

COOL RUDDER WEDGIE - Part #03840

The patented Cool Rudder Wedgie (CRW) is a unique SmartTrack systems part specifically designed to improve the steering control of rudders. A standard feature on all SmartTrack Blade Housings, it helps to prevent control cable failure more commonly experienced with swage terminated cables. It also permits control cable tension adjustments and/or rudder changes without loss of existing control cables. The CRW is compatible with many other rudder heads on the market.

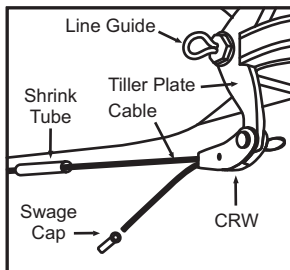
To begin installation, the control cables should be installed in the kayak and extending out the stern of the kayak. The Blade Housing or rudder head should also be installed on the stern of the kayak. The cables may now be attached to the tiller plate via the CRW:

Installation Instructions:

1. With Blade Housing installed on the kayak stern, place Body of CRW over tiller plate side attachment holes, with curve to the outside.
2. Insert Clevis Pin from above.
3. Attach Split Ring to bottom of Clevis Pin.
4. Pull control cable through kayak stern exit holes and slide Shrink Tubing onto the control cable then push it down to edge of kayak. The Cable Adjustment Knob located in the rear of the Foot Control Rail should be in neutral position with just over half an inch of bare threads exposed.
5. Thread the control cable through the Body of the CRW and form a loop with loose end of the cable away from the kayak then reinsert the control cable forward through the CRW.
6. Insert Wedge into the Body of the CRW from the back with the small end going in first with the loop of control cable around the Wedge.
7. Once both sides have control cables installed, keep the rudder centered, pull extra cable through the CRW and cinch up as required. Obtaining proper cable tension is easiest if you have someone sit in the kayak and hold the Toe Pilot Pedals in position. Most people prefer the Toe Pedals about 10 degrees forward when paddling in soft-soled shoes and almost vertical when paddling in stiff shoes.
8. Insert the Cotter Pins through top of CRW to insure the Wedges are secure after all adjustments have been made. Separate and bend Cotter Pin ends to finish.
9. Further fine adjustments can be made as necessary with the Cable Adjustment Knobs in the rear of the Foot Control Rails.
10. Place Swage Caps on ends of control cables and crimp with pliers to secure.
11. Slide Shrink Tubes over Swage Caps and apply heat (hair dryer) to shrink fit onto Swage caps. (Be careful to not overheat the Shrink Tubes.)



Parts of Cool Rudder Wedgie (CRW).



Note that CRW is attached curved side out. Also note how one end of cable is being fed into CRW so that other end can be pulled through.

SmartTrackTM
CONTROL SYSTEM
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