



# ***BE-1201B, 901E-AC*** ***Machine Settings Programming***

For Technical Assistance Please Call Toll Free 1-877-4BROTHER

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If your machine settings have not been programmed or if a “hard reset” has been completed (necessitating reprogramming), these instructions will walk you through programming the settings list.

**PLEASE READ THESE INSTRUCTIONS  
COMPLETELY BEFORE ATTEMPTING  
ANY OF THESE PROGRAMMING STEPS.**

**To reset the machine to the default settings:**

1. “Power off” the machine.

2. Press and hold the  key on the panel.

3. “Power on” the machine. Release the  key after the machine completes the “boot-up” process.

4. Press the  key, when it is available on the display.

Let the machine complete the deletion process before continuing.

# Settings Programming starts:



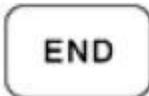
Press the  key twice. Allow time for the display to react to the first keystroke. The screen should appear as such:

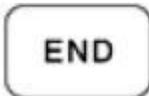


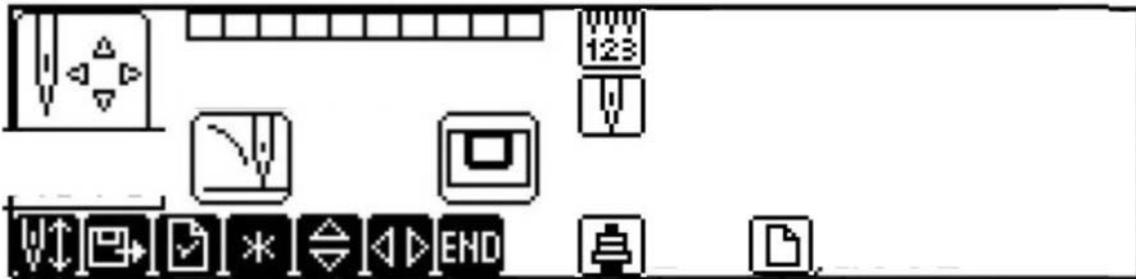
Press the  key, which will highlight the icon to the right. The Display should appear as such:



Press the  key. The Display should appear as such (Next Page):



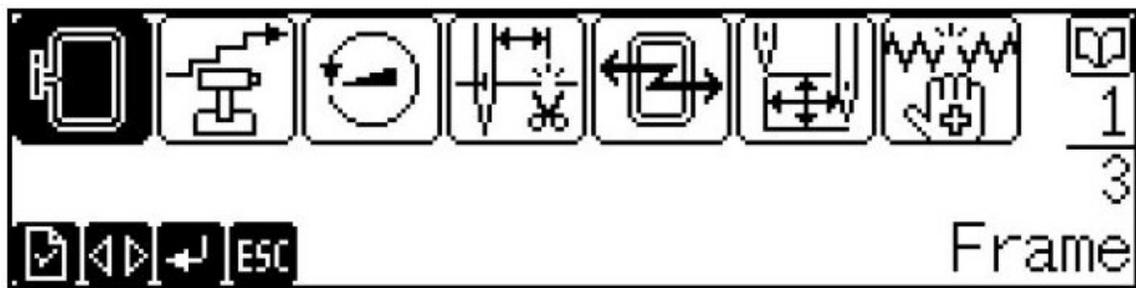
Press the  key. The screen should appear similar to such:



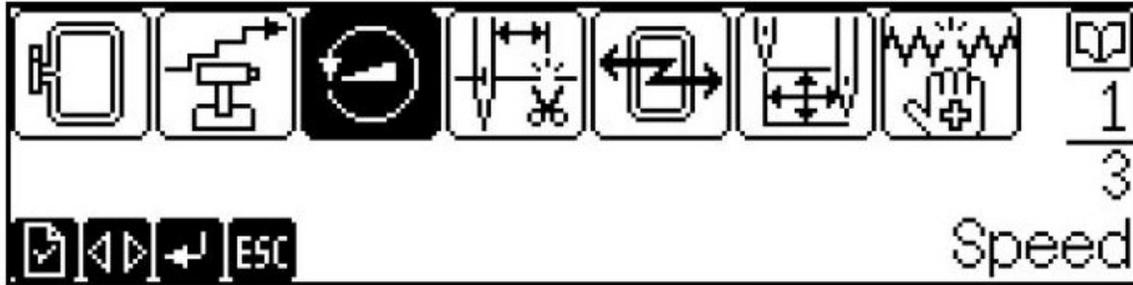
The Thread Break feature has now been programmed.



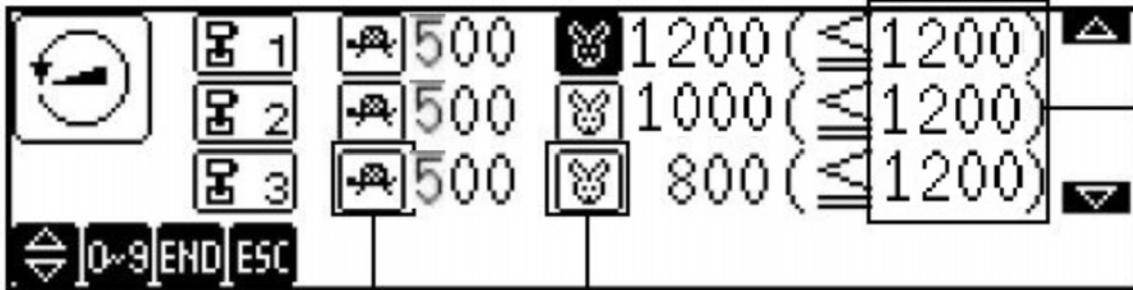
Press the  key. The display should appear similar to:



Press the  key so the  icon is highlighted. The display should appear as such (Next Page):



Press the  key. The display should appear as such:



There are six speed ranges that can be programmed. The programming will be set from a high speed of 1000 SPM (Stitches per Minute) to 500 SPM, decreasing in 100 SPM increments. The image displayed above, shows the speed of ranges 1, 2, & 3. The number  to the right of each  icon shows the current programmed speed of each range. Range 1 is shown with a speed of 1200 SPM, in the image above.

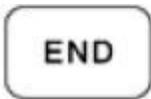
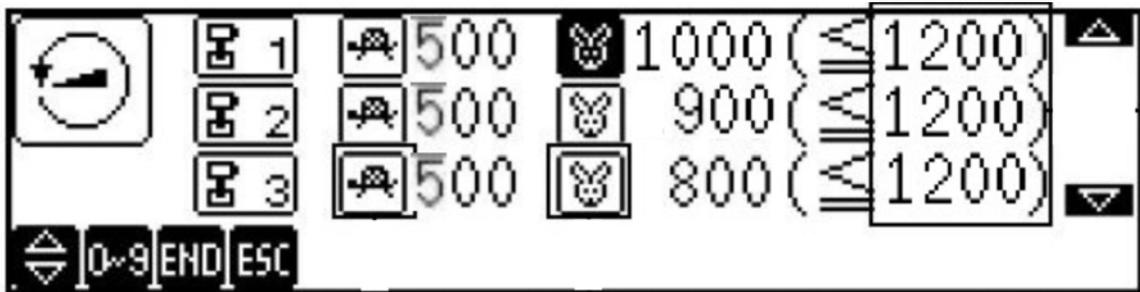
Press ,  SPACE,  & then the  key. You have just set range one to be 1000 SPM, and are now able to the second range.

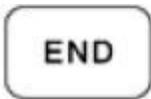
Press ,  SPACE & then the  key; press ,  & then

the  key; press ,  SPACE & then the  key;

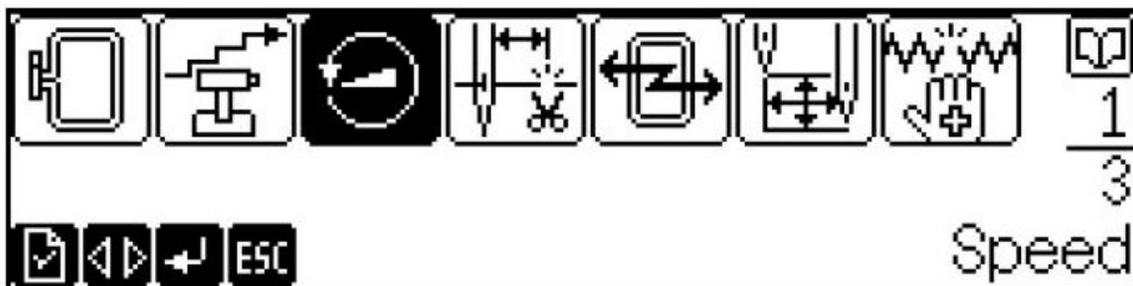
press ,  SPACE & then the  key; press ,  . The 

key will not have to be pressed after setting the sixth speed range. The six speed ranges should now be programmed as 1000, 900, 800, 700, 600 & 500 SPM. Press the  key 5 times, pausing to review each programmed value as you scroll. Verify each setting increases by a value of 100 SPM as you press the  key. You may press the number keys to alter a value if you see that it is programmed incorrectly. After the  key has been pressed so speed range one is highlighted, the display should appear as:



Press the  key to accept the new speed settings.

The screen should appear as such:



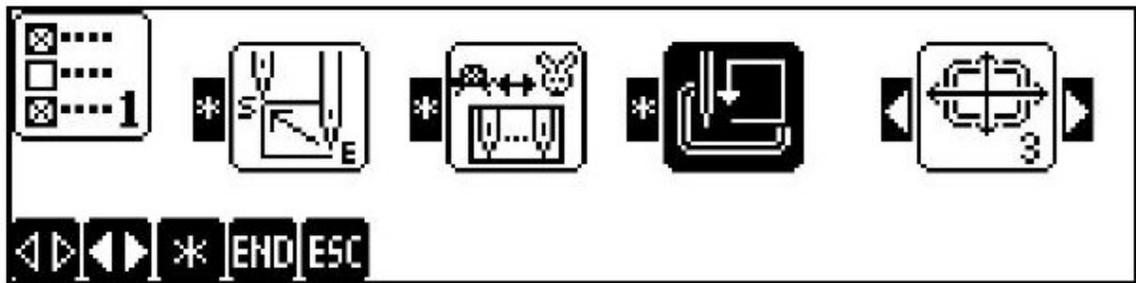
Press the  key. The display should appear as such (Next Page):



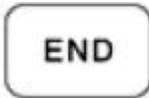
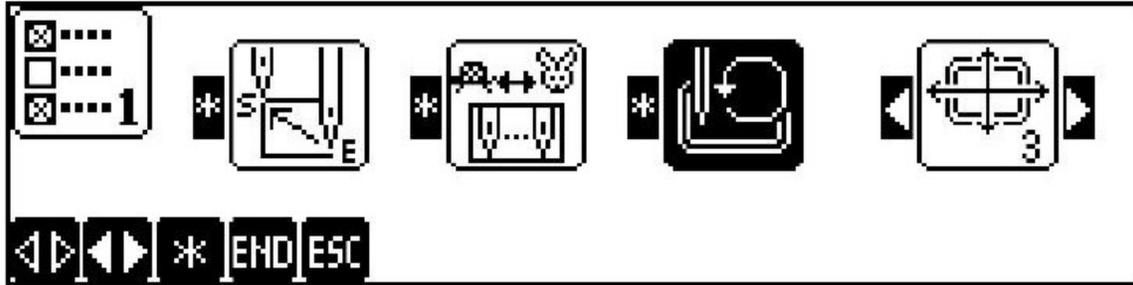
Press the  key. The display should appear as such:

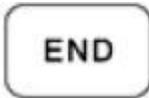


Press the  key twice so the  icon is highlighted. Let the display react to the first keystroke before pressing the  key the second time. The display should appear as such:



Press the  key to change the trace from rectangular to octagonal. The screen should appear as such (Next Page):



Press the  key. The display should appear as such:



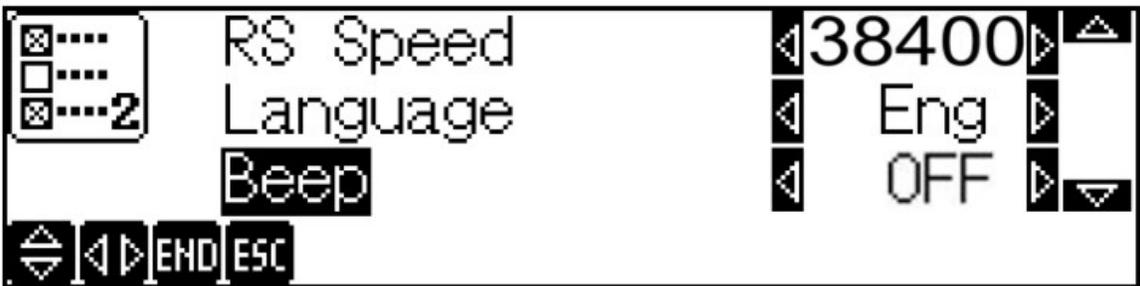
Press the  key once. The display should appear as such:



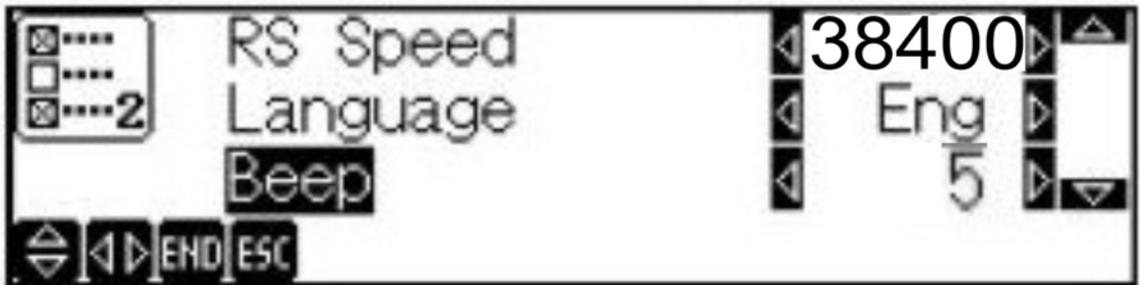
Press the  key. The display should appear as such (Next Page):



Press the  key two times so the word “Beep” is highlighted. The screen should appear as such:



There are three options for the “Beep” setting; OFF, ON, or 5. This will determine if the panel “beeps” when there is a thread break, or how many times it will beep. Press the   arrows to scroll through the choices. Most operators prefer the setting of “5”, so the machine will alert them when a thread break occurs, but stop beeping after five beeps. When the “5” is selected, the screen should appear as such:

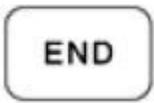


Press the  key two times, so “Del. small stch” appears (allow for the display to react to each key pressed). The display should appear as such (Next Page):



Press the  key until "0.2" replaces the word "OFF". Each time one of the   keys is pressed, the value will increase or decrease by 0.1 mm. The display should appear as such:



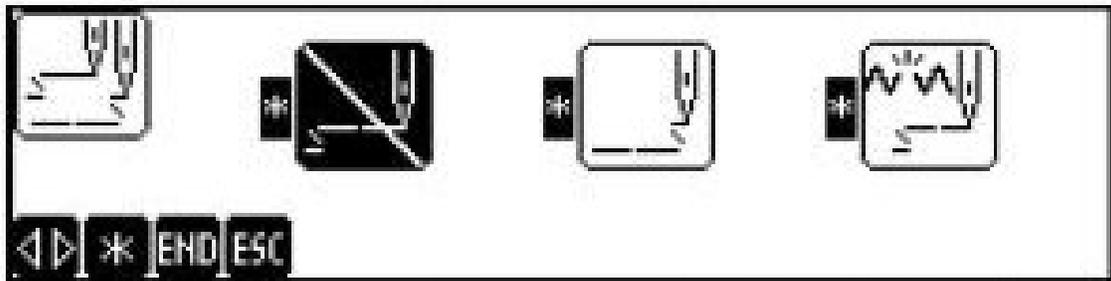
Press the  key. The display should appear as such:



Press the  key so the  icon is highlighted. The display should appear similar to (Next Page):



Press the  key. The display should appear as such:

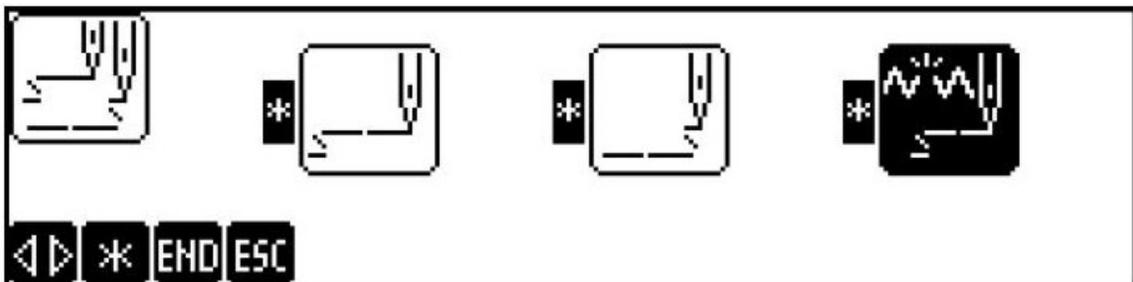


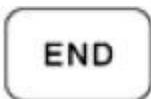
Each icon will have a slash through it as shown in the first icon.

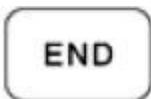
Press the  key. The slash will be removed from the first icon.

Press the  key & then the  key to remove the slash from the second icon.

Press the  key & then the  key to remove the slash from the third icon. The display should appear as such:





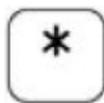
Press the  key. The display should appear as such:

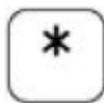


Press the  key so the  key is highlighted. The display should appear as such:



Press the  key. The display should appear as such:

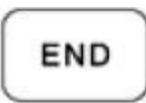


Press the  key. The display should appear as such (Next Page):



Press the  key until the 0.0 value changes to 0.9 (1.1 for caps-explained on page 13), and press the  key until the 1200 value changes to 700 (600 for caps). You are able to press any of the     keys to increase or decrease both values. The display should appear as such:

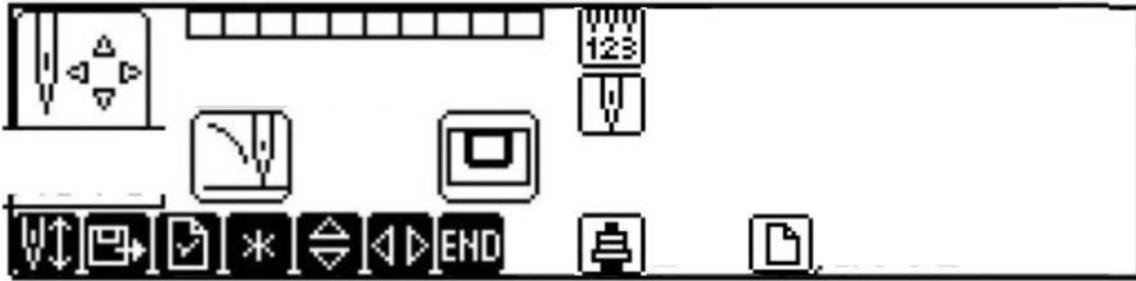


Press the  key. The display should appear as such:



Press the  key.

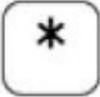
The screen should appear as such:



The Short Pit speed limit feature will have to be programmed again when the CAP mode is selected. Power off the machine, and change the black frame mode switch from FLAT to CAP. Power “ON” the

machine and press the  twice, (allow time for the screen to accept each key selection). Press the  key until the short pit

speed limit feature  is selected. Press the  key. Press

the  key to remove the slashes, activating the feature. The recommended settings are 1.1 mm and 600 SPM. Use the

 keys to set those values.

Press the  key to accept the new settings.

Press the  key to return to the main screen.

If the machine is to continue in the tubular/flat mode, power off and turn the frame mode switch back to the “Flat” position.

Please note that some icons may appear differently on your machine panel, due to possible updates or changes in current machine firmware, (version 5.12 as of January 2009).

**For help or questions about these settings, please contact Brother Technical Service at 877-427-6843, or email Brother Technical Support at: [tsupport@brother.com](mailto:tsupport@brother.com)**

