

## ***Replacing the Bike Flywheel/Drive Belt (R51, R52hr, B51, B52hr, R6055)***

---

**Tools:** Phillips screwdriver, 11mm wrench, 14mm socket, 15mm wrench, crank puller, vice grips. Note: Diagram on following page.

1. Remove the left pedal with a 15mm wrench.
2. Remove the black cap from the center of the crank disk.
3. Remove the crank arm nut with a 14mm socket.
4. Using a crank puller, thread the puller onto the crank arm. Extract the crank arm and crank disk from the axle and remove.
5. Remove the accent piece by gently lifting up at the bottom of the accent piece and tilting towards the front of the machine.
6. Remove the screws that attach the left side cover in place.
7. Repeat steps for right side.
8. Adjust the tension knob to the lowest setting.
9. Loosen the 11mm nut (R15) holding horizontal tensioning bolt (R13) into position on both sides of the flywheel (It is a good idea to note the position of this nut in order to set the drive belt for the correct belt tension.
10. Remove the 17mm nut (R16) and the belt-tensioning bolt, which hold the flywheel to frame on both sides.
11. Remove flywheel (R03).
12. Remove belt (R10) from crank pulley (R02).
13. Slide new flywheel into position making sure to reattach the drive belt.
14. Turn belt onto crank pulley. Caution: Use care to avoid pinching fingers.
15. Attach the 17mm nut and the belt-tensioning bolt, which hold the flywheel to frame on both sides.
16. Tighten the horizontal bolts with metal guards on both sides with the 11mm lock nuts. It is important to tighten both sides evenly.
17. Check belt tightness. Adjust tightness by loosening or tightening lock nut on horizontal bolt. To measure the belt tension, a timing belt tension gauge is required. The correct belt tension tolerance is 120-140 lbs. If a belt tension gauge is not available, the drive belt should

- have about 0.25" deflection when pressing down firmly on the drive belt.
18. Once the belt tension is set properly, tighten the 17mm nuts on both sides of the flywheel.
  19. Attach the right and left side covers and secure with screws.
  20. Replace wood grain accent piece.
  21. Attach crank arms and crank disks and secure with 14mm nut. Place black crank disk cap over 14mm nut.
  22. Slide console mast boot back into place.
  23. Attach the pedals.
  24. Ride the exercise bike to make sure it is working properly.

