**Procedure for Removing and installing electronic transition (rear) module on the Decam Imager**

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**Prior to doing any removal or installation of the Front End Electronics modules or Heater System Modules, make sure the person doing the procedure has practiced with a crate. It is very important to understand how the injector/ejector handles on the module work. Las Tacas will have a spare crate and modules.**

**Always follow ESD procedures when handling any module.**

**When working with the crate transition modules, please note that one of the rails is recessed. This was necessary because of the analog backplane, but makes module insertion more difficult. Take time to align the card properly.**

Removal of electronic transition module on Decam Imager

1. All ESD rules should be followed, wrist straps.
2. Make sure power is off on crate.
3. Remove clock or 12ch cables, depending on which module you are removing, from VIB.
4. Immediately insert shorting connectors into the empty slot.

**Please Note:** Until shorting cap is in place, lines connect to the CCD and expose the CCD to ESD damge.

1. Carefully remove electronic transition module from the crate.
2. Place module in an ESD safe box.

Installing electronic transition module on the Decam Imager

1. All ESD rules should be followed, wrist straps.
2. Make sure power is off on crate.
3. Remove electronic transition module from ESD safe box and install into proper slot on crate.
4. **PLEASE NOTE:**  When properly seated the module will slide in easily. Never apply force, other than the using the module handles to complete insertion.
5. Remove shorting connectors for the clock or 12ch connectors, depending on which module you are installing, on the VIB.
6. Immediately connect clock or 12ch cables to the VIB.
7. Visually inspect clock or 12ch cable connection to the VIB.