

TNT REPAIR
SINGER FUTURA 900/920 – Creative Touch 1030/1036 Machines
Panel Removal Guide



This guide will also apply to the 900, 925, 935, 1030, 1036, 1411, 1425 Athena Class 1200, 2000, 2005 and Touch Tronic's 2001, 2010, series machines. Or basically any model built on the Futura type of frame design. I believe I've covered most of the models, but may have missed some.

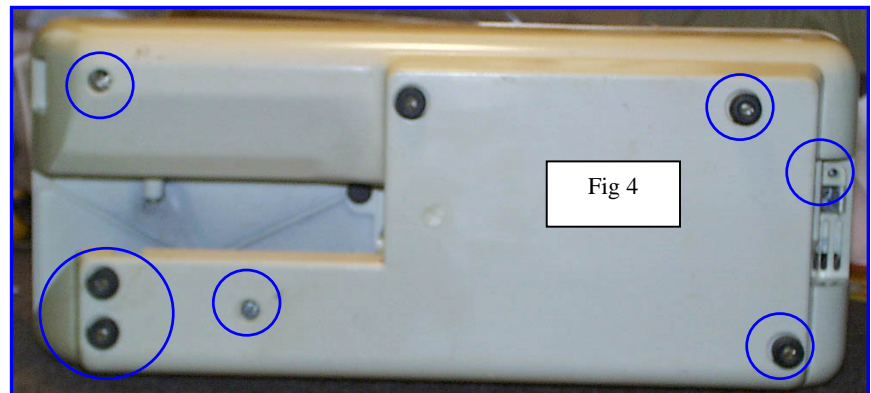
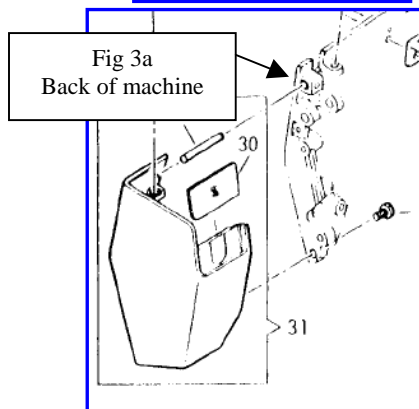
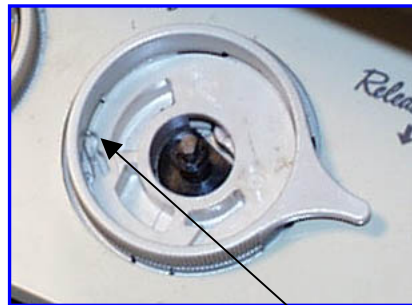
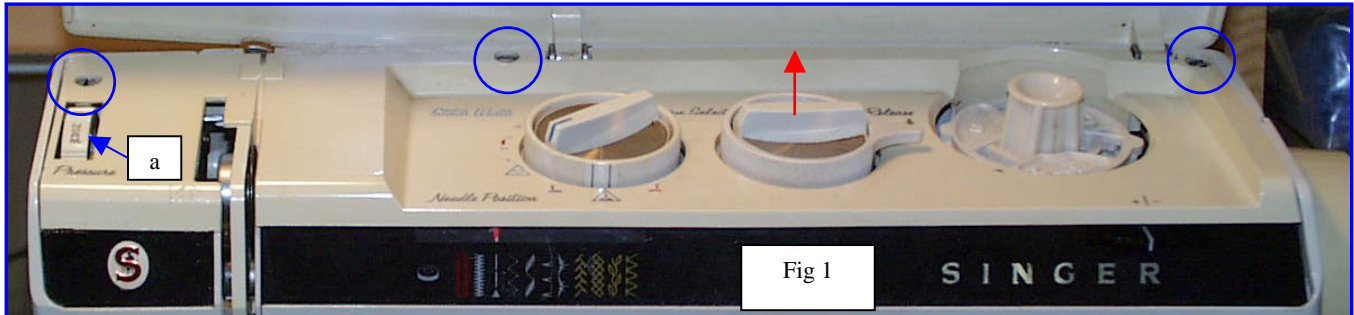
Basic Tool Requirements:

- Screwdriver small blade
- Screwdriver short handled type
- Screwdriver Phillips type #2
- Screwdriver Medium Flat blade type
- Allen Wrench 3/32
- Allen Wrench 5/64
- Flat bar stock that has a true square flat edge. Or the 900/920 gauge, which also helps adjust feed dog height. At least 1/16th thick, and at least 2 inches in length. Basically all you need is something with a true straight flat edge that will fit between the thumbnut screw for the presser foot, and the presser bar guide. Now if the machine has really been tampered with, the presser bar guide could be out of adjustment, but general rule of thumb, it should be ok. The screw that holds it in place is buried behind the buttonholer lever, and not that easy to reach.



Preparing The Machine: (Note: Ensure machine is set to straight stitch, required for timing hook to needle)

- Open the top cover to expose the pattern, and stitch width, needle position dials, (Fig 1). Ensure the machine is set for straight stitching, and center needle position
- Set the presser bar pressure dial to “Darn” (Fig 1, item a)
- Remove the pattern selector dial by pulling it straight upward, as indicated by the Red Arrow, (Fig 1)
- Remove the pattern selector-unlocking dial, reference (Fig 2), by using a small bladed screwdriver, and very gently relieving the pressure lock tab away from the dial. The dial will then spin counter clockwise some, and lift up and off the locking mechanism
- Remove the top cover screws (3 qty), indicated by the blue circles
- Remove the side cover screw (Fig 3) (Note, some models may be equipped with a pinch screw here - Fig 3a)
- Remove the side cover by sliding it off, gently pull is straight off, as part does engage the top left cover screw
- Remove the top, by lifting from the back first, and gently lifting upwards at an angle towards you as you face the machine.

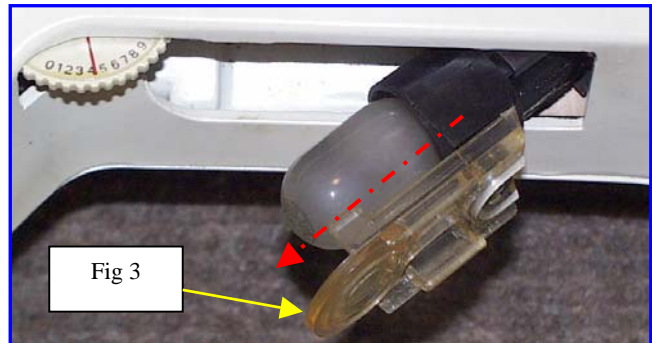
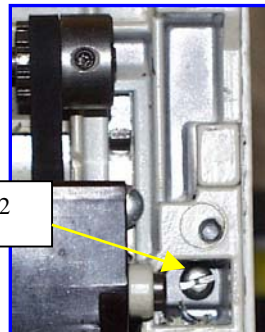
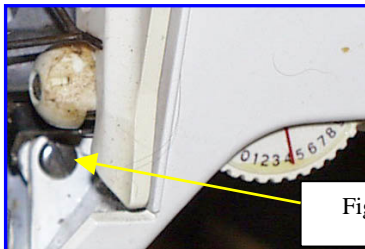
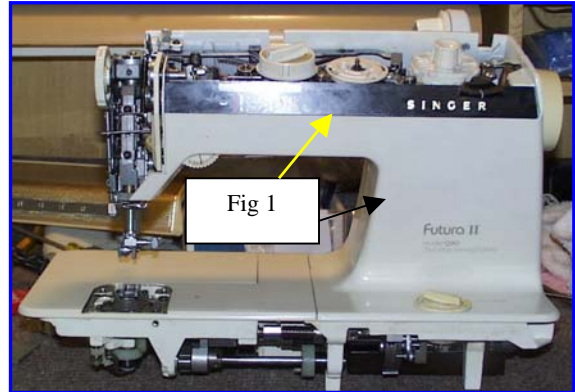


- Once the top and side cover are removed, lay the machine on its back, Fig 4, and remove the pan screws. Indicated by the blue circles

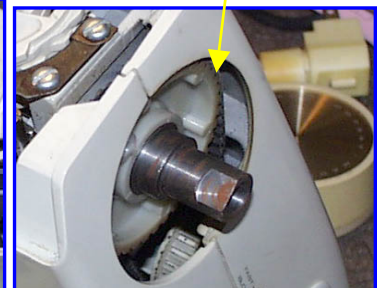
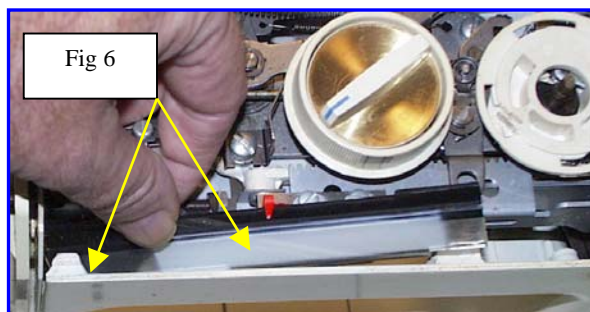
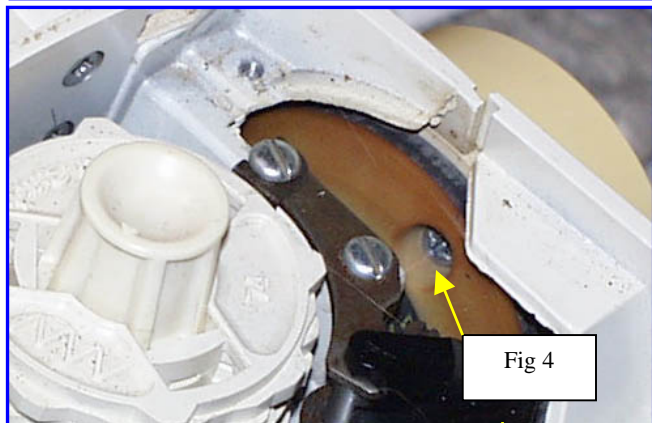
Once you have the top covers, and bottom pan off, we need to remove the front panel. Fig 1, black arrow.

Cover Removal Steps:

1. Remove the 2 screws that hold the front panel on, Fig 2
2. Remove the light lens cover, Fig 3. Work the lens cover in a downward motion, it should slid right off, but if necessary, loosen the screw holding the lens cover to the socket
3. Remove the hand wheel by removing the Philips screw holding it to the gear/belt drive unit. Fig 4. The hand wheel should slide off with little to o resistance.
4. Remove the Pattern Panel, Fig 1, Yellow Arrow

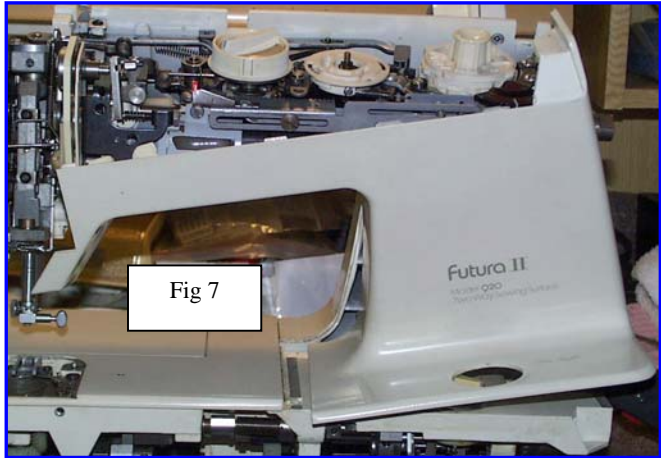


5. Remove the stitch length indicator dial, Fig 5. The dial just lifts straight off the machine
6. Remove the pattern indicators light shield, Fig 6. You'll find it easiest to lift the shield upwards on the left side, move it backwards over the frame rest, and then angle it with the left side downward. The shield will exit the machine mainly from the right side when angled correctly



Cover Removal Steps: (continued)

7. To remove the front cover, position it as shown in Fig 7. Work the right side upwards, while positioning the left side downwards to clear the light socket. It'll help to push the stitch lever down, as you would when sewing in reverse (or back tack), and then work the front cover off the machine.



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