1. OVERVIEW

The MCU side panels are supported by 5 brackets on each side. Due to the weight of the components (particularly on the plenum side), and occasionally due to loads caused during shipment, the side panels tend to sag down. This ECO implements brackets (two per side) that will resist this sagging.



Warning: It will likely be necessary to re-align the height of the MCU during this procedure. This will also likely require that the cart and cassette sensors be adjusted. In some rare cases, it may be necessary to re-align the position of the MCU.

2. TOOLS REQUIRED

- Space to store all MCU cassettes
- Pallet jacks/miscellaneous wood pieces for supporting panels
- 10 mm socket and open ended-wrenches
- Extended 6 mm Allen key (T-handle or socket wrench/driver)
- Drill for ½" hole in aluminum panel (optional)
- Allen keys

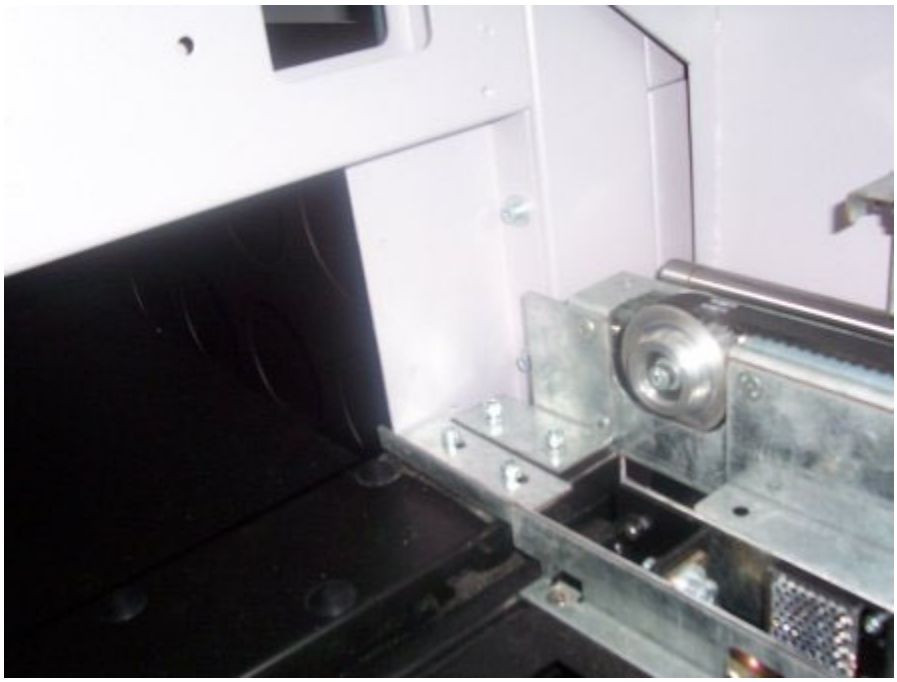
3. PROCEDURE

1. Remove all cassettes from MCU.
2. Move forks to highest position.

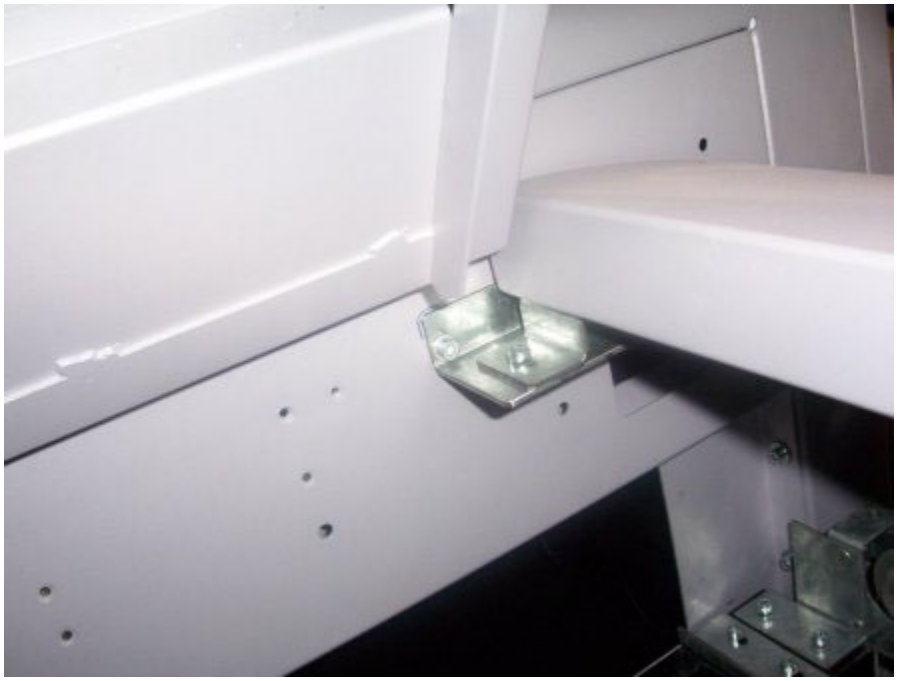


3. Install the SSR bin jacks to support the SSR unit.
4. Disconnect MCU from the imaging device

   Remove fetcher track from plenum



   Remove upper SSR panel



5. Support panel with pallet jack and/or wood pieces. Generally it will be necessary to support the panel on the bolt heads. Try to insert the pallet jack as far as possible.



Depending on the jack used (especially at the rear plenum side), it may be difficult to insert.



6. Note the location of the old brackets, then remove them and replace with the new ones. Only the 4 mid-level brackets are replaced (one at each corner of the MCU). When installing the new bracket, use the upper pem nut in the existing slot.



Notes:

- Use 6 mm Allen keys for the 8 mm bolts holding the bracket to the panel. An extended length 6 mm Allen key may be required when installing the new bracket, due to reduced access.
- Use 10 mm sockets and/or wrenches to remove the hex head bolts on the panels.
- If access is difficult when installing the new brackets (this should only be the case for the lower bolt on the left rear and right front panels – as viewed from the front), it may be necessary to drill a ½" hole through the panels. Socket head screws should be used in these holes (and are provided in the kit). Ensure that the hole location will work when the panel is lifted from the sagged position. Plugs are provided in the kit. Similar plugs are used in the rear hood.
- On a left to right MCU, the plenum blower will prevent access to the brackets, and will have to be removed.



7. Raise the panels to remove the previous sag and tighten the bolts. It may be necessary to loosen the upper bracket at the rear post. Ensure that the heights of the new brackets are the same on the front and back posts.

8. After installation, it will likely be necessary to align the MCU to the imaging device. Normally it should only be necessary to adjust the height of the MCU to match the plenum with the fetcher track. Ensure that the plenum remains level.
9. Reconnect the plenum and fetcher track, re-install panels, and remove SSR jacks.
10. When re-installing cassettes, ensure that the cart and cassette sensors are aligned correctly.