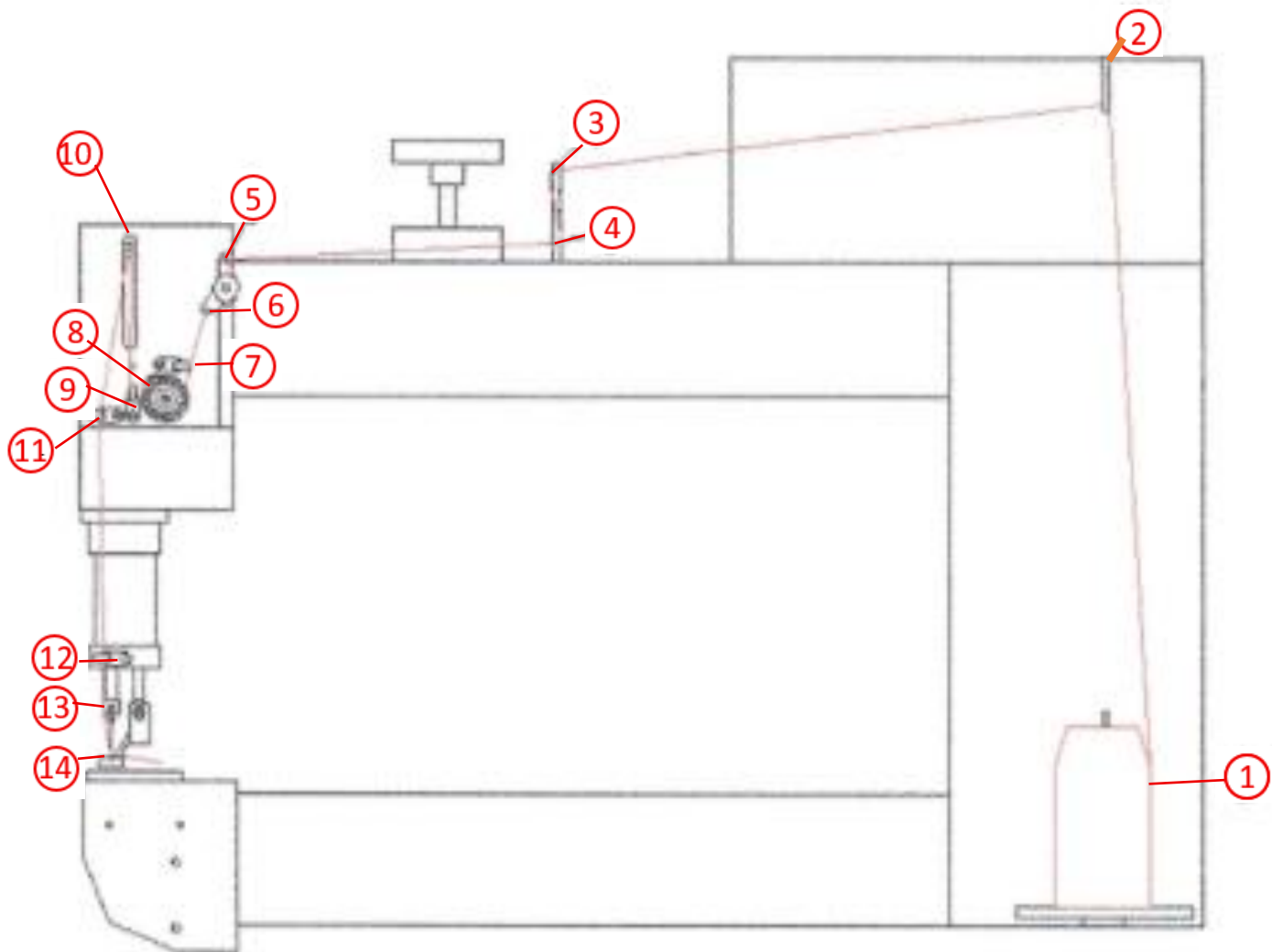
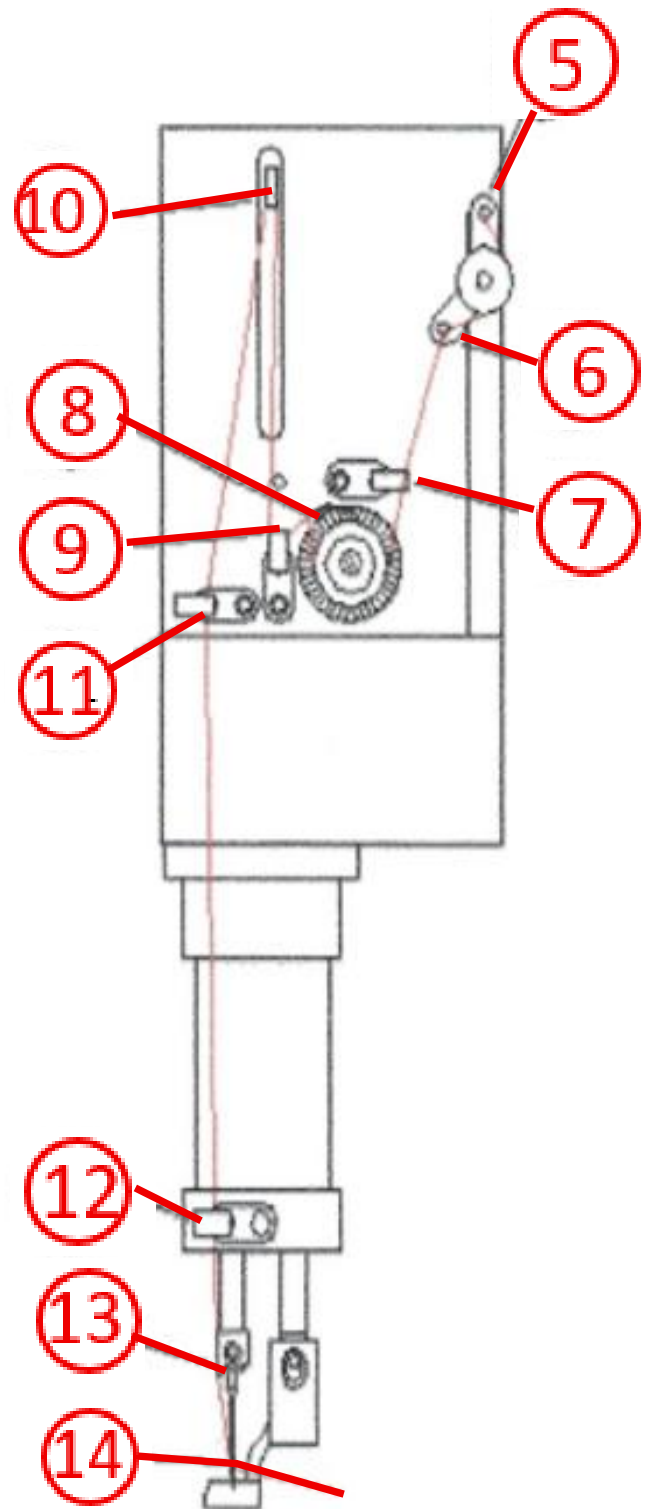




1. Pull thread from the cone
2. Pass thread through upper thread guide on motor cover. **MAKE SURE THE THREAD GUIDE IS POSITIONED DIRECTLY OVER THE CENTER OF THE CONE OF THREAD.**
3. Pass thread through upper front hole of thread post. Thread should go through the hole from right to the left.
4. Bring thread around the post and back into the bottom back hole of the thread post. Thread should go through the hole from right to left.

5. Pass thread through the upper thread guide of the pre-tension
6. Bring the thread clockwise around the back of the pre-tension disc and pass through the lower thread guide hole of the pre-tension. NOTE: DO NOT WRAP THE TREAD COMPLETELY AROUND THE DISC. THE THREAD SHOULD TRAVEL FROM THE TOP HOLE TO THE BOTTOM HOLE AND PASS TROUGH THE DISCS ON THE **RIGHT** SIDE ONLY.
7. Pass the thread through thread guide
8. Wrap the thread completely around the rotary tension assembly **2 ¾ times clockwise**. Pass thread over check spring.
9. Pass the thread under thread guide.
10. Pass thread through the take-up finger making sure the thread runs from right to left.
11. Pass the thread through the thread guide.
12. Pass the thread through the thread guide at the bottom of the needle bar bushing.



13. Pass the thread through the needle bar thread guide located at the end of the needle bar.
14. Insert thread through the eye of the needle from left to right. Pull thread to check for proper threading. As the thread is pulled through the needle, the check spring #8 should move and thread should pull from cone #1.