

**Extracts graphite shafts from irons and metal wood heads without marring them.
NOT for use on Wooden or Graphite Wood Heads**



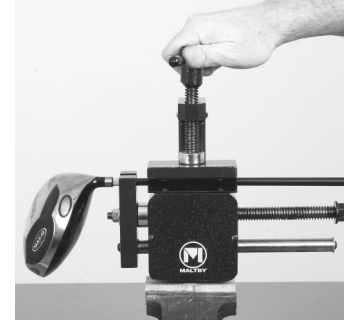
1. To set up extractor for use, secure in a vise (as shown).



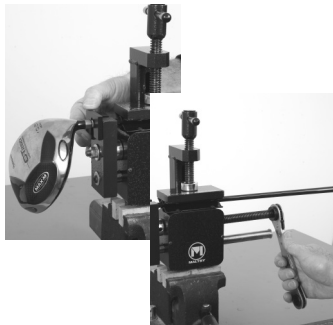
2. Remove the ferrule and wrap a 3/4" piece of masking tape around the shaft next to the hosel (as shown). Ferrules can be easily removed by slightly heating with a heat gun to soften, then carefully cut the ferrule off the shaft. Be careful not to cut into the shaft or scratch the head finish.



3. Before placing the club into the extractor, be sure the main pulling block is as close to the base or center of the puller as possible. Place the club into the extractor, making sure there is 1/2" distance between the top of the hosel and the main push block. This allows ample space to place the steel adaptor plate.



4. Place the top clamp piece over the shaft. Tighten top clamping handle until snug. **CAUTION: Over tightening can damage the shaft.**



5. Place the steel adaptor plate over the shaft between the hosel and the main push block. Make sure it is snug between the pull bar and the hosel. Using the ratchet provided, tighten the large hex head bolt until the main push block is snug against the steel adaptor plate and hosel.



6. Heat the hosel area using a Heat Gun (EHGK). Move the heat gun back and forth as well as around the entire hosel. Keep the heat gun moving. If heat is applied continuously to one spot, damage to the finish can occur. When heating metal woods and irons, allow approximately 3 minutes of heating time. Heating Notes: Heating is the most important part of the extracting operation. No extractor will extract without first breaking the epoxy bond with heat. There are many types of epoxies in the industry, all of which can have different break down temperatures.



7. After heating the hosel, turn the ratchet a half turn. If the head is loose, hold the head with your gloved hand while continuing to apply pressure with the ratchet until the head is completely removed from the shaft. If the head is not loose, reheat the hosel for a short time and try again. **DO NOT** twist and pull the head off of a graphite shaft, this could cause damage to the shaft. Patience is the key to successfully removing graphite shafts. The most common errors are applying too much heat too fast and twisting the head off graphite shafts. When removing steel shafts, the same procedures apply with the exception of twisting the head off the shaft. You may use a twisting motion to remove a head from a steel shaft once the epoxy bond is broken.



8. Keeping the pads and the clamp area clean is critical to how this machine will perform. Use alcohol, acetone or naphtha to clean these surfaces. A clean, tacky pad surface is essential to the shaft staying secure in the vise during the extracting operation.

USE CAUTION AT ALL TIMES:
-Make sure all cleaning solvents are removed from the area before any heating operation is performed.

-Wear eye protection. Avoid contact with heated club heads and machine parts during club head removal.

-Excessive force on the ratchet during the removal process may result in damage to the extractor and injury to the operator.