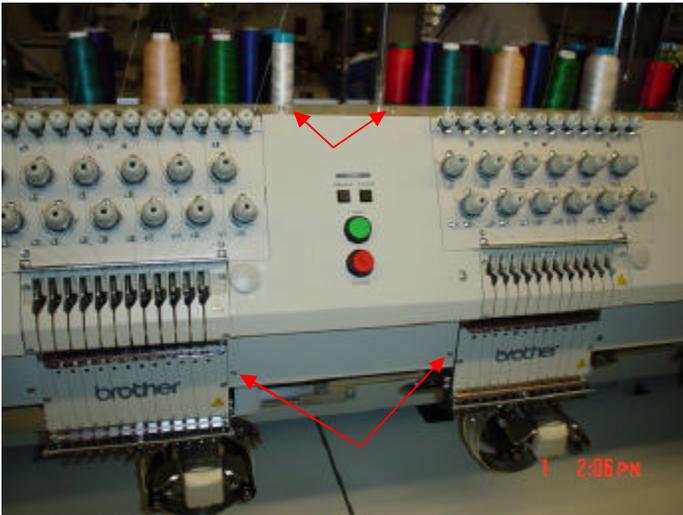
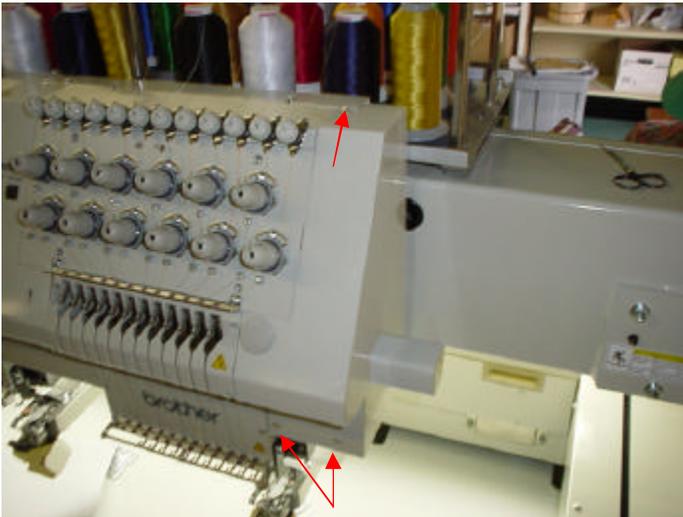


Title: **Changing needle bar cushions**

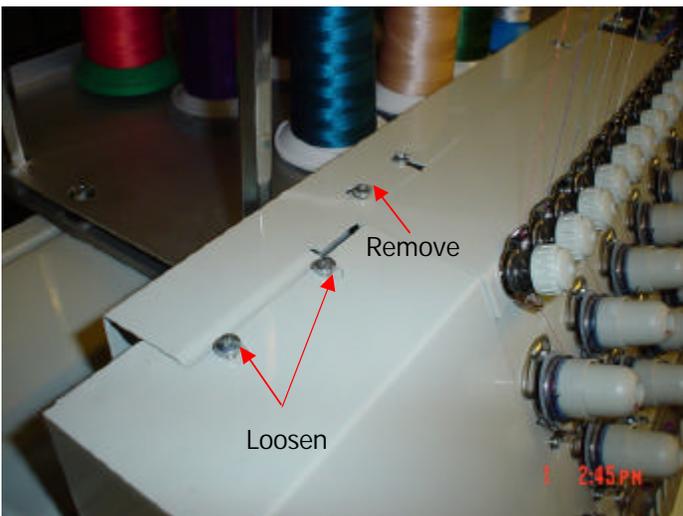
Models: **BE-1204C, BE-1206B**



1. Make sure the machine power is turned off.
2. 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.

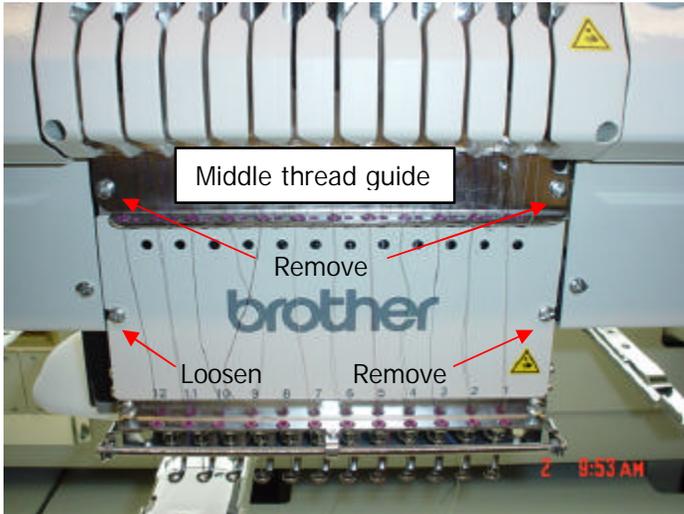


3. Remove the right end cover by removing the two lower screws and loosening the one upper screw.

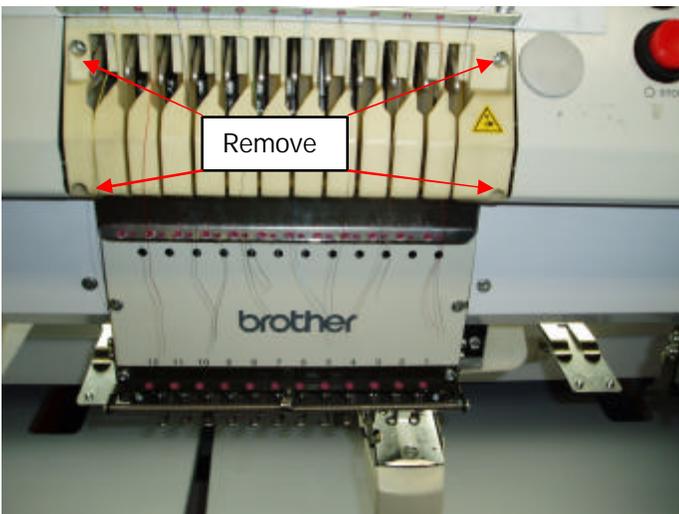


4. Remove the right end cover by removing the two lower screws and loosening two upper screws. Plus removing a screw on the cover behind the head.

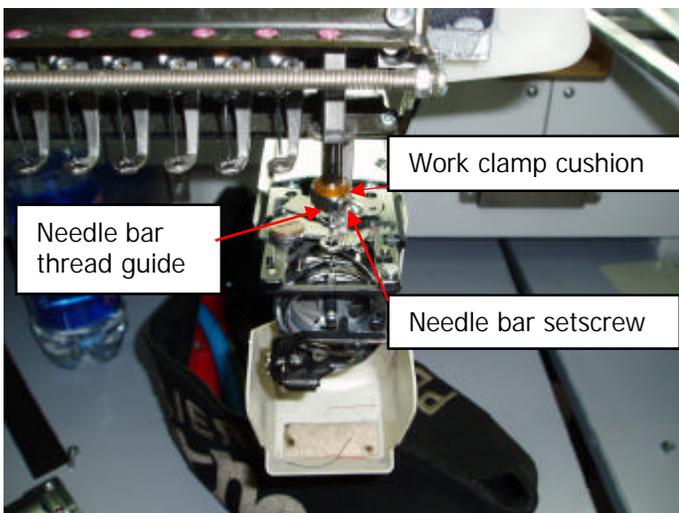
Technical Reference



5. Loosen the screw on the left and remove the screw on the right of the face plate that has the Brother logo on it. Slide the face plate off to the right on each head.
6. Remove the two screws of the middle thread guide and remove the middle thread guide on all heads.

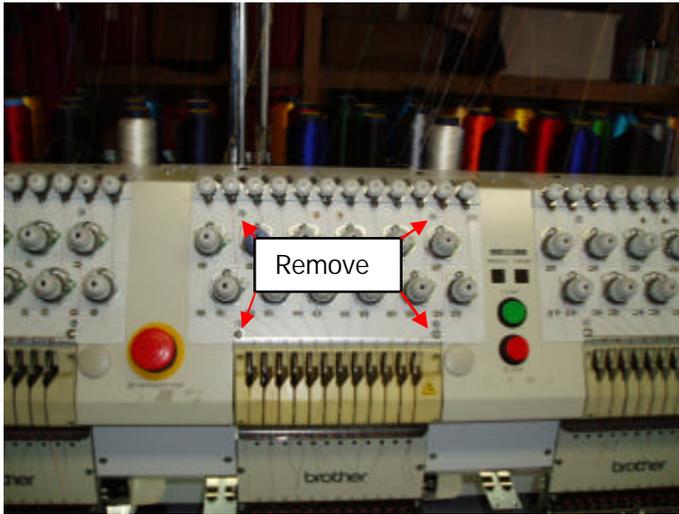


7. Remove the four hex screws from the thread take-up lever cover and remove the cover on all heads.

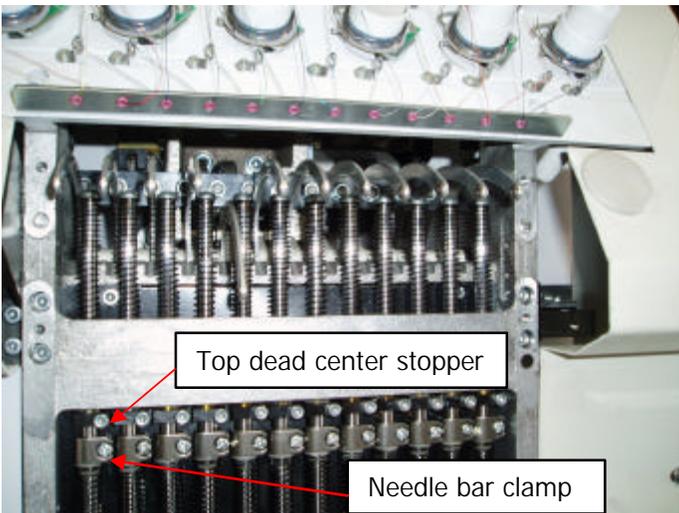


8. Loosen the needle bar setscrews and remove the needles.
9. Now, remove the needle bar setscrews all the way and remove the needle bar thread guides and work clamp cushions.

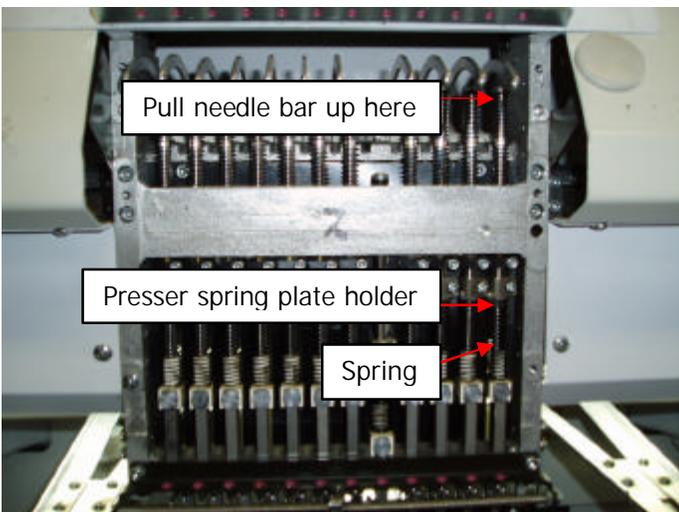
(Note: The work clamp cushion has a groove at the top inside diameter that needs to be facing upward during re-assembly.)



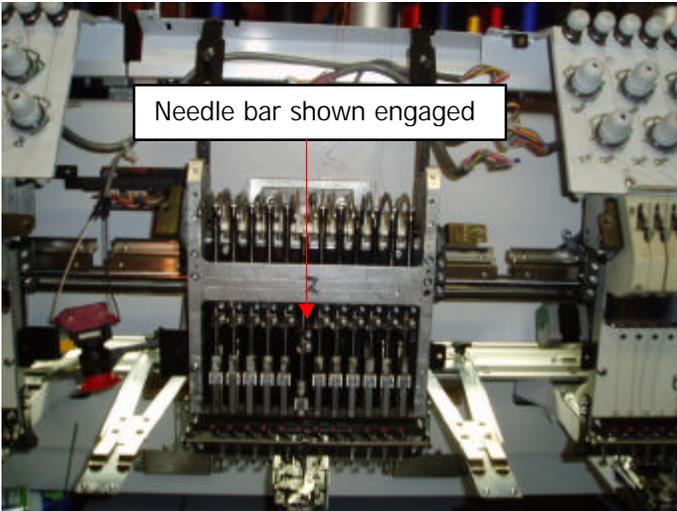
10. Remove the four hex screws securing the tension base. Remove tension base from the machine by disconnecting the harness at the back and the ground wire held on by a screw to the tension base mount.



11. Loosen the top dead center stopper hex screws.
12. Loosen the needle bar clamp screws.



13. Pull needle bar up slowly at the top. As you are doing so, you will need to remove the spring, presser spring plate holder, needle bar clamp, top dead center stopper and finally the needle bar cushion. Do not remove needle bar completely. Pulling the needle bar up until the bottom of it just passes the rubber cushion will be enough.
14. Install new rubber cushion.
15. Slowly lower needle bar down installing the parts removed in step 13 in reverse order.
16. Repeat for all needle bars.
17. Install the parts listed in steps 7 and 8 for all needles.



18. Please see “Adjusting Needle Bar Height” in instruction manual for completing adjustment of each needle bar. (Note: You will need to engage each needle bar by pushing down on the needle bar clamp until it locks in to place before performing the adjustment.
19. Assembly machine in reverse order.