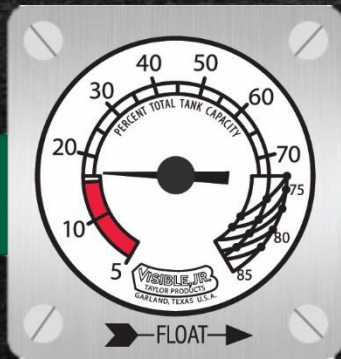


**S Q U I B B**



**T A Y L O R**

TP5 Service Guide



# TP-5-0022 Repair Kit

- 2 - P5-086-R1 O-Rings for Upper Housing
- 2 - P5-086-R0 O-Rings for Lower Housing
- 2 - Replacement Set Screws
- 1 - cap 112 Lubricant
- 1 - Sandpaper
- 1 - Instruction Manual





# Replacement of Upper Housing O-Rings

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## CAUTION:

Before attempting to remove the Female or Male Ball Sockets of either Tripod half, remove the #8-32 socket set screws.





# Upper Housing Step 1

Remove the Upper Housing from the riser.





## Upper Housing Step 2

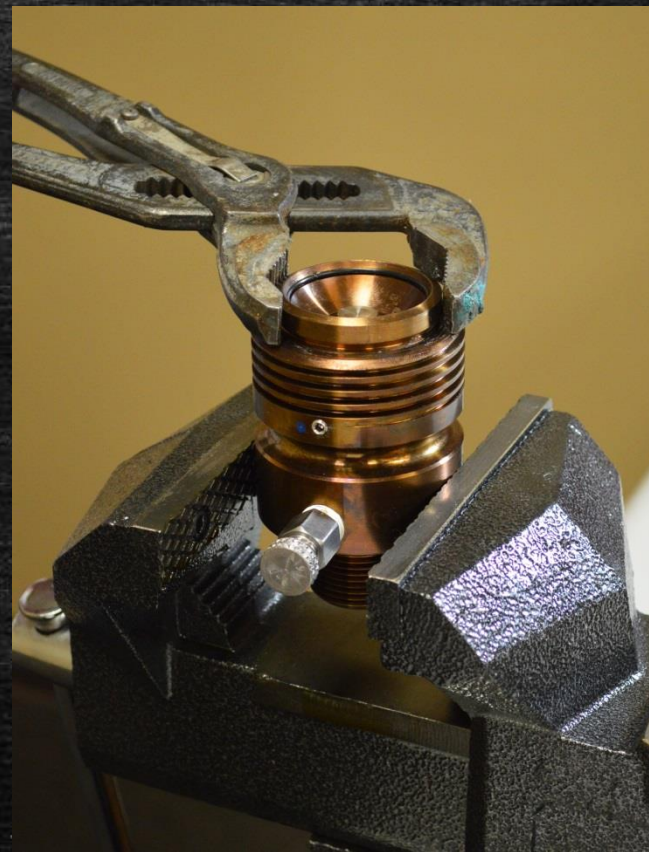
Flip the Upper Housing over and set it on its threaded end. This will prevent the Poppet assembly from falling out during disassembly.





## Upper Housing Step 3

Using two pipe wrenches hold the Upper Housing with a pipe wrench. Place the second pipe wrench on the Female Ball Socket and turn counterclockwise to remove. Do not remove Poppet.





# Upper Housing Step 4

Remove Upper Housing O-ring.





# Upper Housing Step 5

Clean O-ring sealing surface on the Upper Housing and ball-socket. Lubricate O-ring with 112 Lube from the repair kit. Place O-ring in Ball Socket groove.





# Upper Housing Step 6

If the Poppets are removed during disassembly install Poppet Support in Housing, then install Spring on Poppet stem and insert stem end into Poppet Support.





# Upper Housing Step 7

Before replacing the female ball socket, clean the male threads with a wire brush or solvent and wipe or blow dry with air.





# Upper Housing Step 8

Put female ball-socket in Upper Housing and tighten firmly with a pipe wrench. Install the #8-32 socket set screw into upper housing and tighten against female ball socket.





## Upper Housing Step 9

Verify that the Poppet works by compressing it a  $\frac{1}{4}$  inch. Then let it spring back and contact the back of the Ball Socket. If the Poppet does not contact the Ball socket verify that the Ball Socket is tight and the Poppet is correctly assembled.





# Upper Housing Step 10

Reconnect the Upper Housing from the riser.





# Replacement of Lower Housing O-Rings

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## CAUTION:

Before attempting to remove the Female or Male Ball Sockets of either Tripod half, remove the #8-32 socket set screws.





# Lower Housing Step 1

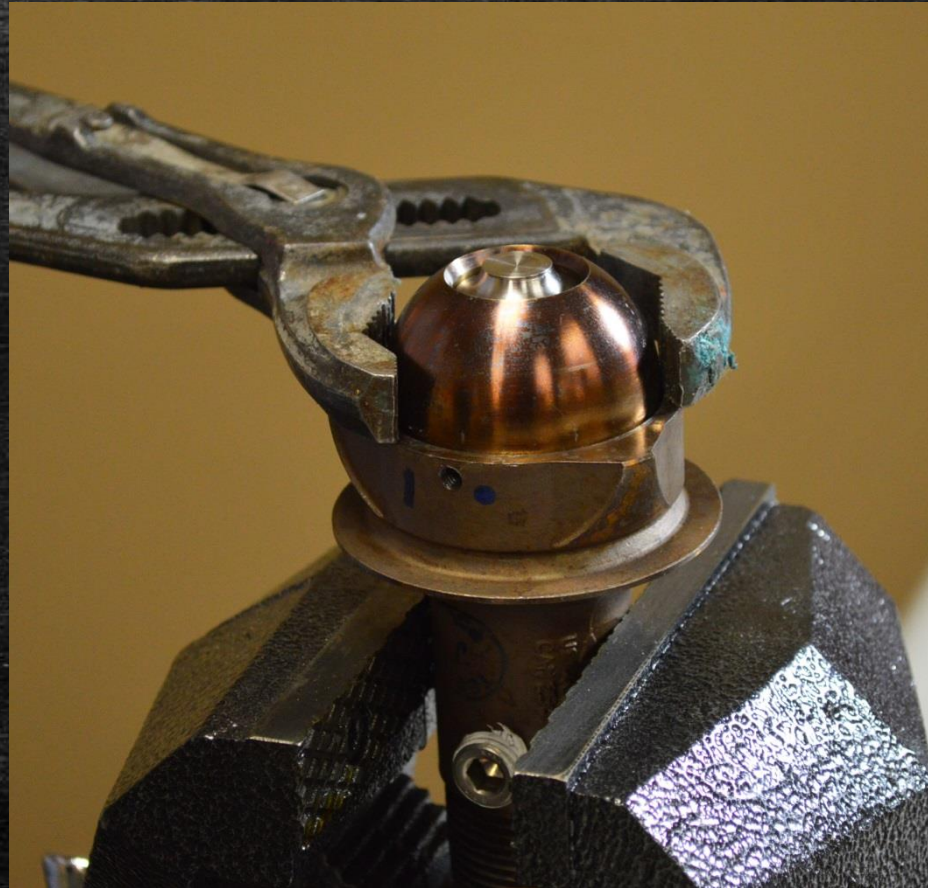
Remove the hose from the Lower Housing.





## Lower Housing Step 2

Set the Lower Housing on the threaded end. Using two pipe wrenches hold the Lower Housing with a pipe wrench. Place the second pipe wrench on the Male Ball Socket and turn counterclockwise to remove. Do not scratch the Ball Socket. Also do not remove Poppet.





## Lower Housing Step 3

Remove Lower Housing O-ring.





## Lower Housing Step 4

Clean O-ring sealing surface on the Lower Housing and Ball Socket.  
Lubricate O-ring with 112 Lube from the repair kit. Place O-ring in Lower Housing.





# Lower Housing Step 5

If the Poppets are removed during disassembly install Poppet Support in Housing, then install Spring on Poppet stem and insert stem end into Poppet Support.





# Lower Housing Step 6

Put Male Ball Socket in Lower Housing and tighten by hand making sure that O-ring is not pinched.





# Lower Housing Step 7

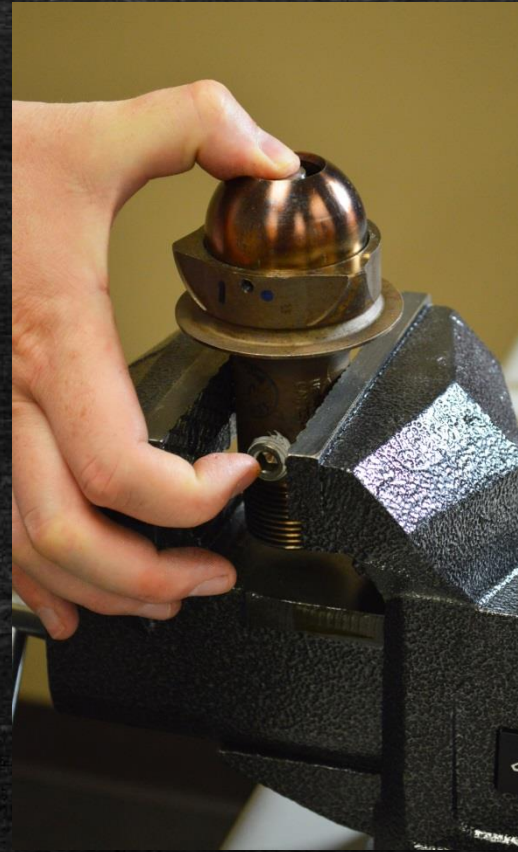
Tighten Ball Socket into the Lower Housing firmly with a pipe wrench. Install the #8-32 socket set screw into the lower housing and tighten against male ball socket.





## Lower Housing Step 8

Verify that the Poppet works by compressing it  $\frac{1}{4}$  inch. Then let it spring back and contact the back of the Ball Socket. If the Poppet does not contact the Ball Socket verify that the Ball Socket is tight and the Poppet is correctly assembled.





# Lower Housing Step 9

Reconnect the Lower Housing to the hose.







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Return The Riser Break-away To Service