

STEREO IMPACT

PROBLEM REPORT

PR-3016

Mason

7/23/05

PR Numbers: 1xxx=UCB, 2xxx=Caltech/JPL, 3xxx=UMd, 4xxx=GSFC/SEP, 5xxx=GSFC/Mag,
6xxx=CESR, 7xxx=Keil, 8xxx=ESTEC, 9xxx=MPAe

Assembly : SIT Instrument	SubAssembly :
Component/Part Number:	Serial Number: 02
Originator: Reichenthal	Organization: UMd
Phone : 301-286-5634	Email : Lillian.S.Reichenthal@nasa.gov

Failure Occurred During (Check one)

- Functional test Qualification test S/C Integration Launch operations

Environment when failure occurred:

- Ambient Vibration Shock Acoustic
 Thermal Vacuum Thermal-Vacuum EMI/EMC

Problem Description

The post on the J1 connector on the SIT FM2 instrument is not seated fully and consequently doesn't allow the connector to fully mate. This post is staked.

Analyses Performed to Determine Cause

See attached photo.

Corrective Action/ Resolution

- Rework Repair Use As Is Scrap

The post was properly seated and torqued and the connector was reconnected and restaked. The hardware is captive in the connector housing.

Date Action Taken: ___ 8/1/2005 **Retest Results:** ___ Success, final inspection performed

Corrective Action Required/Performed on other Units Serial Number(s): ___ n/a ___

Closure Approvals

Subsystem Lead: _____ Date: _____
IMPACT Project Manager: _____ Date: _____
IMPACT QA: _____ Date: _____
NASA IMPACT Instrument Manager: _____ Date: _____

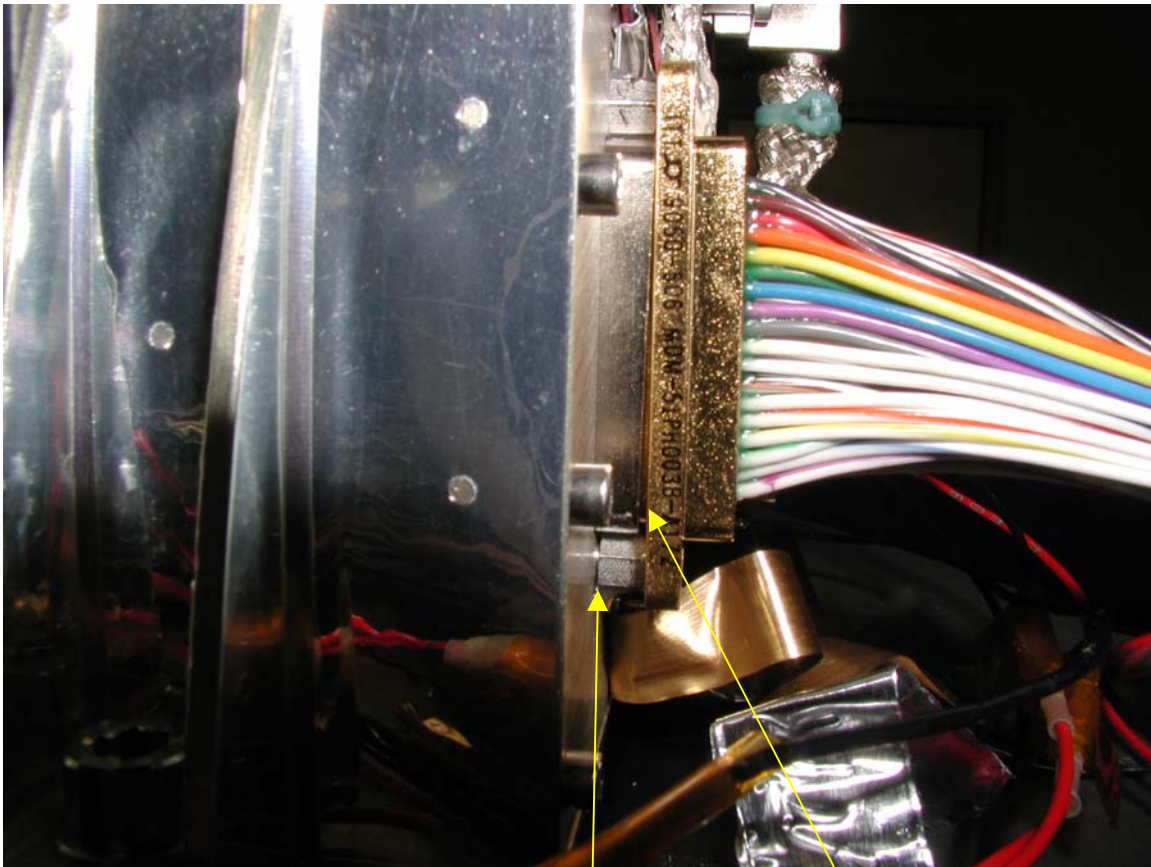
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Post is not seated. Connector not fully mated on this side.