Part Replacement | Bikes

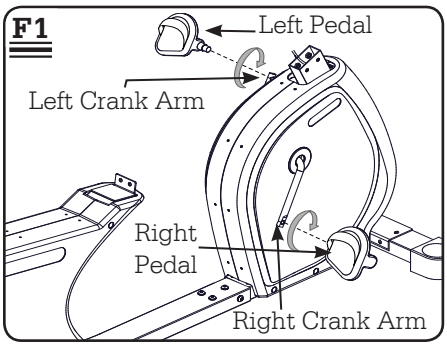
>> One Piece Crank Axel Replacement

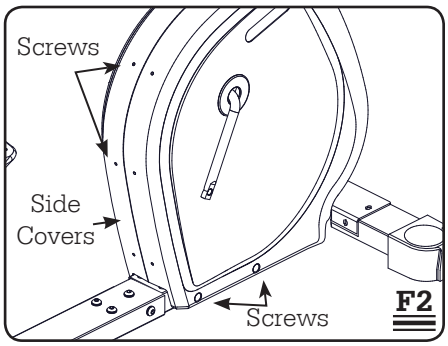
Tools Required:

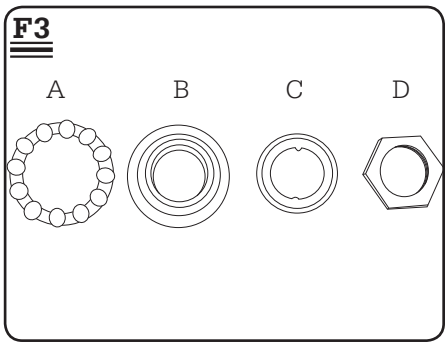
- Phillips Screwdriver
- Flat Head Screwdriver
- Small Adjustable Crescent Wrench (16mm)
- Large Adjustable Crescent Wrench (30 mm)
- Hammer
- 13mm/15mm Flat Wrench

Procedure:

1 | Remove the right pedal from the right crank arm by twisting it counter-clockwise with the 13mm/15mm flat wrench.**(F1)**







2 | Remove the left pedal from the left crank arm by twisting it clockwise with the 13mm/15mm flat wrench. **(F1)**

Note: The left crank arm is reverse threaded so it is necessary to twist it clockwise to loosen the pedal. Likewise, when reattaching the pedal it will be necessary to tighten it by twisting counter-clockwise. Tightening it the opposite way can damage the pedal and/or the crank arm.

3 | Using the Phillips Screwdriver, remove the plastic shrouds. **(F2)**

4 | Unhook the spring for the tension assembly. This will give the drive belt some slack.

5 | Using the flat head screwdriver, work the drive belt off the groves to detach.

6 | Remove the crank nut (D). **(F3)**

7 | Remove the notched locking washer (C). **(F3)**

8 | Remove the Bearing Press (B). **(F3)**

9 | Remove the Bearings (A). **(F3)**

10 | Remove the crank.

11 | Remove the bearings (A), bearing press (B) and flat washer from the crank.

12 | Remove the crank pulley if needed.

Re-Assembly

1 | Replace crank pulley if needed.

2 | Replace flat washer, bearing press (B), and bearings (A). **(F3)**

3 | Insert crank into frame.

4 | Insert the left side bearings (A), bearing press (B), and notched locking washer (C). **(F3)**

5 | Tighten the nut securely.

6 | Reattach the drive belt.

7 | Replace the plastic shrouds.

8 | Replace the pedals. (See above note)