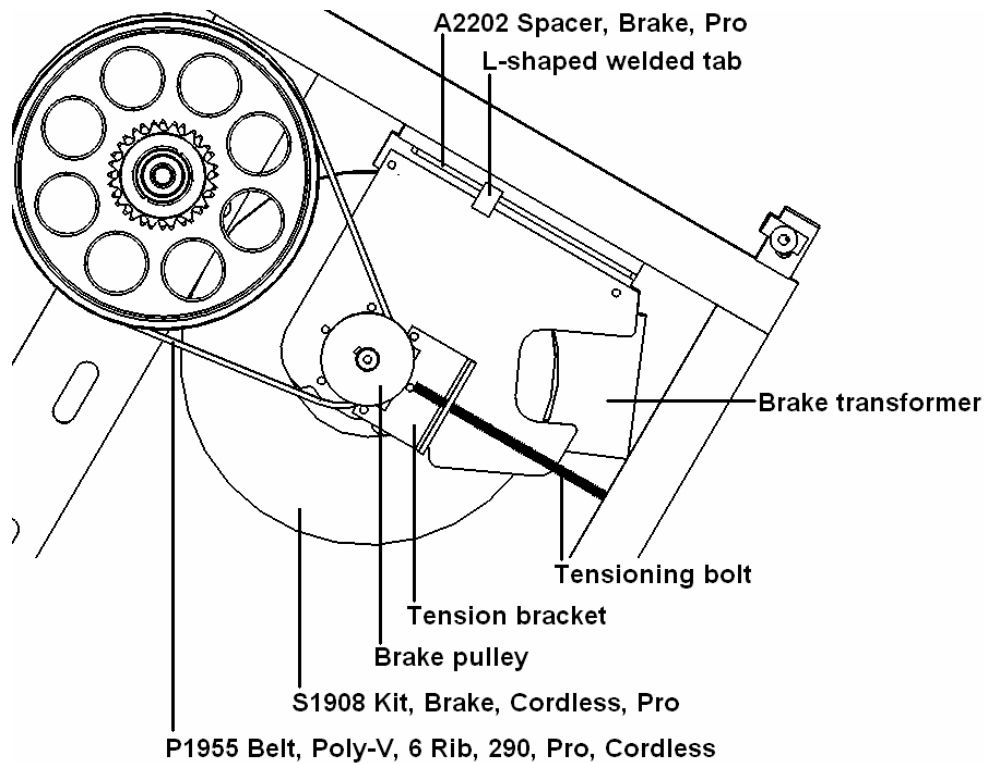
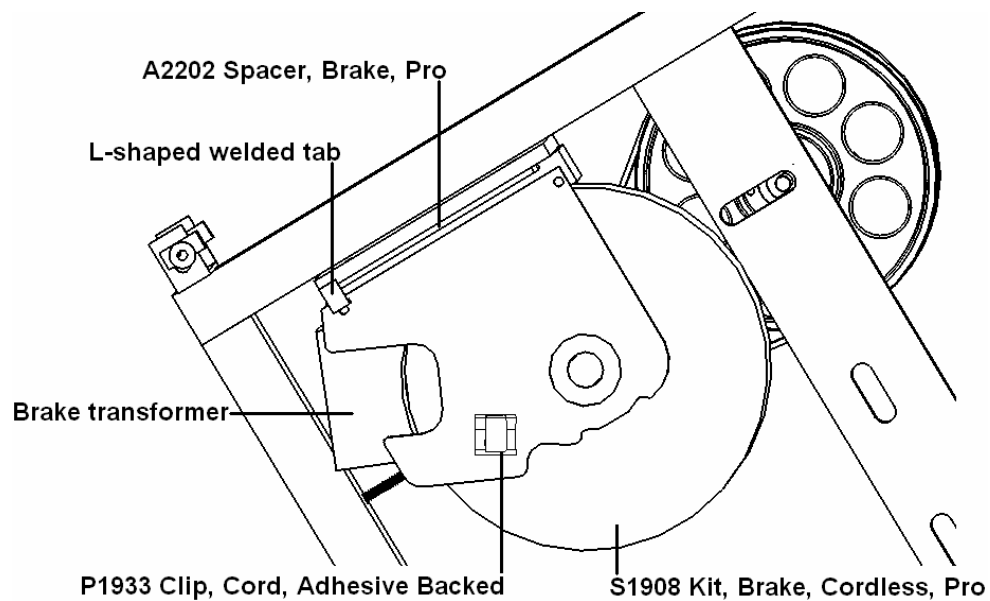


PROII® Series Cordless Brake Replacement



(Right Side View)



(Left Side View)

1. Remove the crank arms and both side covers, using the Crank Arm and Cover Removal procedure.

2. Remove the two (2) nuts holding the tensioning bolt to the tensioning bracket.
3. Remove tensioning bolt from the frame.
4. Cut the tie wrap mounting the 2-pin brake cable to the frame.
5. Disconnect the 2-pin brake cable affixed to the brake transformer from the extension cable leading to the lower PCB.
6. Unplug the 3-pin brake cable from the backside of the brake assembly (S1908) and hook the cable from the cable hook tab.
7. Loosen each brake mounting bolt 3-4 turns.
8. Unhook the poly-v belt (P1955) from around the brake pulley.
9. Remove the two (2) brake mounting bolts on the right side of the frame. Let the brake flange rest on the L-shaped tab welded to the frame.
10. Remove the brake spacer (A2202) on the right side.
11. Support the brake and remove the two (2) brake mounting bolts on the left side of the frame.
12. While supporting the brake, remove the brake spacer on the left side.
13. Remove the brake assembly from the unit. ***Be very careful, as the brake assembly weighs approximately 32lbs.***
14. Rest the new brake assembly on the L-shaped tab welded to the frame on the right side.
15. Place the brake spacer in place on the right side and start the two (2) brake mounting bolts. Each brake mounting bolt should have a flat washer followed by a lock washer. Tighten bolts finger tight.
16. While still supporting the brake assembly, insert the brake spacer on the left side and start the two (2) brake mounting bolts. Each brake mounting bolt should have a flat washer followed by a lock washer. Tighten bolts finger tight.
17. Reinstall the poly-v belt on the brake pulley.
18. Insert the tensioning bolt back through the frame and tensioning bracket.
19. Start one (1) of the two (2) nuts on the tensioning bolt.
20. Align the poly-v belt.
21. Turn the nut on the tensioning bolt resting against the tensioning bracket clockwise until the belt is taut.
22. Tighten all four (4) brake mounting bolts.
23. Install the second nut on the tensioning bolt and tighten.
24. Make sure the poly-v belt is running straight by spinning the brake assembly.
25. Reconnect the 2-pin brake cable affixed to the brake transformer to the extension cable from the lower PCB.
26. Reconnect the 3-pin cable to the backside of the brake assembly.
27. Tie-wrap cables to the frame just below the brake transformer.
28. Verify all connections and bolt tightness.
29. Reinstall the covers and crank arms.
30. Test operations of the unit. Make sure the poly-v belt does not slip at high resistance. If it does, the poly-v belt is not tight enough.