xxx-00XXX PROCEDURE
Error: Registration system not detecting plate

1. BACKGROUND:

The Magnus device has an inconsistent system for detecting the plate being against the registration pins. This error causes the device think the plate is not registered and thus will not complete the load cycle to the imaging engine; this error does not result in a poorly imaged plate, it results in a rejected plate from the imaging device. Sometimes it may take a few resume's to get the device to recognize the plate in the registration pins on the engine; other is forces a release of the plate.

In this procedure we are going to attempt to reduce the number of times the device gives us this error and a few others including: stepper failed to reach sensor, load table failed to register plate, registration failed, and registration continuity check failed.

If this procedure does not help and the errors persist at a relatively low rate <5% of plates on a random basis then let Magnus Product Development or the Response Center know.

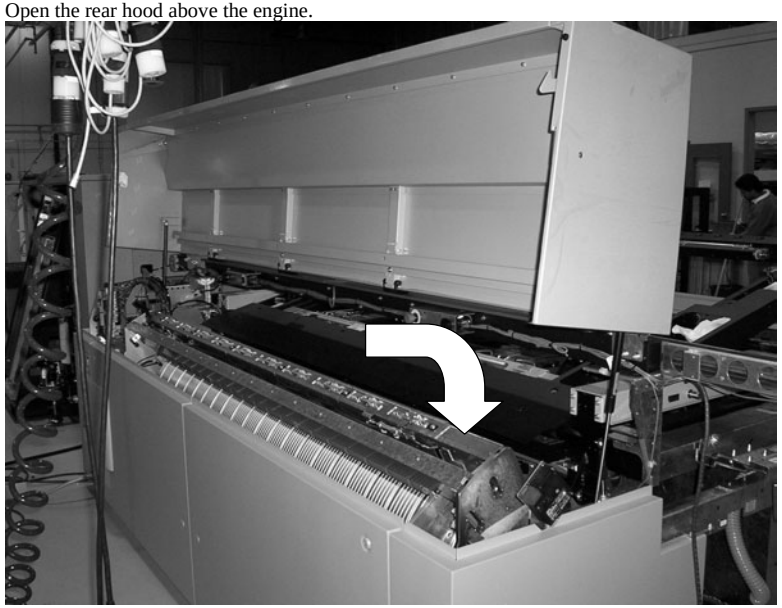
2. TOOLS REQUIRED:

Sand paper

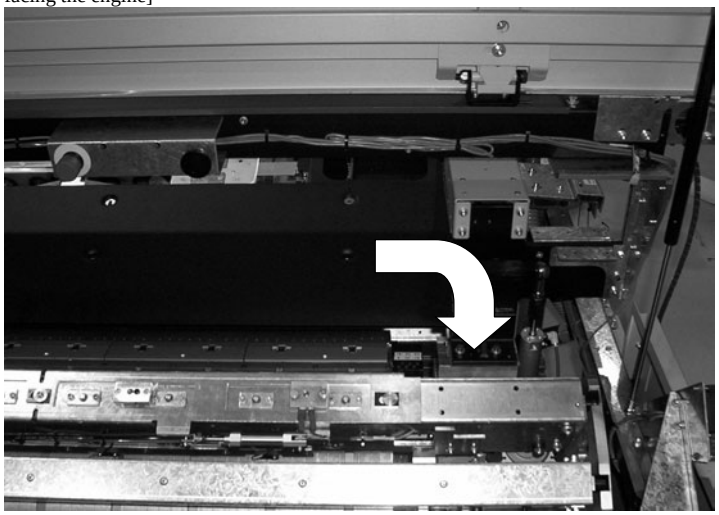
3. PROCEDURE:

1. Ensure the device is powered and initialized.
2. Ensure the Backbone is up. <lec off>
3. Ensure the roller is up. <roller off>
4. Rotate the drum to 97 deg. <drum move 97>
5. Move the backbone to the tilted load position. <backbone tiltedload>
6. Unlock the panels.

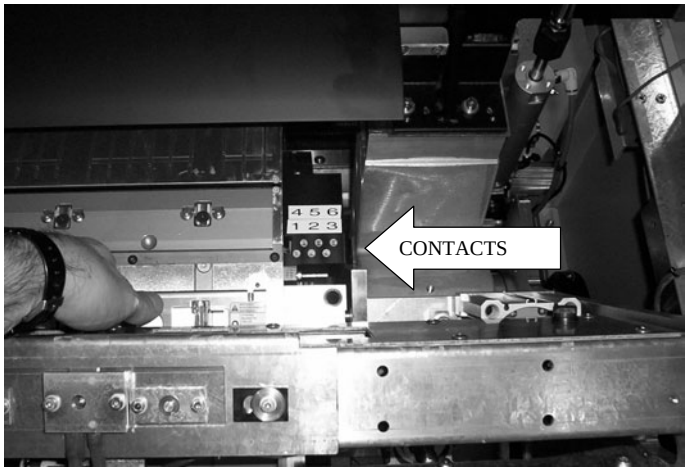
7. Open the rear hood above the engine.



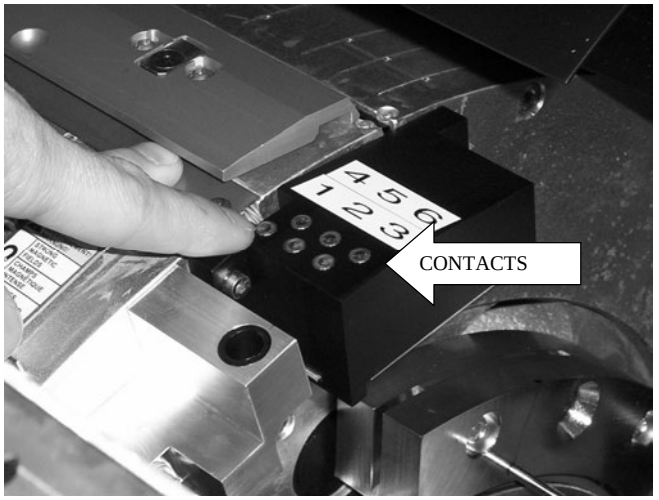
8. Move to the home side of the engine. [right hand side if standing behind machine facing the engine]



9. Look over the backbone. You should see the registration contact block assembly on the side of the engine. If you do not you will need to rotate the engine by hand [it is easy] to move the contact block into view.



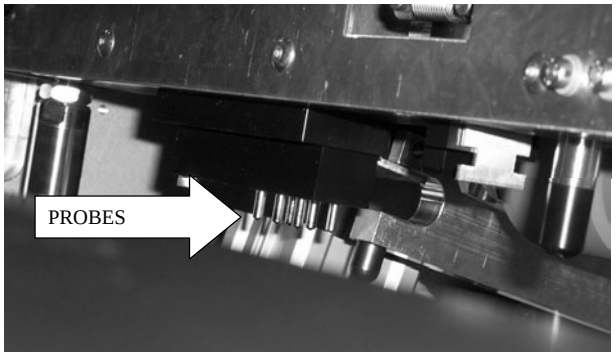
10. Take some emery cloth or light sand paper [200 grit] and lightly sand the surface of the six metal portions of the contact block. Clean the area with a clean dry rag.



11. Now look under the backbone for the registration probe assembly. It is right under the backbone in a position that will line up with the registration contact block assembly during the LEC operation.

    a) Now exercise each pin by hand up and down. You should be able to with your finger. Each pin should feel like it has the same resistance to motion.

    b) Also rotate each pin a little bit. This will help to generate a better contact inside the probe assembly.



12. Now close the rear hood.
13. Go to the workstation and perform a drum init.
14. Test by running live jobs [this helps reduce the cost of wasted plates].