

PARTS LIST:

Main Extracting Unit

4-3/8 Washers

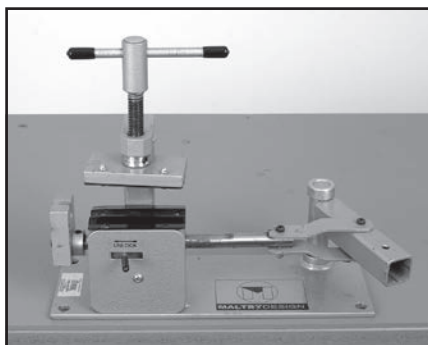
22" Long Pull Bar

Steel Adapting Plate

4-3/8-16 x 3 1/2 Carriage Bolts

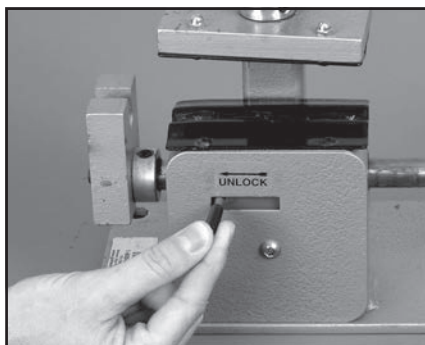
1 Adjustable Hose Clamp

4-3/8-16 Hex Nuts



1. Position the front of the machine at the front of the bench. Attach to the bench with the 3/8-16 x 3 1/2 carriage bolts, 3/8-16 hex nuts and 3/8 washers.

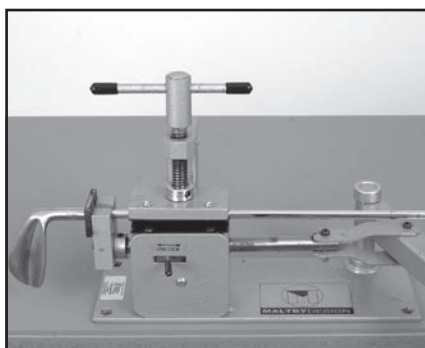
2. You can install the pull bar now or you can wait until you are ready to extract a golf head. Installation of the pull bar is simply sliding it into the square tubing with the pin pointing up. Slide it in until the pin pops into the hole in the square tubing.



3. This machine has an antickickback lock. This allows you to keep the pressure that you are applying locked in place. It also stops the pull bar from drifting back. To release this pressure pull the small pin with the black rubber cap away from the pull bar and at the same time push the pull bar back to it's starting position. Slide the pull bar back and forth to make sure everything is working properly.



4. Before removing a golf head you need to cut off the ferrule. After cutting the ferrule wrap 3/4" masking tape once around the shaft just above the hosel.



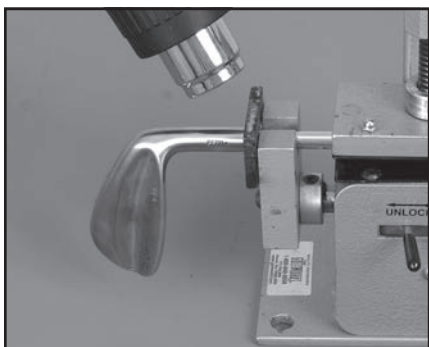
5. Make sure that the pull bar is all the way back in the starting position. Set the club into the jaws of the extractor. Make sure the end of the hosel is 1/2 inch away from the main push block and tighten in this position. This will give you ample space to place the steel adapting plate.

6. Do not over tighten.

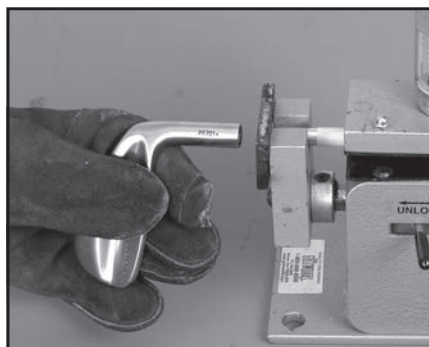
7. Place the steel adapting plate over the shaft between the hosel end and the main push block, then pull the pull bar until it is snug.

USE CAUTION AT ALL TIMES!

1. Wear eye protection
2. Avoid contact with heated golf heads and machine parts during club head removal
3. Excessive force on the pull bar may result in machine breakage or bending and injury to operator



8. Heat the hosel area using a heat gun or torch. Move the heat gun or torch back and forth as well as around the entire hosel. If left at a standstill too much heat is generated and damage to the finish will result. (Note; a torch burns hotter than a heat gun and will damage the finish faster.)

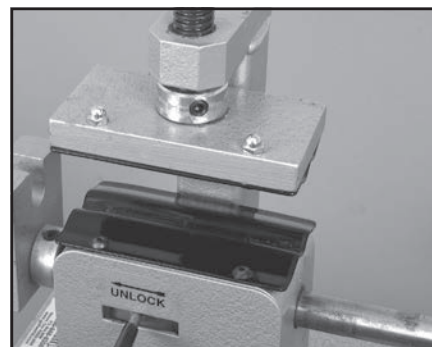


9. Heating Note: Heating is the most important part of extracting a golf head. NO extractor will extract without first breaking the epoxy bond with heat. There are thousands of epoxies in the industry, all with different breaking temperatures.

After heating the hosel, place your left hand on the clubhead (wear a leather glove on your left hand as the head will be hot). Then with your right hand begin to pull on the pull bar. If you feel the head release from the shaft, continue to push until the head is removed. If the head does not release, reheat the hosel and try again. Continue this until the head is removed.

10. As the head nears the end of the tip, be ready to grab it with your leather-gloved hand or let it drop into a pan of sand. Do not twist the head on graphite shafts, because it will tear the fibers.

11. After club head is removed, pull the antilock and release pull bar and slide it back to starting position.



12. Always keep the rubber tack pads clean.