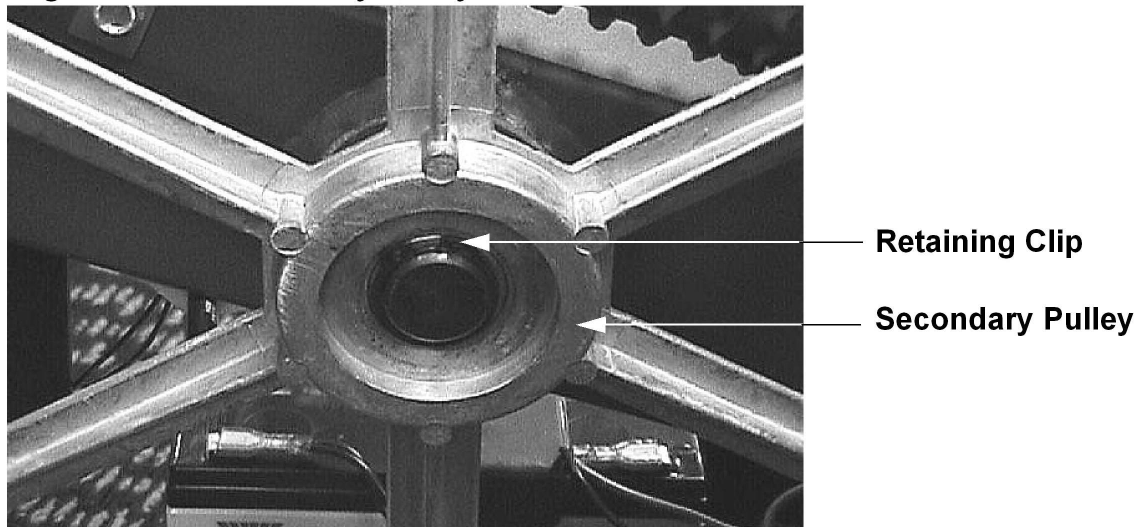


Procedure 7.17 - Replacing the Secondary Pulley, Intermediate Pulley or Secondary Bearings

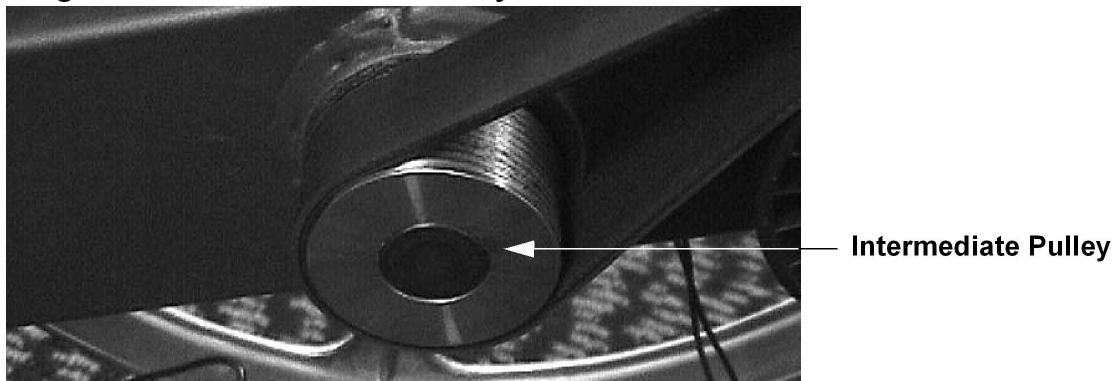
1. For C842 and C846 version 2 units, skip to step 14. For C846 version 1 units, continue with step 2.
2. Remove the primary drive belt per Procedure 7.14, steps 1-3.
3. Remove the secondary drive belt per Procedure 7.15, steps 1-4.
4. Remove the retaining clip from the secondary shaft. Slide the Secondary pulley off of the intermediate shaft.

Diagram 7.27 - Secondary Pulley



5. If you are not replacing the intermediate shaft/pulley assembly, skip to step 6.
6. Slide the intermediate shaft/pulley assembly out of the frame.

Diagram 7.28 - Intermediate Pulley



7. If you are not replacing the secondary bearings, skip to step 9.
8. Using a long thin tool, tap the secondary bearings out of the frame.
9. Set one of the replacement bearings in place in the frame as far as possible by hand. Place a 1-3/4 inch pipe against the bearing so the pipe wall aligns with the outer bearing race. Taking care that the bearing is straight, use a mallet gently tap the bearing into the frame. be sure that the bearing is fully seated into the frame. Repeat this procedure with the remaining replacement bearing.
10. Slide the original or replacement (if required) intermediate shaft/pulley into the bearings.
11. Slide the original or replacement (if required) secondary pulley onto the intermediate shaft. Replace the retaining clip.
12. Replace the secondary drive belt per Procedure 7.15, steps 5-7.
13. Replace the primary drive belt per procedure 7.14, steps 4-6. This procedure is complete.
14. Remove the left, right and top covers.
15. If only the secondary pulley is being replaced (the secondary pulley assembly contains the clutch bearing), skip this step and continue with step 16. Loosen the idler pulley locknut and release tension from the primary belt.
16. Loosen the secondary belt adjustment bolt and remove tension from the secondary belt.
17. Remove the retaining ring from the left side of the secondary pulley shaft.
18. Slide the large thrust washer off of the secondary pulley shaft. Slide the secondary pulley off of the secondary pulley shaft. If only the secondary pulley is being replaced, skip to step 26.
19. Slide the remaining thrust washer off of the secondary pulley shaft and remove the second retaining ring from the secondary pulley shaft.
20. Insert an allen wrench into the left end of the secondary pulley shaft and remove the secondary axle with a spanner wrench. See Diagram 7.23.
21. Remove the large retaining from the right hand side bearing pocket and slide the secondary shaft out of the frame. There is now a loose wave washer still inside the frame bearing pocket. Remove and retain the wave washer.
22. The left side bearing, secondary axle or secondary shaft assembly may now be replaced as required.
23. Slide the wave washer, from step 21 onto the longer end of the secondary shaft. Slide the longer end of the secondary shaft into the left side bearing. Replace the large retaining ring, removed in step 21, into the right hand side bearing pocket.

24. Insert an allen wrench into the left end of the secondary pulley shaft, thread the secondary axle onto the secondary axle and tighten with a spanner wrench.
25. Replace the inside retaining ring, removed in step 19, onto the secondary pulley shaft. Slide one of the thrust washers onto the secondary pulley shaft.
26. Slide the replacement secondary pulley onto the secondary pulley shaft.
27. Slide the remaining thrust washer onto the secondary pulley shaft. Replace the outside retaining ring, removed in step 17.
28. Route the secondary belt over the secondary pulley and the generator pulley. Tension the secondary belt per Procedure 5.2.
29. If necessary, route the primary belt around the primary pulley, over the idler pulley and around the secondary axle as shown in Diagram 7.23. Tension the primary belt per Procedure 5.1.
30. Replace the left, right and top covers.