

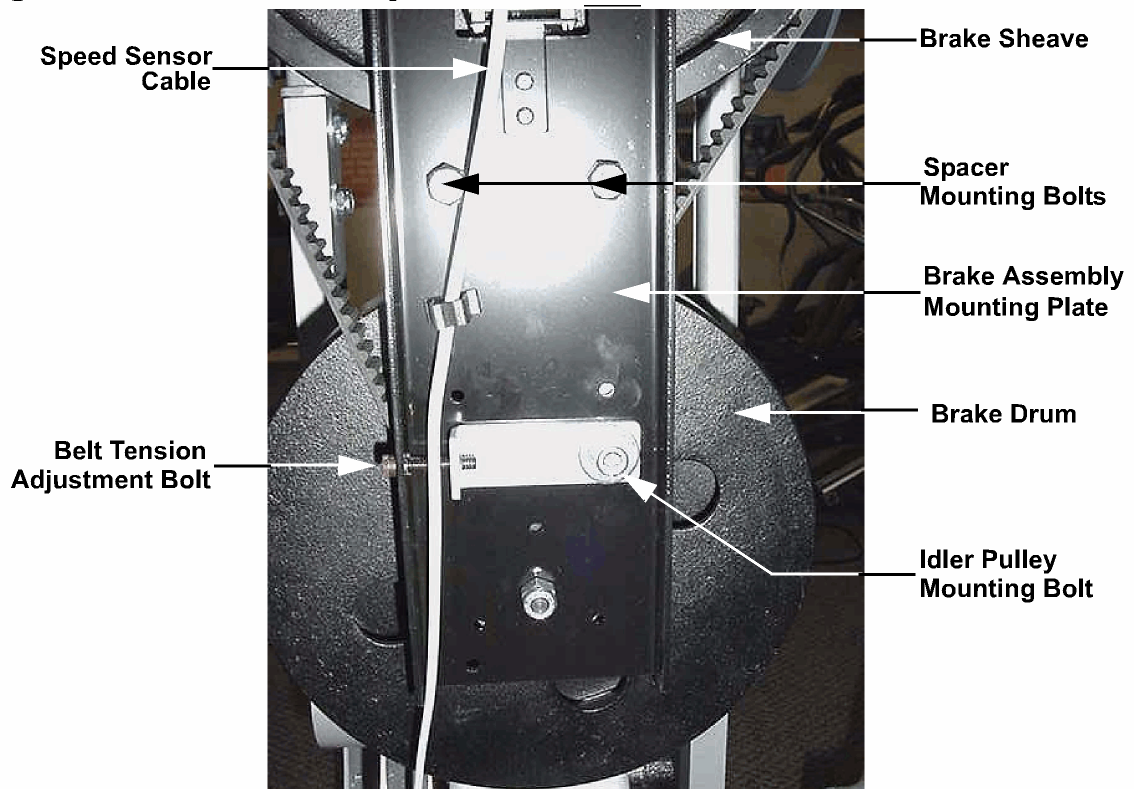
Procedure 7.5 - Replacing Brake Belt

WARNING

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

1. Remove the rear covers, and the left and right side covers.
2. Remove the hardware that fastens the connecting rods to the brake sheave and remove the connecting rods from the brake assembly.
3. Disconnect the speed sensor cable from the speed sensor PCA.
4. Loosen but do not remove the two bottom brake assembly mounting bolts. Remove the two upper brake assembly mounting bolts. Carefully remove the brake assembly and place it on a flat solid work surface.
5. Loosen, the belt tension adjustment bolt. Remove the idler pulley mounting bolt and the idler pulley. See Diagram 7.5.
6. Remove the hardware that fasten the two spacers in the center of the brake assembly, remove the spacers.

Diagram 7.5 - Brake Assembly



7. Remove the four screws from the belt bracket and remove the belt bracket. Remove the brake belt by lifting it over the top and bottom edges of the brake assembly mounting bracket.
8. Set the replacement belt on the brake assembly, with the four holes in the belt aligned with the four holes in the brake sheave, by lifting the belt over the bottom and top edges of the brake assembly mounting plate. Replace the belt attachment bracket and fasten it with the four screws removed in step 7.
9. Replace the two spacers and fasten them with the hardware removed in step 6.
10. Replace the idler pulley, with the belt on the left side of the idler pulley and fasten it with the hardware removed in step 5.
11. Carefully set brake assembly its two lower mounting bolts, left in the frame in step 4, and hand start the upper brake assembly mounting bolts. Torque the four brake assembly mounting to 17 - 21 foot pounds (200 - 250 inch pounds).
12. Reconnect the speed sensor cable to the speed sensor PCA. Dress the speed sensor cable into its cable clip.
13. Rotate the brake sheave into position, with the brake attachment bracket on top. Insert the connecting rods into brake sheave and fasten them with the hardware removed in step 2. Torque the connecting rod bolts to 50 - 55 foot pounds (600 - 660 inch pounds).
14. Tension the brake belt per Procedure 5.2.
15. Replace the left and right side covers, then replace the rear covers.