

## Replacement shaft for inboard and outboard boom ends

This kit is for booms that have problems with that the circular clip rings falls off. The loss is caused by rotation of the shaft for the sheaves. By replacing the shaft with a shaft with a locking pin it will be unable to rotate.

| SHAFT   | DIMENSION | REPLACEMENT SHAFT | CRICULAR CLIP |
|---------|-----------|-------------------|---------------|
| 166-301 | Ø14X130   | 166-301-02        | 301-071       |
| 166-304 | Ø14X124   | 166-304-02        | 301-071       |
| 166-305 | Ø12X112   | 166-305-02        | 301-070       |
| 166-306 | Ø16X137.5 | 166-306-02        | 301-072       |
| 166-307 | Ø14X118   | 166-307-02        | 301-071       |
| 166-308 | Ø12X98.5  | 166-308-02        | 301-070       |
| 166-309 | Ø10X93.5  | 166-309-02        | 301-073       |
| 166-313 | Ø10X82.5  | 166-313-02        | 301-073       |
| 166-318 | Ø10X74    | 166-318-02        | 301-073       |
| 166-322 | Ø14X142   | 166-322-02        | 301-070       |

**This kit includes:**

- 1x Shaft
- 1x Locking pin
- 2x Circular clip ring
- 1x Instruction

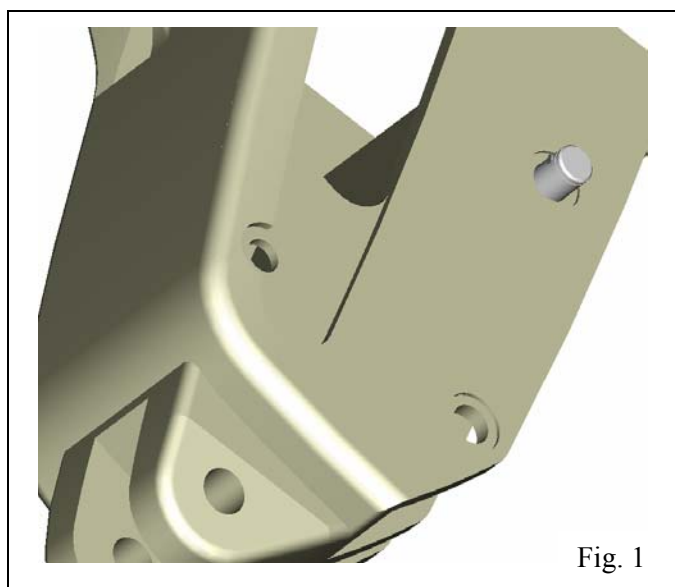


Fig. 1

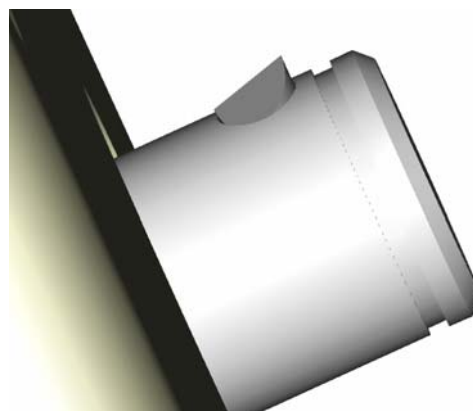


Fig. 2

1. Fit a new circular clip on the new shaft at the end with the hole.
2. Remove the port side circular clip from old shaft fitted on the boom, **DO NOT REMOVE THE SHAFT FROM THE BOOM END!**
3. Take spacer washers from the old shaft and slide them on to the new shaft. The number of washers can vary from 0 to 3.
4. Insert the locking pin into the shaft according to (Fig 2)
5. Remove the old shaft by inserting the new shaft into the boom end and push out the old one. Hit the end of the replacement shaft with a hammer to drive the looking pin into the casting.
6. Take the remaining washers from the old shaft and slide on the shaft. The number of washers can vary from 0 to 3.
7. Fit a new circular clip to the new shaft.

