



# SERVICE BULLETIN - OPTIONAL

Part No.: P122

Description: Avionics Switch Console	Service Bulletin No.: P122-603-0001
Service Manual: N/A	Subject: Linear Grommet Inspection & Retrofit
ECO No.: 1165	

Prepared By:	Checked By:	Approved By:
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## 1. Planning Information

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### 1.1 Applicability

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This service bulletin is applicable to all P122 Avionics Switch Consoles (G12310) manufactured prior to January 2025.

### 1.2 Reason

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Internal edge protection material application is listed as optional and therefore P122 consoles may have been shipped without some of the optional grommet protection installed. AEM Technical Services would like to advise customers that they have the option of retrofitting their consoles if they deem that the grommet application was inadequate for the internal clearances to wire bundles.

### 1.3 Description

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This service bulletin provides instructions for inspecting P122 Avionics Switch Consoles installed on aircraft, without requiring removal, to ensure adequate protection against chafing. It also includes guidance on ordering and installing the necessary protection if deemed required.

### 1.4 Compliance

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Optional: This service bulletin may be incorporated at customer's discretion.

Anodyne Electronics Manufacturing Corp. recommends this service bulletin is accomplished on all affected units.

### 1.5 Approval

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No change to existing approval.

### 1.6 Costing

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This service bulletin outlines modifications to address a potential malfunction. As such, the modification is eligible for warranty consideration. Anodyne Electronics Manufacturing Corp. will provide a grommet kit free of charge.

### 1.6.1 Parts and Labour

One (1) hour estimated. Please contact Anodyne Electronics Technical Support department for parts free of charge.

The following items are required to complete:

Part Number	Manufacturer	Description	Qty
P122-RFK	AEM	P122 Grommet Retrofit Kit	1

### 1.7 Equipment Required

The following tools are required:

Part Number	Manufacturer	Description
N/A	N/A	Screwdriver, No. 2 Phillips
N/A	N/A	Small Inspection Mirror

### 1.9 Weight and Balance

Not affected.

### 1.10 Electrical Load Data

Not affected.

### 1.11 References

None.

### 1.12 Other Publications Affected

None.

## 2. Procedure for Inspection

Referencing Figure 1, remove the three forward #8 screws on each Circuit Breaker (CB) panel. Remove one #8 screw on each side of the console securing the Switch Plate Assembly. Each should now hinge open as shown in Figure 2.

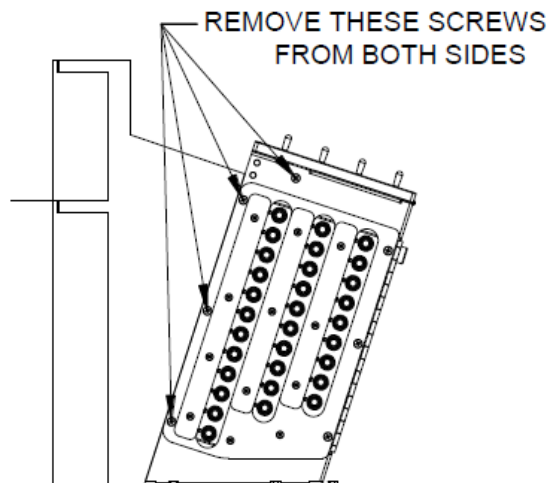


Figure 1 — #8 Screw Removal

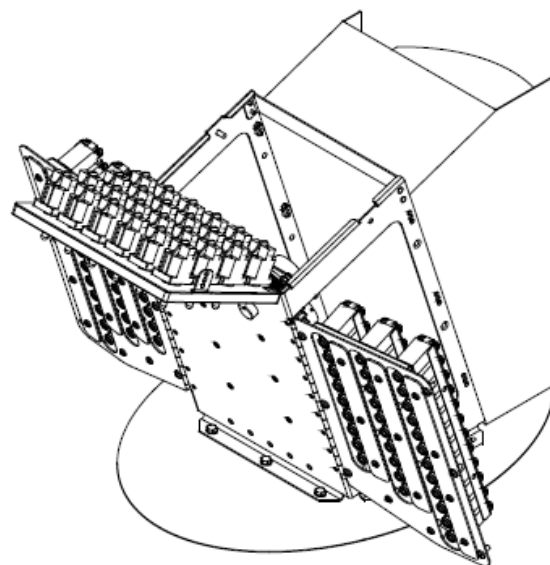


Figure 2 — Door Hinges

Referencing Figure 3 through Figure 6, inspect the Connector Bracket Assembly for the linear grommets identified by red arrows. Use an inspection mirror as required.

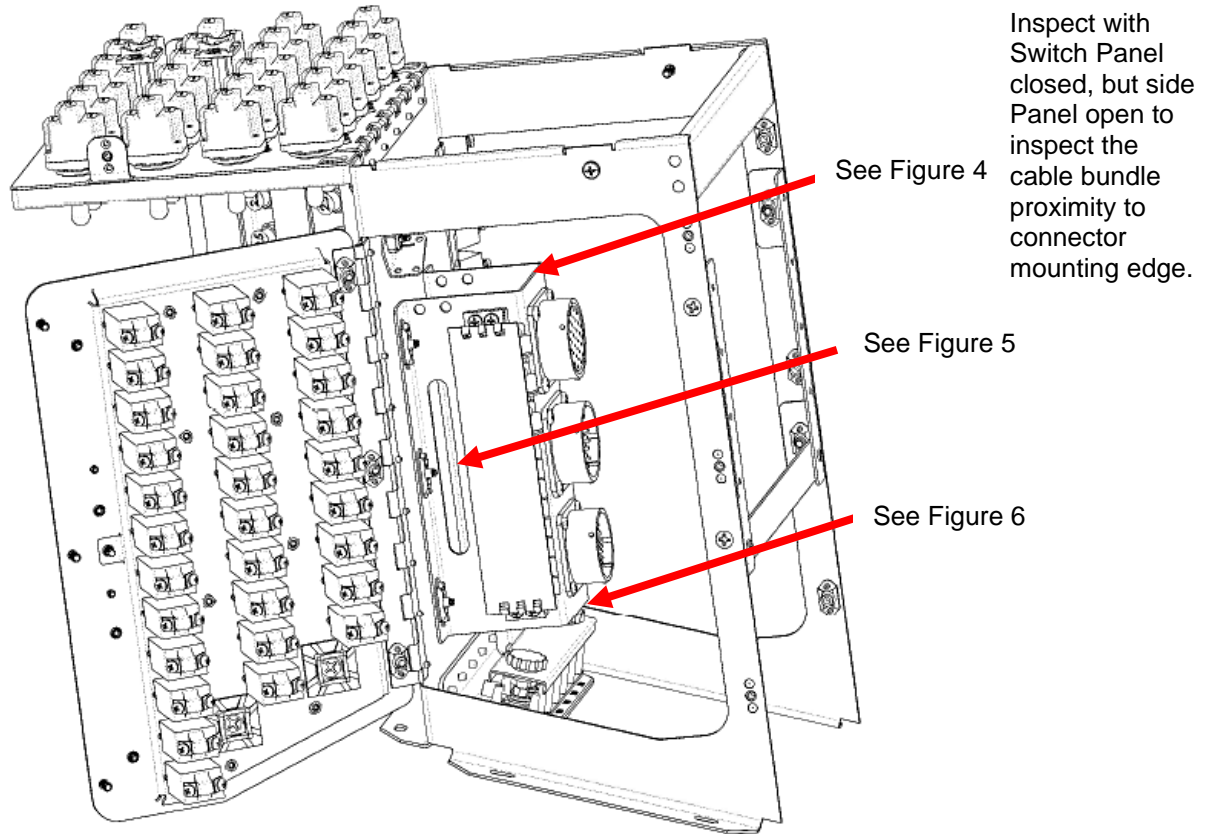
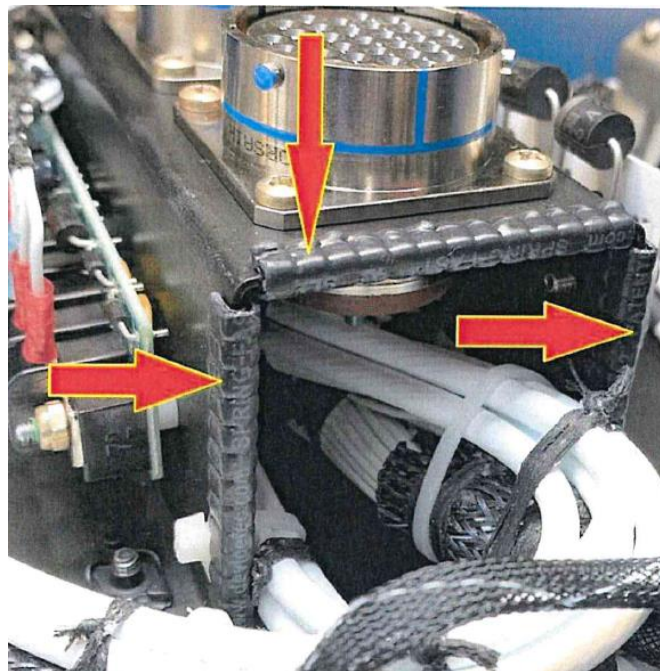


Figure 3 — Overview of Grommet Locations



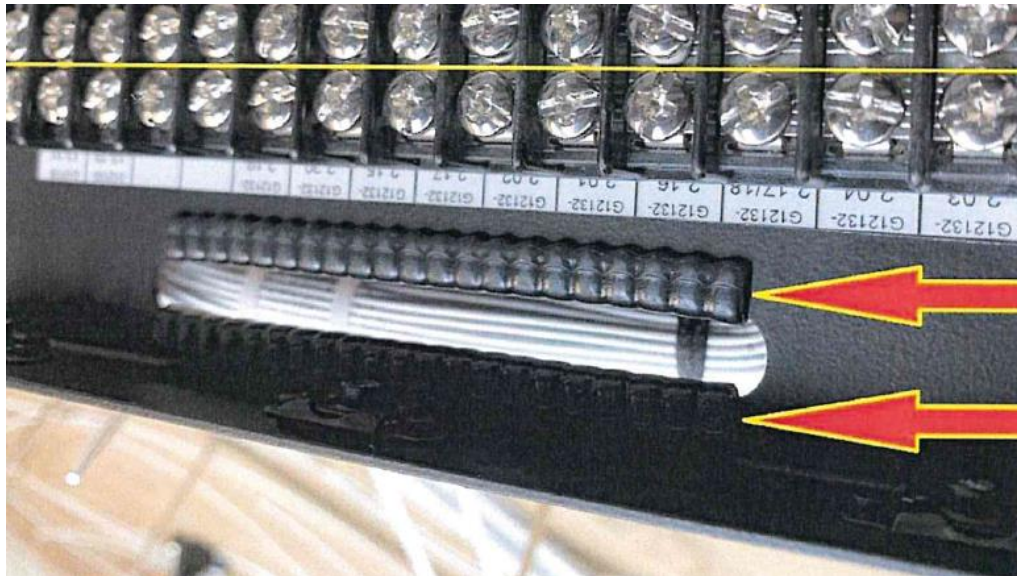


Figure 5 — Grommet Location

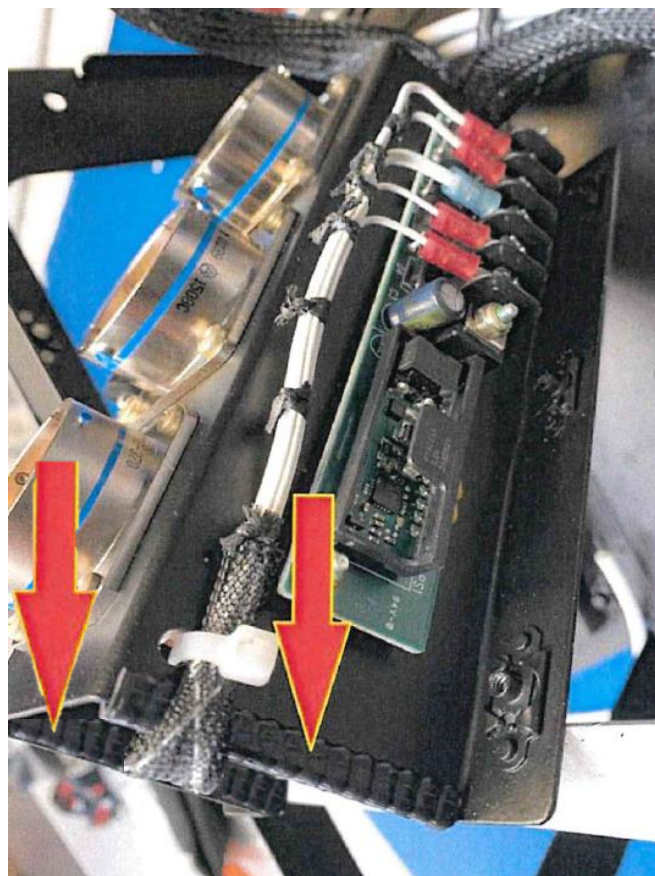


Figure 6 — Grommet Location

If all 7 grommets are installed, close the CB door panels and Switch Plate & Overlay assemblies, referencing Figure 1 install screws to secure them. Nothing more is required, prepare the aircraft for return to service.



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### 3. Procedure for Grommet Installation

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If all or some of the grommets identified in Section 2 Procedure for Inspection are missing, inspect the adjacent wire bundles for chafing and damage. Use an inspection mirror where required. If damage is found stop and contact AEM for return of the P122 Avionics Switch Console for warranty servicing.

If none of the wire bundles are damaged, referencing Figure 3, through Figure 6, install the linear grommets identified by red arrows. Use an inspection mirror as required to confirm fit. 2-inch long grommets are installed in Figure 4 and Figure 6, 3-inch long grommets are installed in Figure 5.

Close the CB door panels and Switch Plate & Overlay assemblies, referencing Figure 1 install screws to secure them. Nothing more is required, prepare the aircraft for return to service.

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### 4. Reference Documents

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DOCUMENT	REV.	DESCRIPTION	TYPE
P122-RFK-760-0	1.00	P122 Grommet Retrofit Kit	Shipping Instructions

End of Service Bulletin
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