

Printware

[SOS/SOT Sensor Alignment]

Applicable Products: All PlateStream Platesetters

Parts in kit: None

Tools required: 1/16"; 5/64" and 3/32" Allen wrenches

Procedure: Follow this to make sure you have the proper alignment of the SOS/SOT sensors. Without proper alignment the Galvo Initialization and/or Scan Point will continuously go from 0 to 7.

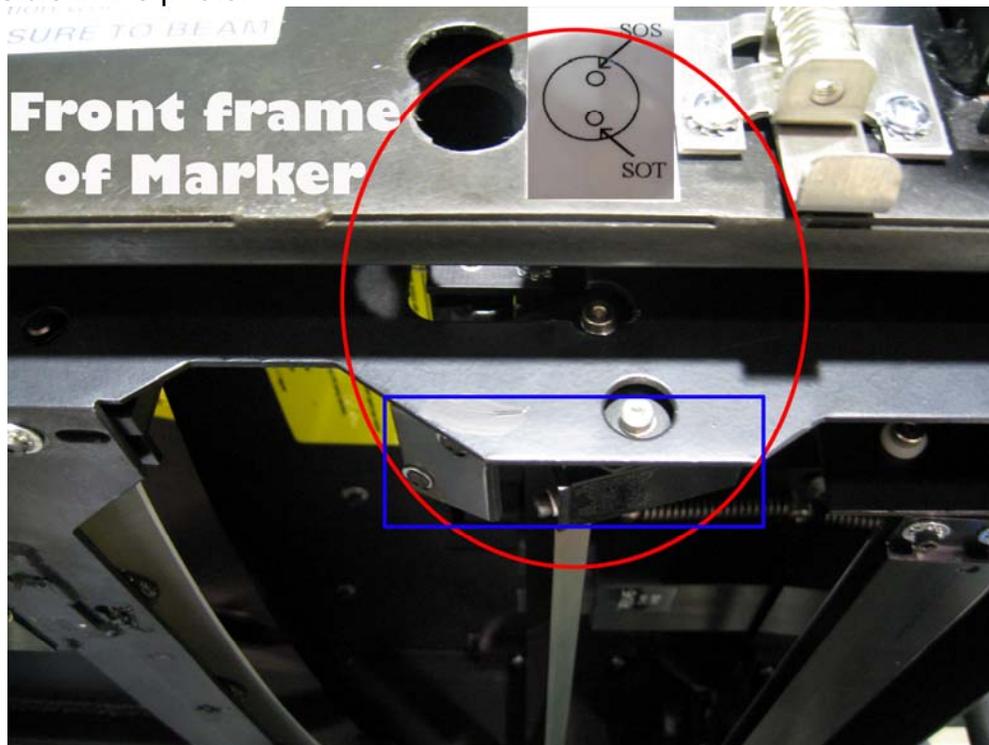
Step 1: Remove the Marker Cover to Access the SOS/SOT Sensors

1. Start by making sure the power on the PlateStream is **OFF**.
2. Raise the marker and remove the 4 - 1/16" screws (indicated in red) and the 2 - 3/32" screws (indicated in blue) which hold the marker cover secure.

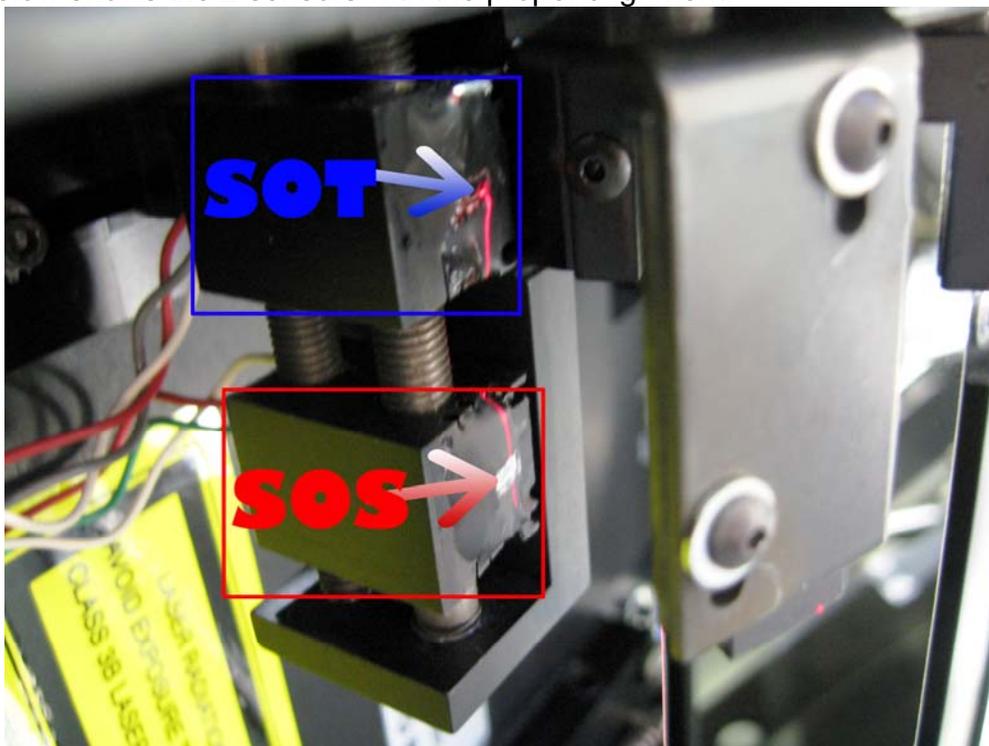


Step 2: Locating and Adjusting the SOS/SOT Sensors

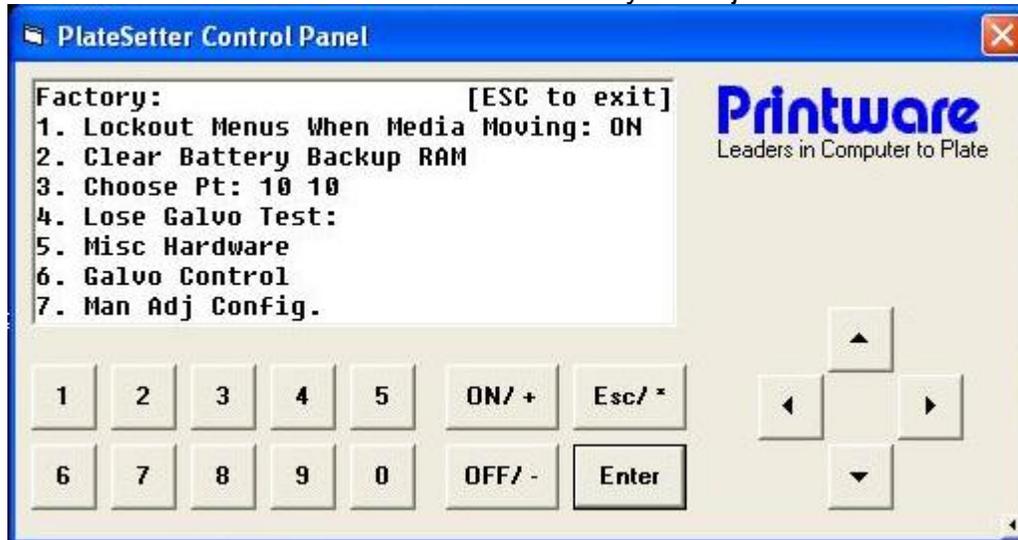
1. Use the photo below to locate the SOS/SOT assembly. The red indicates the area of the whole assembly and the blue indicates part of the assembly that is visible in the photo.



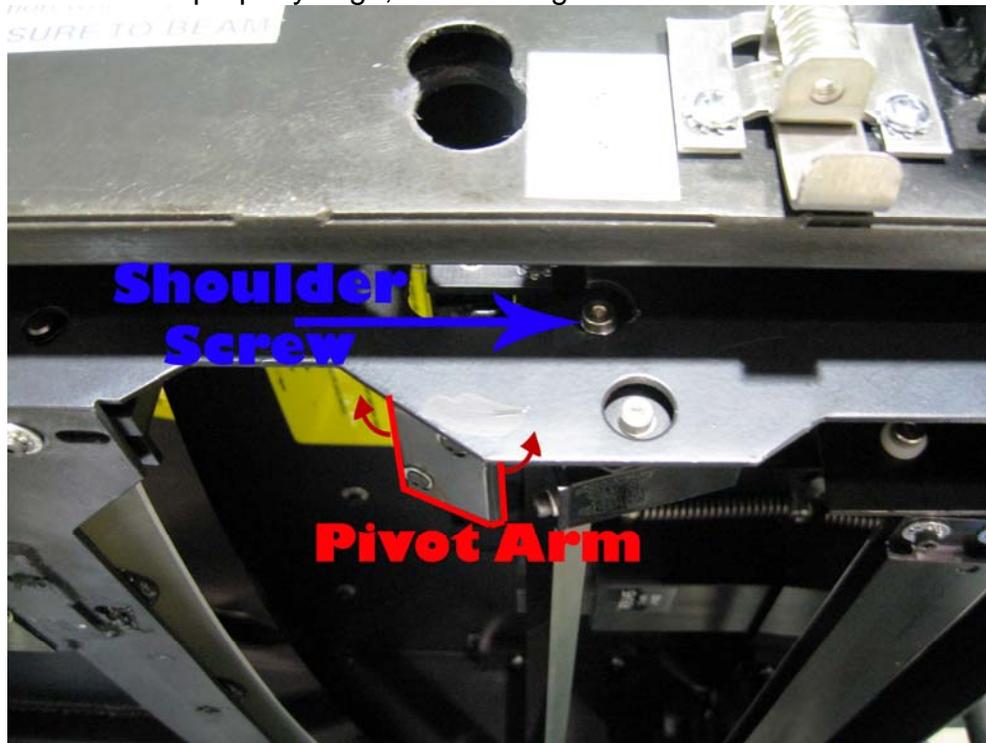
2. Once the assembly is located, the 2 sensors need to be identified. The photo below shows the 2 sensors with the proper alignment.



3. The laser needs to hit the 2 sensors as shown in the previous photo. If you do not see the laser, you can activate it from the PlateStream Control Panel. From the Control Panel main menu, hit the code below in proper sequence to get into the Factory Menu.
 - a. Factory Menu Code: **7, up arrow, right arrow, down arrow and left arrow.**
 - b. If you are unsuccessful to get into the Factory Menu, ESC back to the Main Menu and try again.
 - c. Once you get into the Factory Menu change #3 Choose Pt. from 10 to 7. This will make the laser visible to make your adjustment.

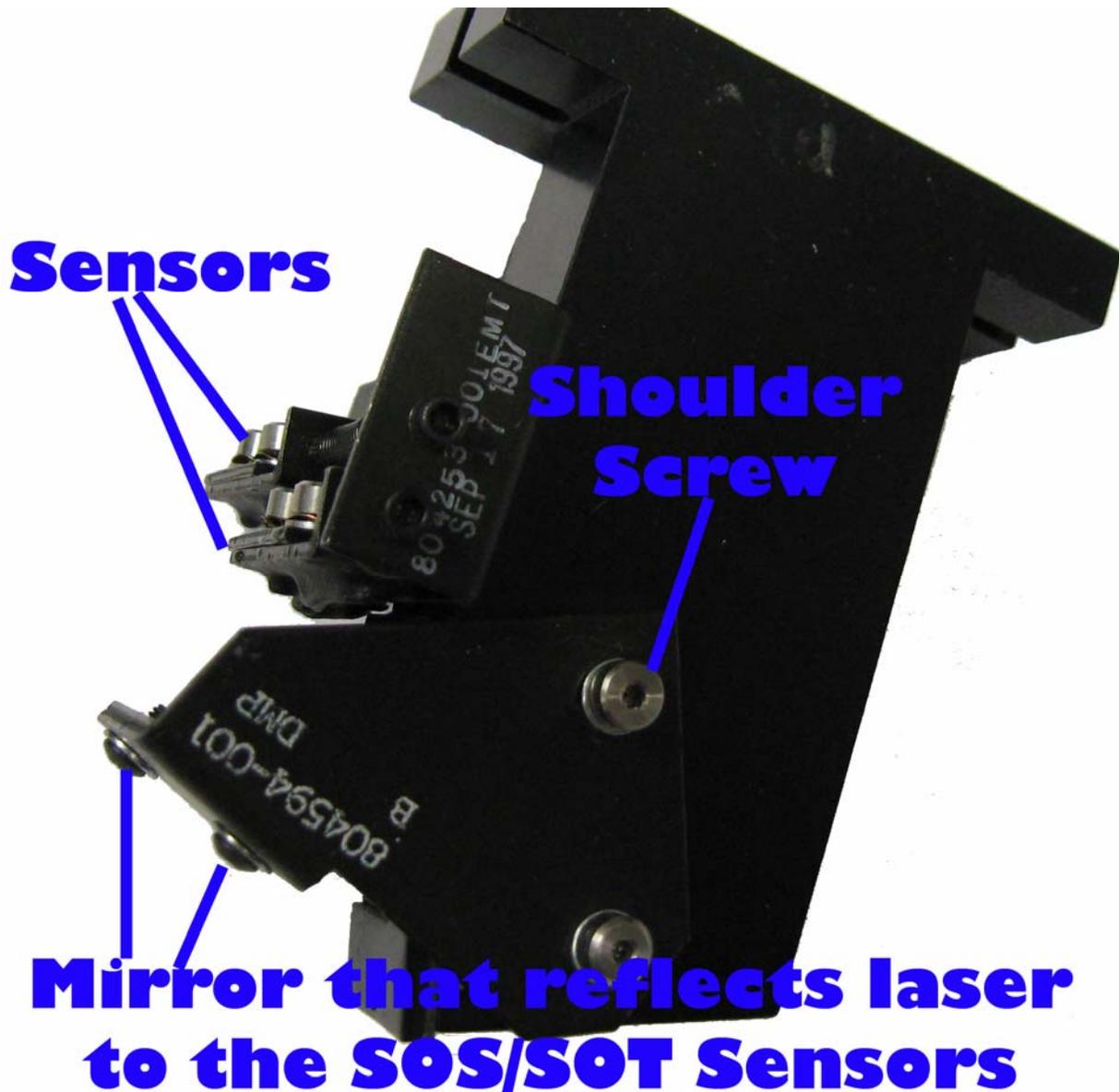


4. With the laser visible, loosen the 5/64" screw. This will allow you to pivot the whole arm with the mirror that reflects the laser to the sensors. Adjust this arm until the sensors properly align, and then tighten the 5/64" shoulder screw.



5. Cycle power the PlateStream and let the Galvo Initialization come up to verify power startup sequence.
6. Secure the marker cover by replacing the 4 – 1/16” and the 2 – 3/32” screws.

This shows a SOS/SOT assembly removed from the marker with the relevant parts labeled:



If there are any difficulties please call Printware Customer Service at
1-800-456-1400 *2

