

Studio 5 Belt and Flywheel Replacement

Studio 5 (9-7280)

This document reviews the process of replacing the drive belt and flywheel on the Star Trac Studio 5 bike.

Tools Required

- Phillips screwdriver
- #3 hex key
- #5 hex key
- 3/32" hex key
- Crescent wrench

1. Use a Phillips screw driver to remove the screws securing the user left Chainguard to the bike then rotate the chainguard downward to remove (Fig 1).

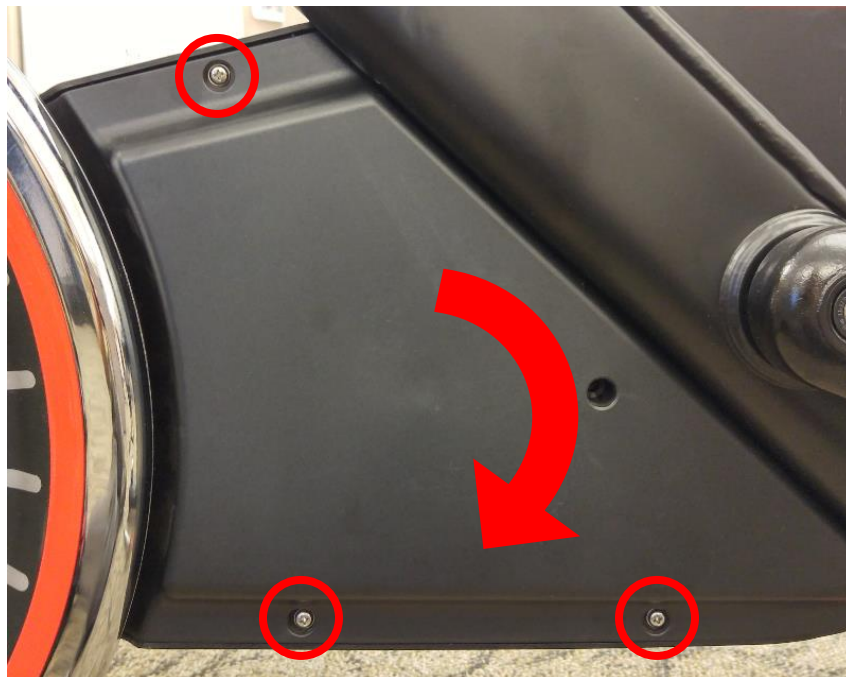


Fig. 1

2. Use a 3/32" hex key to remove the screw that runs through the spacer bolt and secures the user right chainguard to the frame (Fig. 2).



Fig. 2

3. Remove the rubber cap from the user right chainguard to expose the screws (Fig. 3 + 3.1).



Fig. 3



Fig. 3.1

4. Use a 5mm hex key to remove the three screws from the user right chainguard then pull outwards to remove the front chainguard (Fig. 4).



Fig. 4

5. Use a crescent wrench to loosen the nut on the idler tensioner arm to loosen to the tension on the idler and belt (Fig. 5)



Fig. 5

- Using a #3 hex key, remove the screw holding the idler to the idler tensioner arm (Fig. 6)



Fig. 6

- Walk the belt off of the idler pulley (Fig 7)



Fig. 7

8. Walk the belt off of the crank pulley (Fig. 8)



Fig. 8

9. Loosen the left and right tension screw lock nuts using a small crescent wrench (Fig. 9) then use a #3 hex key to loosen the left and right tensions screws (Fig. 9.1) until they are flush with the inside of the flywheel channel

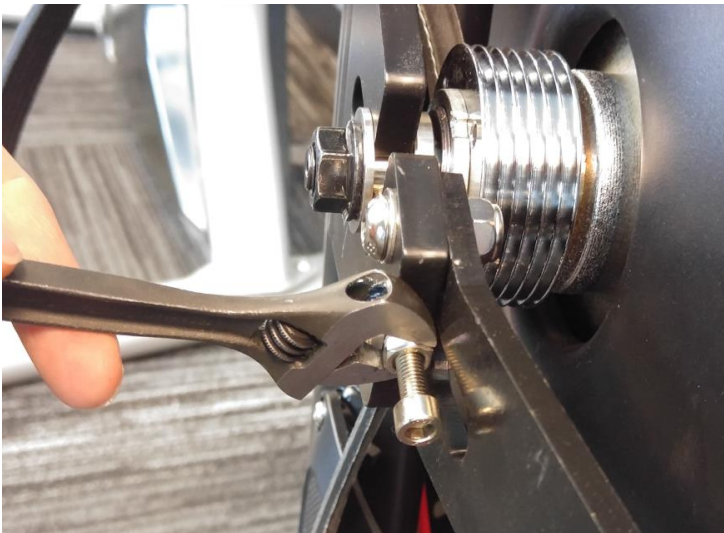


Fig. 9



Fig. 9.1

Technical Procedure

10. Use a crescent wrench to remove the left and right flywheel axle nuts and axle spacers (Fig. 10 + 10.1). Please note that the spacers are left and right side specific.



Fig. 10

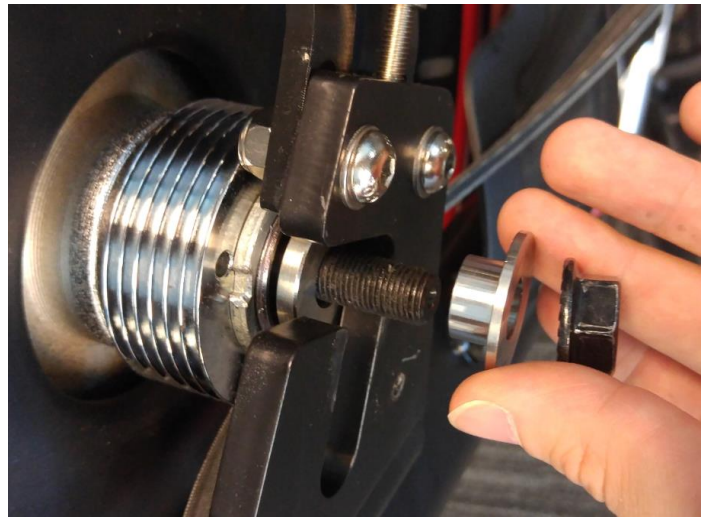


Fig. 10.1

11. Carefully rotate the flywheel back and down to remove the flywheel from the frame (Fig. 11). Please take in this step as the flywheel is very heavy, ~35 lbs.

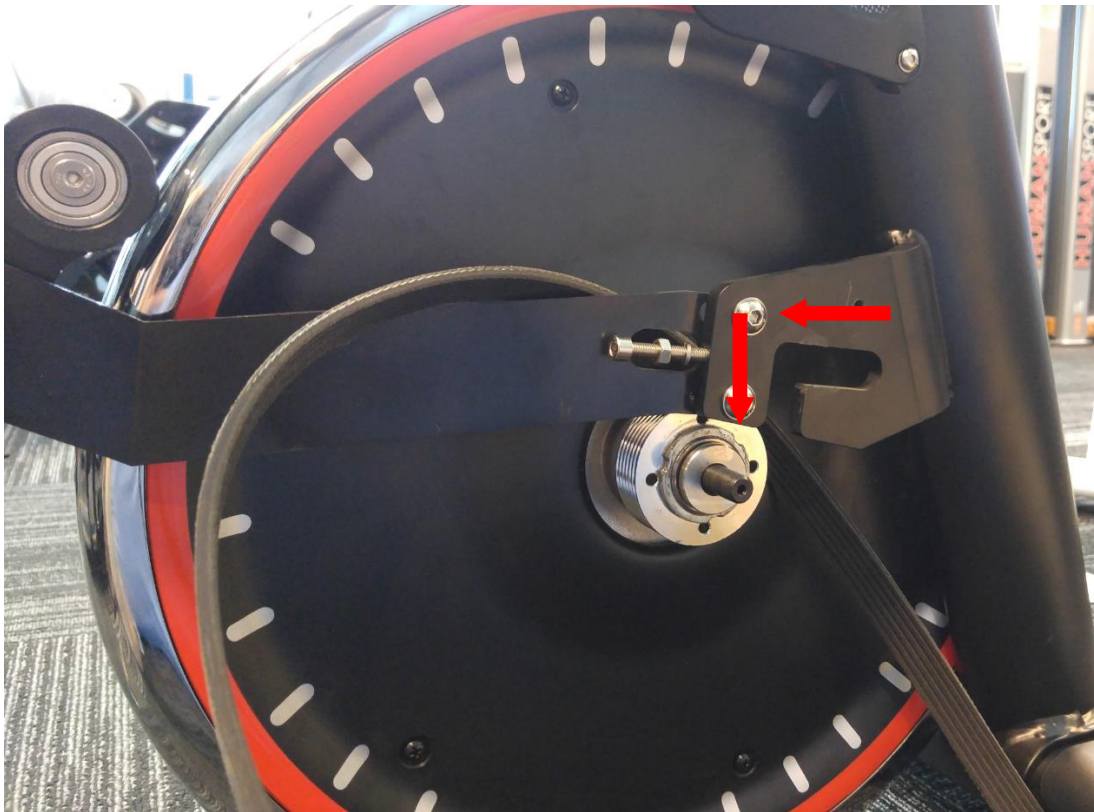


Fig. 11

12. Using a crescent wrench and a #3 hex key remove the two bolts that hold the cross brace to the frame (Fig. 12 + 12.1).



Fig. 12

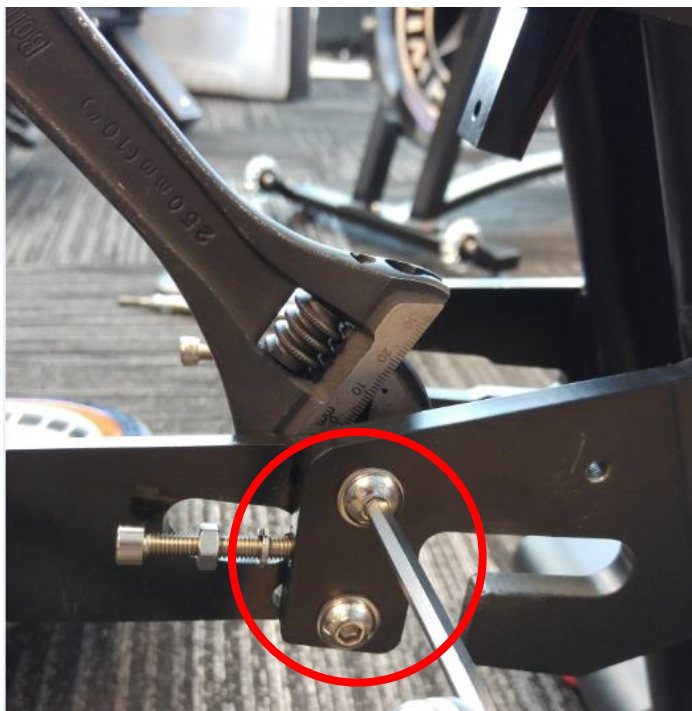


Fig. 12.1

13. Push the cross brace away from the frame mount, then pass the belt through the gap between the cross brace and frame to remove the belt (Fig. 13)



Fig. 13