

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP- 002900**

Issue **1.0**

Sub System **See Extra Comments Sheet**

Date **6th June 2007**

Model **FS**

INCOMING INSPECTION REPORT

FROM	
MSSL	
Mullard Space Science Lab, Surrey	

TO	
Project	
Rutherford Appleton Laboratory	
Space Science and Technology Department	
Chilton	
DIDCOT	
OXON	
OX11 0QX	

Applicable sections	
Containers	Yes
External Visual Inspection	Yes
External Connector	No
Documentation	No
Verification of Interfaces	No
Extra Comments Sheets	Yes

Drawings / Documents Attached	
Photos	

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Dion Dawson (PA)

DATE
6th June 2007

NAME
Eric Clark (PA)

DATE
6th June 2007

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CONTAINER INSPECTION

TRANSPORT CONTAINERS EXTERNAL CONDITION	REMARKS	Status
Mechanical damage to container fasteners, locks, clips or handling provisions		N/A
Security / Locking Fitted		N/A
Markings for destination and description	Marked with contents and addressed to E Sawyer	Checked
Warning labels relating to handling lifting and stacking limits		N/A
Any additional Comments	Delivered by MSSL by Hand in plastic box	See Remarks

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging	Each Part is in a plastic bag all put in to a Plastic box.	See Remarks
Internal padding / packaging required		None
Mounting provisions secure		None
Any additional Comments	No Environmental monitors fitted	See Remarks

ENVIRONMENTAL MONITORS					
Temp Monitors		Humidity Monitors		Shock Sensors Triggerd Information	
Fitted:	<input type="text" value="No"/>	Fitted:	<input type="text" value="No"/>	5g	10g
Condition:	<input type="text" value="N/A"/>	Condition:	<input type="text" value="N/A"/>	15g	25g
				50g	
				X Axis	
				Y Axis	
				Z Axis	

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INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list	No Shipping list supplied See Extra Comments Sheet for List	See Remarks
Instrument label	Each item was clearly labled	See Remarks
Note status of external contamination		Acceptable
Degradation of paintwork or Coating?		Acceptable
Fasteners correctly locked?		N/A
Check protective covers are correctly labelled and fitted?		N/A
Additional Comments		None

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INSPECTION OF ALL CONNECTORS

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment		N/A
Damaged Sockets		N/A
Internal Debris		N/A
Connector Covers fitted		N/A
Connector Savers Fitted		N/A
EMC Covers Fitted		N/A
RED Tag Item / Green Tag Items fitted		N/A
Additional Comments	Mechanical assembly only No connectors fitted.	See remark

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Sub System	See Extra Comments Sheet	Date	6th June 2007	Model	FS

DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack		No
Transportaion Documents		No
Packing un- Packing instructions		No
Additional Comments		

Verification of Interfaces

Mechanical interface: dimensions specified in the interface control documents such as mass, flatness of surfaces, location of fixing holes and overall dimensions should be measured accurately and recorded. Record Test Report Number, or confirm that measurement result is included in delivery documentation, (EIDP).

INSPECTION / TEST REPORT NUMBER	CHECKED N/A for this inspection
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Electrical interfaces: verifying the location and types of connectors against interface control document is normally carried as part of mechanical verification, confirm this has been done. Functional testing: final functional test report number should be noted.

INSPECTION / TEST REPORT NUMBER	CHECKED N/A for this inspection
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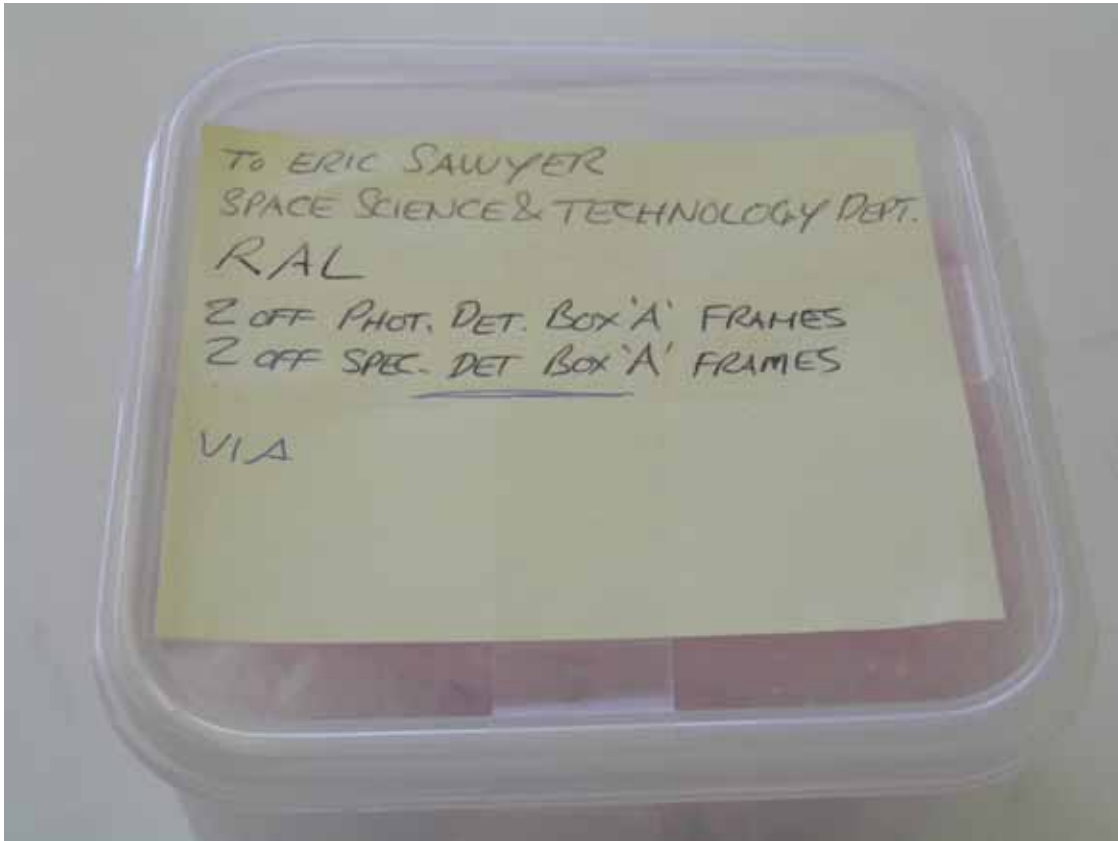
Date **6th June 2007**

Model **FS**

EXTRA COMMENT SHEET

Items supplied:	Inspection results / Comments
<p>2K Spectrometer box A frame letter A, B3 no: B3-MD-00.20.015, MSSL Number 5264/307-4 2K Spectrometer box A frame letter D, B3 no: B3-MD--00.20.015, MSSL Number 5264/307-4 2K Spectrometer box A frame letter I, B3 no: B3-MD--00.20.015, MSSL Number 5264/307-4</p> <p>2K Photometer box A frame no.4, B3 no: B3MD-00.20.009, MSSL number 5264/313 2K Photometer box A frame no.3, B3 no: B3MD-00.20.009, MSSL number 5264/313 2K Photometer box cone No 2, B3 no: B3-MD-00-20-004, MSSL-Number 5264/312.</p> <p>PSW BDA Adaptor Plate End PMW BDA Adaptor Plate End PLW BDA Adaptor Plate End</p> <p>SMEC Bosses Drg No 5264 302-4A</p>	<p>Small scratch seen on face on top hole. No significant scratching seen around holes or faces. No significant scratching seen around holes or faces.</p> <p>Scratch seen in top hole, face side. Scratch seen in top hole, face side. No significant scratching seen around holes or faces.</p> <p>OK OK OK</p> <p>OK</p>
<p>Items expected but Missing form initial delivery</p> <p>2K Photometer box cone 2K Spectrometer box A frame</p>	<p>Items supplied BY</p> <p>Supplied 8th June 2007 Supplied 8th June 2007</p> <p>OK OK</p>
<p>Note None of the Above Items have been cleaned or Baked out. This will need performing before integration</p>	

Original delivery Box



Photometer box A frame 3 showing



Photometer box A frame 3 showing Base



Photometer box A frame 3 showing Marks on Metal face



Photometer box A frame 4 showing gouge in metal surface at top



Photometer box A frame 4 showing base



Photometer box Cone as delivered



Photometer box Cone Top



Photometer box Cone Bottom



Spectrometer box A frame "A"



Spectrometer box A frame A showing Scratches on Metal face



Spectrometer box A frame "D"



D

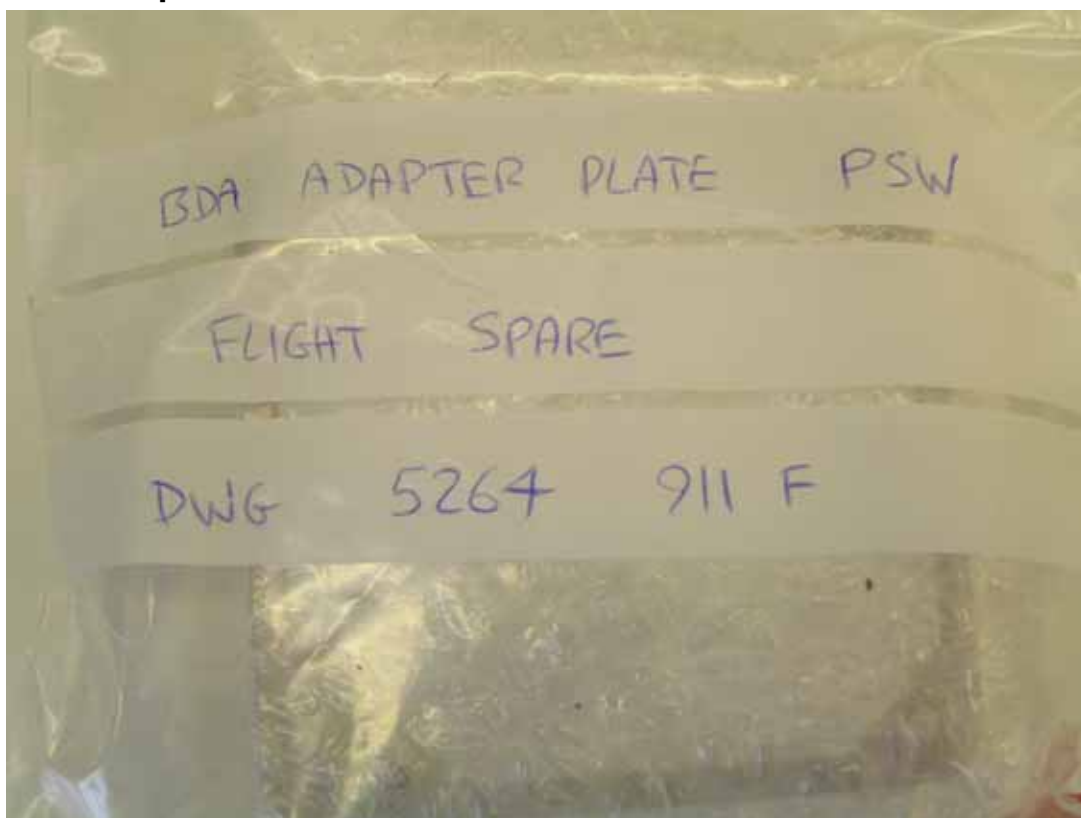
Spectrometer box A frame "I"



Spectrometer box A frame I showing Base



PSW BDA Adaptor Plate as delivered



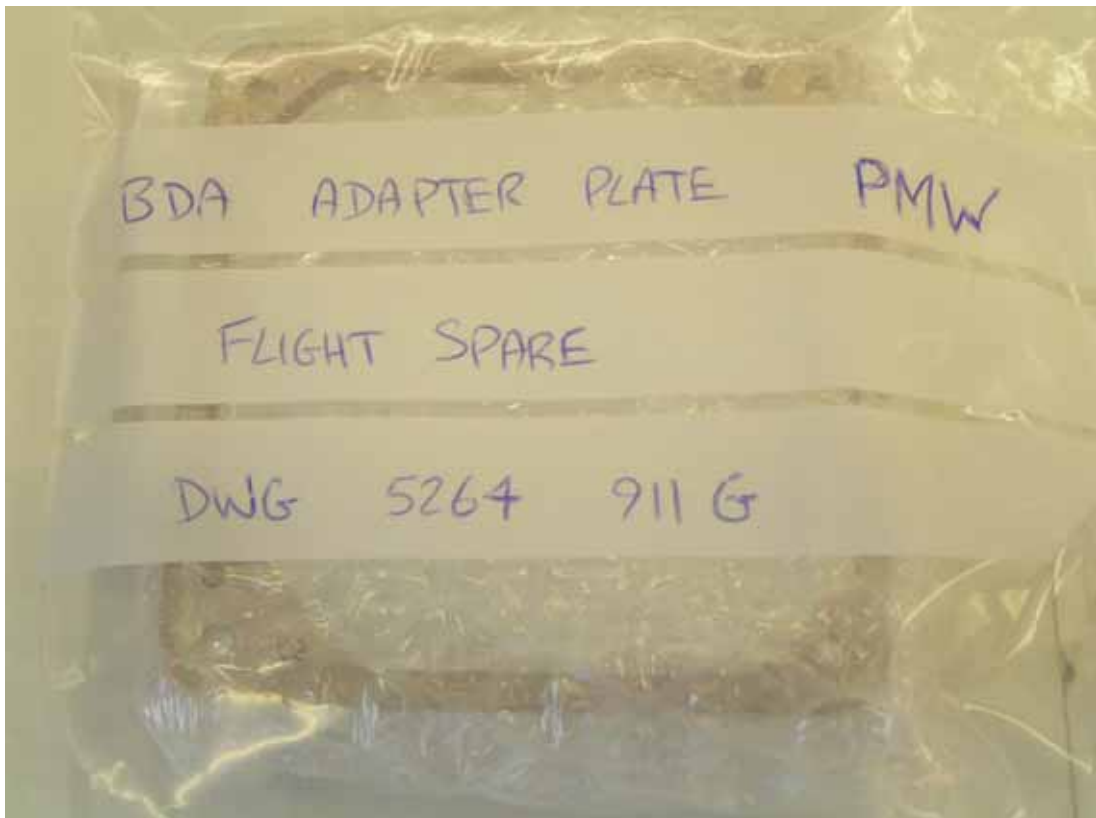
PSW BDA Adaptor Plate End



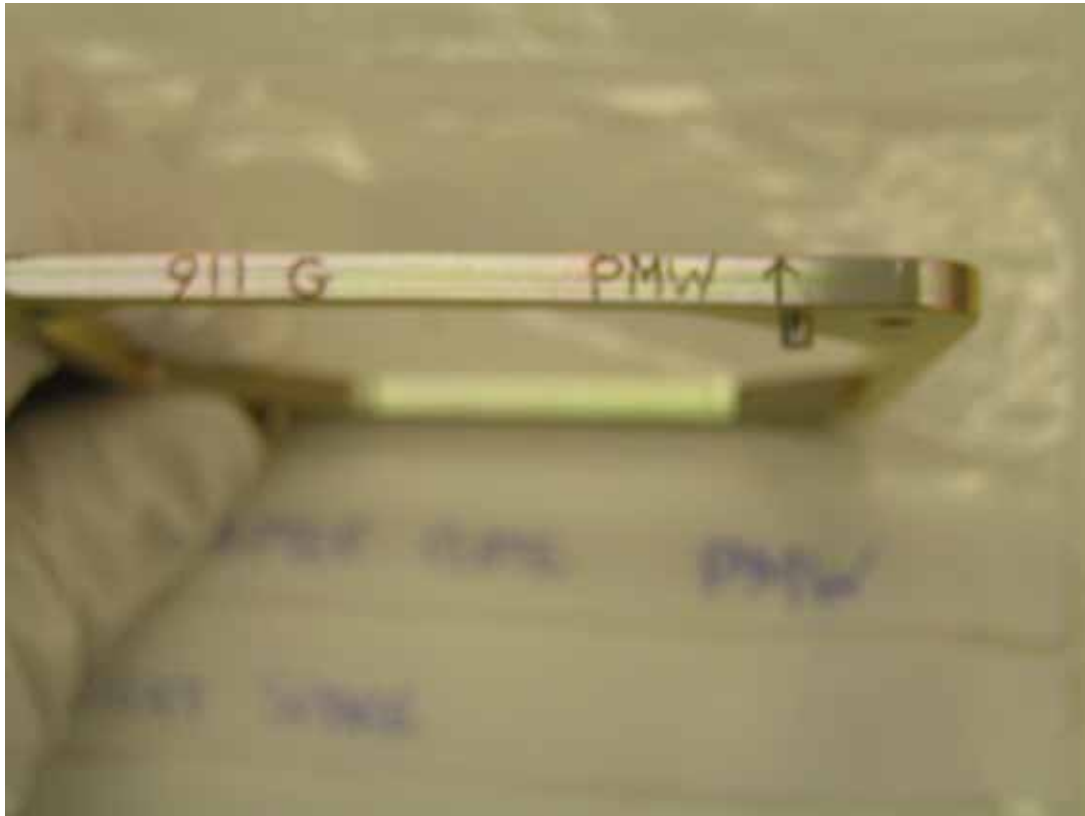
PSW BDA Adaptor Plate



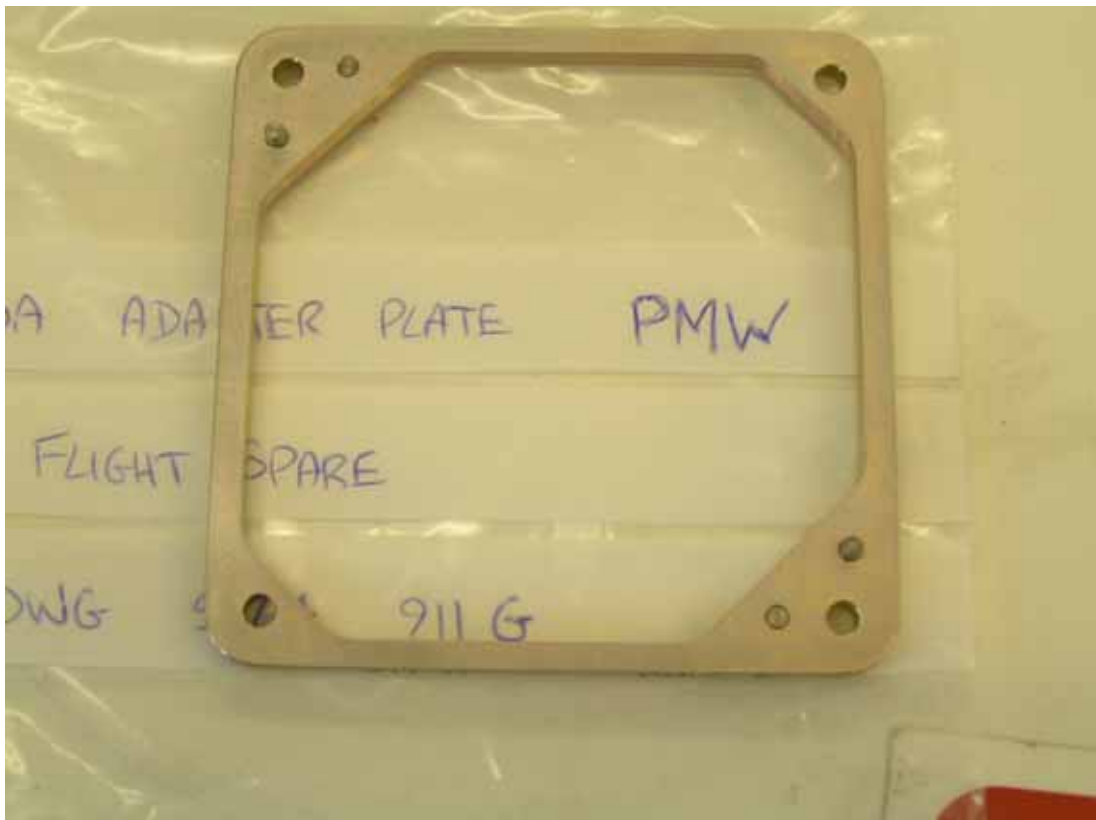
PMW BDA Adaptor Plate as delivered



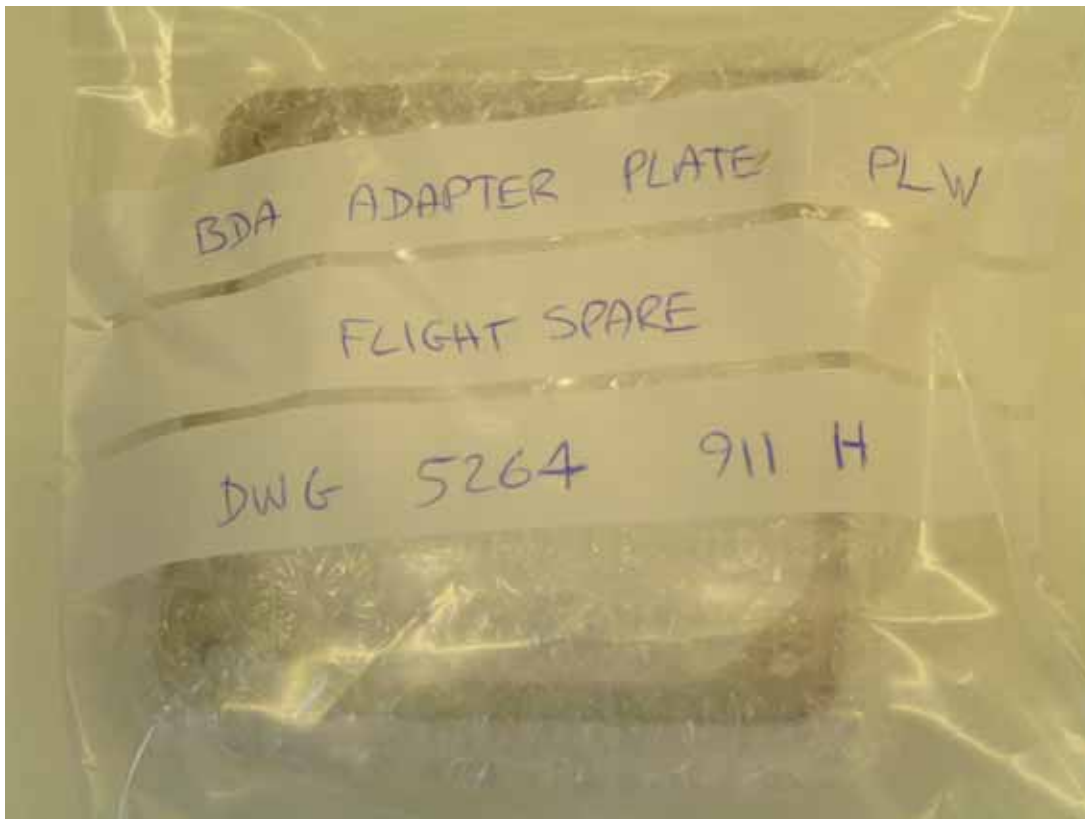
PMW BDA Adaptor Plate End View



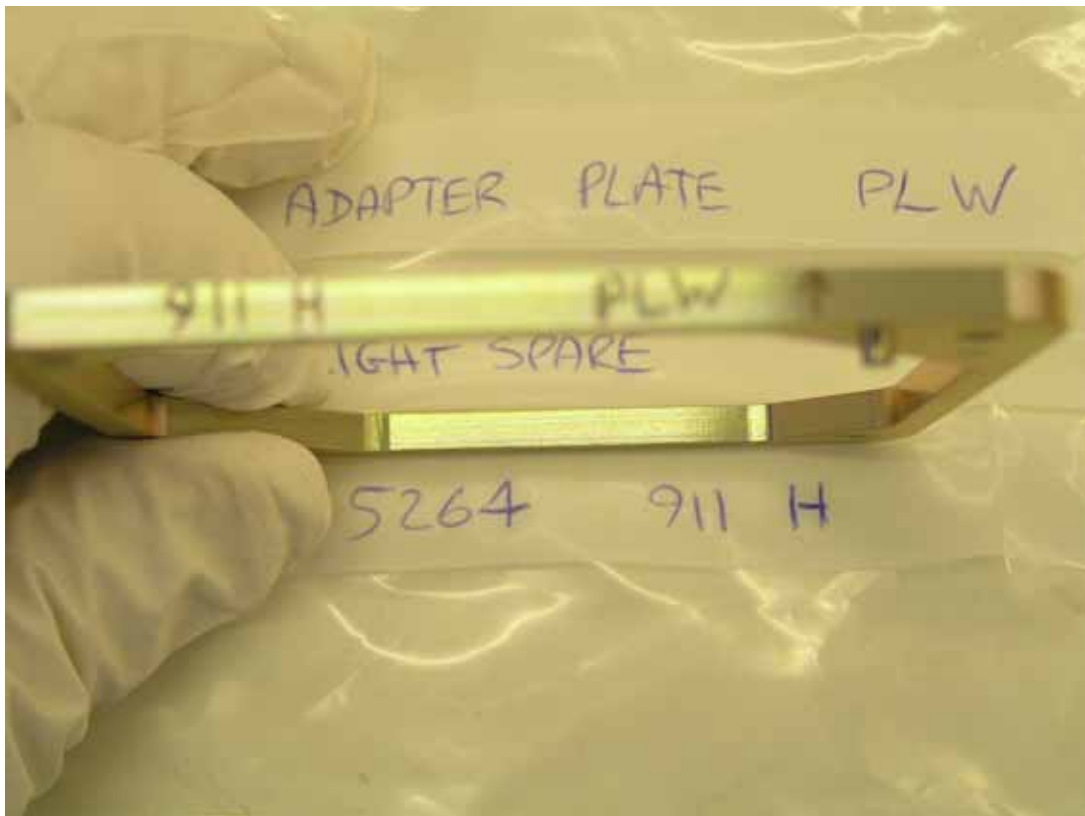
PMW BDA Adaptor Plate



PLW BDA Adaptor Plate as delivered



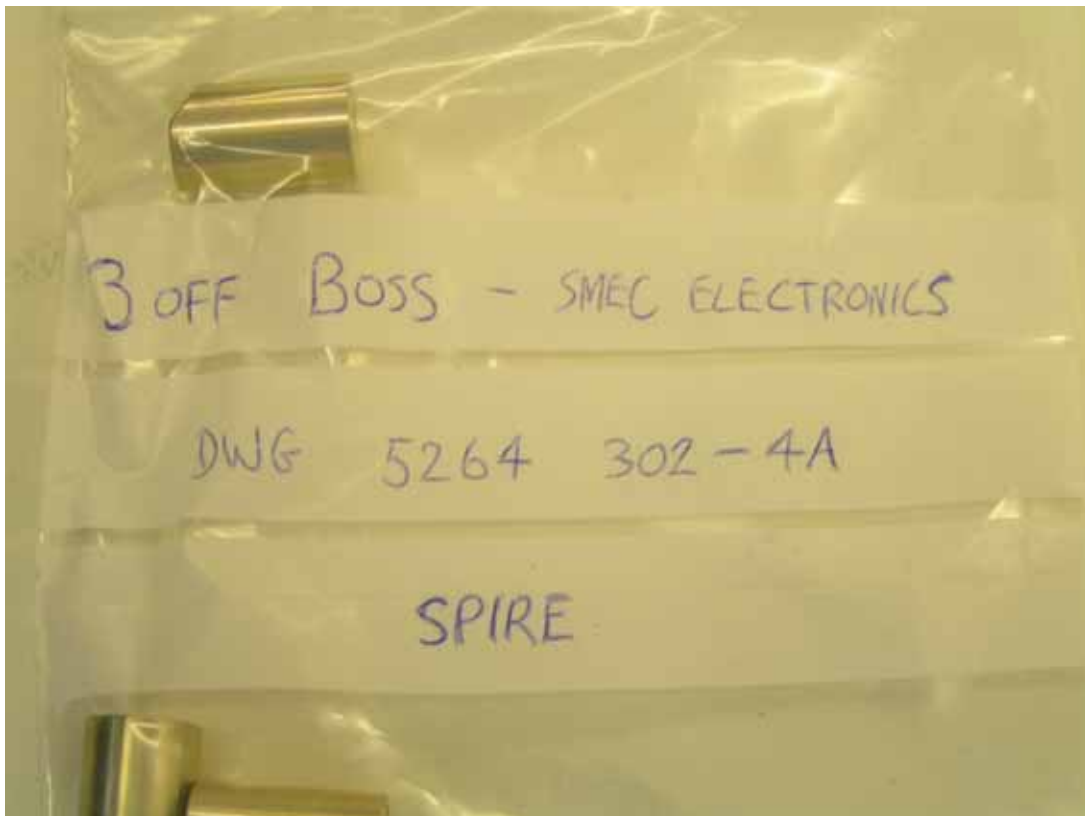
PLW BDA Adaptor Plate End



PLW BDA Adaptor Plate



SMEC Bosses as Delivered



SMEC Bosses top view

