

Spring Eye Bushing Removal
By Paul Trosen
Written For: www.oilburners.net

The object of this document is to provide an example of how to remove your stock rubber bushings from the leaf spring eyes. I am going to document the removal of one bushing. Virtually any other leaf spring eye or shackle bushing removal can be done in the same manner.

I have heard of two other methods to remove these bushings. One requires that you burn out the existing rubber bushing. The other requires that you heat the outside of the spring eye and use an air hammer to remove the bushing. I have used the method described in this document to replace all of the bushings on my rig as well as a few others with good results.

Step 1 – Removing the center bushing:

With your leaf spring removed:



Insert the leaf spring in your bench vise:



Next, drill as many holes as possible through the old rubber bushing. I don't like to use good bits for this process. If you have an old set of dull bits they will work fine for this job. I have found that using a larger diameter bit works best. Something that will allow you to drill through the rubber without binding on the inner and outer metal bushing is ideal.



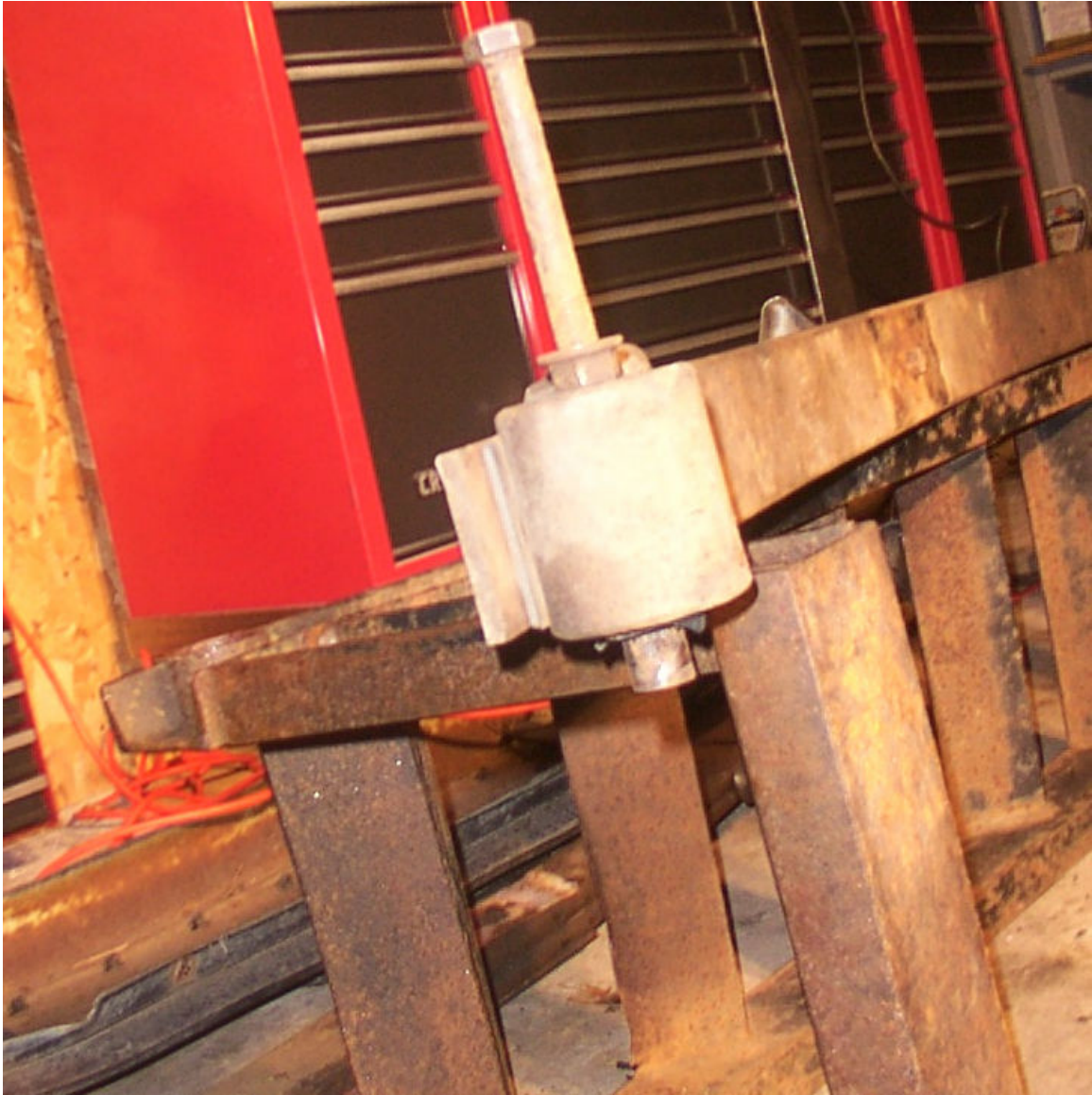
The following picture shows the holes drilled through the bushing. If the holes don't go all the way through the bushing, holes can be drill from the other side.



Remove the spring from the bench vise, and move the spring to a set of saw horses. Set it on the saw horses so the center bushing will be able to be driven out. I used a set of trailer ramps instead of saw horses.



Use a punch or an old spring bolt and nut with a hammer to start the bushing. Remove the center bushing the rest of the way with a pliers.





Step 2 – Removing the rubber bushing:

With the center bushing out, put the spring back in the bench vise. Thread a hacksaw through the hole you've created by removing the center bushing.

