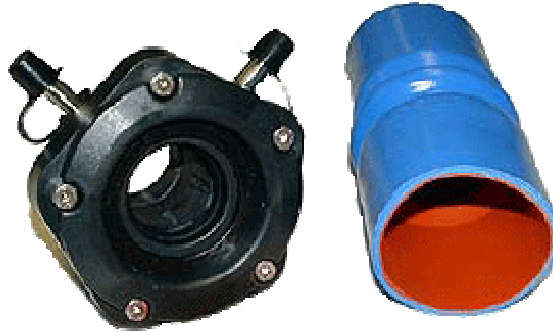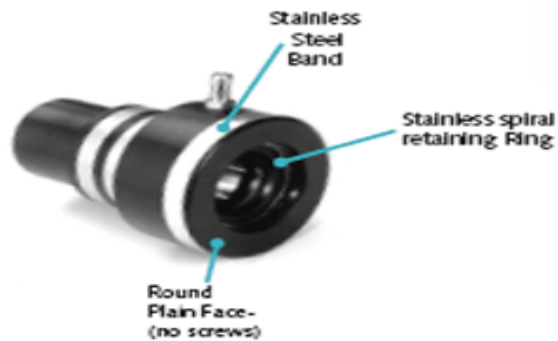# Lip Seal Replacement Guide

SureSeal - Lip Seal Replacement with Spare Seal Carrier in Place

- Inspect the exposed shaft surface between the Spare Seal Carrier and the SureSeal®. Be certain that it is clean and free of any nicks or burrs which might damage the replacement lip seals. If necessary, you may polish the shaft using 220-300 grit wet/dry sandpaper working radially around the shaft.
- Remove the five cap screws from the front of the housing.
- Slide the front cap forward, passing over the replacement lip seal(s).
- Separate the split retaining washer from the back of the cap and remove it from the shaft.
- Pry out the old lip seal with a screw driver working alternately on opposite sides. Cut the old seal off of the shaft with diagonal pliers.
- Carefully slide the replacement seal down the shaft and into the chanfered opening in the front of the housing.
- Return the split retaining washer to the shaft in front of the new lip seal. Fit the split retaining washer into it's recess inside the cap.
- Slide cap and washer back toward the SureSeal body until they touch the lip seal. Align the holes and start the cap screws.
- Alternately tighten cap screws in a criss-cross pattern, pressing the lip seal into the opening. The new seal is seated properly when the cap and housing touch.

StrongSeal - Lip Seal Replacement with Spare Seal Carrier in Place

Stainless Steel Band

Stainless spiral retaining Ring

Round Plain Face- (no screws)

- Inspect the exposed shaft surface between the Spare Seal Carrier and the Strong Seal. Be certain that it is clean and free of any nicks or burrs which might damage the replacement lip seals. If necessary, you may polish the shaft using 220-300 grit wet/dry sandpaper working radially around the shaft.
- Remove the SS Retaining Ring from the front the Strong Seal unit. DO NOT DISPOSE OF IT. You may first need to loosen the screws on the Spare Seal Carrier and slide it away from the Strong Seal for better access. Once it is out of the Strong Seal, carefully remove it from the shaft and set it aside. YOU WILL NEED THIS PART TO COMPLETE THE REPAIR.
- Remove the screws from the Spare Seal Carrier and separate the halves exposing the spare replacement lip seal(s).
- Using a hook or needle nose pliers, remove the worn lip seal and cut it off the shaft USING A DIAGONAL PLIERS.

DO NOT PRY ON SEAL BODY.

- Carefully slide the replacement lip seal down the shaft until it touches the Strong Seal unit.
- Reassemble the Spare Seal Carrier housing on the shaft with the long shoulder touching the replacement seal. Do not tighten assembly screws fully as the housing must be able to slide down the shaft and into the front of the Strong Seal unit.
- With a mallet or hammer, gently tap the end face of the carrier housing to drive the lip seal into position. Be careful not to damage the shaft or housing.
- When the lip seal is properly seated in the Strong Seal housing, the groove which accepts the retaining ring will be fully visible.
- Remove the carrier and reinstall the retaining ring.
- If the Spare Seal Carrier contained two spare seals, the Spare Seal Carrier should be reassembled over the remaining seal as before.

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