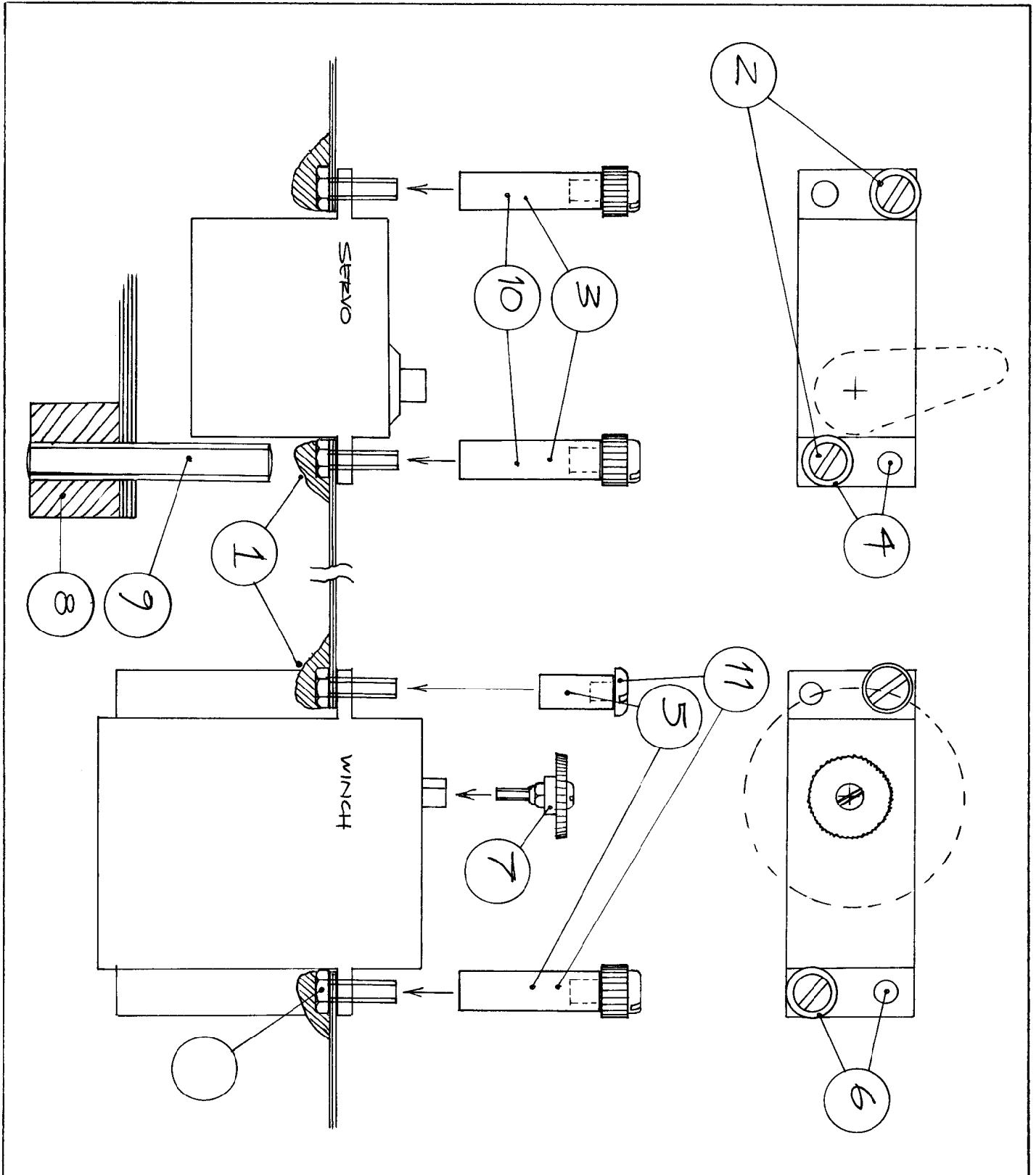


SAILSetc

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Product Information	PI 67c
Fitting Description	quick release system for rc installation
SAILSetc Cat No	67c
Use	for IOM, M & 10R yachts built by SAILSetc, July 2002 onwards



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Product Information	PI67c	Fitting Description	quick release rc installation system
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Contents 4 x spacers, 25 mm x 6 mm OD, threaded M4 1 x M2 x 12 mm pan head screw 1 x M2 nut
4 x M4 x 12 mm plastic hexagonal head screws 1 x M3.5 lockwheel, item 26g 4 x M4 thumb screws
1 x M4 x 5 mm (or longer) pan head screw

RC INSTALLATION IN SAILSetc BOATS

- 1 To fit a standard size winch (not an RMG winch) and rudder servo the boat is supplied with four M4 plastic screws bonded to the rc tray. Two are used to retain the servo; two are used for the winch. This system is not used for a large servo for sail control.
- 2 Each of the pair of screws is positioned on diagonally opposite corners to provide best support.
- 3 The two fastenings used to hold the rudder servo in place are each made from one thumb screw and one spacer. Assemble these and tighten. Use a spot of cyano glue to lock the threads. Note how the servo arm avoids the fasteners.
- 4 The holes provided in most servos are large enough to locate freely over the M4 screws bonded into the rc tray. The fasteners are screwed down onto the screws and tightened with the fingers only.
- 5 Two fastenings are used to hold the winch in place. One is identical to those used for the rudder servo. One is made by cutting a spacer to half length and screwing in place the M4 pan head screw which has been shortened to 5 mm. Lock the thread with a spot of cyano glue. This shortened fastener is used at the end of the winch where the drum is placed and should be low enough to clear the drum. Note how the main load on the winch should ideally be taken from the end nearest the drum. An option is to omit the short fastener.
- 6 The holes provided in winches are usually too small to fit over the M4 screws bonded into the tray. Make them larger as required - a 5 mm diameter drill is best. Be sure to treat all your spare winches the same way. The fasteners are screwed down onto the screws. Tighten the one with the lock wheel with the fingers only. Tighten the other only lightly with a screwdriver.
- 7 Make up the fastener as shown using a spot of cyano glue to lock the threads. This allows removal and replacement of the drum without using a screwdriver and risking losing the small screw. The M2 thread will suit Whirlwind winches – adapt as necessary for others.

RETRO FITTING THE SYSTEM TO EXISTING SAILSetc BOATS

- 8 On most recently built boats the tray will have small blocks of resin/aluminium alloy bonded in place to take the fastening screws for the rc equipment. Drill the appropriate holes to 3.5 mm diameter and tap to M4 using a taper tap. The tap is not provided with the kit.
- 9 Cut four 19 mm lengths of M4 studding (or from M4 pan head screws), not provided. Screw two of the pieces of studding into the holes for fastening the servo and two into the appropriate holes for the winch. Lock all four with a spot of cyano glue.
- 10 The fastenings for the servo are as described in 2 and 3 above.
- 11 The fastenings used to hold the winch in place are as described in 5 above.