**TechTips**  
For HAPPY HCH-701 Journey

**Thread Guide**
Follow this guide to properly route each of the 7 threads through the moving head on a Happy HCH-701 7-needle Journey machine. NOTE: after threading as shown, pull thread slowly downwards through eye of needle and ensure that **thread break detection wheel and lower tension wheel both turn smoothly**, and that the **thread tension feels smooth and even**.

---

**Upper tensioner**: ½ turn counterclockwise around post, must pass between metal disks.

**Thread break sensor wheel**: ½ turn counter clockwise, must sit in the groove of this black rubberwheel

**Lower tension knob**: thread runs 1 full turn clockwise in the groove of the metal wheel, then through the metal hook just below it.

**Above the take-up lever**: thread passes through the hook, then under the spring-loaded guide plate

**Path through the Take-up lever**: Thread generally flows from right to left, first going down on the right side of the slot (follow the blue arrow decal on the front of the head), then curving up to the left around the rectangular plastic guide and straight up to the take up lever, passing through its eye from right to left, and finally down into the same slot it came up through, on the way down to the needle. The small red arrows on the left show the path of the thread through this area.

**Down through this pink guide**: This helps guide the thread smoothly, directly down to the needle. (It’s easy for new operators to miss this and just run it straight from the take-up lever to the needle. Make sure the thread passes through this hole first before the needle.)

**Thread the needle from front to back**: (Note: Make sure the eye of the needle is front-back or the needle is turned so that the eye is just slightly right of center as you look at it, for better results.)

**Thread holding spring**: Do NOT leave the thread simply hanging from the eye of the needle. Pull it upwards enough to remove any slack in the thread between the cone and the needle, and tuck the end into the this spring.