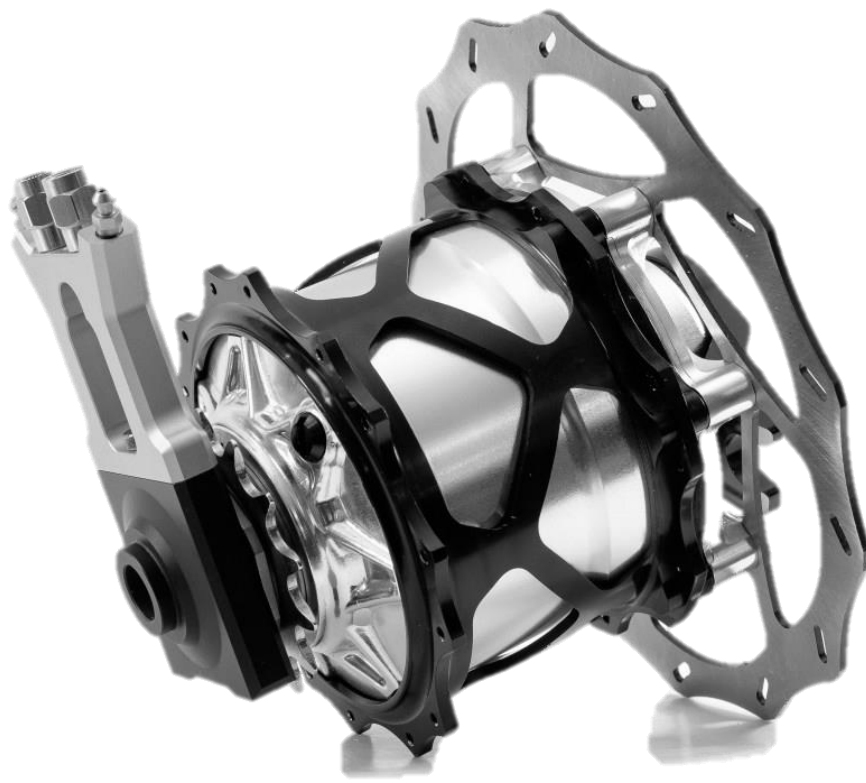


Kindernay XIV Internal gear hub

First-time set up Guide



KINDERNAY

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Attention: Tightening torque for the seven M4 (SWAP cage to shell) bolts is **2.5Nm**.

IN THE BOX

- Kindernay XIV Internal Gear Hub
- Kindernay HYSEQ Hydraulic Shifter
- Wheel with Kindernay SWAP Flange Cage
- Kindernay Disc (170mm or 190mm depending on order)
- Kindernay post-mount adapter



Tools needed

This is a list of tools that we recommend to set up the Kindernay XIV internal gear hub on your bike.

- T30 Torx driver
- T25 Torx driver
- T15 Torx driver
- 5 mm wrench
- 8 mm wrench
- 10 mm wrench
- Chain cutter
- Chain link tool
- Allen keys (Individual for each bike)

KINDERNAY XIV INSTALL

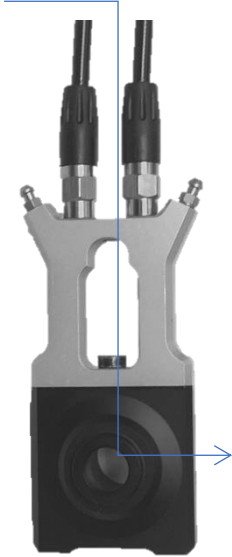
Step 1 – Start the installation by dismantling the old shifting set up including the chain. Below is a list of parts that should come off the bike.

Dismount

- Derailleur
- Shifter
- Cable housing /wire
- Chain

Step 2 -Insert the actuator housing onto the Kindernay XIV internal gear hub. Place inside frame and secure with through axle.

Actuator housing



CHAIN TENSIONER MOUNTING AND CHAIN CUTTING

Step 1 - Mount the chain tensioner (if applicable) to the bikes original drop-out.



Step 2 – Unscrew the front bolt of the rear shock or remove it completely. Secure the rear wheel to the front triangle with a zip tie.



Step 3 – Wrap the chain around the front cog and the gear hub cog.

Step 4 – On full suspension bikes add two links of overlap. On hardtail add one link.



Overlap on hard tail bikes



Overlap on full suspension bikes



Step 5 – Cut the chain to the appropriate length, with the right overlap. Connect the chain link.



HYSEQ CABLE ROUTING

Step 1 – First mounting point

When mounting the hose to the frame in the first point after the actuator, make sure there is enough cable length between the point and the actuator, so wheel can be pulled out of the frame. Use a rubber band and zip tie to secure the fastening point.

Step 2 – Second mounting point

The next mounting point must be placed so that the cable can wander in an orderly fashion when the rear frame of the bike moves through the path of travel. This point is normally located on the front triangle.

To ensure proper cable routing we recommend that the rear shock either is completely removed from the bike, or dismounted in one eyelet. This will make it easier to see what effect the movement of the rear frame will have on the cable. If there is no natural fastening point use a rubber band and zip-tie.

An easy way to ensure that the cable moves correctly is adding slack to the cable in the direction you want it to fold. See picture. Mount the rear shock again after the first mounting point on the front triangle has been fastened.

Step 3 – To the handle bars

When mounting towards the handle bars we recommend using fastening point that are original to the frame. If this is not possible, use the included rubber bands and zip-ties. Mount the HYSEQ levers to the handle bar in the position the intended rider wants.

After assembly check list

- Can the wheel be dismounted from the frame?
- Does the cable move freely in the correct direction under the travel ratio?
- The cable does not interfere with any other function of the bike?
- The cable does not interfere with the intended rider?
- Can the intended rider reach the HYSEQ trigger?



POST MOUNT ADAPTER MOUNTING

Out post mount adapter is needed to provide an anchor for the torque lever. Following the steps below show adapter mounting.

Step 1 – Remove the brake caliper



Step 2 – Mount the adapter directly to the frame, or IS adapter mounts (Depends on bike). Check that the torque lever is inserted properly into the adapter.



Step 4 – Mount the brake caliper onto the adapter.



Step 5 – Make sure the disc runs smoothly, centered between the brake pads.

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