

HESSI Red / Green Tag Items

Dave Curtis 2000-Mar-21

The following list of items are to be removed or installed before final Fairing Installation on the launch vehicle, and before final close-out of the fairing door as indicated.

1. Before Fairing Installation

1.1. Red Tags

1.1.1. FSS Dust Cover

1.1.2. CSS Dust Covers (8)

1.1.3. Solar Array Wing Protective Covers (4)

1.1.4. LN2 Feed GSE

1.1.5. SAS Lens Dust Covers (3)

1.1.6. RAS Lens Dust Cover

1.1.7. SAS Sensor Dust Covers (Tape) (3)

1.1.8. Spectrometer GSE Vacuum Port Plumbing

Must be removed for encapsulation; shall be re-installed through fairing door after encapsulation.

1.1.9. Imager and RAS Alignment Tooling Balls (if not previously removed)

1.1.10. PMT Dust Cover

1.1.11. TMS Shorting Plug

1.1.12. Lifting Guides on Imager

1.2. **Green Tags:**

1.2.1. Battery Cell Voltage Monitor Connector Cover

1.2.2. LN2 Feed Support

1.2.3. HV Enable Plug (IPC-P4)

1.2.4. Actuator Enable Plug (IPC-P6)

1.2.5. Umbilical Pigtail

1.3. **Verifications**

1.3.1. Spectrometer Attenuator is caged

1.3.2. RAS shutter is closed

1.3.3. Vacuum Valve Connector (VV-J1) is mated

1.3.4. Visually Inspect Connector Mating

1.3.5. Visually Inspect Thermal Blanket close-out

2. Before Captive Carry (through the fairing door)

2.1. *Red tags:*

2.1.1. Spectrometer GSE Vacuum Port Plumbing

2.2. *Green tags:*

2.2.1. Test Access Connector Cover

~~2.2.2.~~

2.2.3. Spectrometer Vacuum Port Cover

3. Before Launch (through the fairing door):

3.1. Red tags:

3.1.1. Spectrometer GSE Vacuum Port Plumbing

3.2. Green tags:

3.2.1. Test Access Connector (TAC) Cover

3.2.2. Battery Flight Plug (BFP) [Set TAC voltage to match battery voltage before installing BFP]

3.2.3. Flight Enable Plug (FEP)

3.2.4. Spectrometer Vacuum Port Cover