

Removal and Refitting of Rudder Simmer Seals – HR 53

1. Secure the rudderstock – screw an eyebolt into the top end of rudder stock, attach a turnbuckle/winch arrangement to the eyebolt and support.
2. Unbolt and remove the steering gear.
3. Unbolt and remove the steering quadrant and quadrant key.
4. Unbolt and remove the pilot-drive arm.
5. Mark the position and release the upper bearing support collar, allowing both the collar and the radial bearing to be lowered.
6. Mark the radial position, unbolt and remove the upper bearing housing. Remove both collar and radial bearing.
7. Mark the radial position and release the lower locking collar.
8. Gently lower the rudder (approx. 15mm) resting it on the lower skeg fitting situated below the water line.
9. Undo the lifting gear and remove the lower locking collar and thrust washer.
10. Draw out the damaged simmer seals and inspect the rudderstock. Grease the rudderstock and carefully fit both the new seals. Take great care, making certain there are no burrs or sharp edges before sliding the new seals down the rudder stock. Note; both seals should be fitted in the same direction, flat side facing up so as to seal towards the sea.
11. Reverse the above steps to rebuild the rudder assembly.

Simmer seal **80 x 100 x 10mm (Stainless Steel spring)**
Art nr. R080-10010

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