

# Ri interface cable guide



# System connection

The optional Ri cable guide aids assembly of the connector. There are two versions depending upon which type of readhead is being connected.

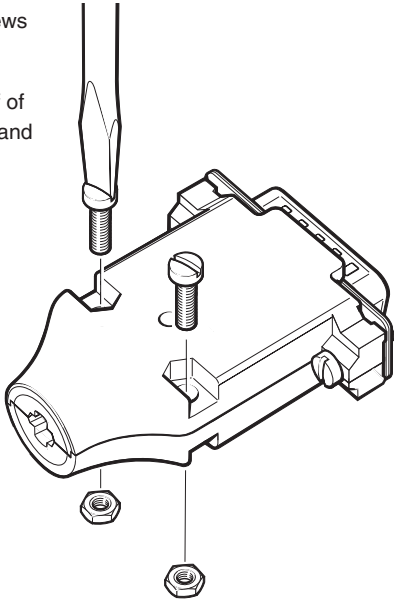
| Readhead | Cable guide part number |
|----------|-------------------------|
| ATOM™    | A-9693-2577             |
| TONiC™   | A-9770-0019             |

Approved ESD precautions must be followed at all times during readhead and interface electrical connections. The ATOM and TONiC readheads are connected to the Ri interface via a small, rugged connector to allow for easy feed-through during installation.

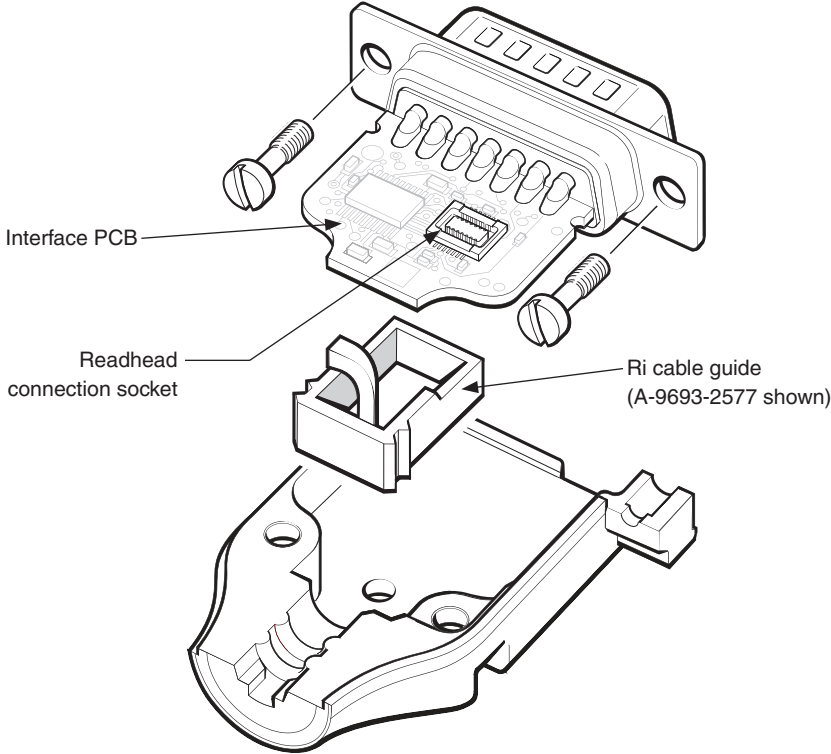


## Inserting the Ri cable guide

1. Open the interface housing by removing the 2 screws shown (4-40 UNC screws and nuts).
2. With the plain side uppermost, remove the top half of the housing, so that the interface PCB is exposed and the readhead connection socket is visible.



3. Remove the interface PCB and place the appropriate Ri interface cable guide into the bottom half of the housing, ensuring correct orientation as shown.

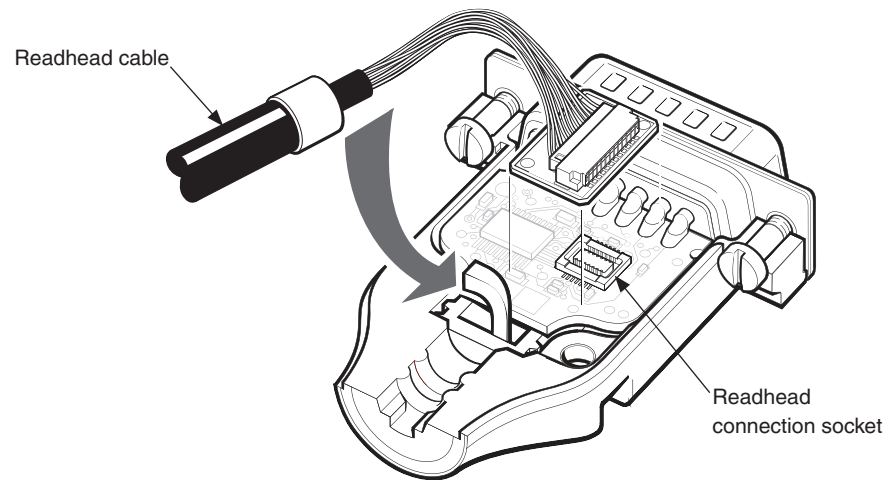


4. Place the interface PCB back into the bottom housing.
5. Taking care not to touch the pins, plug the readhead connector into the socket in the interface, ensuring correct orientation as shown.

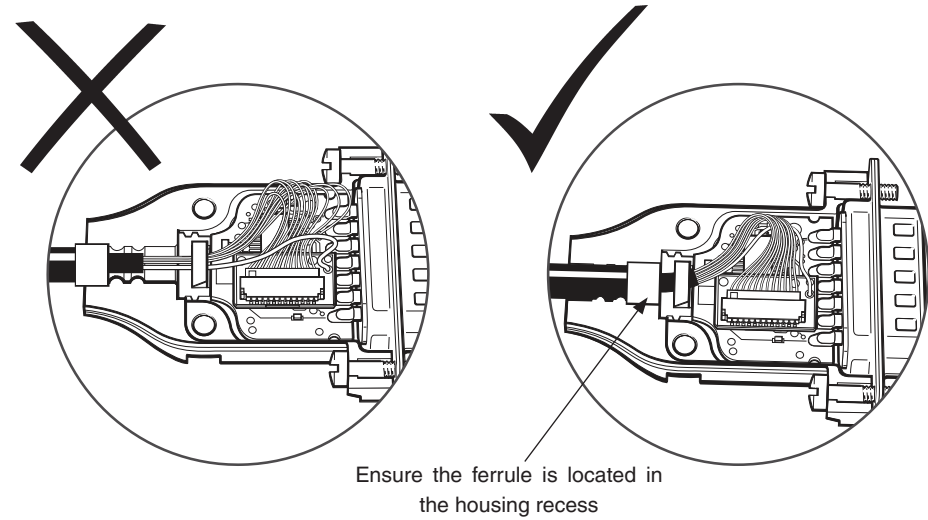
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**NOTE:** Care is required to hold the assembly together as the PCB is fixed only to the 15 way connector and the jack screws are loose.

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6. Ensure the cable ferrule is located in the recess on the inside of the bottom housing, the cable loops under the Ri cable guide, and no wires are at risk of being trapped, as you re-assemble the housing.
7. Refit the screws.



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