

# Gluing hybrid to baseboard

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This note describes the steps performed to glue the electronics hybrid on to the baseboard in an ATLAS SCT detector module.

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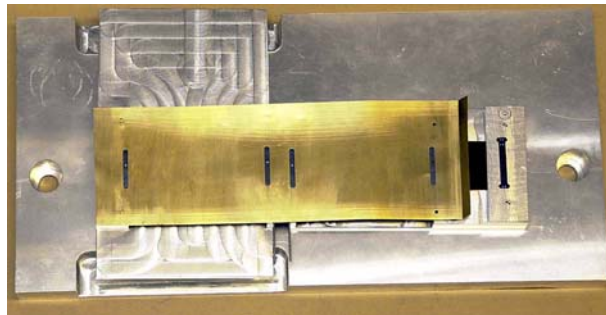
## 1. Introduction

The following procedure has been developed to perform precision gluing of electronics hybrids to baseboards using a custom made mechanical jig and a glue mask. Final curing of the glue is done in a temperature controlled oven.

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## 2. Procedure

- 2.1 STEP 1** Put the hybrid on to the jig.
- 2.2 STEP 2** Clean hybrid and module (module while in frame) with alcohol.
- 2.3 STEP 3** Put the glue mask on to the hybrid.



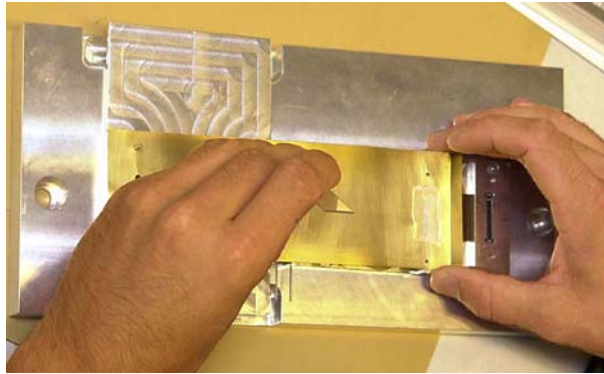
- 2.4 STEP 4** Mix glue and boron nitride.

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**PROCEDURE**

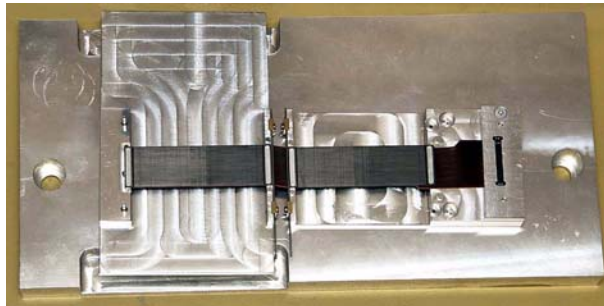
**2.5 STEP 5**

Apply glue on to the hybrid.



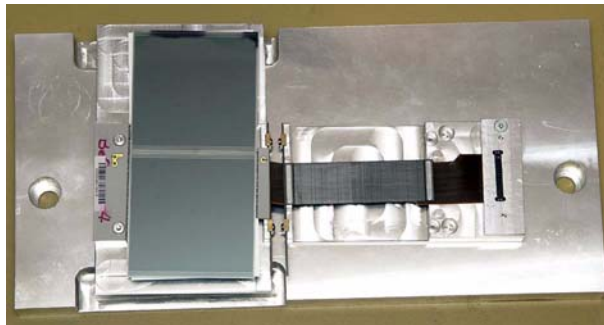
**2.6 STEP 6**

Remove the glue mask.



**2.7 STEP 7**

Place the module on the precision pins.



**2.8 STEP 8**

Fold the jig.



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**PROCEDURE**

**2.9 STEP 9** Put the clamp on.

**2.10 STEP 10** Place it in the oven for 4h @ 40° C..