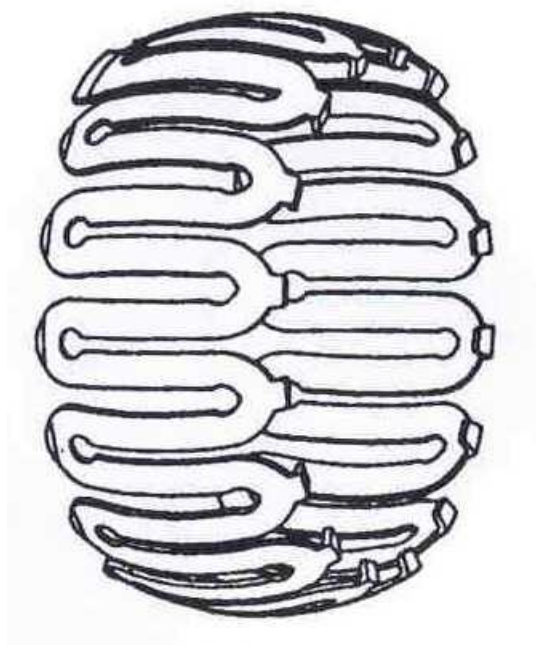


***Instructions on replacing EMI band for  
38999 & 83723 Connectors  
(Any Size)***

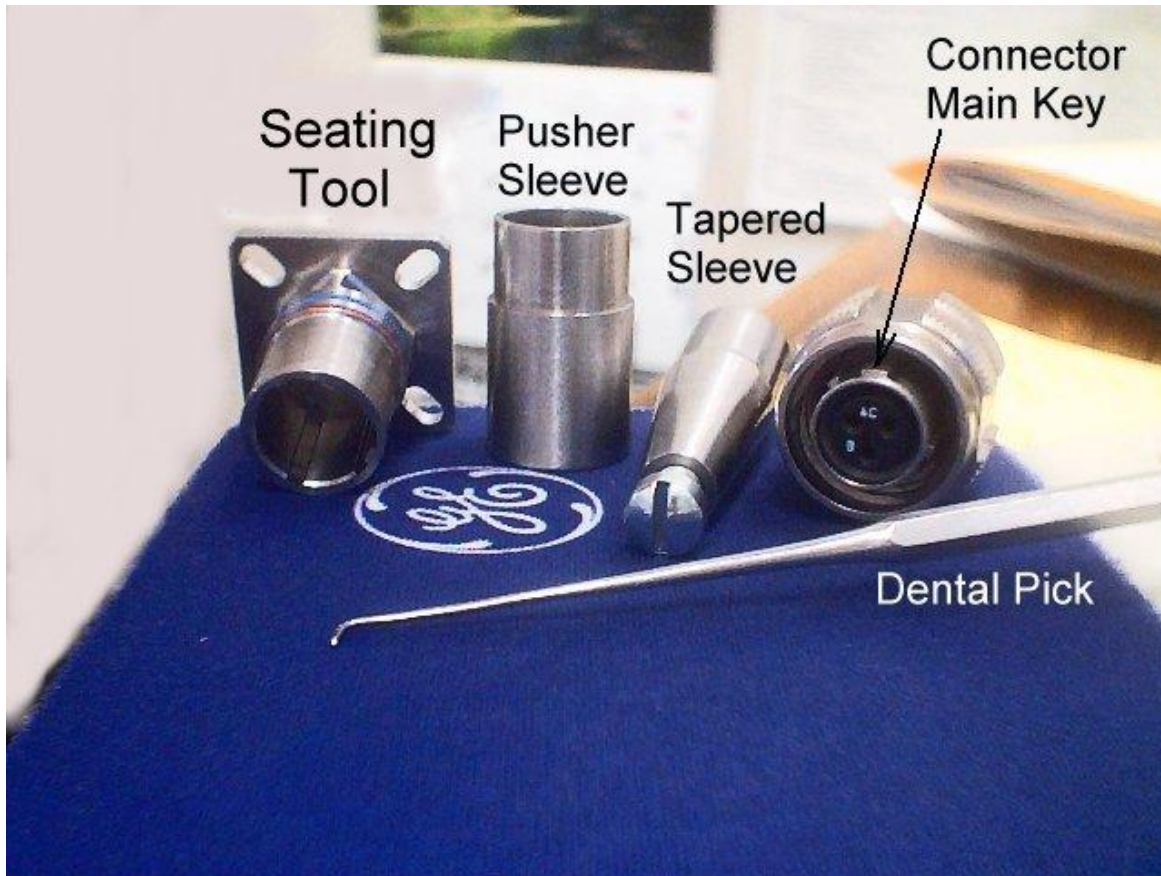
**L-40984-015**

**Rev A**

Amphenol Aerospace  
40-60 Delaware Avenue  
Sidney, New York 13838-1395



## Required Tools:



Required tools for the EMI band replacement

- Different tools would be provided for each connector size.

### **Cautions:**

- **Do not apply Excessive force to EMI band. The band is thin copper material and should be handled carefully.**
- **Discard any bent or distorted bands – band should be uniformly cylindrical as shown on cover page.**
- **Note – Dental pick is not included, equivalent tool will function as well such as small flat head screw driver.**

## ***Instructions on replacing EMI band 38999 & 83723 Connectors (Any Size)***

**(See Identification of tools on page 2 )**

**Important: Read all instructions when replacing the EMI band.  
Perform operation with safety glasses under bright light.**

1. Using Dental Pick- Remove All of Original Band (band will be destroyed and not available for reuse). Make sure all the pieces are removed.



2. Locate main key (wide key) in connector and orient it to the 12 o'clock position.



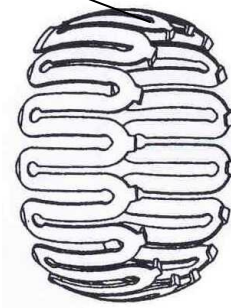
3. Place Tapered Sleeve over Connector Shell and align Sleeve Line (longitudinal groove on sleeve) with Connector main key.



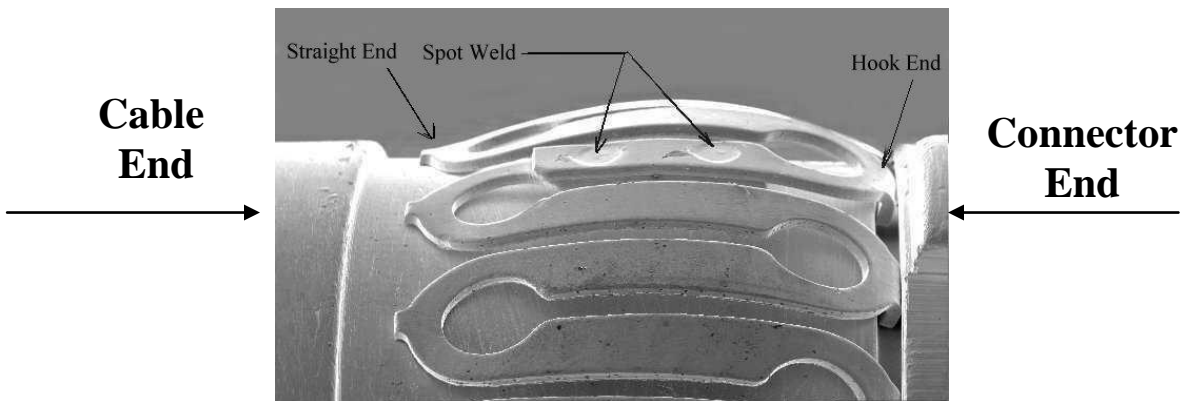
4. Orient the EMI Band- put straight end on Sleeve first, Hook End (with 90 degree bend) away from connector. **(Do not apply Excessive force on EMI band and discard any bent or distorted band – band should be uniformly cylindrical as shown on cover page).**



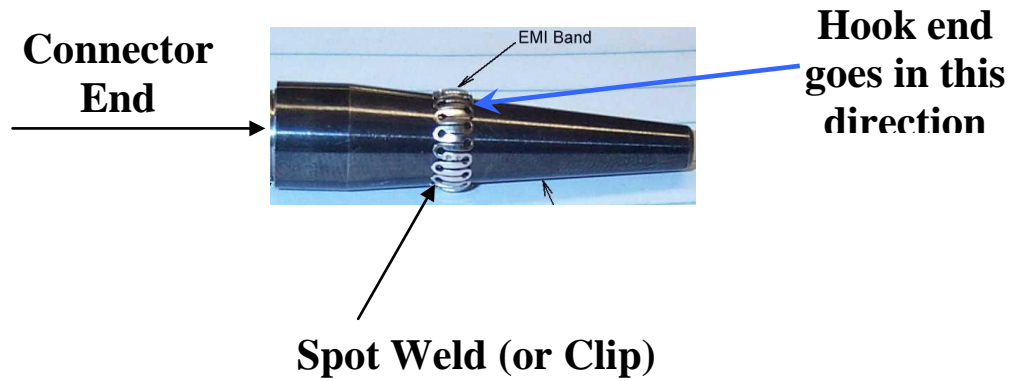
EMI band goes this way



Band Hook



5. Rotate Band until Spot Weld (or Clip) is over Longitudinal groove.



6. Using fingers, slide EMI Band down Tapered Sleeve toward connector until it is completely down tapered section.
7. Using Pusher Sleeve (smaller diameter end towards connector) - Slide Band completely inside the Coupling Nut until it stops (band will position itself in groove). Remove pusher sleeve and tapered sleeve.

**Pusher Sleeve**

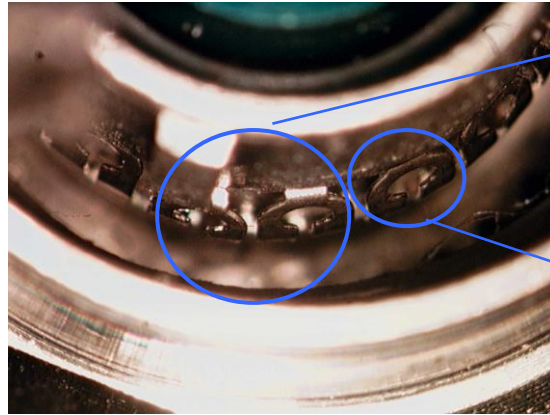


8. Using Seating Tool Connector (less threads), push Seating Tool completely into connector till it stops (disregard blue line) to make sure final seating in groove takes place. Remove Seating Tool.





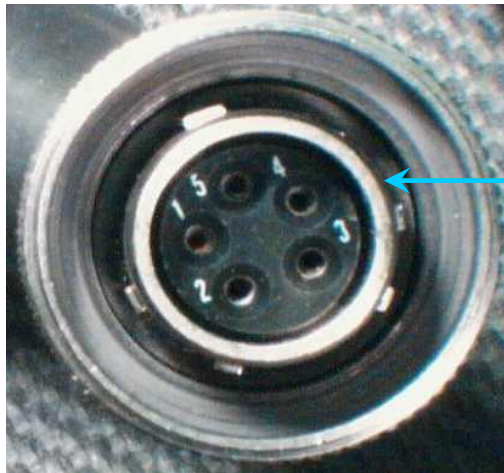
9. Perform post inspection: (Avoid having lifted EMI band tang).



Undesirable: Lifted Tang.

Good, not lifted.

10. EMI band should be fully seated in grooves.



Desirable: No tang or Band showing on outer circumference.

11. Remove & replace band if damaged.