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INSTRUCTIONS | XX POWERCLUTCH

The XX powerclutch offers smooth and controlled release on highly loaded lines. Optimised for high performance 8-12mm diameters, the XX fills the critical load holding gap between clutches and high load ZS jammers.

You Will Need: Drill, 8mm drill bit, Pencil, Silicon sealant, Torque wrench with 13mm socket and 250mm cable tie

USE

- With a rope installed, fully cycle the handle open and closed to hold rope. This re-sets the jaws and handle release system for the correct rope size.
- To release the line fully open the handle. NB. XX series clutches operate high loads. Rope should be controlled by a winch during release.
- If the clutch is fitted with a 'Lock Open' latch (shown infigure 3) with the latch in the UP position the handle can be closed with the jaws locked open, leaving the line free to run.

INSTALLATION

1. Align the supplied 1:1 scale drilling template with the required rope lead, checking height and minimising the angle of deflection from the front (load side) of the clutch, and mark the hole centres.
2. If using the supplied fasteners, drill two holes to suit the M8 fasteners. Do not drill through the clutch. Check each pre-installed fastener to make certain that its hexagonal head is properly seated in its locking moulding.
3. Apply silicon sealant to thread on both fasteners where they protrude from the clutch base.
4. Tighten nuts securely to 10N using a torque wrench. Excess threadcan now be ground off.

LINE FEEDING

1. 8-10mm lines may be threaded through with the handle in the open position, using a cable tie to mouse the line through if rope is terminated with a Flemish eye.
2. For 10-12mm lines: with the handle closed, insert a screw driver or allen key into the front of the clutch and gently push jaw set fully aft as per figure 1.
3. Open handle as per figure 2 then remove tool from clutch.
4. This will fully open the jaw set and allow easy rope feeding, using a cable tie on a Flemish Eye if there is one on the rope.

GENERAL MAINTENANCE:

- The internal mechanism should be regularly flushed out with fresh water through the end bullseyes, and the handle pivot area.
- Check that the lower 'drainage' holes in both end mouldings are clear of any debris. This will help reduce the accumulation of any rope debris building up inside the product.
- Lubricate handle pivot areas with a silicone grease. Unless this simple procedure is carried out regularly, the specified performance will not be achieved. Take care not to contaminate rollers or jaw surfaces with any lubricant.

Note: Any decrease in performance is usually caused by lack of maintenance and servicing. The XX range relies on the smooth running of 2 sets of roller bearings for maximum performance. The rollers and their 'running' surfaces must remain as clean as possible.

SAFETY

This product is designed for use on sailboats, the sport of sailing carries a risk of personal injury. Spinlock accept no liability whatsoever for any claim that may relate directly or indirectly to the use of this equipment in any manner for any application or loading other than advised in current product information published by Spinlock Ltd.

- Check that this product is correctly specified for your application, load and line size.
- Check carefully that it is correctly installed before using it for the first time under load.
- Use braided fibre rope only (never use three strand or wire rope).
- Never use the product if damaged or worn.
- Never use the product with damaged rope.
- Never use cleaning or lubricating solvents, polysulphide or polyurethene based sealants: they degrade the product.
- Do not modify any part of the product.

For full details on the range including technical specifications, please visit www.spinlock.co.uk

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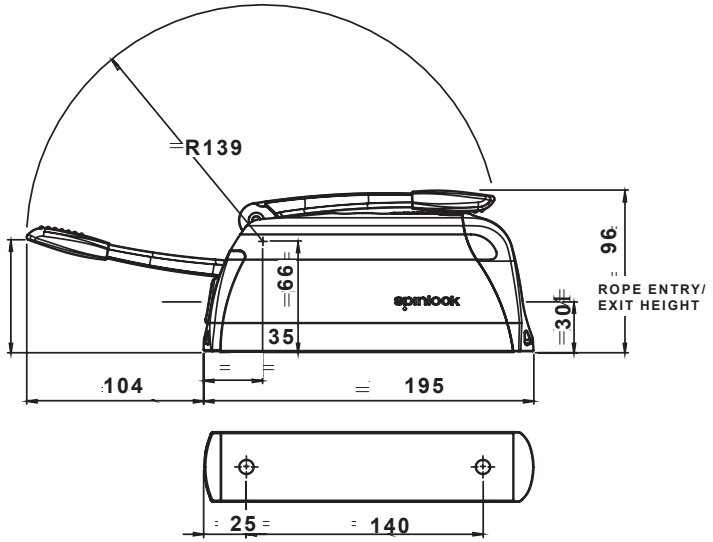
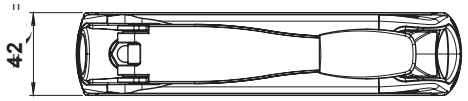
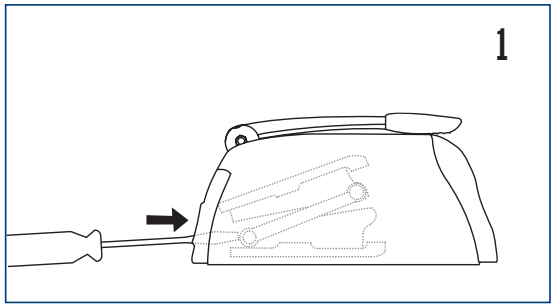
SIDE FACING VIEW

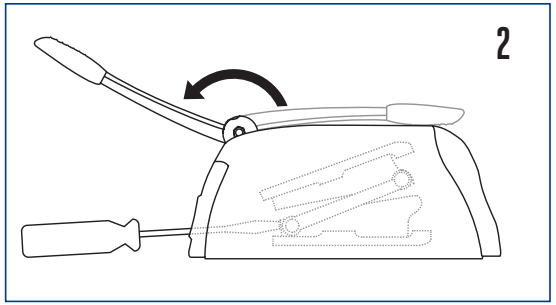


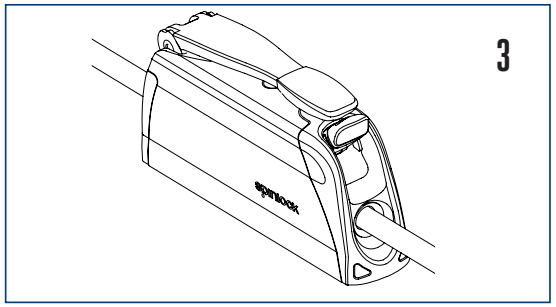
OVERHEAD VIEW



INSERTING ROPE IN XX POWERCLUTCH







Line Drawings are not to scale, use drill guides from web link for fastener dimensions.
All dimensions in mm