

Dichtomatik™ Rear crank journal resurfacing kit

This procedure has not been performed nor evaluated by RigMaster, it is provided as advice only. Should you choose to perform this repair you must use your own judgement about the fit of the parts mentioned below.

When seals contact a shaft for long periods they can wear grooves in the shaft surface which causes leaking that can persist even if the seal is replaced.

A “sleeve” kit available to resurface the crankshaft journal that the rear engine seal rides on. The kit is not sold by RigMaster, it is available from parts shops or tooling supply companies.

Kit is made by “Dichtomatik™ Americas TCN”
part number 99266
Shaft size 2.675” (range 2.670” – 2.677”)

(<https://catalog.dichtomatik.us/>)

product search page: (<https://catalog.dichtomatik.us/catalog/search.aspx>)

Important note: the sleeve supplied is the same width as the crank journal that the seal rides on. You will need to:

- Install the sleeve onto the crankshaft and install the new rear seal.
- Cut about 10mm off the sleeve so that the flywheel can be reinstalled or else it will not fit onto the larger diameter of the new sleeve.

Back plate bolt torque: 11 ft.lbs.

Flywheel bolt torque: 54 ft.lbs.

Pulley Adapter: 37 ft.lbs.

Drive Pulley: 37 ft.lbs.