

Bavaria 34

Rudder Bearings

30 June 2006

Opal Marine

DIVISION OF PETERS PLC

Date: 30 June 2006
Subject: Rudder bearings
Boat: Bavaria

Type 1 fitted to 2005 2006 Bavaria 30 & 33 as well as other boats



GRP locating socket laminate as part of the hull



Lower rudder bearing fitted over the rudderstock



Upper rudder bearing housing

Drag link to steering pedestal

Tiller arm

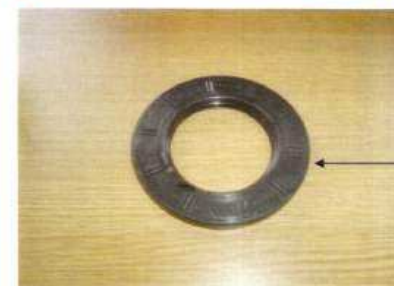
Key way

Sealing ring

Rubber boot

Aluminium extension tube

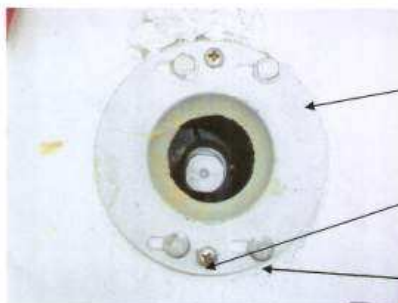
Sealing epoxy



Sealing ring



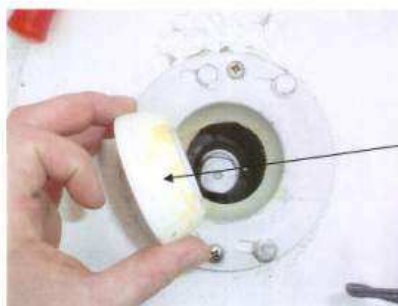
Aluminium extension tube is laminated into the hull with an epoxy seal



Top rudder bearing housing

Locking screws to stop port to starboard movement

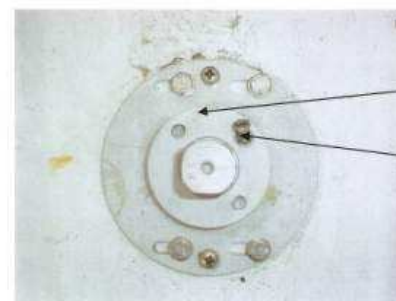
Fixing bolts secured to collar on the under side of the deck



Upper rudder bearing



Rudder stock locking nut



Locking nut fitted

Clamping screw must be securely done up

Retail Prices Type 1

Upper rudder bearing	£ 70.00
Lower rudder bearing	£ 170.00
Upper rudder bearing and housing	£ 231.00
Lower rudder bearing, extension tube & sealing ring	£ 480.00
Rudder Nut	£ 40.00
Sealing ring	£ 12.00
Postage and packing in the UK Small (Bearings)	£14.00
Postage and packing in the UK Large (Bearing & housings)	£ 22.00

Type 2 Rudder Barings



Lower rudder bearing and aluminium housing



Lower rudder bearing extension tube only sold as part of a complete bearing kit for the lower ruder bearing



Rudder extension tube is epoxy onto the lower ruder bearing housing



View showing the rudder bearing in the housing



Lower rudder bearing sold separately



Upper rudder bearing housing and bearing



Upper rudder bearing upside down with bearing being put in



Upper rudder bearing sold separately



Sealing ring

Retail Prices Type 2

Upper rudder bearing	£ 70.00
Lower rudder bearing	£ 170.00
Upper rudder bearing and housing	£ 231.00
Lower rudder bearing, housing, extension tube & sealing ring	£ 480.00
Lower rudder bearing and housing.	£ 440.00
Rudder Nut	£ 40.00
Sealing ring (shaft size / diameter required)	£ 12.00

Postage and packing in the UK Small (Bearings)	£14.00
Postage and packing in the UK Large (Bearing & housings)	£22.00

Type 3 Rudder Bearings



Lower rudder bearing



Upper rudder bearing



Lower, upper bearing & rudder locking nut

Retail Prices Type 3

Upper rudder bearing	£ 45.00
Lower rudder bearing	£ 98.00
Lower rudder bearing, housing, extension tube & sealing ring	£ 178.00
Rudder Nut	£ 40.00
Sealing ring	£ 12.00

