

Studio 5 Brake Pad and Brake Nut Replacement

Studio 5 (9-7280)

This document explains how to replace the brake and brake pad of the Star Trac Studio 5 bike.



Please be aware of pinch points and take care to avoid injury while working inside of machines.

Tools Required

- #3 metric hex key
- Crescent wrench
- Small flat head screwdriver x2
- Phillips screwdriver

1. Using a #3 hex key, remove the 3 screws that hold the user left sweat guard to the frame (Fig. 1)



Fig. 1

- Using a #3 hex key, remove the screw securing the brake rod carrier cap to the frame (Fig. 2).



Fig. 2

- Using a crescent wrench, remove the brake rod carrier from the frame (Fig. 3 + 3.1). Note that the brake adjustment knob may need to be turned to free the brake rod carrier from the brake nut. Once free from the brake nut, remove the brake rod carrier.



Fig. 3

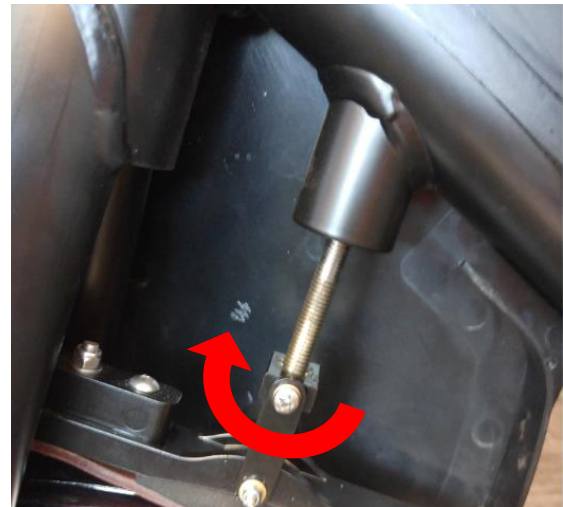


Fig. 3.1

- Using a phillips screwdriver, remove the brake bracket cover from the front of the bike (Fig. 4)



Fig. 4

- After removing the brake bracket cover, use a #3 hex key to remove the screws securing the brake brackets to the frame (Fig. 5)



Fig. 5

6. Pull the brake bracket out of the front of the frame to expose the c clip that holds the bracket arm to the bracket plate. Using 2 small flathead screwdriver, apply even pressure to both side of the clip to remove it (Fig. 6 + 6.1) Please note that the clip may eject with some force and become lost. Once the clip is removed remove the pin to separate the bracket arm and bracket plate.



Fig. 6

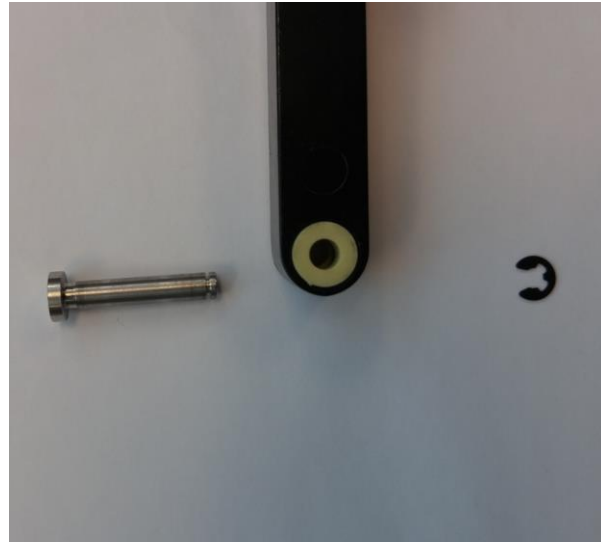


Fig. 6.1

7. After the bracket plate has been removed, remove the brake pad assembly from the frame. If replacing just the brake pad itself, there are two screws that still need to be removed (Fig. 7). Remove them using a #3 hex key and a crescent wrench.



Fig. 7



Brake Pad Assembly

Continue to step 8 only if replacing the brake nut.

8. To free the brake nut from the brake pad, use a phillips screw driver, remove the two screws holding the brake nut to the brake pad (Fig. 13 + 14).



Fig. 13



Fig. 14