

ACUdraw Hub Kit Installation Instructions (HCA-413)

1. Remove the two Phillips-head machine screws from each ACUdraw cover, and then remove the covers.
2. Pull the ACUdraw claw and cord all the way out. Attach the claw to the crossbow string.
3. Engage the safety pawl (up position) so the cord will hang loose.
4. Loosen the side screw on each hub (screw where the cord is attached) and remove the cord.
5. Remove the black Allen screws from inside both hubs using a 9/64" Allen wrench. Discard the old hubs.
6. Place the new right hub on the axle. Replace and tighten the right hub's Allen screw with a 9/64" Allen wrench.
7. Thread the ACUdraw cord under the right-side roll pin, and through the string guide.
8. Wedge the knot of the draw cord into the indentation on the side of the hub. Then wrap the cord clockwise into the groove against the axle.
9. Using a 1/16" Allen wrench, insert one of the Low-head Socket Shoulder Bolts into the hole next to the cord knot and over the cord. Make sure to insert the shoulder bolt over top of the cord to anchor it securely into place.
10. Install the right-side hub cover plate using two 6-32 x 3/8" Button-head Cap Screws, making sure the oval indentation is positioned over the cord's knot. Then, wrap the cord one time around the hub, clockwise.
11. Place the new left hub on the axle. Replace and tighten the left hub's Allen screw with a 9/64" Allen wrench. Note: Both Allen screws for the hubs should face the same direction (up).
12. Thread the ACUdraw cord under the left-side roll pin, and through the string guide.
13. Wedge the knot of the draw cord into the indentation on the side of the hub. Then wrap the cord counter-clockwise into the groove against the axle.

14. Using a 1/16" Allen wrench, insert the other Low-head Socket Shoulder Bolt into the hole next to the cord knot and over the cord. Make sure to insert the shoulder bolt over top of the cord to anchor it securely into place.
15. Install the left-side hub cover plate using two 6-32 x 3/8" Button-head Cap Screws, making sure the oval indentation is positioned over the cord's knot. Then, wrap the cord one time around the hub, counter-clockwise.
16. Make sure both sides of the draw cord are centered inside their respective wire string-guides and under the black roll pins at the front of each side of the mechanism.
17. Re-install the ACUdraw covers and screws. Do not over-tighten.
18. Disengage the pawl lever and pull the claw back and forth to make sure the system is running smoothly.