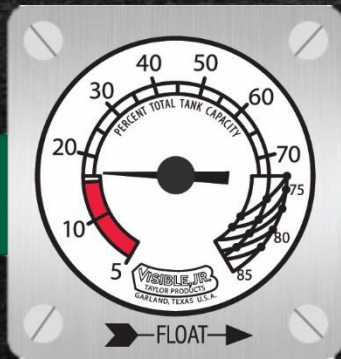


**S Q U I B B**



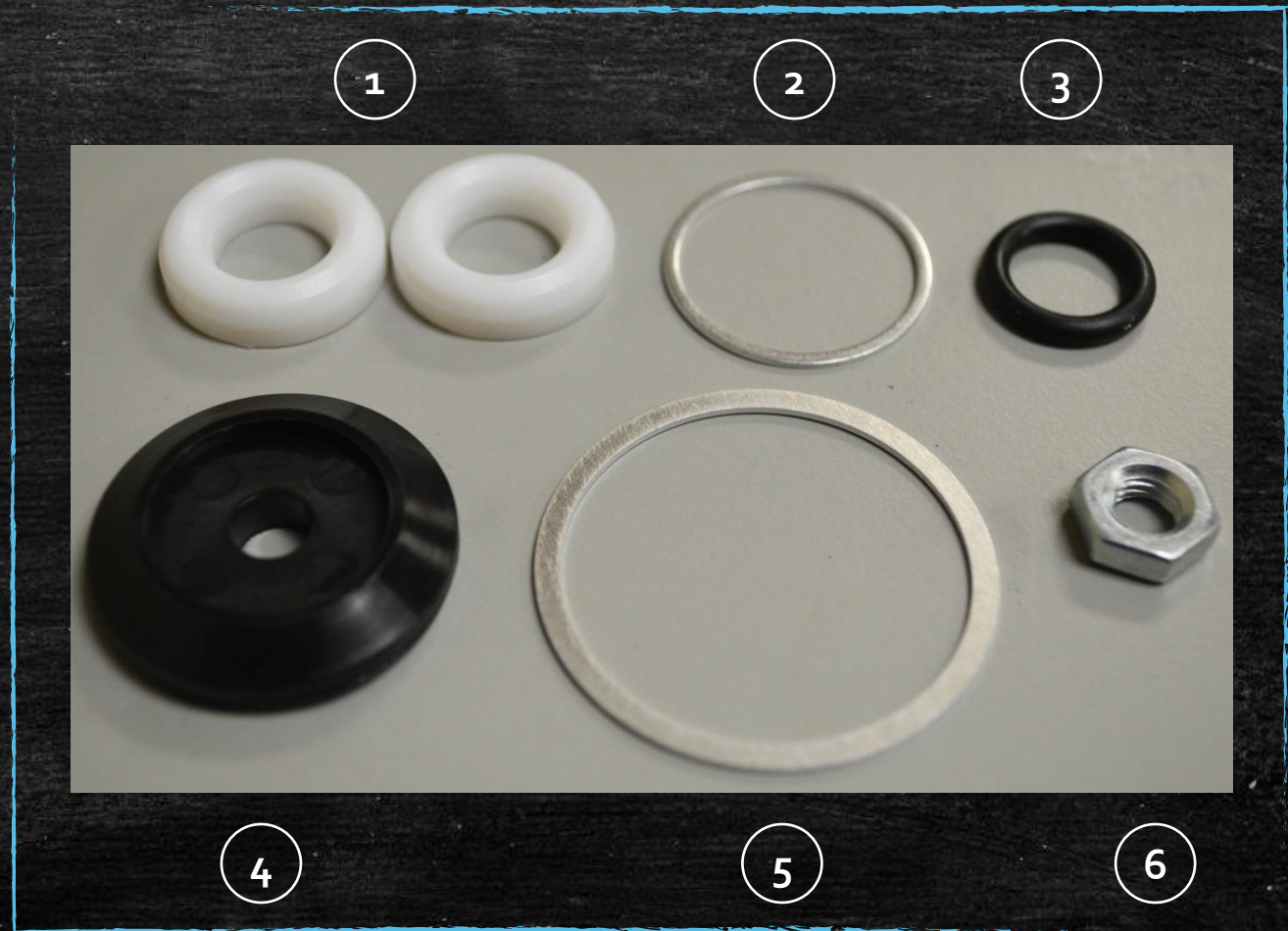
**T A Y L O R**

A525P & A1590P Service Guide



# 310-0022 Repair Kit

- #1 - 2 Pcs. 308-2005 Chevron Packing
- #2 - 1 Pc. 308-2016 Gasket
- #3 - 1 Pc. 308-2020 O-Ring
- #4 - 1 Pc. 310-3009 Disc
- #5 - 1 Pc. 310-2012 Body Gasket
- #6 - 1 Pc. 308-2011 Disc Nut





# Disassembly Procedure For Repair

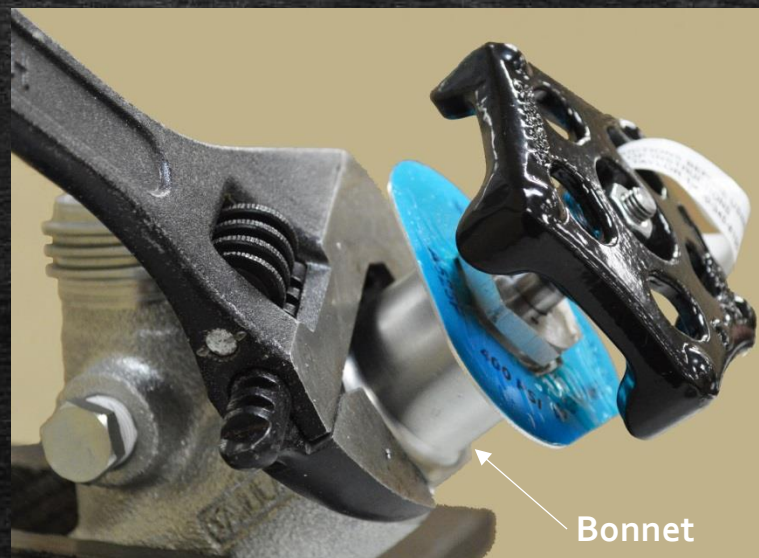
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# Disassembly Step 1

With valve secured in a bench vise, remove Bonnet from the Body, which will expose the complete Bonnet and Stem Assembly.

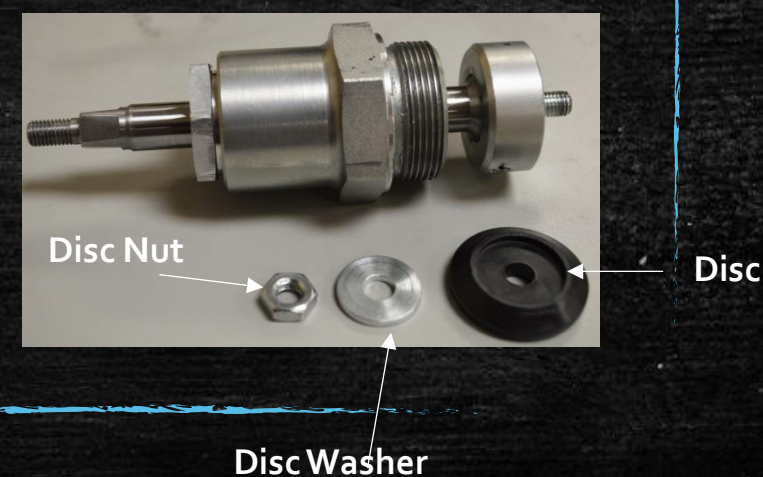
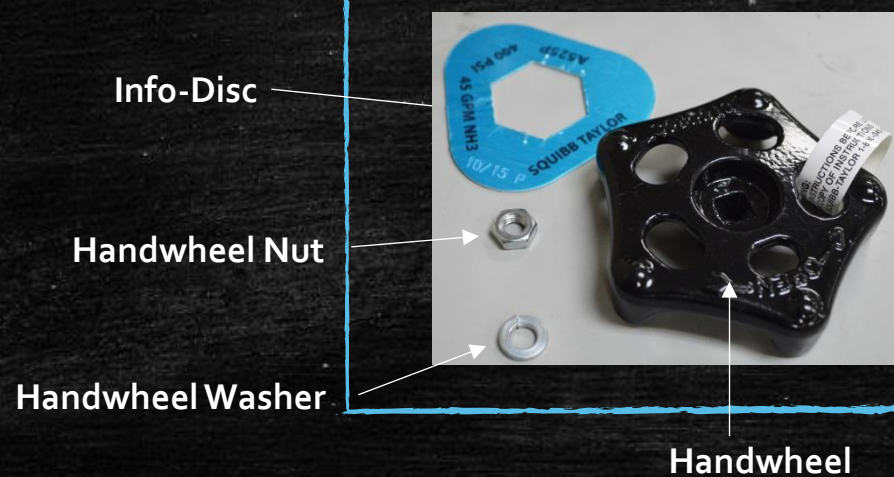
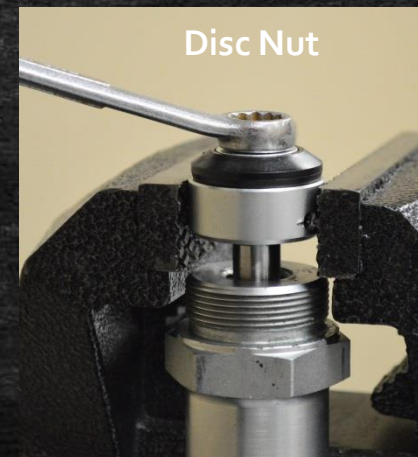
**NOTE:** It is important to inspect Disc Holder rotation. If it does not rotate freely, do not use valve but consult your local dealer for instructions. Remove old Gasket .





# Disassembly Step 2

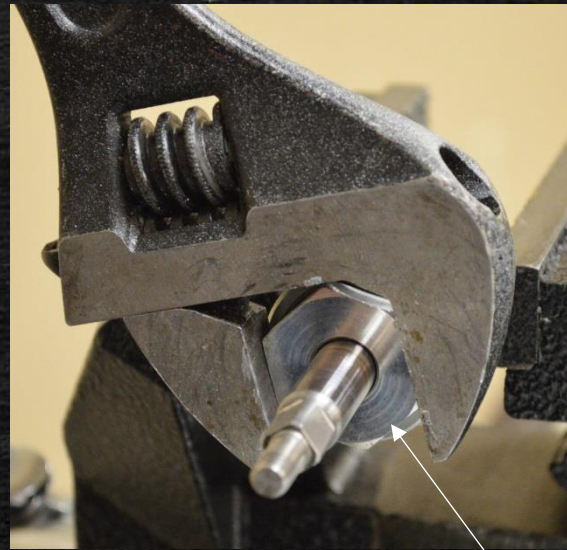
Secure Bonnet in a bench vise and remove both Handwheel and Disc Nuts. Remove Disc Washer, Disc, Handwheel, and Info-Disc.





# Disassembly Step 2 Continued

Remove Packing Nut, Chevron Packing, Male Adapter, and Packing Spring over the end of Stem.



Packing Nut

Stem

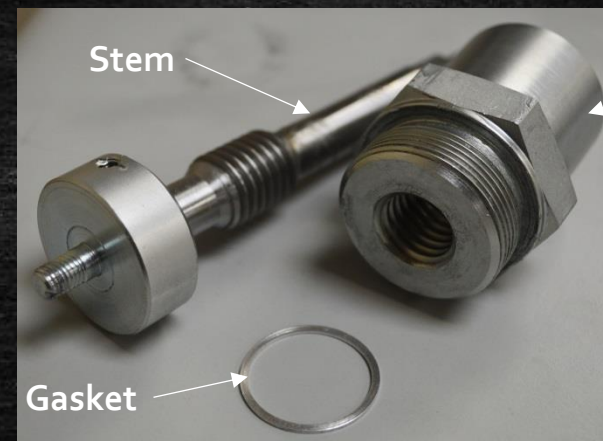
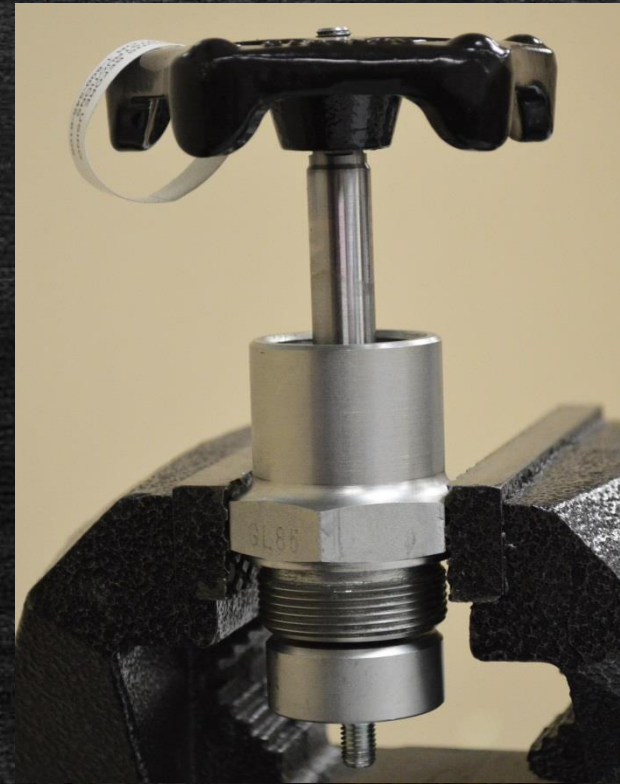
Male Adapter

Packing Spring



# Disassembly Step 3

Rotate Stem clockwise (CW) using Handwheel if necessary, until stem is disengaged from Bonnet. Remove old Gasket.



Bonnet

Stem

Gasket



# Assembly Procedure

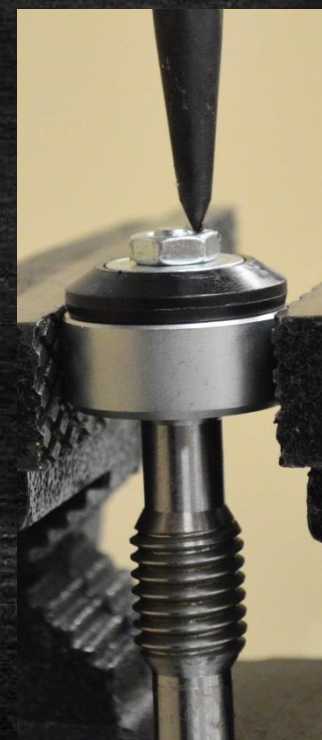
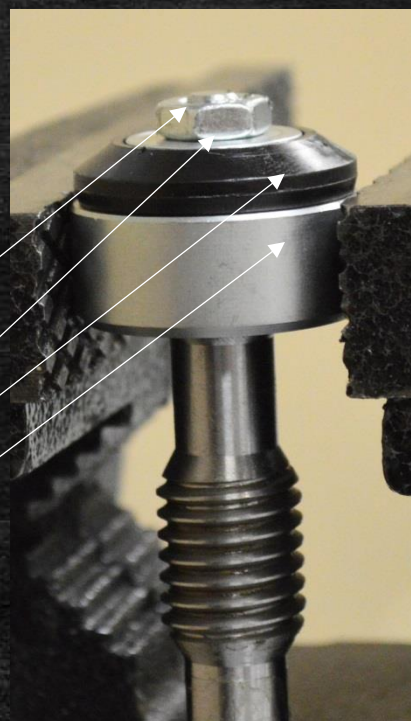
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# Assembly Step 1

Install Disc, Disc Washer, and Disc Nut to Disc Holder. Secure Disc Nut to threads of Disc Holder with center punch mark at thread interface.

Disc Nut  
Disc Washer  
Disc  
Disc Holder



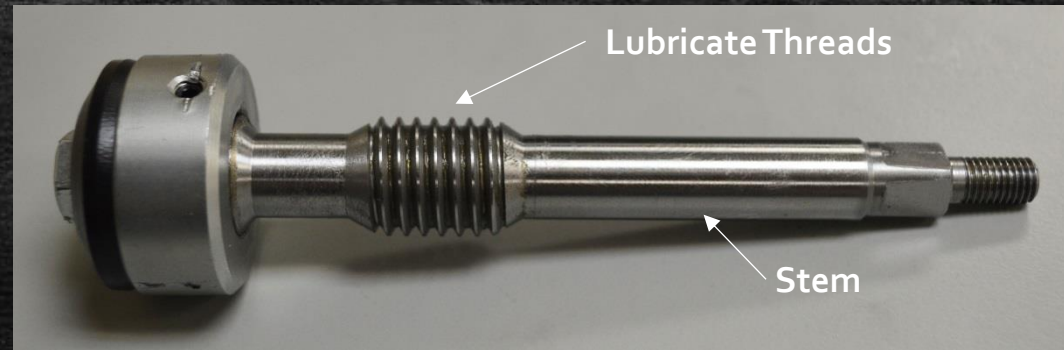
Punch Mark





# Assembly Step 2

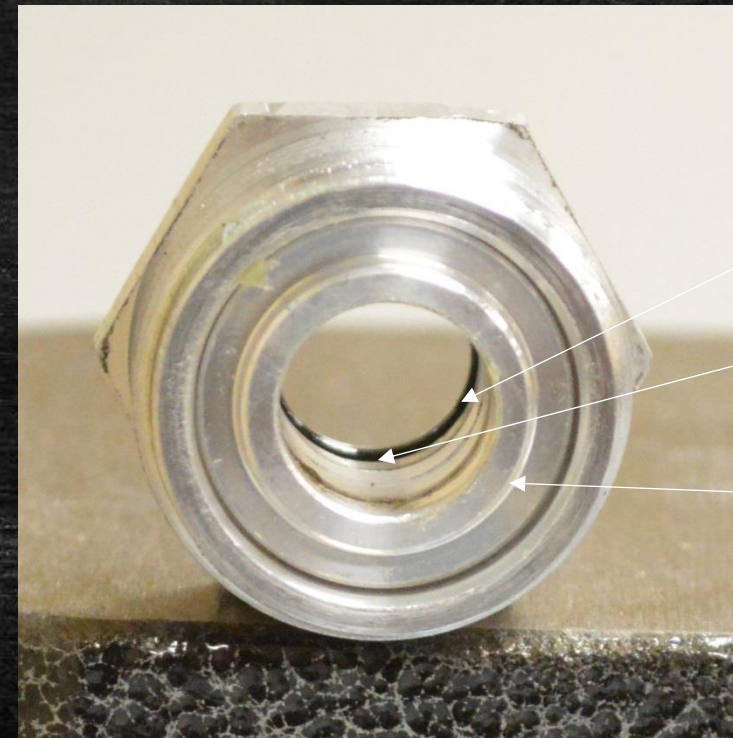
Lubricate threads of stem with a good quality grease and install Stem into Bonnet until Disc Holder rests against bottom of bonnet.





# Assembly Step 3

With the bonnet and stem assembly secured in a bench vise install Gasket and Packing Spring. Replace O-ring in groove of Packing Nut. Install Chevron Packing and Male Adapter into Packing Nut. Lubricate exposed surface of Stem with John Crane Style 279A Packing Lubricant or equal.

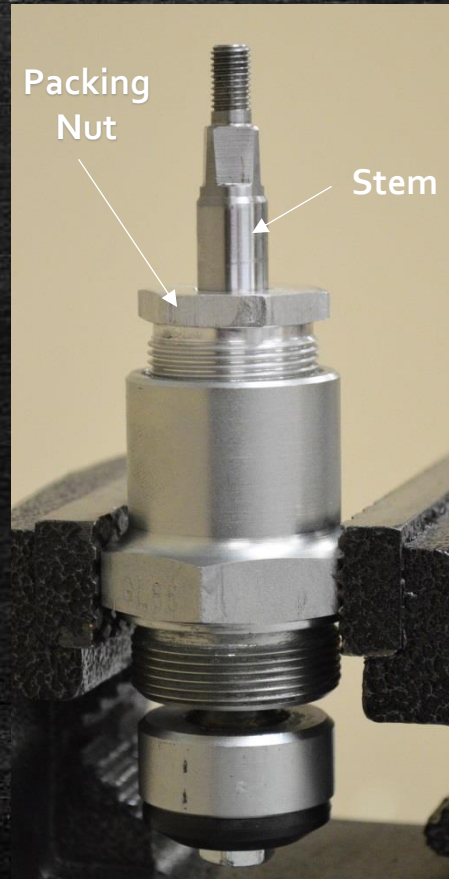


O-Ring  
Chevron  
Packing  
Male  
Adapter



# Assembly Step 4

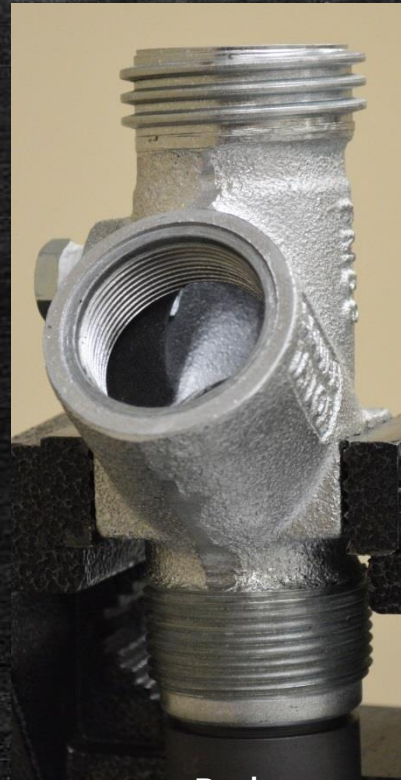
Place Packing Nut with packing in place over Stem and engage bonnet threads in Bonnet. Rotate Packing Nut while making contact with bonnet threads. Tighten packing nut with torque wrench to 55 ft./lbs..





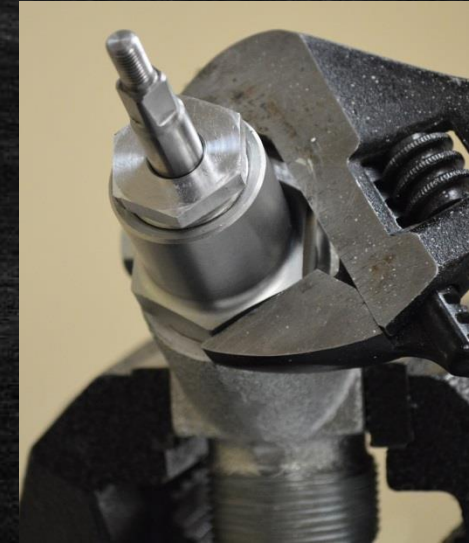
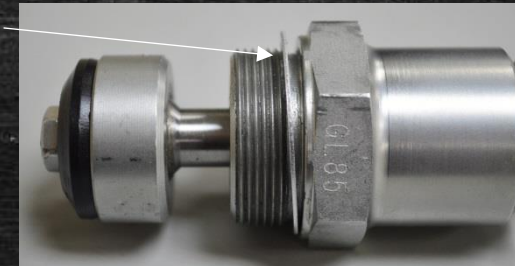
# Assembly Step 5

Secure Body in vise. Place Body Gasket over bonnet threads and lubricate threads with a good quality grease. Install bonnet assembly into body and tighten with torque wrench to 95 ft./lbs. Install Info disc. Install Handwheel, and tighten Handwheel Nut on Stem.



Body

Body Gasket





# Assembly Step 5 Continued

Install Info disc. Install Handwheel, and tighten Handwheel Nut on Stem. Check stem packing and valve seat for leaks. Operate handwheel full open to full closed to insure smooth operation.



Full Open



Full Closed