

MTB Front Disc BOOST 15 x 110mm Thru-Axle Retrofit

Converting Your Front MTB Disc 130 Quick Release to BOOST 15mm x 110mm Thru Axle.

- **Tools Needed:** Two 19mm cone wrenches, 22mm wrench or adjustable wrench and **BOOST Thru Axle Retrofit kit** (15mm thru axle with pressed on end cap, round thread on end cap, 10mm black spacer and 22mm hexagonal thread on adjusting nut)
- **While disassembling the hub, keep all loose parts organized on a clean rag or paper towel. Proper re-assembly is very important to rider safety. Be careful not to damage threads or aluminum nuts. This kit only works in American Classic Disc 130 hubs. Wheel will need to be re-dished after swapping to Boost spacing.**



1. Using two 19mm cone wrenches, turn counter clockwise to loosen and remove the lock and adjusting nut.



2. Push the quick release axle to the disc side, and pull the axle from the hub.



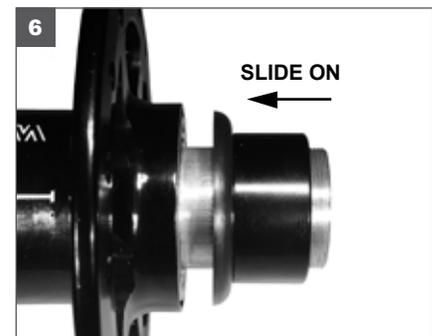
3. Insert the BOOST 15mm x 110mm thru axle from the disc side of the hub. Dust Seal is installed in Step 9.



4. Remove the Dust Seal from the smaller 19mm Adjusting Nut.



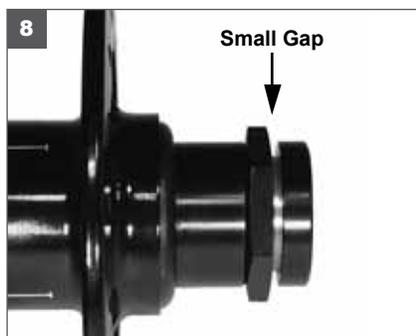
5. Insert the dust seal in the groove on the outside of the 10mm Spacer.



6. Slide 10mm Spacer with Dust Seal on to the end of the BOOST Thru Axle.



7. Thread the 22mm Adjusting Nut onto the end of the 10mm Spacer and tighten with a wrench. Tighten the adjusting nut until there is no play and back off one quarter rotation.



8. Thread endcap fully onto axle. **NOTE:** The end cap will **NOT** tighten onto the adjusting nut. There will be a small gap between the end cap and adjusting nut. There is an O-Ring in the adjusting nut so it does not need to be locked down.



9. Finally slide the remaining dust seal over the end cap on the disc side.
Bearing Adjustment: With the wheel in the fork, check for the desired adjustment by wiggling the tire at the rim to feel for "slightly more than no play."

All repairs should be performed by a professional bicycle mechanic.

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- **Tools Needed:** 22mm wrench or adjustable wrench and **BOOST Thru Axle Retrofit kit** (15mm thru axle with pressed on end cap, round thread on end cap, 10mm black spacer and 22mm hexagonal thread on adjusting nut)
- **While disassembling the hub, keep all loose parts organized on a clean rag or paper towel. Proper re-assembly is very important to rider safety. Be careful not to damage threads or aluminum nuts. This kit only works in American Classic Disc 130 hubs. Wheel will need to be re-dished after swapping to Boost spacing.**



1. Holding the opposite end of the axle end cap stationary, unthread the non-disc side end cap.



2. Using a 22mm wrench, turn counter clockwise to loosen and remove the 22mm Adjusting Nut.



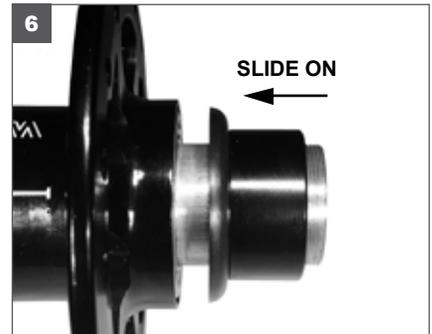
3. Push the 15mm thru axle to the disc side, and pull the axle from the hub.



4. Insert the BOOST 15mm x 110mm thru axle from the disc side of the hub. Dust Seal is installed in Step 9.



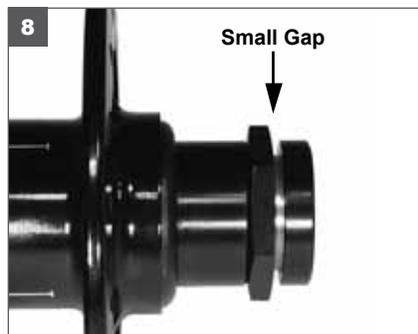
5. Remove Dust Seal from 22mm Adjusting Nut and insert into the groove on the outside of the 10mm Spacer.



6. Slide 10mm Spacer with Dust Seal on to the end of the BOOST Thru Axle.



7. Thread the 22mm Adjusting Nut onto the end of the 10mm Spacer and tighten with a wrench. Tighten the adjusting nut until there is no play and back off one quarter rotation.



8. Thread endcap fully onto axle. **NOTE:** The end cap will **NOT** tighten onto the adjusting nut. There will be a small gap between the end cap and adjusting nut. There is an O-Ring in the adjusting nut so it does not need to be locked down.



9. Finally slide the remaining dust seal over the end cap on the disc side.
Bearing Adjustment: With the wheel in the fork, check for the desired adjustment by wiggling the tire at the rim to feel for "slightly more than no play."