



ErgoReJoy™

Modular ERGOnomic REpositioning JOYstick Platform Installation Instructions

The *ErgoReJoy* assessment kits are shipped in a custom box with each component labeled with part numbers to facilitate installation. We recommend storing the 5" and 8" adjustable arms; double ball adaptor; and *JoyPad™* with 3" extension arm in the sample case until required for use during the assessment.



FIGURE 1A



FIGURE 1B

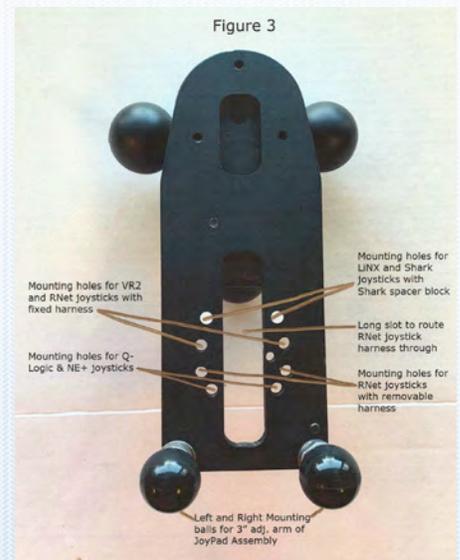


FIGURE 2A



FIGURE 2B

- I. Install socket brackets (30380) (with pre-installed sockets 30200) to PWC armrest using the Stealth universal round tube mounting brackets (refer to figure 1A). If the PWC's armrests do not have mounting slots for the brackets' nuts, then it may be necessary to drill and tap holes in the armrests' pads brackets (refer to figure 1B). If the Stealth brackets are not compatible with the PWC armrests, please call 1-800-324-1527 ext 2946.
- II. Insert mini mast (30226) in socket (30200) (refer to figure 2a). Press down on the top of the mini-mast to make sure it is fully inserted (refer to figure 2b).
- III. Install PWC joystick to *ErgoReJoy* platform (37200). Before removing joystick from PWC, photograph a side view in its standard armrest position.
 - A. Remove joystick harness from controller joystick port located on the PWC base noting its location
 - B. Remove joystick and joystick mounting bracket from PWC.
 - C. RNet joysticks have two different joystick cable configurations
 1. If the RNet joystick has a removable harness, install the Active Controls joystick harness (30449) in place of the original harness
 - a. Route the 30449 cable through the long slot of the *ErgoReJoy* platform (37200)
 2. If the RNet joystick has a fixed harness, route the harness through the long slot of the joystick platform (37200)
 - D. Install RNet joysticks with fixed harnesses and VR2 joysticks with 2 M-5 screws in the front two holes which are 1-9/16" apart (see figure 3) to platform (37200)
 - E. Install RNet joysticks with removable harness in the two rear holes which are 1 9/16" apart (see figure 3)
 - F. Install Q-Logic 1, 2 or 3, NE+, Shark joysticks with two M-5 screws using the 2 holes which are 1-3/16" apart (refer to figure 3)



- G. Install LiNX joystick by installing the LiNX mounting bracket to the top of the ErgoReJoy platform using the two holes shown in figure 3. Mount LiNX joystick to LiNX mounting plate. Position housing of joystick at least 1/4" from the two 1" balls on top of the ErgoReJoy joystick platform and use the 2 M5 screws to install the joystick
- H. Install Shark joystick by adding black spacer block under joystick and installing both with two long M-5 screws through holes 1 3/16" apart (refer to figure 3).



FIGURE 4

- IV. Coil the joystick cable tightly and secure it under the platform using the cable holders attached. Leave approximately 3" of cable to connect to the joystick connection harness in the next step (refer to figure 4).
- V. Install joystick specific harnesses to joystick and connect to mini-mast harness (30826). Use the cable holders under the platform if needed to secure excess cable length. The mini-mast connection harnesses for each joystick are as follows:
 - A. RNet fixed cable joysticks connect to RNET 7" Extension harness. Connect 7" ext. to 30405 mast connection harness. Connect 30405 to 30826 mini-mast harness
 - B. RNet removable harness - replace with 30449 and connect it to 30826 mini mast harness

- C. Q-Logic 1 & 2, NE+ (no mast harness required)
- D. Q-Logic 3 (30466)
- E. VR2 (30402)
- F. LiNX (37443)
- G. Shark (30401)

VI. Install Active Controls extension harness (30411) to each socket(s) harness (30829).

- A. Assessment kits include two or more sockets and require attaching each extension harness (30411) to the multiple socket harness (30410).
- B. For single socket installations, install (30411) to socket harness (30829)

VII. Attach joystick connection harness and extension harness into the controller's joystick port.

- A. Connect Active Controls joystick specific controller harness to the 30410 (for two or more socket configuration) or 30411 extension harness (for single socket configuration). The specific controller connection harnesses are as follows:
 1. RNet (30404)
 2. Q-Logic 1 & 2, NE+
 3. Q-Logic 3 (30467)
 4. VR2 (30403)
 5. LiNX (37444)
 6. Shark (30401)
- B. Connect the joystick's controller connection harness into the controller port where the joystick was originally connected.

VIII. Position joystick and ErgoReJoy platform at the end of armrest in the standard joystick location (refer to photo taken in Step III above).

- A. Confirm the receiver sockets are located at the lowest socket height and secured in place by the adjustable handle (see figure 5)



FIGURE 5



FIGURE 6

- B. Attach 3" extension arm (30389) to 1.5" ball attached in the middle of the bottom of *ErgoReJoy* platform (37200) and mini mast ball (mini mast 30226)
- C. Position joystick in standard PWC armrest location (see photo taken of joystick attached to armrest for reference). Confirm that the joystick cable is tight against the bottom of the platform and the 3" extension arm is also as level as possible (refer to figure 6).
- D. If the socket is in the lowest position in the slot, then additional lower adjustments can be made by lowering the round tube portion of the Stealth universal round tube mounting bracket in its slots.
- E. Tighten knob of 3" extension arm snugly.

IX. Sit on PWC and turn joystick on to confirm connections are correct. Test ride to confirm joystick and platform are secure.

X. If assembling a two socket system, remove joystick and *ErgoReJoy* assembly out of the receiver socket and insert in the opposite armrest's socket. Confirm mini-mast is fully inserted.

A. Repeat the test ride



FIGURE 7

XI. Additional *ErgoReJoy* joystick locations can be sampled if desired. In order to drive the PWC in any of the locations other than the armrest, raise the socket to its' highest position in the socket bracket's slot (see figure 7). See the joystick positioning protocol for which extension arms to use in each location.

XII. Return the *ErgoReJoy* platform to the standard armrest configuration with 3" extension arm in position with the sockets in lowest position (refer to figure 6).

XIII. Remove *ErgoReJoy* joystick assembly without loosening its adjustment knob from its receiver socket and store in assessment case in the center location. Return 8" and 5" extension arms, double ball adaptor and the JoyPad, with small 3" extension arm to the assessment case.

XIV. Place the PWC on charge for initial assessment.