DM Picker Roller Test

Product

Magnus VLF MCU

Background

Use this procedure to check the operation of the Delicate Media (DM) picker rollers.

Procedure

1. Turn the safety override switch on the MCU to the **Interlock Override** position.
2. Move the cassette to the pick position. Type:
   >>cassette position 1
   >>picker slider SS pick
   >>picker roller down pick

   The rollers should be at the bottom of the cassette or on the plates if plates are present in the cassette.
3. Open the Slipsheet Removal (SSR) bin door at the front of the device.
4. Remove the SSR bin.
5. Open the SSR top cover.
6. Open the SSR rear service access door and lower the service access panel.
7. Switch the DM picker test box to **Test**.



Figure 1: DM picker test box

8. Disconnect the roller sensor cable from the **Auto** connector and connect it to the **Test** connector. The Home LED on the test box should be lit.

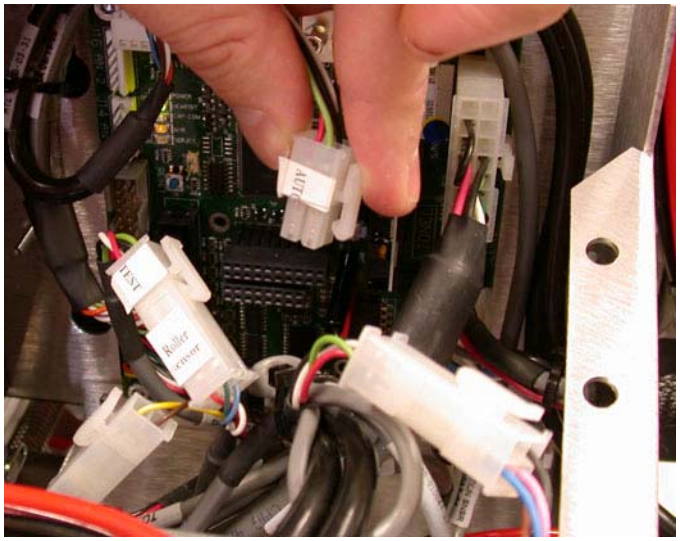


Figure 2: Connecting the roller sensor cable to the Test connector

9. Hold the switch in the **Away** position until the Away LED comes on then release the switch. Watch the rollers for smooth movement while they are rolling to the away position.

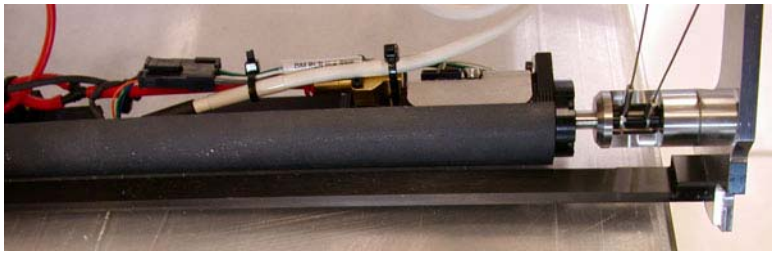


Figure 3: Roller in the Away position.

- If the Away LED on the test box does not come on, replace the roller sensor cable.

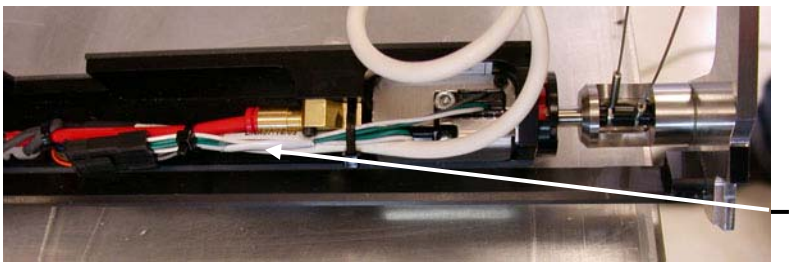


Figure 4: Roller sensor cable

- If the roller motor does not turn, check for 5 V on the motor connector. If the voltage is there, then replace the motor.

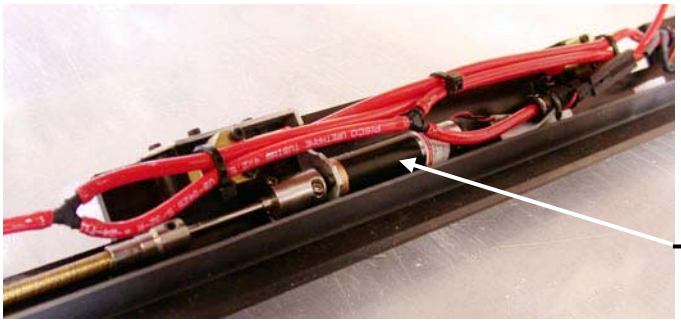


Figure 5: Roller motor and couplings

- If the motor turns but the rollers do not turn, check the motor to roller couplings.

10. Switch the test box to **Home** and **Auto**.
11. Disconnect the roller sensor cable from the **Test** connector and connect it to the **Auto** connector.
12. Type:
    >>picker roller up
    >>picker slider home
13. Turn the safety override switch on the MCU to the **Normal Operation** position.

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