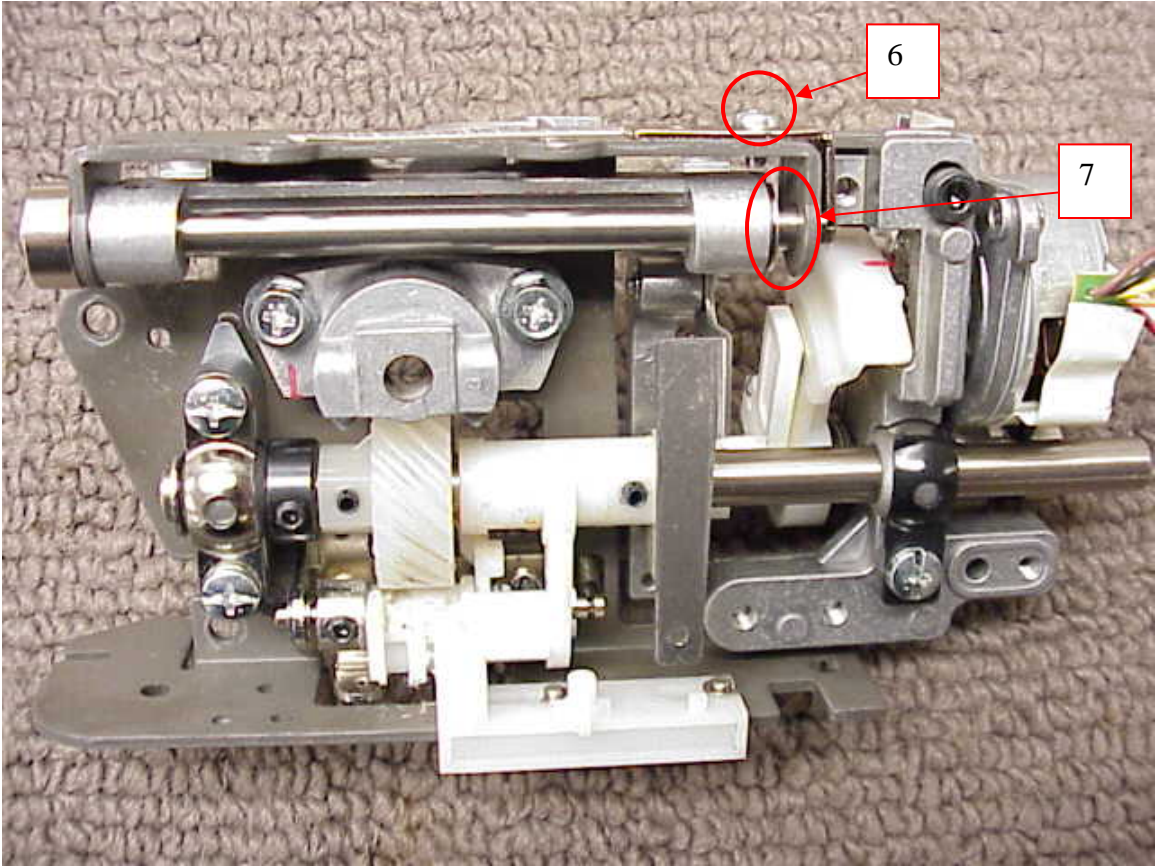


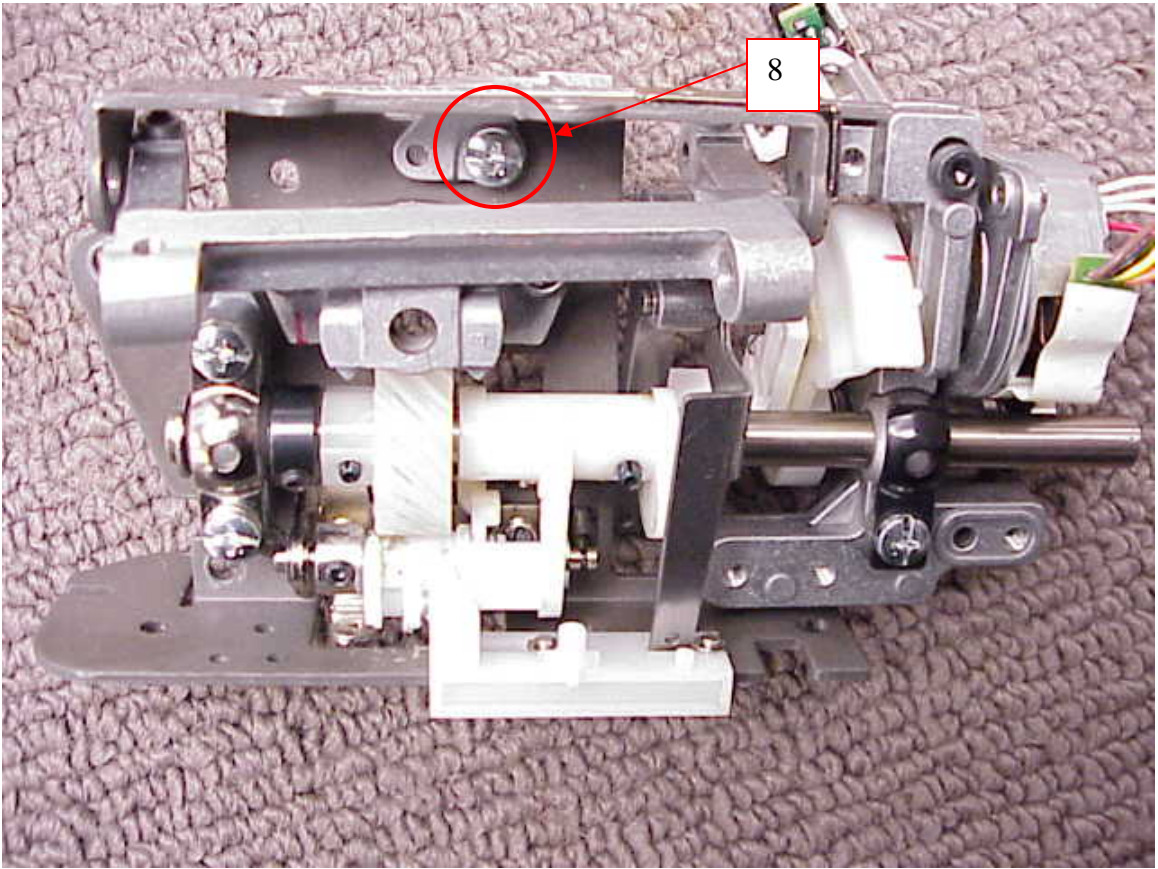
## Feed Module Repair For models BLCC through BLSO



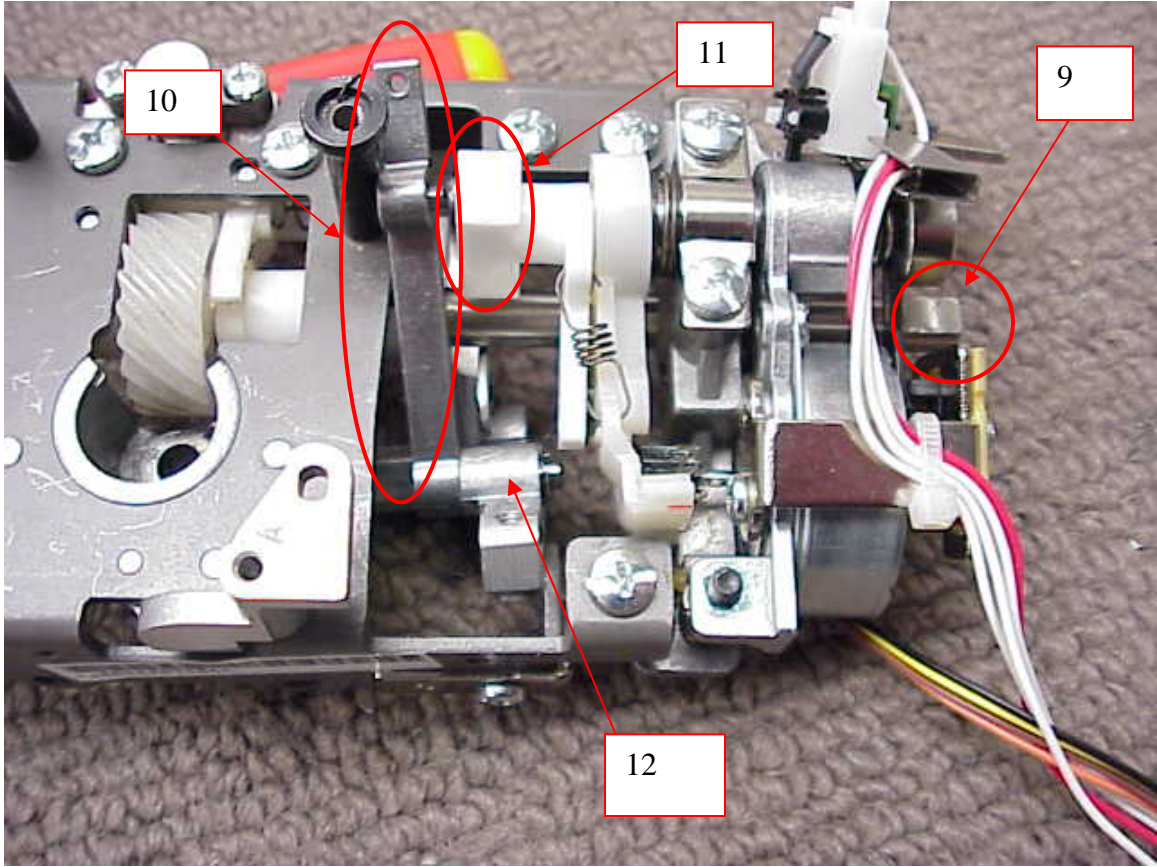
1. Remove the inner rotary hook bracket by removing screw.
2. Remove hook shaft and outer rotary hook.
3. Detach feed spring and attach it to the needle plate post.
4. Detach the feed link spring.
5. Loosen the two allen screws and remove the two feed support pins and remove the feed dog support bracket ( A ).



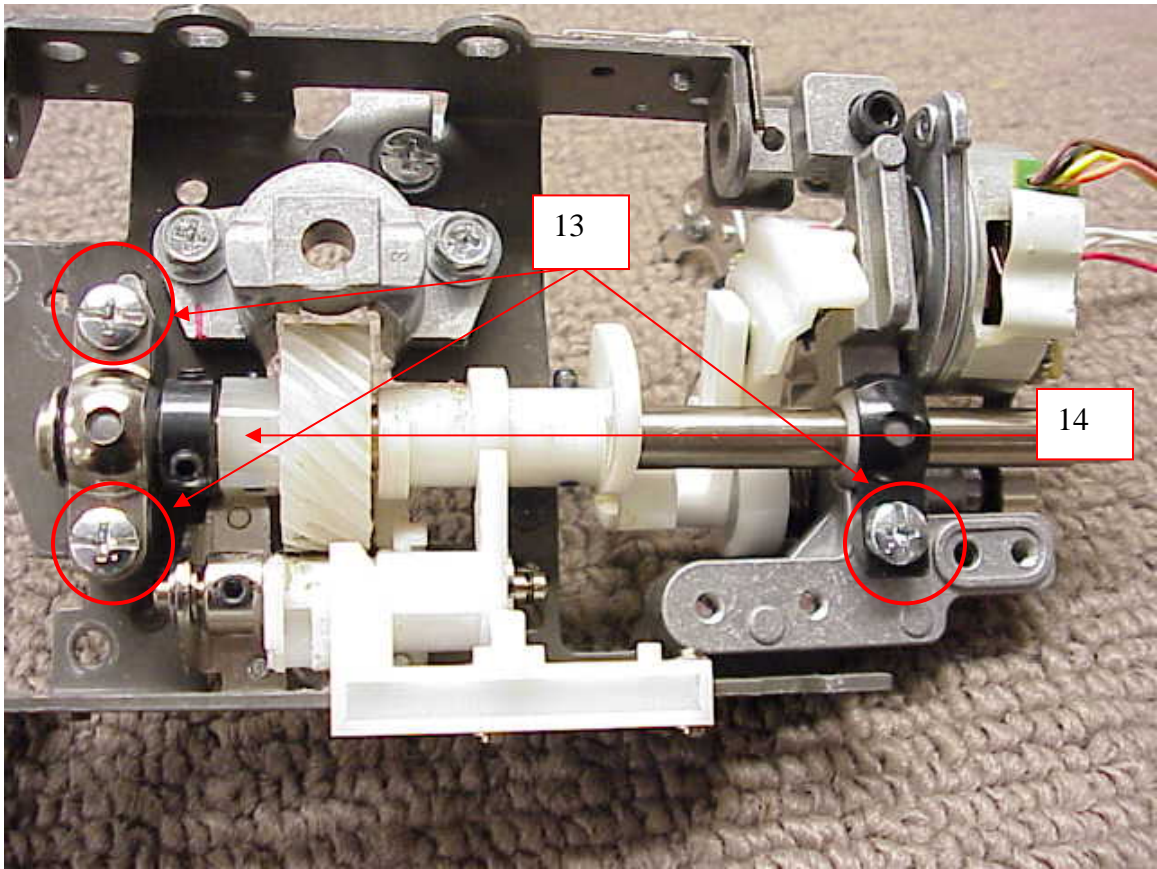
6. With the feed unit upside down, loosen the screw for the support plate.
7. Remove the 'C' clip and remove the feed shaft.



8. Shown below is the locking screw for the stopper plate block assemble.

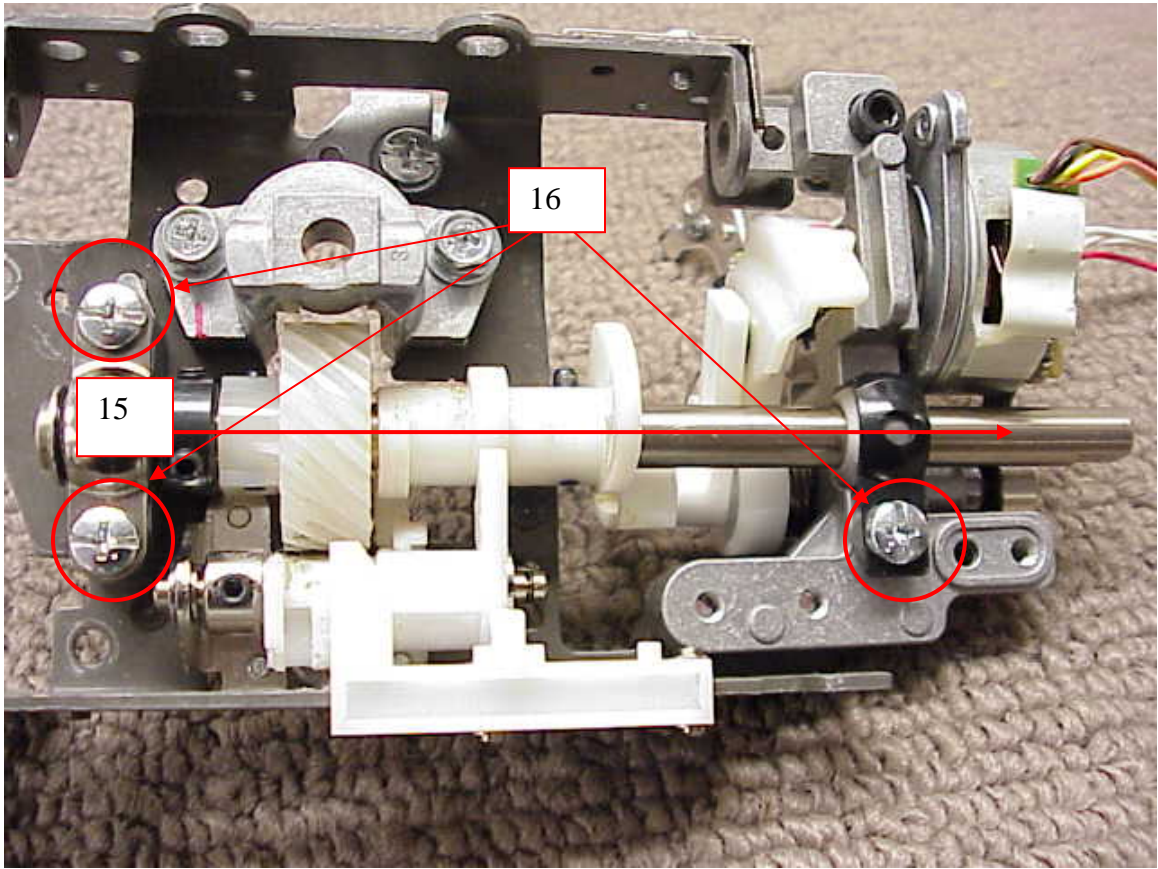


9. Rotate the main shaft so the flat is facing up.
10. Angle the feed arm as shown.
11. Slide the white feed block to the right in order to release the feed arm.
12. Remove the feed link arm from the feed rocker.

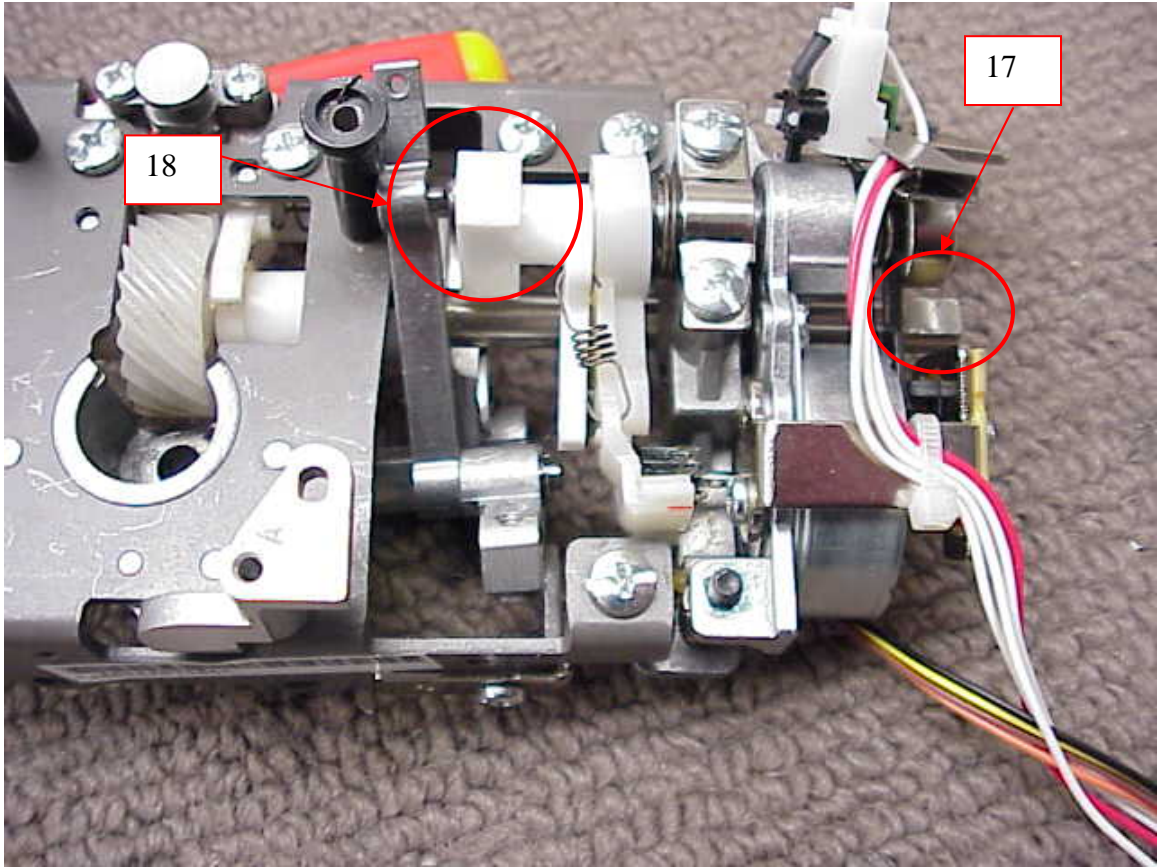


13. To remove the shaft, remove the three screws and the holding plates.
14. Slide the shaft to the left in to remove it.

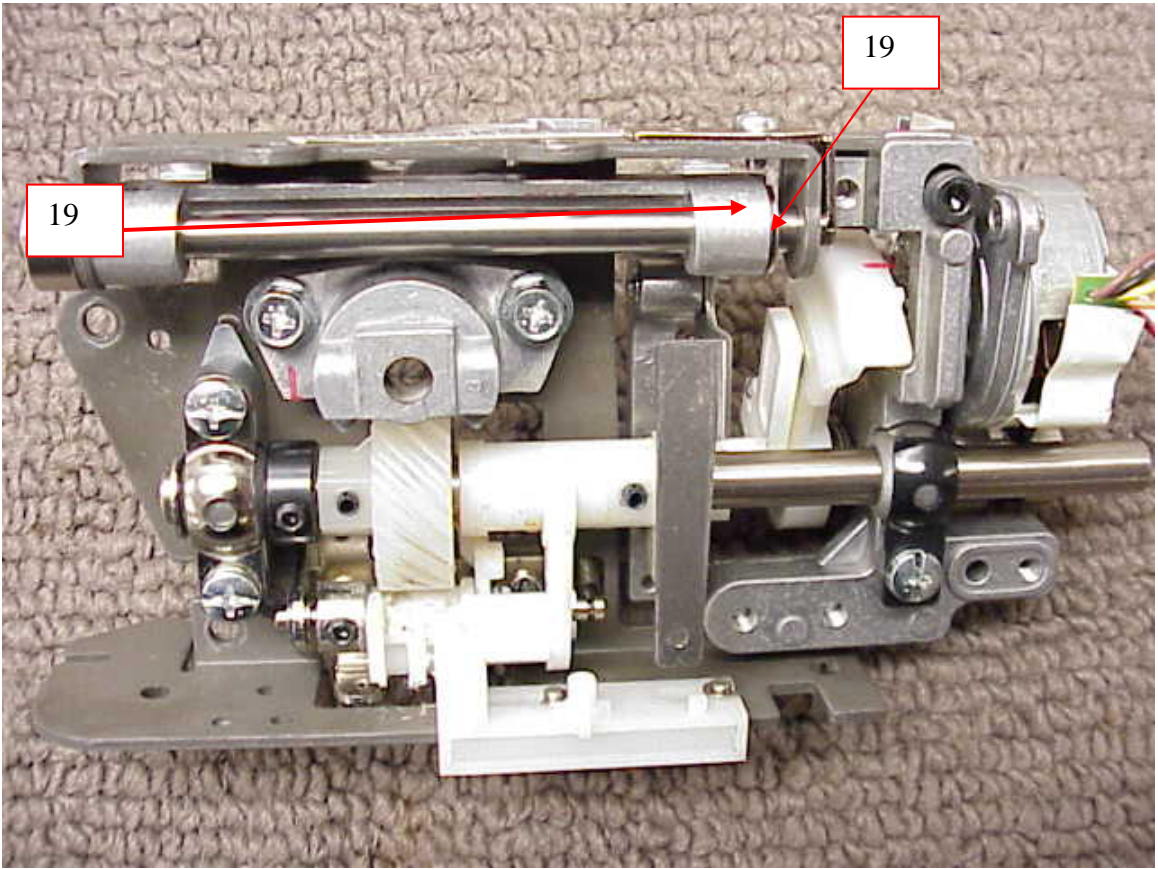
## Assembly



15. Slide the shaft from the left to install it.
16. Install the bushing presser plates and screws.

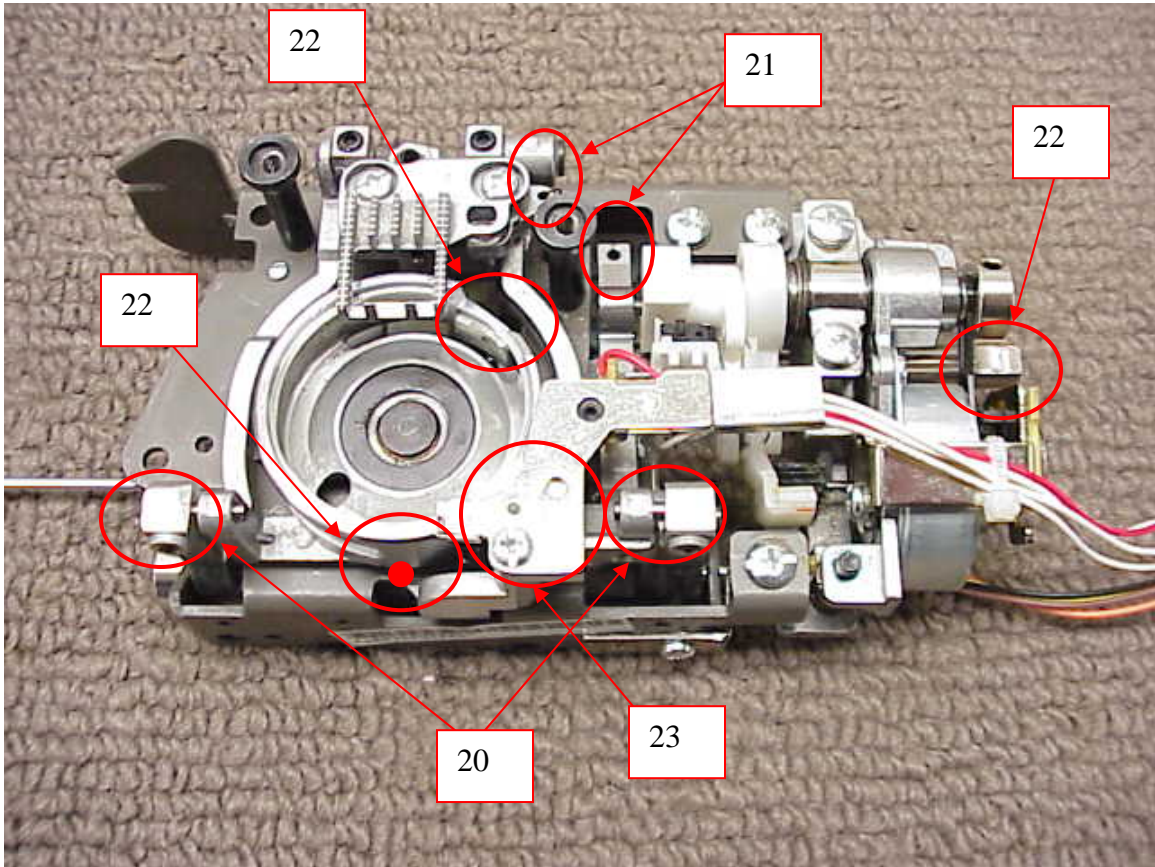


17. Rotate shaft so the flat is facing up.
18. Install the feed arms from the bottom and angle as shown to position the ball into the feed rocker.



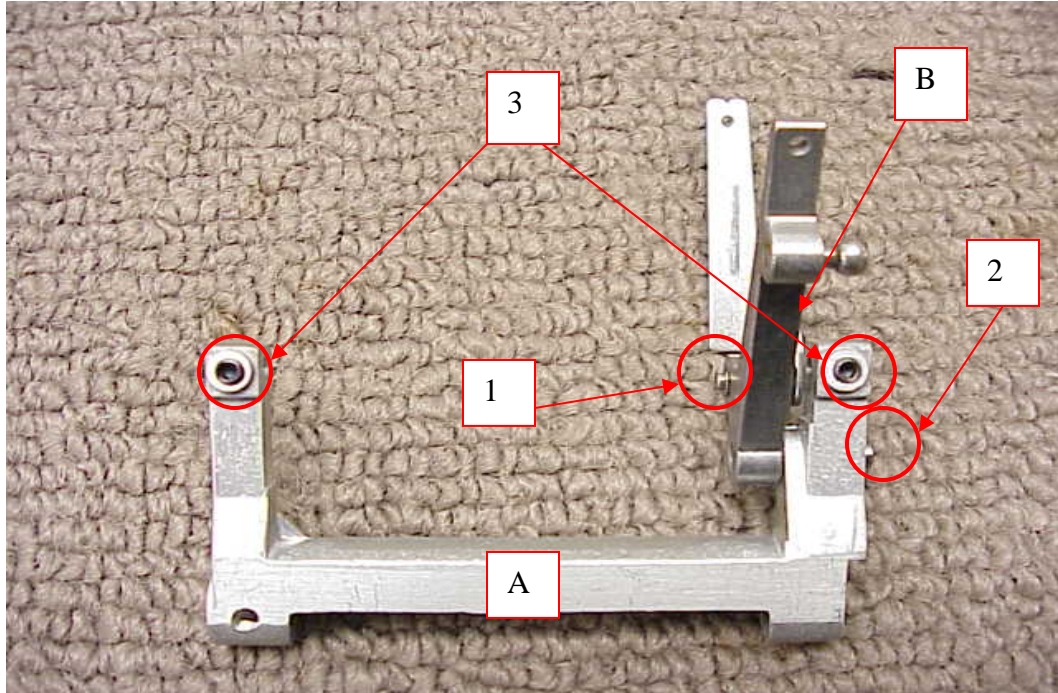
19. Install the feed support shaft, washers, and 'C' clip.





20. Install the feed dog support bracket and secure the two pins (A).
21. Attach the springs to the feed arm and feed links.
22. Install the hook starting off with the flat of the shaft facing up and the hook point at 11:30 position. When the hook drops against the gear it will rotate so timing mark on the hook is facing the front. (The hook tip will be at the 2:00 position when inserted when the flat of the lower shaft it facing up).
23. Install and adjust the position of the rotary hook bracket.

## Feed link replacement



1. Remove the “C” clip for the feed supporting plate.
2. Remove the “C” clip for feed arm “B”, transferring to new parts.
3. Transfer the two allen screws to the new feed arm “A”.
4. When replacing the feed arms or feed supporting plate lubricate shafts with clear oil and a small amount of molykote grease.