

# Terrain Front Disc Hub QR to 9mm Thru Axle QR Retrofit



Converting Your Front Terrain Disc hub from Standard Quick Release to 9mm Thru Axle Quick Release.

- **Note:** Not all Terrain disc front hubs are convertible to 9mm Thru Axle Quick Release. Please refer to "Terrain Front Disc Hub - Which Do I Have?" (see next page) to see if it can be converted. All Older Style Terrain front hubs with silver end caps can not be converted.
- **Tools Needed:** 22mm wrench or adjustable wrench, Terrain 9mm Thru Axle Quick Release Kit (Contains 2 black conversion adapters)
- 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 Terrain disc front hubs.

## IMPORTANT: START ON THE DISC MOUNT SIDE



1. Using a 22mm wrench, turn counter clockwise to loosen and remove the large black threaded cap.



2. Remove large black threaded cap.



3. Remove quick release adapter.



Each cap has a small lip at the base. This lip sits inside the large black threaded cap so it does not fall out.



4. Slide the Terrain 9mm Thru Axle Quick Release adapter into the hub, resting the small lip on the inner race of the bearing.



5. Place the large black threaded cap over the Terrain 9mm Thru Axle Quick Release cap and thread into the hubshell. This cap has no bearing adjustment and should be tightened down.

## FLIP HUB OVER AND START ON THE NON-DISC SIDE

### NOTE:

There is a rubber O-ring at the bottom of the bottom of the threads on the **non-disc side**. Grease the threads and be sure the O-ring is in its groove before continuing.

Turn the hub over and repeat Steps 1 - 4 to install the non-disc side 9mm Thru Axle Quick Release end cap.

1. Thread the cap on over the 9mm Thru Axle Quick Release end cap.
2. When you tighten the threaded cap:
  - **Do Not bottom out the cap.**
  - **Threaded cap must be snug, not loose. Do Not ride with a loose threaded cap!**
  - **Do Not overtighten the threaded cap, it will bind the bearings and may damage the O-ring.**



6. Install and adjust the remaining Terrain 9mm Thru Axle Quick Release cap. **The threaded cap must be snug, not loose. Do Not overtighten.**

**NOTE:** Do not use this hub with a standard quick release. This hub requires a 9mm Thru Axle Quick Release once converted. If you are unsure of what you have please refer to "9mm Thru Axle Quick Release vs Standard Quick Release" on the last page.

## Identifying Your Terrain Front Disc Hub

---

Terrain Front Disc Hub - Current Style (Black Threaded End Caps) or Older Style (Silver Threaded End Caps)



### Current Style

Black Threaded End Caps.

This hub uses two 6902 fully sealed chrome bearings. 6902 Stainless Steel bearing upgrade available. Cannot be upgraded to ceramic bearings. This hub can be converted from quick release to 15mm Thru Axle and 9mm Thru Axle Quick Release.

---



### Older Style

Silver Threaded End Caps with 22mm Adjusting Nut and Dust Seals. Note: This hub uses two 15267 fully sealed chrome bearings. 15267 Stainless Steel bearing upgrade available. Cannot be upgraded to ceramic bearings. This hub **cannot** be converted from quick release to thru axle.

## 9mm Thru Axle Quick Release vs Standard Quick Release

Identifying a MTB Front 9mm Thru Axle Quick Release and a Standard 100mm Quick Release.

- The 9mm Thru-Axle Quick Release is not a standard front quick release. Your hub must be specifically setup to function with a 9mm Thru Axle Quick Release. Do not use a Standard Front Quick Release in a 9mm Thru Axle Quick Release hub. Important to rider safety. If you are not certain which quick release to use, please ask your local bike shop for assistance.

### 9mm Thru Axle Quick Release

100mm Length x 9mm Thick Shaft  
Works with most 100mm forks



**Use with a front 9mm Thru Axle QR Hub Only.**

### Standard Front Quick Release

100mm Length x 5mm Thick Shaft



**Use with a front Standard QR Hub Only.**

### How to Identify Each:

- The Standard Front Quick Release has a 5mm thick shaft and the 9mm Thru Axle Quick Release has a 9mm thick shaft.
- The Standard Front Quick Release has springs.

**DO NOT use a Standard Front Quick Release with a 9mm Thru Axle Quick Release hub! Important for rider safety.**