

E-Z Clip System

Assembly Instructions

Step 1. Cut the Hose

Cut the hose to proper length with an appropriate cutting tool. Weatherhead's hand-held hose cutter (FT1356) has been specially designed for cutting all non-wire reinforced hose, such as GH134W Multi-Refrigerant hose. Be sure the cut is made square to the hose length.



Step 2. Slip on Two Clips

Install two proper-sized clips onto the cut end of the hose. Orientation of the clips does not affect the performance of the connection. However, for ease of assembly, both clips should have the same orientation.

NOTE: Failure to slide the clips over the hose at this time will require the clips to be stretched over the hose or fitting later. This may permanently damage the clip.



Step 3. Insert the Nipple into the Hose

Insert the nipple into the hose. To ensure that the nipple is fully inserted, check the gap between the cut end of the hose and the shoulder on the nipple. Care should be taken to avoid kinking or other damage to the hose during nipple insertion.



Step 4. Snap on the Cage

Snap the cage into the groove on the nipple. The arms should extend over the hose length. When the cage has been correctly installed in the cage groove, the cage will be able to rotate in the groove. This step MUST be performed to ensure:

1. The clips will be located over the O-rings on the nipple.
2. The connection will be compatible with the connection's pressure rating.



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Assembly Instructions (cont.)

Step 5: Slide the Clips

Slide the clips over the cage arms and into the channels on each arm.

-16 Clips can be detached & related on the open position.



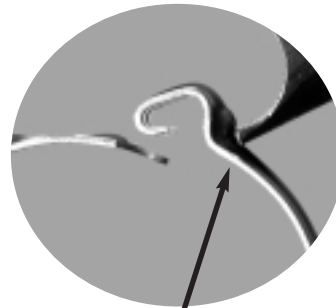
Step 6: Close the Clips

Use the **FT1357** or **FT1417** pliers to close the clips. The pliers should be positioned squarely on the clip connection points and should remain square during the closing of the clip.

-6 to -12: Nose of the pliers should be firmly seated under the assembly bump and lock latch.

If the pliers are not kept square during closing of the clip, the clasp may have an offset. Use the pliers to correct the clasp alignment.

FT1357 pliers



Correct



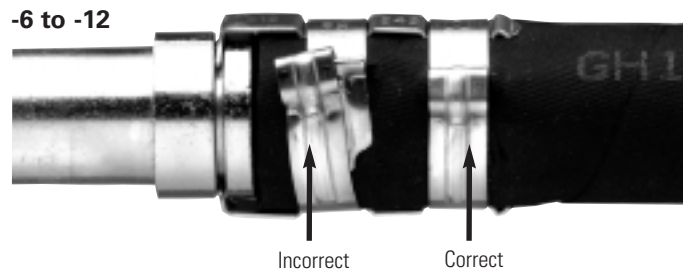
Incorrect

For easiest assembly, the clasp should be closed between the cage arms.

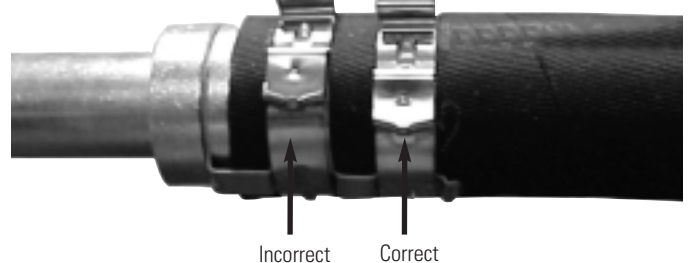
-16 Only

Be sure latch is full seated - if not, gently tap top latch until fully seated. See photo.

FT1417 pliers



-16 Only



Notice

E-Z Clip components should not be reused. For recommendations on cleaning and routing hose assemblies, please consult Assembly Bulletin A-HOAS-MR001-E.

-16 pliers: Manually indexing nose allows for offset assembly. 8mm wrench is required.



CAUTION: Failure to follow these assembly instructions and/or the use of Weatherhead hose with fittings supplied by other manufacturers may result in unreliable and unsafe hose assemblies, which may result in sudden or unintended escape of refrigerant gases. Personal injury and/or violations of EPA regulations may occur as a consequence. Eaton recommends adherence to all guidelines, including EPA guidelines, concerning the service of refrigerant systems.