



## PARTS REMOVAL AND REPLACEMENT

6. Adjust the HTD belt tension so that you have 1/4 inch (0.6 cm) of side-to-side play with fingertip pressure (see Figure 30). The bottom shaft is mounted in an eccentric hub. To adjust the tension:
  - Loosen and remove the four bolts and nyloc nuts from the hub.
  - Turn the hub one hole clockwise.
  - Install and tighten the four bolts and nyloc nuts.
  - Verify the HTD belt tension.
7. Install the Poly-V belt. Make sure it is centered on the pulleys.
8. Pivot the alternator up or down as necessary to allow 1/4" (0.6 cm) of belt deflection with fingertip pressure at the center of the vertical portion of either side of the belt (see Figure 30).
9. Tighten the alternator adjustment bolt. Verify 1/4" (0.6 cm) of play in the belt and reinstall the bottom cover.

### STEP CHAIN RETAINER

1. Remove the bottom cover.
2. Loosen and remove the two step chain retainer bolts. These bolts are also the top two mounting bolts for the drive hub assembly.
3. Reverse the removal procedures to install the step chain retainer. Make sure there is adequate clearance between the step chain and the step chain retainer.

### PEDAL ARM RETURN SPRING

1. Remove the bottom cover.
2. Unhook the pedal arm return spring from the spring hanger.
3. Detach the spring from the step chain by removing the master link. The spring-chain connector is in good condition if it has an hour glass shape. Replace a worn spring-chain connector.

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4. Check to ensure that the spring pulley turns freely and is not worn excessively. Refer to the "Spring Pulley" section if you have to replace the pulley.
5. To reinstall the spring, connect it to the end of the step chain using the master link.
6. Route the spring under the spring pulley that is fastened to the spring pulley shaft (see Figure 11).
7. Hook the end of the pedal arm return spring onto the spring hanger.



### WARNING

DO NOT TWIST THE SPRING DURING INSTALLATION. IT WILL WEAR EXCESSIVELY AND REDUCE THE LIFE OF THE SPRING.

8. Reinstall the covers.

## STEP CHAIN

1. Remove the bottom cover.
2. Remove the step chain retainers.
3. Support the pedal arm. Unhook the pedal arm return spring from the spring hanger. Lift the step chain up and off the clutch sprocket and lower the pedal arm to the floor.
4. Remove the double-pitch master link (PN 21298SV) and bearing sleeve assembly from the step chain connection point on the pedal arm.
5. Remove the master link from the spring-chain connection.
6. Reverse the procedures to reinstall the step chain. Lubricate the step chain before reinstalling the covers.