



## SB-934111 SERVICE BULLETIN

6/19/2012

To: All Bee Access Dealers  
Re: Service Bulletin on Walk Thru C-stirrups, part no. 934111

The Walk Thru C-stirrup is a popular way to attach a hoist to a modular platform. Over the years, there have been at least 4 manufacturers that have made this style stirrup with slightly different design features and hoist mounting brackets. Unfortunately, due to some quality control issues on older stirrups and mixing of hoist mounting brackets, potentially dangerous situations can occur. Bee Access Products has developed some guidelines to assist you in identifying potential problems along with recommendations to either scrap or repair older Walk Thru C-stirrups that are no longer safe to use. Please contact Patrick to determine if repair is feasible.

We hope that these guidelines will be helpful to you in identifying your older and unsafe mis-matched Walk Thru C-stirrups. Let's solve your mixed inventory situation once and for all!

NOTE: make sure you forward this bulletin to customers that have purchased Walk Thru C-stirrups from you.

This picture shows a properly installed Bee Access Walk Thru C-stirrup, including a multi-hoist mounting bracket.



Picture 1



Check the lip of the Walk Thru C-stirrup that hooks onto the midrail. It should be sticking out 1-1/16" with a 1/16" tolerance. If too short it will not properly lock onto the midrail and the stirrup can slip off.

Check the distance from the midrail bracket to the bottom gusset plate (or top of the bottom support frame). It should not be more than 24" with a 1/16" tolerance.

Pictures 2 and 3 below show a job site situation where the lip was too short and the distance between the gusset and midrail mount exceeded 24". The contractor resorted to using wood shims to keep it from dislodging from the platform. The use of shims is not safe and is not recommended.



Some older model stirrups were made with a horizontal C-channel to accommodate the hoist mounting bracket. ONLY use the originally supplied mounting bracket with this model (Picture 4), do NOT use the Bee Access extended or multi-hoist mounting bracket, as the channel is not rated for the extra moment loads and will bend and deform during use (Picture 5). There will not be anything close to a 4:1 safety factor. In order to avoid mixing components, the best solution is to repair or scrap this style stirrup.

Picture 4



Picture 5



Picture 6

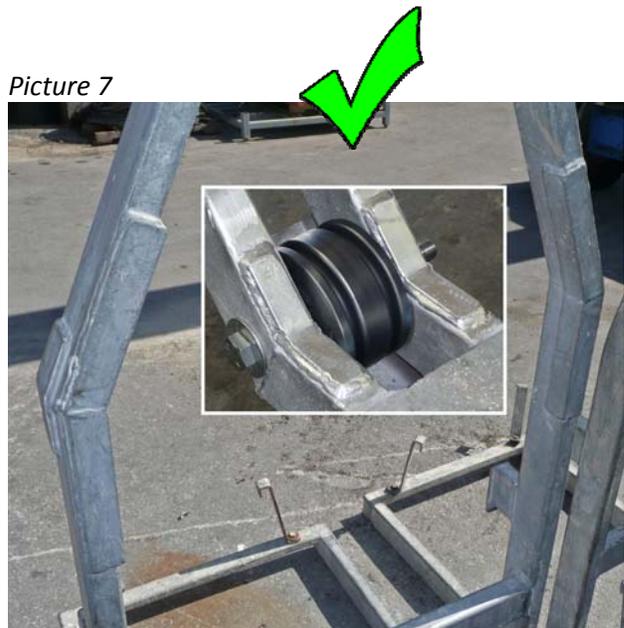


When using any kind of extended hoist mounting bracket, make sure the horizontal tube is 1-1/2x3" with a 3/16" thick wall.

Bee Access manufactures 2 types of stirrup frames: one using bent vertical tubes (picture 8) and one with welded tubes. Note that on the welded version, we add re-enforcement straps welded on the vertical tubes, as well as on the inside of the neck as shown in picture 7.

Some other manufacturers that weld the tubes do not use re-enforcement straps (picture 9) and in our opinion, should be upgraded or scrapped as we have seen weld failures in this area.

Picture 7



Picture 8



Picture 9



Older model Bee Access stirrups and current ones from competitors have inlet cable guides that are installed with retaining rings (picture 11). We have found that our newer style inlet guide with low profile lock nut is a more secure way of keeping the guide in place (picture 10). If the inlet guide is absent, severely damaged or worn, it could allow the wire rope to make direct contact with the steel frame, which could cause the wire rope to fail. We highly recommend you replace the inlet cable guides that have retaining rings with a type that has a lock nut.

Picture 10



Picture 11



Our current stirrups include 4-7/8" dia. Double Groove Sheaves with sealed stainless steel bearings (picture 13). The grooves are separated 1-1/2" on center. Older stirrups may require 5" dia. Double Groove Sheaves with 2" groove separation (picture 14). You can tell which one you need by measuring the distance of the inlet cable guides across the center of the holes (picture 12).

Picture 12



The original Altrex stirrups (the biggest and heaviest stirrups) will require 6" dia. single sheaves. These stirrups are at least 20 years old, so unless they are in good condition you may consider scrapping these.

Picture 13



Picture 14

