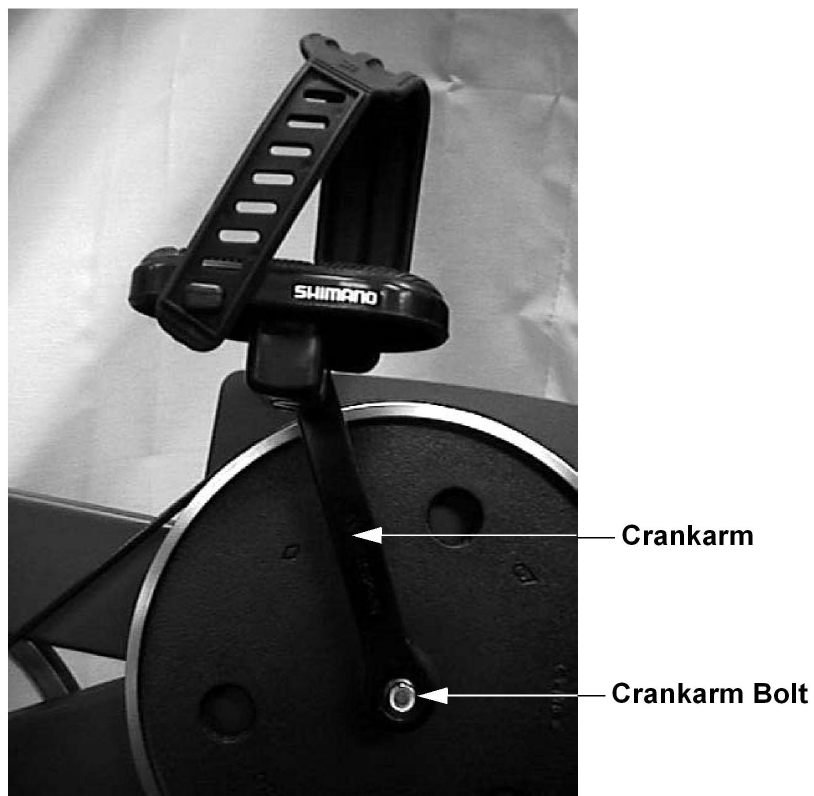


Procedure 7.1 - Removing or Replacing One or Both Covers

1. For C842 and C846 units, skip to step 14. For C846 version 1 units, continue with step 2.
2. Set the on/off switch in the off position.
3. The right hand cover may be removed without removing the right hand crankarm. The left hand crankarm must be removed to remove the left hand cover.
4. If you are removing the left hand cover, a plastic cap covers the crankarm mounting bolt. Using a thin bladed tool, remove the cap from the crankarm. (See Diagram 7.1), continue with step 4. If you are removing the right hand cover skip with step 6.
5. Grasp and hold the left hand crankarm, loosen but do not remove the crankarm mounting bolt with a socket wrench.

Diagram 7.1 - Crankarm Mounting



6. Do not use a bicycle crankarm removal tool, it may damage the threads in the crankarm axle. Loosen the crankarm using a small gear puller. Remove the crankarm mounting bolt, then remove the crankarm.

7. Remove the cover fasteners across the top surface of the covers. Remove the fasteners from across the bottom edge of the cover(s) being removed.
8. Remove the column mounting bolts associated with the cover(s) being removed (2 per cover). Remove the cover(s).

Caution:

If both covers were removed in step 7, replace the column mounting bolts after the covers have been removed. If the column mounting bolts are not replaced the column will be unsupported and may fall off of its mount.

9. When maintenance procedures are complete, remove the column mounting bolts (if necessary). Set the original or replacement cover(s) in place on the cycle's frame.
10. Replace and hand tighten the column mounting bolts.
11. Hand start all of the fasteners across the top surface and bottom edge(s) of the cover(s). Tighten all of the cover fasteners and column bolts in the following order: the three screws across the top of the cover, the two screws on the rear of the cover, the two screws on the bottom of the cover and the column mounting bolts last.
12. If the left hand cover has been removed, align the flat surfaces of the crankarm with the flat surfaces of the axle and slide the crankarm onto the axle. Ensure that the crankarms are opposite (180°) each other. Place blue loctite on the crankarm mounting bolt and thread the crankarm mounting bolt into the axle and torque the crankarm bolt to 500 in. lbs. Press the crankarm cap into place in the crankarm(s).
13. Operate the cycle a high resistance setting until you are assured that the crankarms are securely mounted.
14. Remove four screws from the and left side of the top cover.

Note

It is not necessary to remove the crankarms to remove the covers on the C842 and C846 version 2 units.

15. Remove two screws from the rear of the cover and two screws from the bottom of the left and right covers. Remove the left and right cover. Grasp the top cover and move it sideways away from the front column. Slide the top cover forward and off.
16. When maintenance procedures are complete, set the top cover in place. Gently spread the the two projecting legs at the rear of the cover and slide the legs under the seat rail. Take care that you do not snag the lower PCA wiring with the top cover legs.
17. Hand start the two front bolts third from the front top cover mounting bolts on both sides of the cover. Only start them a few threads, just enough so that they are securely in place.
18. Slide the top edge of the right side cover under the top cover and hand start the two remaining top bolts and the two bottom bolts.

19. Slide the top edge of the left side cover under the top cover and hand start the two remaining top bolts and the two bottom bolts. Hand start the two rear cover bolts.
20. Securely tighten all fourteen cover bolts.