

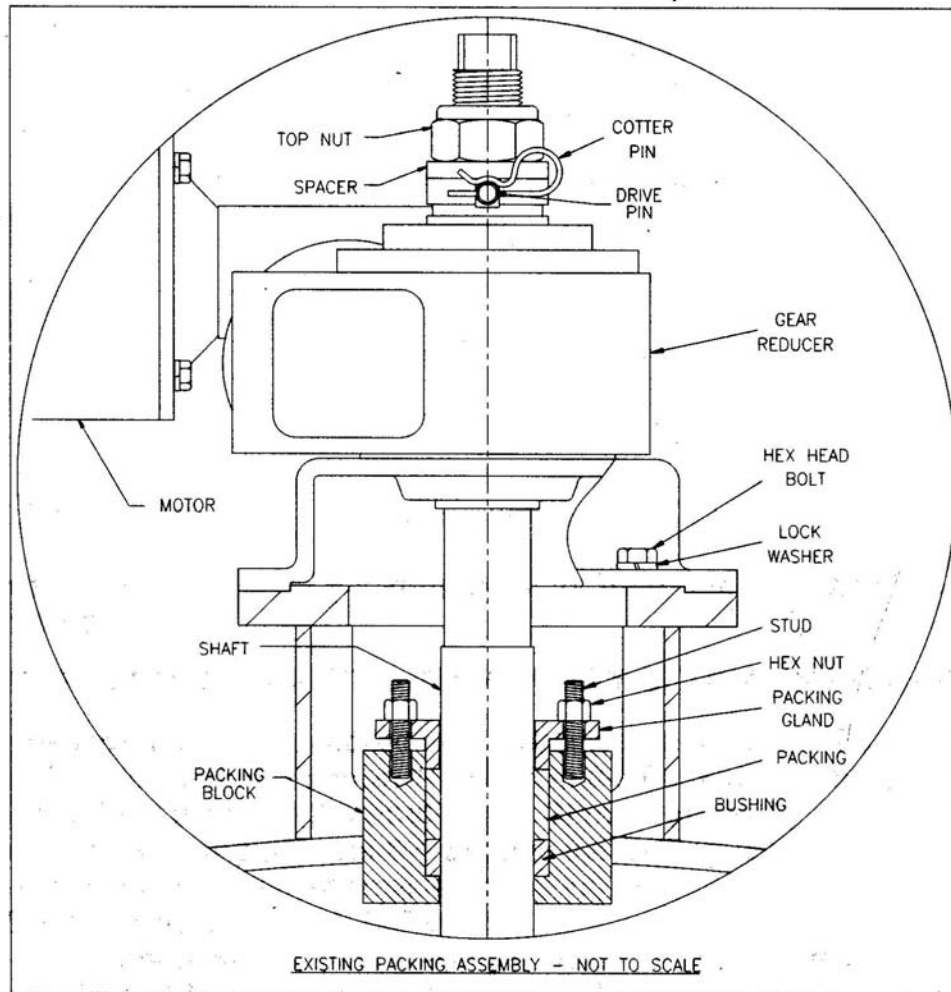


Eaton Filtration, LLC

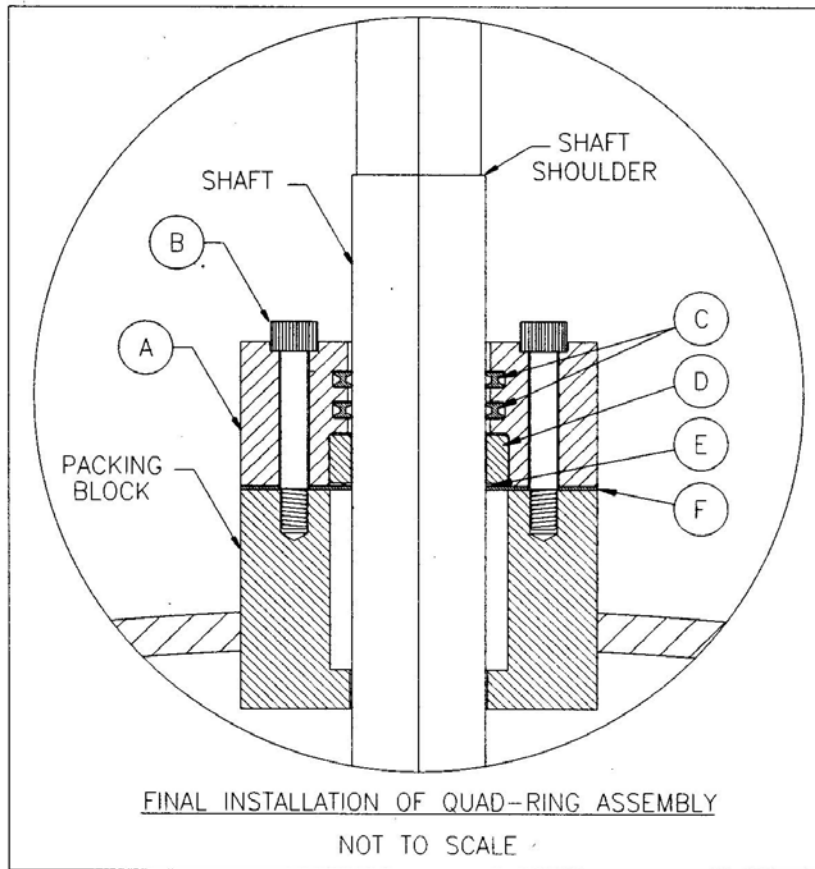
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**Installation, Operation &
Service Manual**

**Model 2596 Shaft
Seal Replacement**



1. Remove Cotter Pin and Drive Pin.
2. Remove Top Nut from Shaft and then the Spacer.
3. Remove four (4) Hex Head Bolts and Lock Washers.
4. Lift Motor/Gear Reducer evenly and slide off the Shaft.
5. Remove Hex Nuts and Packing Gland.
6. Remove Studs and Packing.
7. Remove old Bushing, if possible.
8. Clean Shaft of all dirt.



9. Polish Shaft from top of Packing Block to Shaft Shoulder with Crocus Cloth provided.

NOTE: IF SHAFT IS SOURED OR PITTED IN PROXIMITY OF QUAD RINGS, REPLACE SHAFT.

10. Apply gasket sealant (supplied or compatible sealant) to the Packing Block top.
11. Slide Gland Gasket (F) down the Shaft to the Packing Block.
12. Slide O-Ring (E) down the Shaft to the Gland Gasket (F).
13. Slide new Bushing (D) over the Shaft to the O-Ring (E).
14. Cut the Shim (blue sheet provided in the kit) to a 4.31" x 3" piece for $\varnothing 1 \frac{3}{8}$ " shaft or a 5.90" x 4" piece for a $\varnothing 1 \frac{7}{8}$ " shaft.
15. Wrap the Shim around the shaft keeping shoulder of shaft centered to the Shim. Use a small piece of Tape to hold shim ends together. Tape above Shaft shoulder.
16. Lubricate the two (2) Quad-Rings © with a light film of *Process Compatible Grease* and insert each Into the Bearing Housing (A).
17. Slide Bearing Housing (A) over the Shaft, over the Shim (covering the shoulder) continuing down the Shaft until the Bearing Housing (A) rests on the Packing Block and over the Bearing Housing (A).
18. Align holes in Bearing Housing (A) and Gland Gasket (F) to the Packing Block.
19. Remove the Shim from Shaft.
20. Insert and screw the Socket Head Cap Screws (B) into Bearing Housing (A) going through the Gland Gasket (F) and into Packing Block until tight.
21. Re-assemble Motor/Gear Reducer section at this time. Reversing Steps 1 through 4.

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When a cast strainer won't meet the applications requirements because of size, weight or design Eaton offers standard fabricated strainers to meet exact customer requirements. without any trade-offs. When a standard design fabricated strainer will not meet an application's requirements Eaton's design team can work with customers to create a unique one that will.

Eaton also offers Automatic Self-Cleaning strainers. These are motorized strainers designed for the continuous removal of entrained solids from liquids in pipeline systems. The strainer operates un-attended and the system flow never has to be shut down for strainer element cleaning. These strainers are available in both cast and fabricated types.

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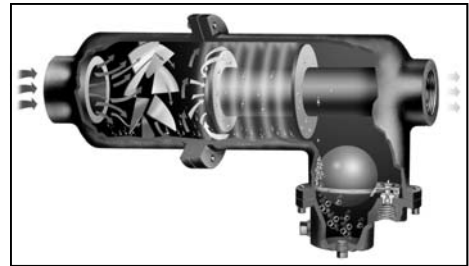
the consistent, reliable performance that you demand. Eaton Filter Bags fit all Eaton Filter Housings and the housings of most other manufacturers as well.

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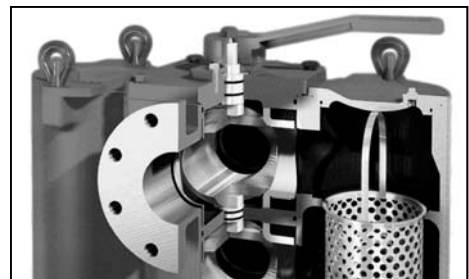


Filtration Systems

With Eaton Filter Housings you have your choice of high grade investment cast construction or engineered fabricated construction in stainless steel or carbon steel. Or, for extremely corrosive or ultra-pure services, you can choose all-plastic construction. You can be sure Eaton Filter Housings will meet specifications because they are all made to ISO 9001:2000 Standards. Eaton has representatives in over 40 countries, experienced professionals to provide the filtration help you need, when and where you need it.



Choosing the correct filter bag is critical to the success of you application. Don't trust anything less than a filter bag from Eaton. They're made under ISO 9001:2000 Standards to ensure



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