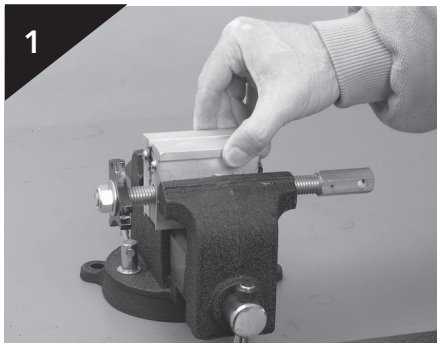
THE GOLFWORKS®

Assembly Instructions For:

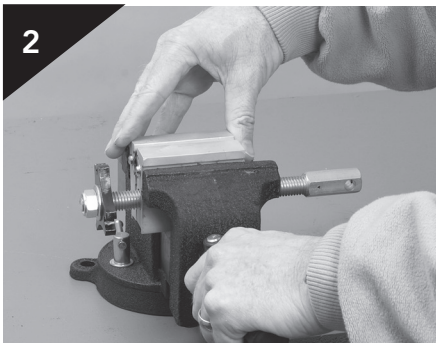
GolfWorks Value Shaft Extractor

Code: **GW1112**

The Golfworks Value Shaft Extractor was designed to remove most shafts quickly and easily. Shaft saver clamp fits in most standard bench top vises (vise not included).

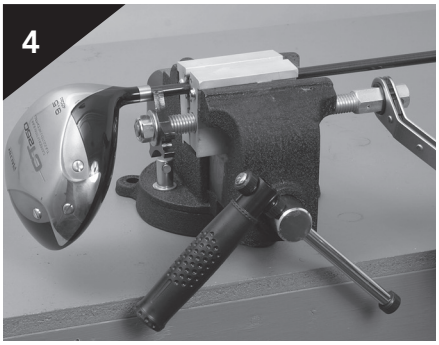


The GolfWorks Value Shaft Extractor was designed to fit in most standard vises. Simply place the shaft saver clamp into a standard vise as shown. Be sure the edge of the shaft saver clamp is even with the edge of the vise.



Tighten the jaws of the vise securely around the shaft saver clamp.

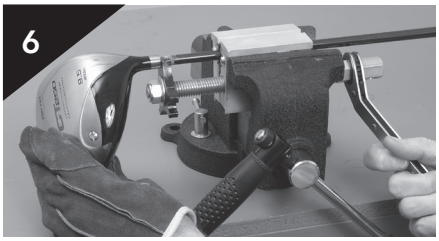
Before you place the club into the shaft saver clamp, be sure to remove the ferrule. Once the ferrule is removed, you can place a small 3/4" piece of masking tape around the shaft at the top of the hosel (the same area the ferrule occupied). This step is optional, but the masking tape can help prevent heat damage to the shaft.

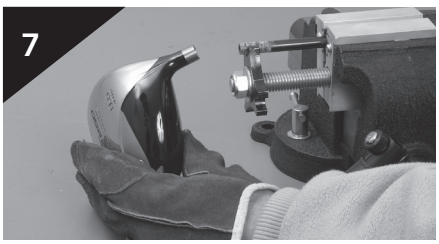


The Value Shaft Extractor has three different size options on the steel collar attached to the end of the bolt. When placing the shaft to be removed into the shaft saver clamp, rotate the correct size slot for that shaft into position. Be sure to tighten the vise to securely hold the shaft in place. The correct sized slotted collar should be as close to the top of the hosel as possible. By cranking the bolt with the ratchet tool provided, you can snug the steel collar up against the top of the hosel. Be sure the shaft is not moving when cranking. Once the collar is firmly tightened into place you are ready to apply the heat.

Apply heat to the hosel area using a heat gun. It is recommended to use a heat gun when removing graphite shafts. The heat gun will heat the area slower, but will be much less likely to damage the finish of the club or damage the graphite shaft. Move the heat gun back and forth up and down the hosel area as well as around the entire hosel. It is important to keep the heat gun moving. To much time with heat in one place can damage the finish of the club. During the heating process, be sure to check that the collar is tight against the top of the hosel by cranking he ratchet.

Heating time should be approximately 3 to 5 minutes for a metal wood or iron.





After heating the recommended period, turn the ratchet a half turn. If you feel or see the head release and begin to slide off the shaft continue to crank the ratchet until the head is removed. If the head does not release, reheat the hosel for a short period of time and try again. Once the head is loose, it is important to turn the wrench at a quick pace, removing the head from the shaft as quickly as possible. This will prevent heat damage to a graphite shaft. Patience is the key to this procedure.

CAUTION: You must where a heat resistant leather glove when handling a clubhead during or after the heating procedure.

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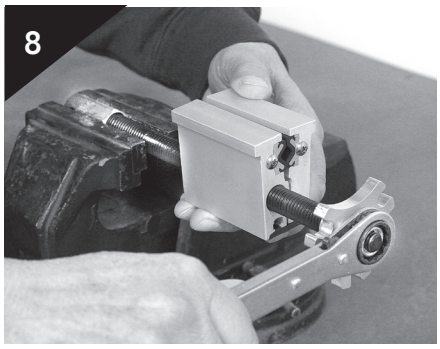
SHIPPING CODE **E**



Over time the lock nut that holds the force plate can tighten and cause the force plate to no longer rotate freely. Clamp the end of the extractor in a vise as shown in Photo 8. Use the ratchet wrench to loosen the lock nut allowing the force plate to again spin freely.