

Performance Toe Pilot Pedal Kit #03812 Installation Instructions

1. Remove SmartTrack Footbraces from your kayak. Slide the pedal adjustment bar so that the pedal is in its forwardmost position.

2. Snap Toe Pilot Pedals onto existing Footbrace Pedals as follows:

- a) Match the right and left Toe Pedals. (Remember, when the new Toe Pedal sits above its corresponding Pedal, the cable slots and slide rail must be located on the same side.)
- b) Insert tabs on Toe Pilot into slots on the Footbrace Pedal pivot post as. (Fig. 1) Make sure Toe Pilot is oriented correctly (Toe Pilot sits on top of Pedal) and that it is the correct Toe Pilot (left or right) for the Footbrace Pedal.
- c) Rotate Toe Pilot upward so that it snaps onto the Footbrace Pedal. (Fig. 2)

Note: If you accidentally attach the Toe Pilot incorrectly, you can remove it by inserting a couple of flathead screwdrivers into the slots on the Footbrace pivot post and rotating the Pedal until it pops off.

3. Insert Toe Pilot Springs (two per pedal) between the Toe Pilot and Footbrace Pedal as follows:

- a) Align the Toe Pilot Springs with the curve, or radius, pointed downward, and the little bent flange on the open end of the spring pointed toward the back side of the Footbrace Pedal. (Fig. 3)
- b) Push the Springs, in the above alignment, down between the back side of the Foot Pedal and the flat surface on the Toe Pilot. A small tool such as a screw driver or pencil will make it easier. The Springs are seated once the small bent flange on Spring seats into the groove on the back side of the Foot Pedal.

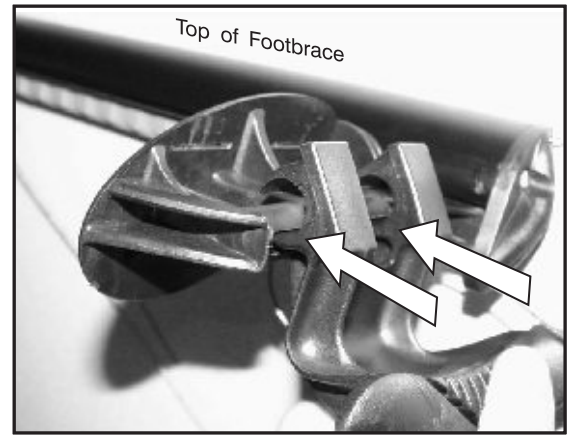


Figure 1. Inserting tabs on Toe Pilot into slots on Footbrace Pedal pivot post.

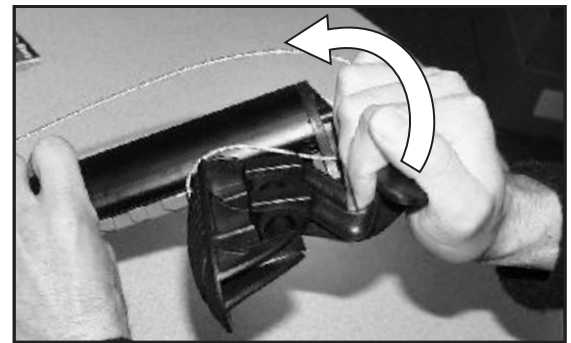


Figure 2. Rotate Toe Pilot upward until it snaps onto pivot post.

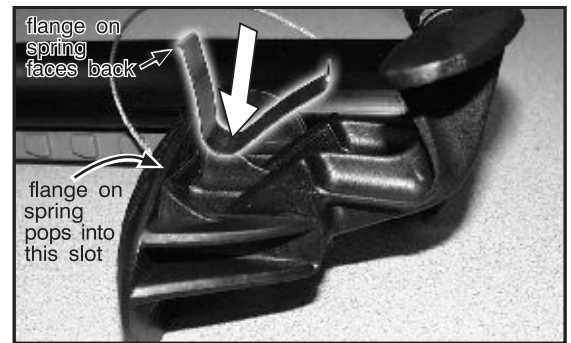
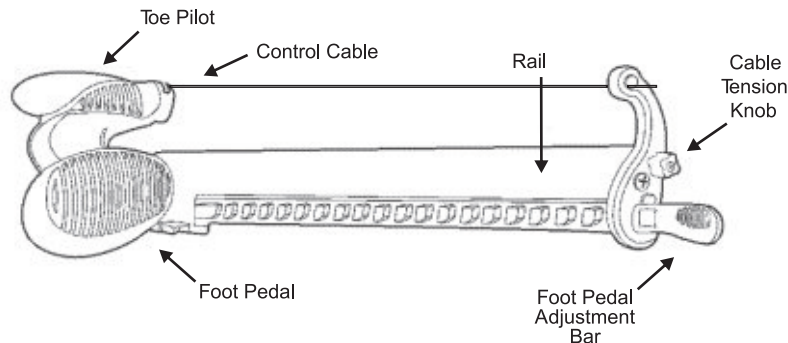


Figure 3. Insert spring between Toe Pilot and Footbrace Pedal.



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4. Remove phillips head screws from aft End Caps and remove End Caps from the Footbraces. Take note of how these are attached, as your new aft End Caps will attach the same way and have a similar shape. (The new aft End Caps will have an extension that guides the cable and a threaded hole for the Cable Tension Knob.) Keep the screws, but set aside the old End Caps as you will no longer need these.

Note: Do not remove or lose the side rail spring under the aft End Caps, as these springs need to remain in place.

5. Attach the new aft End Caps to the side rail, keeping the side rail spring seated in place. End Caps should be attached with the flat side of the End Cap aligned with the flat surface of the side rail and with the cable guide extension sticking up and in towards the center of the kayak. Don't forget to insert the Adjustment Bar back through slot in the new End Cap.

6. Thread the Cable Tension Knob into the new aft End Caps.

7. Thread the cable (non swaged end first) through the newly modified Foot Controls as follows (Take extra care not to kink or twist the cable during any part of the threading process:

a) Start by threading the cable through the Cable Tension Knob, and down the hollow channel in the side rail. the cable comes out the top guide hole of the forward End Cap.

Note: You may have to remove the forward End Cap to thread the cable through its top hole. If you do this, re-attach the End Cap immediately following this procedure.

b) Wrap the cable around the guide slot and back through the lower guide hole in the forward End Cap. (Fig. 4)

c) Thread the cable through the guide on the bottom side of the Foot Pedal. (Fig. 5)

d) Wrap cable up around the front of the Foot Pedal (following the guide slot) and towards the back of the Toe Pedal. (Fig. 6)

e) The cable threads over the Toe Pedal roller from behind, through the cable slot (Fig. 6) , and back through the cable guide hole in the aft end cap.

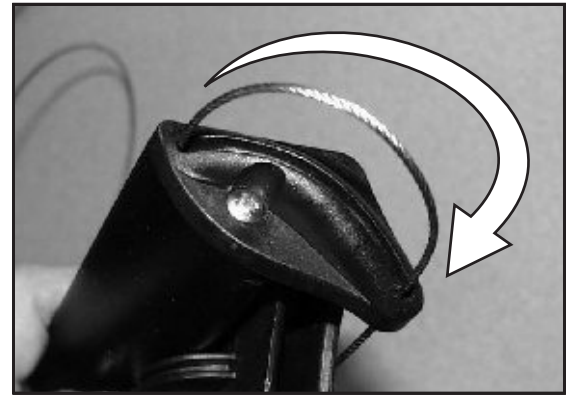


Figure 4. Cable threads out through top guide hole in front End Cap and back through lower guide hole.

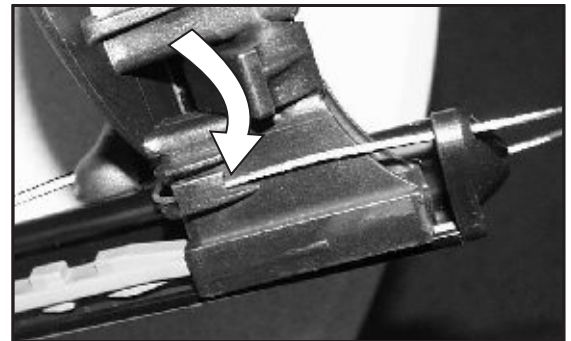


Figure 5. Snap cable into guide on underside of Footbrace.

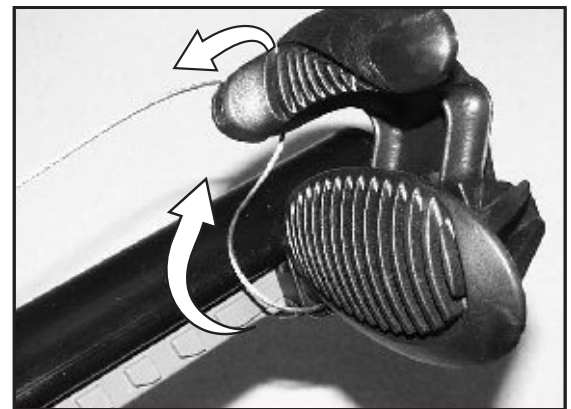


Figure 6. Threading cable through guides on Foot Pedal and through the Toe Pedal roller.

Pull the slack out of the cable to seat the swaged end of the cable securely into the Cable Tension Knob.

You are now ready to mount your new Toe Pilot Foot Controls back in your kayak. For optimum performance, we recommend mounting the Toe Pilot Foot Controls 3 to 4 inches below the location of most Footbraces. This will allow you to reach and operate the Toe Pilots with the top of your foot. This can be accomplished by drilling new mounting holes in your kayak, or by utilizing the SmartTrack Vertical Adjustment Kit with your existing mounting holes.