

4. Turn the system on and launch the AVDIAG program from the PC.
5. Enter TEST and select Selectable Test.
6. Select Media Test and set Test Mode to run ten (10) continuous passes.
7. Select either Spd. Motor A/2 or Spd. Motor B/1, whichever motor was replaced, and press ENTER.

The supply cassette motor should run and pass the test.

5.6.3 Supply Jam Sensor/Media Present Detector

Tools Required: 1/4" nut driver, screwdriver

Remove:

1. Unload the media from the system.
2. Open the top cover and pull up the supply light shield cover.
3. Remove the supply cassettes.
4. Open the right side covers. Refer to Section 5.2.1.
5. Pull out the rear panel using the handle.
6. Lift up the rear panel from the system.
7. Remove the supply upper platen by lifting and turning the six (6) plastic knobs (three on each side).
8. Using the handle, remove the upper platen from the system.

The jam sensor will be exposed. Refer to Figure 5-30.

9. Remove the two (2) 1/4" hex screws securing the plate that exposes the back of the sensor assembly below the lower supply cassette roller.
10. Remove the jam sensor connector from the supply SDM board J3.
11. Remove the media present sensor connector from the supply SDM board (J4).
12. Using a 1/4" wrench, remove the two (2) bottom 1/4 " hex screws securing the supply side jam and media present sensor assembly to the engine base.
13. Pull out the assembly slightly and remove the connectors going to the jam sensor and the media present sensor.
14. Pull the assembly from the system.
15. Remove the screw attaching each of the defective sensors. No alignment is required when either sensor is replaced in the assembly.

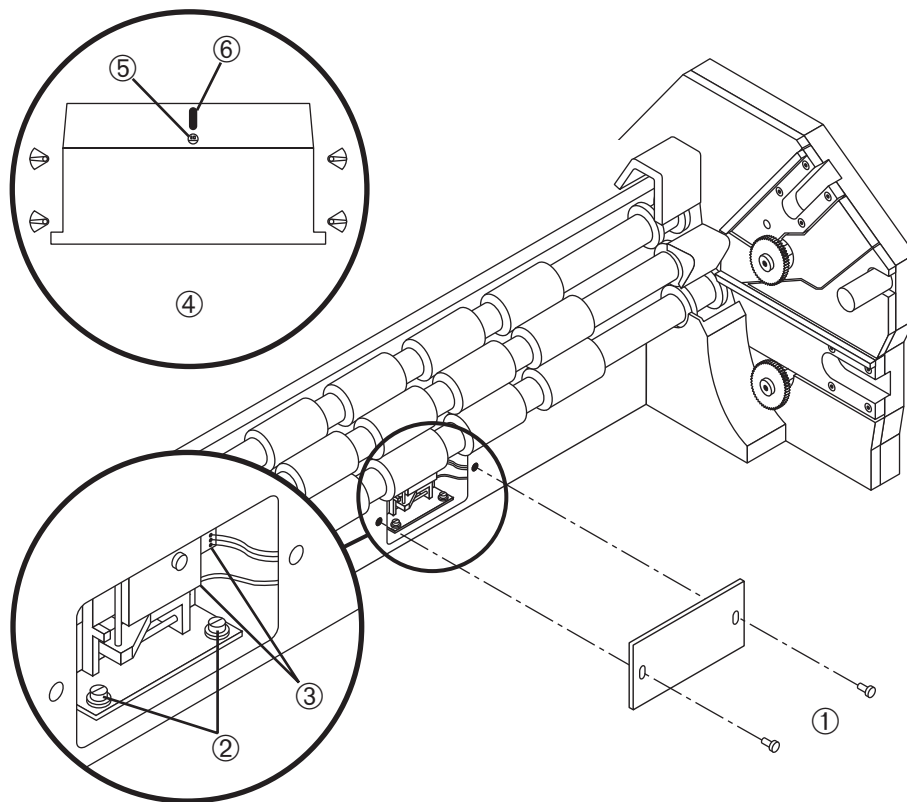


Figure 5-30 Supply jam sensor/media present detector.

- ①—1/4" hex screws (2) securing cover plate to system.
- ②—1/4" hex screws (2) securing sensor and detector to engine base.
- ③—Location of the media present detector.
- ④—View from rear with rear panel and supply upper platen removed.
- ⑤—Location of the media present detector.
- ⑥—Location of the jam sensor wheel.

Replace:

1. Reconnect the cables going to the jam and media present sensors and to the supply SDM board. Refer to Steps 10, 11 and 13 in the removal section.
2. When installing the assembly, push it forward as far as possible.
Make sure that the assembly is straight and not cocked. Also check to make sure that the jam sensor wheel is in the center of its slot and does not hit the sides as it rotates.
3. Reverse the removal procedure starting with Step 12.
4. Turn the system on and launch the AVDIAG program from your PC.
5. Select Align.

6. Select Display Sensors.

The complete system sensors configuration (on/off) mode should be displayed on your PC.

7. Check the jam sensor by moving the jam sensor wheel and looking at your PC for an on/off transition.

You should also see an on/off transition occur when you cover the media present sensor.

5.6.4 Outer Take-up Drive Assembly

Tools Required: Screwdriver

Remove:

1. Unload the media and turn the system off.
2. Open the top cover.
3. Open the right and left side covers on the bottom. Refer to Section 5.2.1.
4. Remove the bottom front cover by pushing out at the top and then lifting up. Refer to Figure 5-31.
5. Remove the two thumb nuts below the take-up cassette platform, securing the light shield for the outer take-up drive assembly.
6. Disconnect the nip solenoid connector.
7. On the outer take-up drive assembly loosen the four metal thumb screws (screwdriver may be required).
8. Remove the outer take-up drive assembly from the system.