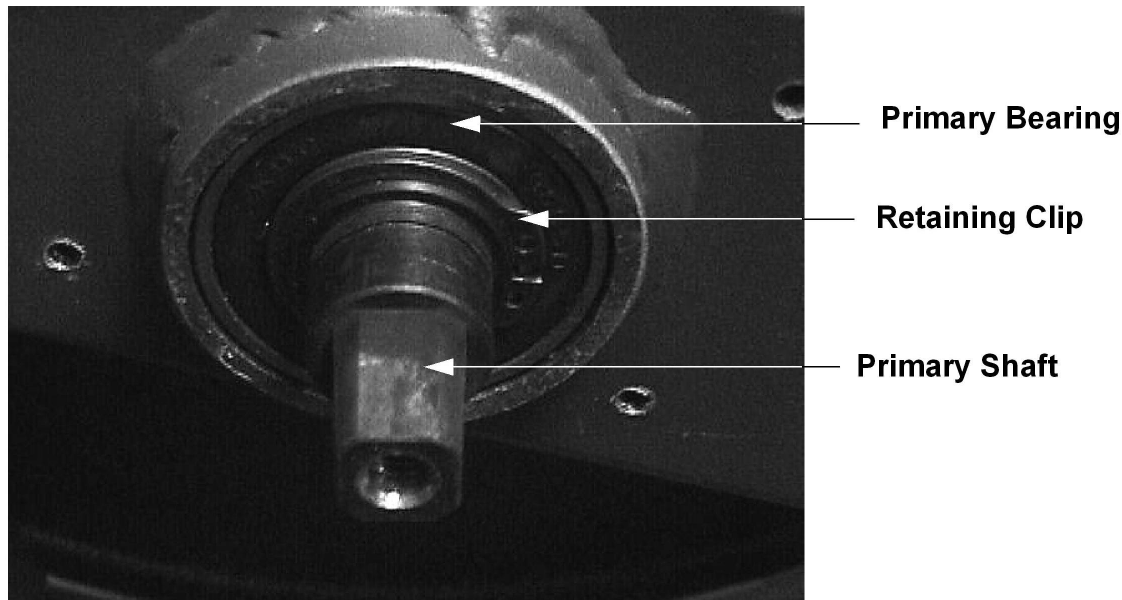


Procedure 7.16 - Replacing the Primary Pulley or Primary Bearings

1. For C842 and C846 version 2 units, skip to step 12. For C846 version 1 units, continue with step 2.
2. Remove the primary drive belt per Procedure 7.14, steps 1-3.
3. Remove the secondary drive belt per Procedure 7.15, steps 1-4.
4. Remove the retaining clip from the primary shaft. Slide the primary pulley/shaft assembly out of the cycle.
5. If you are not replacing the primary shaft bearings, skip to step 7.
6. Using a long thin tool, tap the primary bearings out of the frame.

Diagram 7.26 - Primary Bearings



7. Slide the replacement bearings into the frame. The bearings should fit into the frame by hand, it is not necessary to tap them in with a mallet.
8. Slide the original or replacement primary pulley/shaft assembly into the primary bearings.
9. Replace the retaining clip on the primary shaft.
10. Replace the secondary drive belt per Procedure 7.15, steps 5-7.

11. Replace the primary drive belt per procedure 7.14, steps 4-6. This procedure is complete.
12. Remove the left, right and top covers.
13. Remove the left and right crankarms per Procedure 7.2. Slide the left pulley cover off of the primary pulley axle.
14. Remove the five bolts retaining the right pulley cover. See Diagram 7.23. Remove the right pulley cover.
15. Loosen the idler pulley locknut and release tension from the primary belt.
16. There are two small screws retaining the left and right hand primary pulley bearings in the frame. The screws retaining the left hand bearing are easily visible. The primary pulley has holes in it that will align with and provide access to the right hand bearing retaining screws. Remove all four bearing retaining screws.
17. Remove the large cease nut from the left side of primary pulley shaft. Slide the primary pulley out of the frame. The left hand bearing is in the frame bearing pocket, the right side bearing is part of the primary pulley assembly.
18. If the bearings are being replaced, slide the left hand bearing out of the frame pulley pocket. Slide the replacement bearing into the left hand frame pocket and fasten it with two of the bearing retaining screws removed in step 16.
19. Slide the replace primary pulley assembly into place in the frame. Align the holes in the primary pulley with the bearing retaining holes. Fasten the right hand bearing with the remaining two screws removed in step 16.
20. Thread the large cease nut, removed in step 17 onto the primary pulley shaft and tighten. Do not over tighten the cease nut, the primary pulley must turn freely without any wobble or lateral movement.
21. Set the left hand pulley cover in its mounting position and retain it with screws removed in step 14. Torque the screws to 50 inch pounds. Slide the left pulley cover onto the primary shaft.
22. Replace both crankarms per Procedure 7.2.
23. Tension the primary belt per Procedure 5.1.
24. Replace the left, right and top covers.