

### **Lippert Angle bracket modification from Lippert for spring hanger brackets**

Keystone should start installing this bracket that Lippert makes that was designed back in 2003 to correct problems with the spring hanger brackets breaking at the weld points

The bracket is simple and currently being sold by Lippert...

<https://store.lci1.com/ang-3313-x-3313-x-179-11813-103727...>

This would most likely prevent Alpine owners from cracking the spring hanger brackets where they are welded onto the frame..The design is simple, low cost and from a structural viewpoint looks to be effective

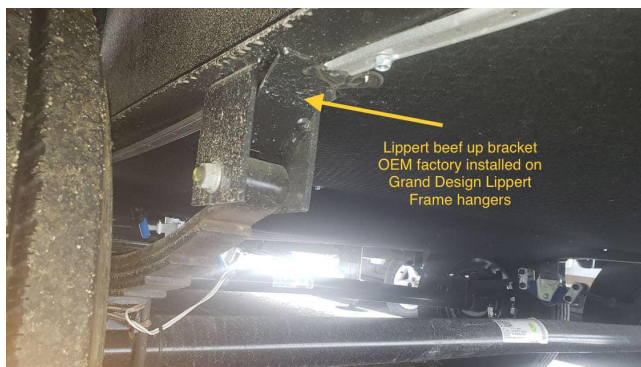
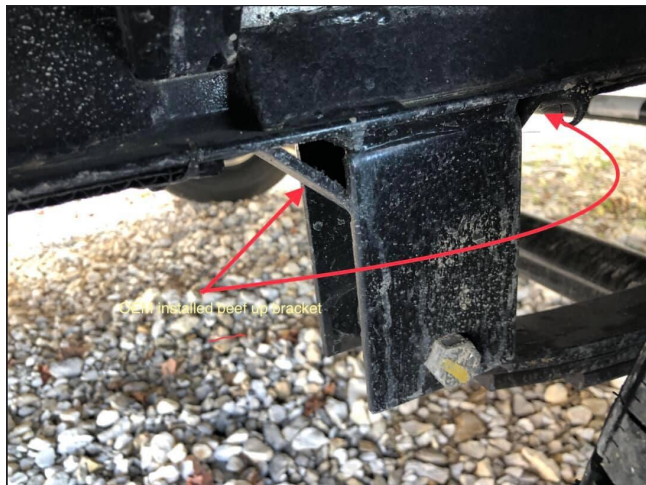
First image is a typical rear spring hanger broken bracket.. This is a Lippert Correct Track bracket that some Alpines are using.. Not all Alpines use the correct track setup



One more image of a broken spring hanger bracket .. this one is on a Non Lippert Correct track spring mount.. Typical Dexter assy like on my Alpine



Here are a few images of Lipperts Spring hanger brace welded in place.. The images are from some Grand Design fifth wheels made in 2021 and later.. This is now a Standard Option on some GD models



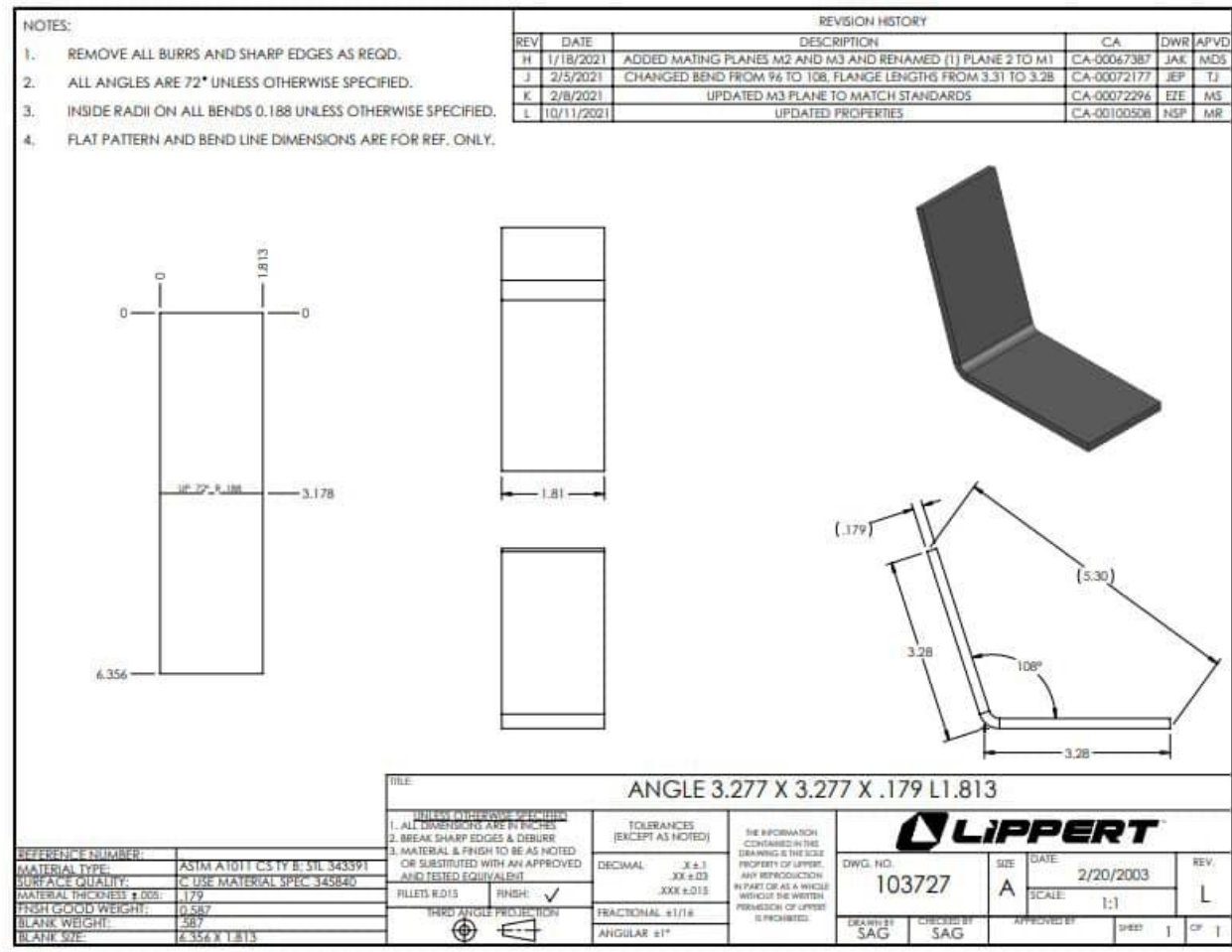
The next image is a Lippert brace bracket that was welded on by an owner..



This bracket is for the Lippert Correct Track mounted spring eyes... The Dexter spring hanger doesn't have the lipped edges and the hole is not slotted like shown above



The last image is Lipperts drawing for this support brace bracket for the spring hangers



NOTE.. This is standard on many Grand Design frames that the additional brace is welded on at the factory.

NOTE.. The usual cause of broken spring hanger brackets is backing an Alpine at sharp angles which puts a lot of added side stress and torque on the bracket itself

NOTE... if you look at the bottom original date of 2003 and then look at drawing updates some are in 2021 so the bracket is being used by some builders otherwise the drawing would not have been updated and the PN being available for sale on Lipperts website

Image from Grand Design RV Website.. This shows the beefed up bracket installation as Standard Option installed from the factory



Information in this PDF was obtained from online sources from various groups, companies, etc. It is informational use only to give the Alpine owner an option to consider for their current OEM spring hanger brackets...

A certified welder would be the best choice to have these brackets installed. Any good trailer frame and suspension shop could handle the task in a relative short period of time.

**DISCLAIMER** - I am not saying you need to do this modification to your Lippert frame on your Alpine. I am passing the information along for something to consider..

PDF created by Chuck Steed March 6, 2022