

SPOT-N-TOW™ INSTALLATION INSTRUCTIONS - KHPX

Tools Required

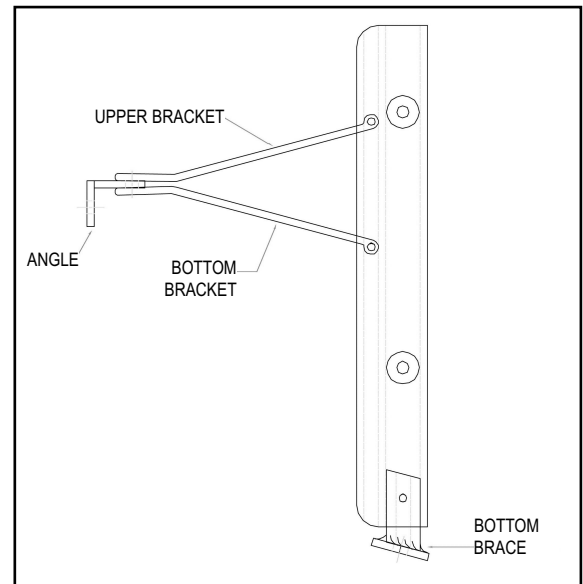
- 1- 13-MM wrench
- 1- 12-MM socket
- 1- 10-MM socket
- 1- 9/16" socket
- 1- 3/8" socket
- 1- Socket Wrench
- 1- 3/8" wrenches
- 1- 9/16" wrenches
- 1- 1/8" Allen wrench
- Marker
- Electric Drill
- 3/8" drill bit
- Pop-rivet tool (optional)
- 3/16" drill bit (if using pop rivets)

Parts

- T-handle
- Angle Bracket
- Bottom brace installed in outside housing

Package of fasteners - Includes -

- | | |
|----------------------------|---------------------------|
| 2 - SS threaded studs | 4 - SS Black cap nuts |
| 2 - 8-MM x 30-MM bolts | 2 - 8-MM x 25-MM bolts |
| 2 - 8-MM SS nuts | 4 - 8-MM SS lock nuts |
| 2 - 3/8" x 1-1/4" SS bolts | 2 - 3/8" SS lock nuts |
| 2 - 9/16" SS washers | 2 - Pop-rivets (optional) |



Preparation & Installation

1. Remove both seats.
2. Remove the 4 nuts and washers that attach the hand rail plate to the hull.
3. Spread a towel inside the hull beneath the area you are going to be working in to prevent dropping any wrenches, nuts or washers down in the hull. If you have a small mirror it will help you to see the lay out of the area you will be working on.
4. There are two breather hoses that you need to move to get better access to the ski-eye nuts. There are two ways to do this.
 - a) The preferred method is if you have a pop rivet tool. Drill the two rivets out that hold the brace to the hull using the 3/16" drill. This gets the bracket and tubes out of the way completely.
 - b) The other way is to remove the two bolts holding the nylon bracket of the hoses to the metal brace that is pop riveted to the hull. Look with the mirror and see what angle the bolts are on. After removing these bolts you can move the hoses to the side so you can get to the ski-eye nuts. (You will still have to work around the brace.)
5. After loosening the ski-eye nuts, remove the nuts with your finger to prevent dropping them. Then tip the ski-eye up slightly to prevent dropping the two larger cup washers that are behind the nuts. Remove the nuts, washers and ski-eye keeping the cup washers to be reinstalled later.
6. Install the angle bracket (red dot up) with 2 – 8mm X 30mm bolts where you just removed the ski-eye. Reinstall the cup washers and secure with the 8mm Locking nuts. Tighten completely.
7. Remove the T-handle from the Spot-N-Tow™ housing by pushing the lock button again when it is in the top lock position. Install the two brackets so they form a vee (red dot to red dots). Install the threaded stud through the housing hole and install Black cap nuts, do not tighten at this time.
8. Put a rag down over the fiberglass area by the lower hand rail to prevent any marring. Set the Spot-N-Tow™ in front of the lower handle and line up the two brackets to the angle bracket that you had installed earlier. Line up holes and insert 8mm X 25mm bolts from top down through all three pieces, one bracket on each side of the angle bracket. Install the two non-locking nuts and tighten up to align unit, remove rag.
9. Mark the two holes for the Bottom Brace, remove unit by loosening the non-locking nuts and removing the bolts, remove unit. Drill two 3/8 inch holes where marked. Be careful to just drill through the fiberglass.
10. Remove the Bottom Brace from the housing and install the gasket and brace onto the hull with the 3/8" X 1-1/4" bolts. Now install the washers and locking nuts on the inside of the hull, tighten completely.
11. Reinstall the two-breather hoses by either pop riveting the brace back on or by replacing the bolts in the nylon brackets to the metal brace and tighten. Then install the hand rail plate that you removed in step 2.
12. Reinstall the Spot-N-Tow™ by placing the housing over the bottom brace and align the brackets again to the angle bracket. Install the bolts again but this time use the locking nuts. Do not tighten until you have installed the threaded stud through the bottom brace. Install the two black cap nuts. Now tighten the 8mm lock nut and all cap nuts.
13. Install T-handle in housing and slightly tighten the 2 nylon anti-rattle set-screws. Handle should move up and down with a slight drag.

Maintenance

- If using in salt water, be sure to rinse well after use. Push button and remove T-handle from outside housing. Rinse the button area well to prevent the button from sticking. Push button several times making sure that there are no salt particles left on the button prior to reassembly.
- Periodically check that all fasteners are tight, retighten if necessary.

How To Use

When sitting backward on the watercraft, reach around the bottom of the SPOT-N-TOW™. With your left hand, using the tip of your index finger, push the button that is in the bottom lock button hole. Now pull up on the T-handle with your right hand until it locks in the up position.

To lower, use the same process on the top lock button hole. The key is not to put pressure on the T-handle until the button is totally pushed in.

Limited Warranty

Dock Edge + Inc. warrants this product to be free of defects in workmanship and material under normal conditions and for which it is intended for one (1) year from the date of purchase. Any defective product must be returned with a Return Goods Authorization #. A copy of the original sales receipt, must accompany all claims. The freight on the defective goods is the responsibility of the consumer.

Visit www.dockedge.com for further warranty details.