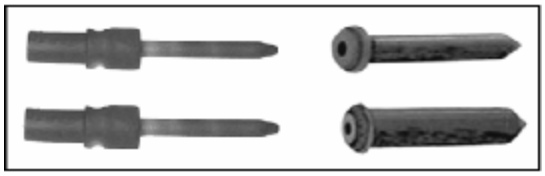
How to repair a damaged riser tube

In the event of a riser getting damaged and leaking, one of the advantages of Heliocol collectors is the ease with which the leaking riser can be removed, the leak repaired, and a replacement riser attached to maintain the uniform appearance of the panel.

A damaged riser is replaced using a Heliocol riser repair kit (consisting of two rubber sleeves and two plastic plugs), and the broken riser itself.

☑ **Note:** Water does not run through the replacement riser. The purpose of the replacement is only to maintain the uniform appearance of the panel.

Figure B1: Heliocol riser repair plug (left) and sleeve (right)

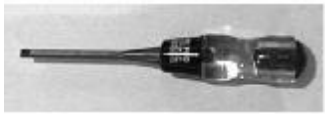


Cat. No.1202910 for panel **with** header **ribs**

Cat. No.1203910 for panel **without** header **ribs**

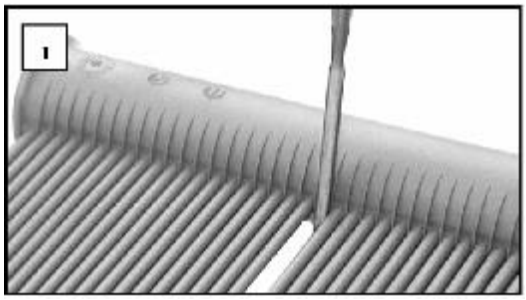
Figure B2: Heliocol riser repair tools:

Specific Heliocol repair handle Cat. No. 1202880



7 mm Chisel

Important: Do not use a chisel wider than 7mm, as you might damage the adjacent risers as you remove the broken riser.



1 . Using a 7 mm chisel and holding the flat side towards the header, cut through the damaged riser and flush against the header. A round hole is created in the manifold header.

Repeat at the other end of the riser and save the removed riser for use in the repair.

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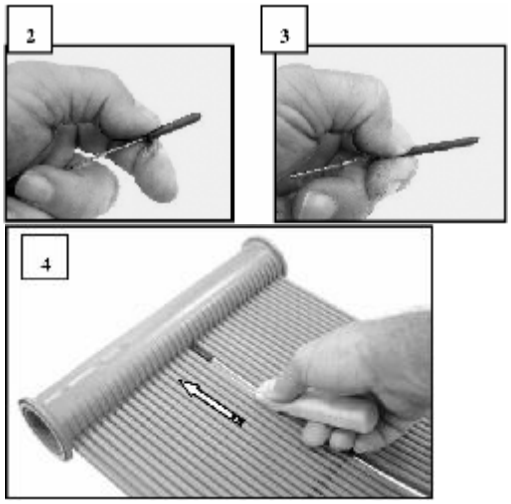
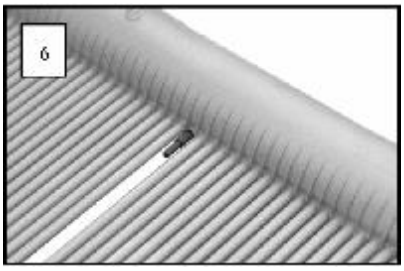


Spray the rubber sleeve with silicon spray and pull it over the small metal pin of the Heliocol repair handle.

Stretch and relax the rubber sleeve several times over the metal pin.

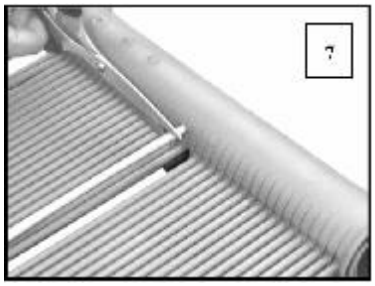
1 Using the repair handle gently push the rubber sleeve into one of the holes created by the removal of the riser, until only the head is showing.

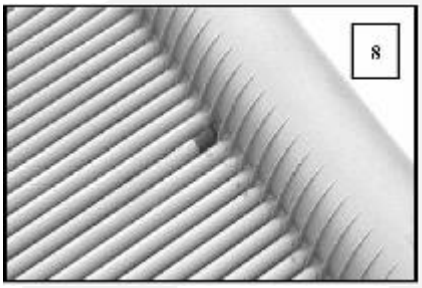


2 Push a plastic repair plug all the way down into the repair sleeve. You may use the rear part of the handle to push it firmly into the sleeve.

3 The hole is plugged and will not leak.

Repeat steps 4 and 5 for the hole in the header at the other end of the panel.





4 Cut the removed riser so it fits exactly between the broad heads of the plastic pins.

5 Fit the riser onto the stubs of the two repair plugs.

The panel is now leak-free while its uniform appearance is restored.

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