

Procedure 7.7 - Replacing the Generator Pulley Belt

WARNING

Before continuing with this procedure, review the Warning and Caution statements listed in Section One, Things You Should Know.

1. Remove the rear cover and disconnect the red battery lead from terminal M6 of the lower PCA.
2. Remove the stairarm assemblies as described in Procedure 7.12, steps 2 to 4.
3. Remove the crankarm assemblies as described in Procedure 7.5, steps 2 to 5.
4. Remove the input pulley assembly per Procedure 7.8, steps 4 to 7.
5. Remove the left and right tension bolts, locking tabs and brackets from the step up pulley assembly.
6. Remove the three generator mounting screws shown in Diagram 7.18.
7. Remove the two bearing clamp screws shown in Diagram 7.19. Remove the bearing clamp.
8. Lift the generator and remove its drive belt.
9. Slide the step up pulley assembly with both the generator and input belts out of the drive unit.
10. Remove and discard the generator belt. Set the replacement generator belt in it's mounting position on the step up pulley assembly.
11. Set the step up pulley assembly with the generator and input belt at its mounting position in the drive unit. Replace the tensioning bolts, locking tabs and brackets removed in step 6. Thread, but do not tighten, the left and right tension bolts into the step up pulley shaft.
12. Lift the generator and place the drive belt around the generator's pulley.
13. Replace and tighten the three generator mounting screws removed in step 6. Set the bearing clamp in its mounting position, replace and tighten the two bearing clamp mounting screws removed in step 7.
14. Mount the input assembly per Procedure 7.8, steps 8 to 12.
15. Replace the crankarm assemblies per Procedure 7.5, steps 6 to 10.
16. Replace the stairarm assemblies per Procedure 7.12, steps, 11 to 12.

17. Tension both belts per Procedure 5.3. Note the differences between tensioning a new belt and a existing (used) belt.
18. Replace the red battery lead removed in step 1 and check unit operation as described in Section Four.