



NATIONAL OPTICAL ASTRONOMY OBSERVATORY

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TORRENT KIT PARTS LIST TRANSITION MODULE BASE CHASSIS KIT

Dwg No.: TRNT-EL-02-0014 Rev: OD

Next Assembly: TRNT-EL-02-0001

**Applicable Documents: TRNT-EL-02-0003
TRNT-EL-02-0006**

LTR	DESCRIPTION	ECR	DATE	BY	APPRVD
OD	INITIAL RELEASE		7-Jul-11	DMS	

ITEM	QTY	BINLO C	SEE NOTE	Part Number	MFR	Description
1	Ref			TRNT-EL-02-0006		Transition Module Chassis
2	Ref			TRNT-EL-02-0003		Transition Module Assembly
3	1 ft			TT-T-24	Omega	Wire, thermocouple
4	AR					Lacing
5						
6						
7						

NOTES:

1. Reference Drawings: All items shown on referenced drawings may not be part of this kit.
2. Bag sizes are specified as minimum size necessary.
3. Assembly Order: Use drawing TRNT-EL-02-0006 for assembly
 - 3.1 Attach Isolation Rails to Base Plate, pay close attention to rail orientation, tighten fasteners
 - 3.2 Insert blue Omega Thermocouple connector, one into opening labeled "TANK" and one into "CHIP". Make sure screw heads are facing up towards labeling text. Secure with clip on back side of plate with metal clip.
 - 3.3 Feed ribbon connector end of Shutter /Preflash cable through Left Side Plate hole labeled shutter, from text side. Feed same end through star washer and hex nut for the round shutter connector. Position shutter connector so pins are farthest away from engraved text, tighten down nut. Secure strain relief clip onto ribbon connector.
 - 3.4 Attach Top Cover Plate Tab to 3 Base Header as shown.
 - 3.5 Assemble Side Plate Left, Side Plate Right and Utility Board Header together, leaving all fasteners loose. Attach Base Header to parts just assembled. Mount to TSM base plate, first tighten all flat head fasteners on bottom of base plate then tighten cap screws.
 - 3.6 Secure chassis ground wire between thermocouple connectors on base plate with HWS PPH M3x4mm, if wire not available just add screw.
 - 3.7 Use lacing tape to secure thermo couple wire to Utility board header for use during implementation. See photo.
 - 3.8 Install thermocouple connector dust caps.



Step 3.1

Base plate showing rail orientation



Step 3.2

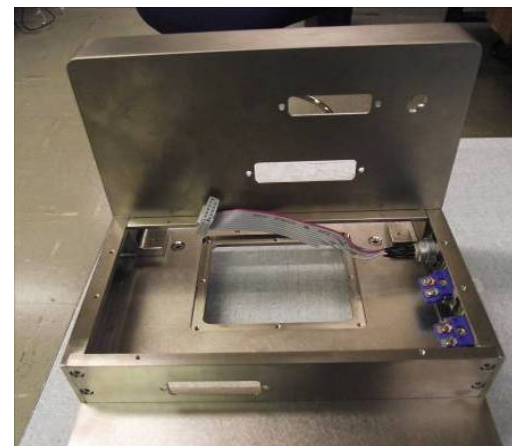


Step 3.3

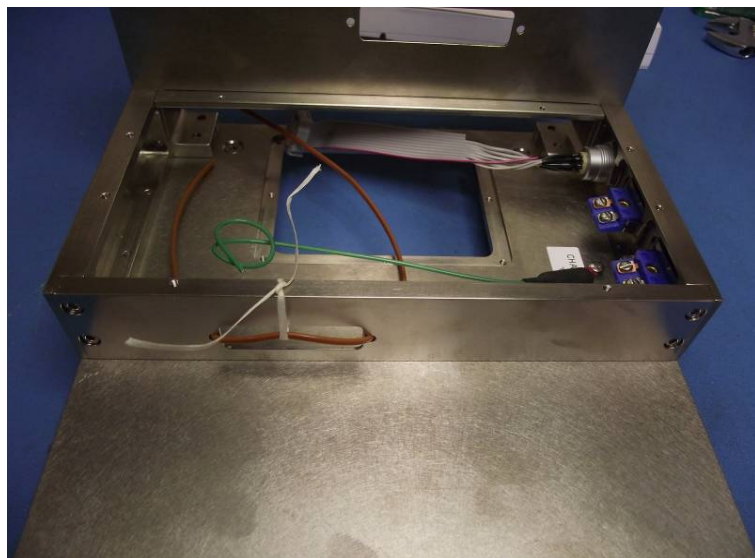


Left side plate with connector orientation

Step 3.4 & 3.5



Step 3.6 & 3.7



Step 3.8

