

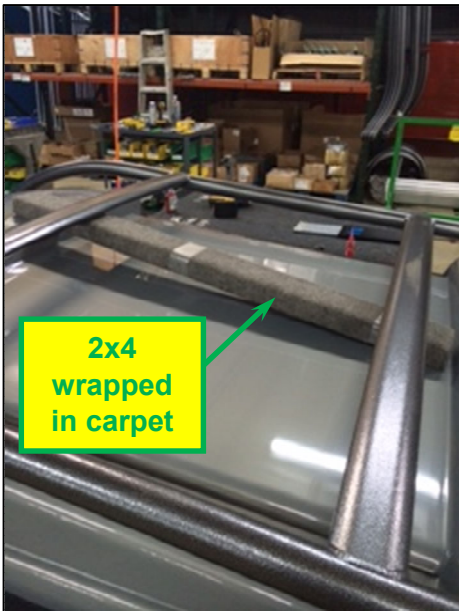
Tent Pod Air Spring Replacement

This technical bulletin describes the process for replacing one or both of the tent pod air springs

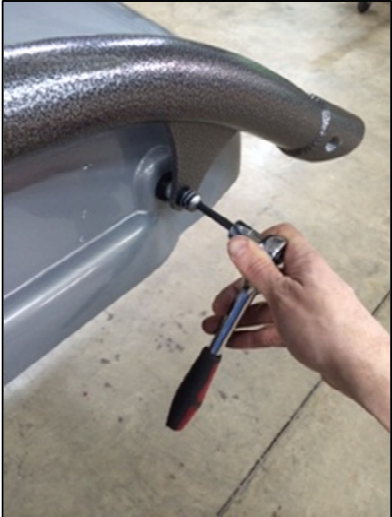


Remove the tent from the pod in accordance with the enclosed tent replacement instruction. Remove the two table/ bed panels as well. Close the unit back up. Using the winch handle, raise the pod and rack about 12" and use straps from above to secure it, or two people to hold it up. Turn each corner lift tube as shown and pull down to disengage each from the rack. Move the pod/rack assembly to a flat work surface.

In preparation for removing the aluminum rack from the plastic pod either secure it with straps hanging from above or, as shown in the picture place an object between the rack and plastic pod to keep from damaging the pod during removal. Be careful not to use an object that will scratch the pod surface.



After securing the rack, and using a 6mm hex wrench, loosen and remove the four cap head bolts holding the rack to the pod. Lift the rack off and set aside.

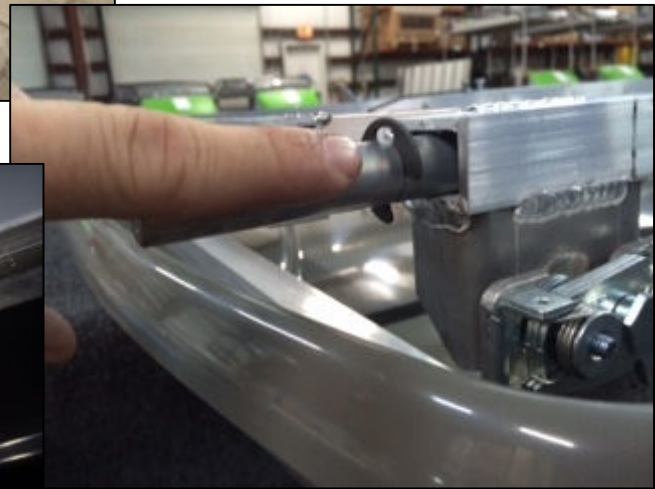


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We will now remove the upper pod shell.

Open the pod and place an object about 12-18" between the upper and lower pod crossbars to keep it open for the next step.



With the pod held open remove the clips from each end of the upper rear tubing that hold the cylindrical rod in place. Close the pod and slide the rod out, releasing the rear of the pod shell from the frame.



Slide rod out

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Move to the front of the pod, remove the black bushing from one side of the shell with channel locks (this will be difficult and will damage the bushing in the process) and flex the upper plastic pod shell away from, up, and over the frame. This will completely release the upper pod shell from the frame. Remove and set aside. Discard the damaged bushing.



Be careful not to damage the pod shell during this process.

The frame is now completely exposed as shown in the photograph. Remove the damper.



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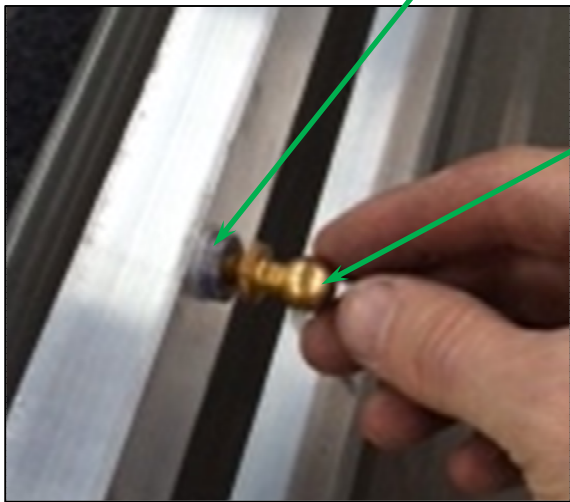
Remove the damaged rivnut, being careful not to damage the aluminum frame.

Install the new rivnut (enclosed), hand install the threaded gold colored ball stud with two drops of Loctite applied with two washers (all enclosed), and tighten.

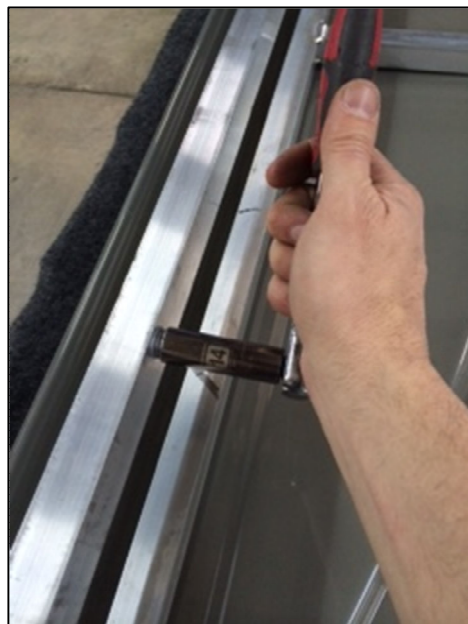
Rivnut



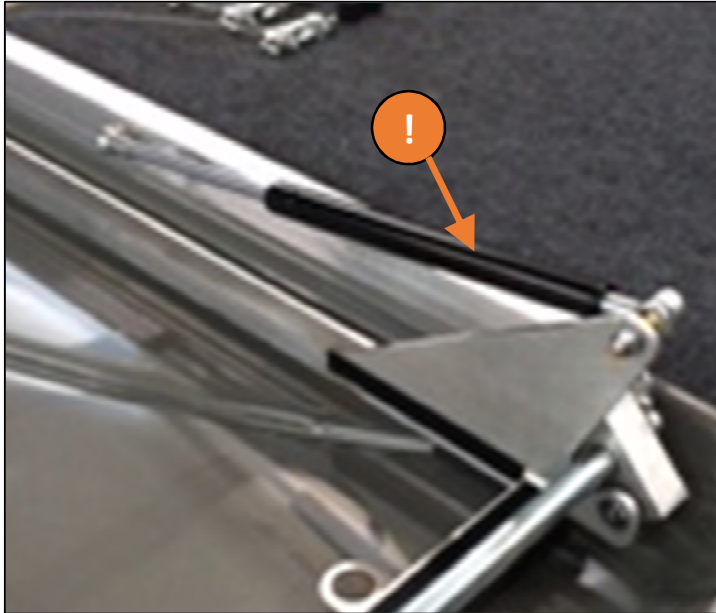
Two (2) Washers




Ball Stud



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The original air spring can now be reinstalled by placing it over the new ball stud and, using a pair of needle nose pliers, securing it with the wireform clip (enclosed).

 Note correct air spring orientation

The upper pod can now be reassembled in the reverse order that it was removed, using the replacement bushing and clips (enclosed).

The repaired pod can be reattached to the rack using the original 4 button head cap screws with two drops of Red Loctite applied to each prior to installation.

Finally, the whole assembly can be put back on to the trailer and the four lift tubes attached by pressing them up into each rack foot and turning them to engage the retaining buttons. Pull down to verify that each has locked into place.

Reinstall the tent using the attached tent replacement instructions.

