

Fork Tracer Installation Guide

The Fork Tracer includes the following items:

- Motion Instruments Air Cap
- Fork Tracer Wiper with 3M VHB Tape
- 2 O-ring bands

Installation

Step1: Clean your lower fork where the wiper will be located. Make sure the surface is dry and free from debris and especially oil. If necessary, wipe with rubbing alcohol and let it air dry.



Step 2: Remove Existing Fork Air Cap



Step 3: Install the fork tracer, tighten the MI supplied air cap until it's almost tight, but allows movement of the Flexure Arm.



Step 4: Remove the 3M VHB tape film (red) from the Fork Tracer Wiper

Step 5: Slide the Fork Tracer Wiper into the Tracer Track



Step 6: Before you stick the Wiper to the lower fork, make sure the magnet is at least 5mm into the position sensor membrane.

Step 7: Stick the Wiper to the lower fork so the Tracer is directly behind the fork. Stick the wiper as high as you can on the fork.

Step 8: Ensure the Fork Tracer is parallel to the fork by looking from behind and from the side



Step 9: Connect to the Fork Tracer with MotionIQ, connect to the fork, choose your bike (specific bike model or generic hardtail, if hardtail you will have to set the fork travel length). Then calibrate. This will ensure that the Tracer is mounted correctly. If you get a calibration error, ensure that your Wiper is mounted so that the sensor travel is slightly longer than the fork travel.

Step 10: Secure the bands to the Fork Tracer Wiper to provide additional mounting support. Once the tape bonds, the bands will be unnecessary.



General Information

- Remove the Tracer from the bike after every ride and wipe the position sensor in the track clean. If muddy, you can wash the track with water and wipe dry.
- Using the system in muddy conditions will wear the position sensor out faster. If you can hear grinding while you are riding, you are prematurely wearing out the sensor.
- The sensor is rated for >10M cycles which should out last the bike. However, if you do wear out the sensor it can be refurbished by sending in the Tracer back to MI corporate.
 - Don't throw good parts away
 - Tracer was designed to last a long time
 - Fix it, don't throw it away
- Batteries should last a season with aggressive use
- In sleep mode, you should get 7 years of battery life
- To wake up the Tracer, Shake your bike

Installing the Battery

Step 1: Unscrew the battery cover

Step 2: Insert the battery into the battery holder with the + side facing up. This is the side of the battery with lettering and will clearly indicate the positive (+) polarity.

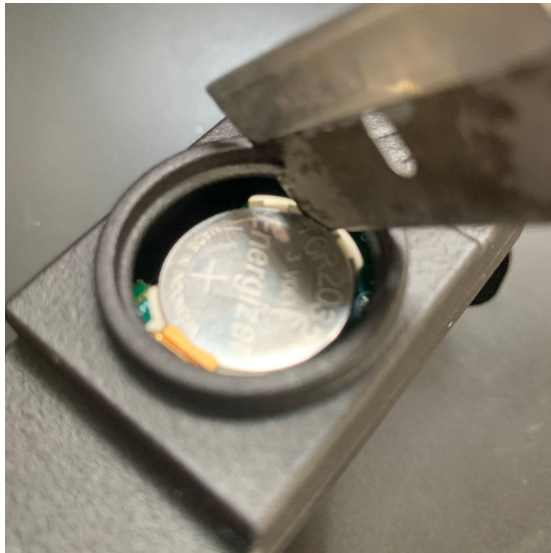


Step 3: Screw the battery cover back in.

Removing the Battery

Care must be taken to avoid damaging the battery housing. You can use a thin jewelers flat screwdriver or a razorblade to remove the battery.

Step 1: Insert the razor blade or jewelers screwdriver between the battery and battery housing at the top of the battery housing (opposite side of the exposed copper finger).



Step 2: Lightly pry the battery by bending the razor blade toward the MI logo. The battery will pop out once it clears the top plastic fingers.

