

Service Advice No : 2010/05-26
Date: 2010-06-18
Model: PFAFF Creative 5.x , Creative 4.0

Pfaff creative vision 5.x, 18713-5548

- Support for new 200x200 hoop
- Support for new cutwork needles
- 4 new stitches
 - 6.2.14 - 17 Stitches for Join and Fold foot launched at Get Creative earlier this year.
- New Stitch lengths balance functions in service mode - for more info see the next pages

The new software version will be available on the Pfaff consumer site and on Smart Update beginning of August.

Pfaff creative 4.0, version 3518-5548

- Support for 200x200 hoop
- Support for cutwork needles
- New Stitch lengths balance functions in service mode - for more info see the next pages

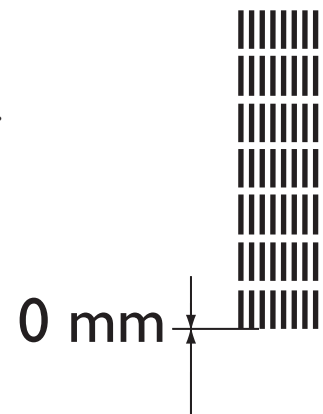
The new software version will be available on the Pfaff consumer site and on Smart Update beginning of August.

24. Stitch length balance

Check

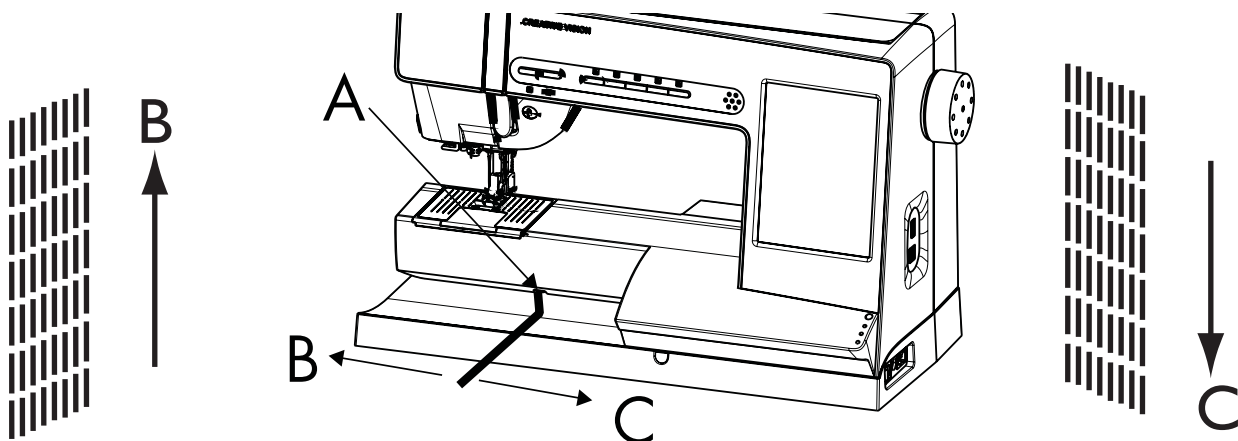
NOTE! Update the Creative Vision to a built version 18621-5548 or higher, before setting the Balance of the machine as described in the following pages.

1. Enter the service program and Balance menu
2. Choose the "Mending" stitch.
3. The machine should NOT be thread.
4. Use presser foot #OA Foot.
5. Use one layer of stabilizer (medium size)
6. Sew the machine - starting point must be minimum 25 mm from the edges of the Stabilizer (top, left and right side) and the mending stitch should come out as a square. See illustration.



Fine adjustment of stitch lengths balance

1. Choose the "Mending" stitch In service program Balance menu.
 2. The machine should NOT be thread.
 3. Use one layer of stabilizer (medium size)
 4. Use presser foot #OA Foot.
 5. Sew the machine - starting point must be minimum 25 mm from the edges of the Stabilizer (top, left and right side)
 6. Turn screw (A) with a shortened 4 mm Allen key until the machine sews the mending stitch that is squared.
- illustration 1.
- To adjust the mending stitch in the E- direction, turn the screw (A) CLOCKWISE (B).
 - To adjust the mending stitch in the F- direction, turn the screw (A) COUNTER CLOCKWISE (C).
7. When the mending is set correctly in the balance menu continue with Balance patterns
 8. Thread up the machine with regular #30 polyester thread.
 - 9 Use one layer of chinos and one layer of medium tear away stabilizer.



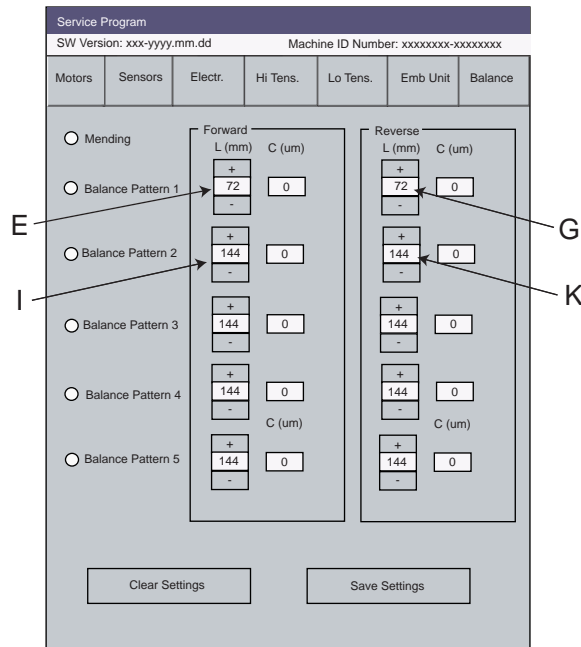
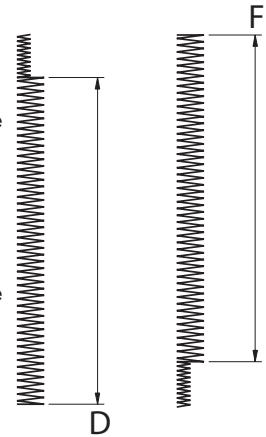
24. Stitch length balance- Cont.

10. Balance Pattern 1 (72)

A. Sew Balance pattern 1 forward, when finished measure the lengths (D), (the 7 mm width portion of the z-z stitch).
Adjust the value to represent actual lengths from the measurement in the square (E), use the + or – button to step up or down, each step is 1 mm.

B. Sew balance pattern 1 reverse.

Activate the reverse sewing by using the reverse button in the functions menu and sew Balance pattern 1 reverse. When finished measure its lengths (F) .
Adjust the value to represent actual lengths from the measurement in the square (E), use the + or – button to step up or down, each step is 1 mm.
NOTE! The machine sews a couple of small z-z stitches on the left side first, when finished measure its lengths. Measurement is done only on the 7 mm z-z.

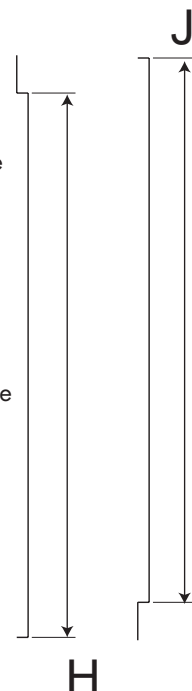


11. Balance Pattern 2 (144 mm)

A. Sew a balance pattern 2 forward, when finished measure its lengths (H).
Adjust the value to represent the actual lengths from the measurement in the square (I), use the + or – button to step up or down, each step is 1 mm.
Note! The machine sews a couple of stitches on the left side first and the measurement is between when it's goes to the centre and ends when its goes back to the left side again.

B. Sew balance pattern 2 reverse.

Activate the reverse sewing by using the reverse button in the functions menu and sew Balance pattern 2 reverse. When finished measure its lengths (J).
Adjust the value to represent the actual lengths from the measurement in the square (K), use the + or – button to step up or down, each step is 1 mm.
Note! The machine sews a couple of stitches on the left side first and the measurement is between when it's goes to the centre and ends when its goes back to the left side again.

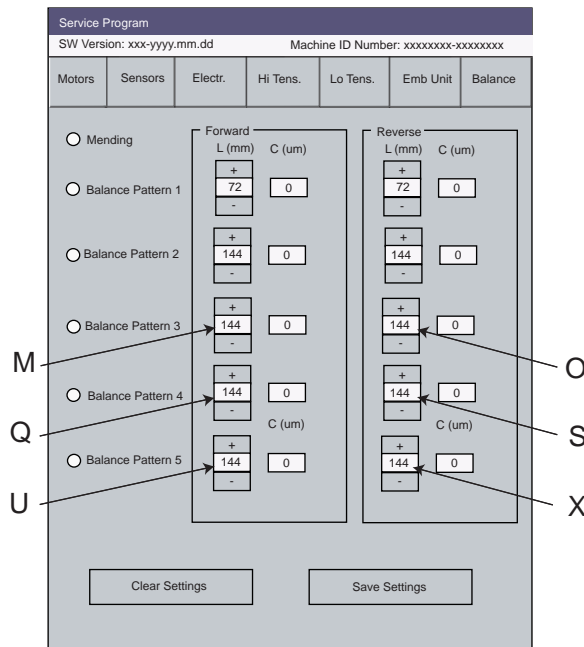
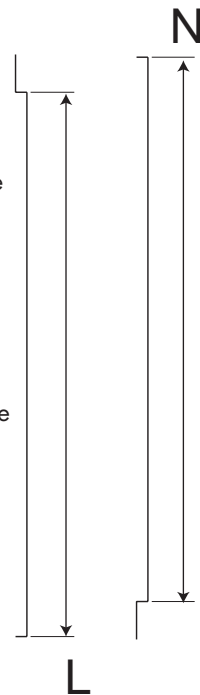


24. Stitch length balance- Cont.

12. Pattern Balance 3 (144 mm)

A. Sew a balance pattern 3 forward, when finished measure its lengths (L).
Adjust the value to represent the actual lengths from the measurement in the square (M), use the + or – button to step up or down, each step is 1 mm
Note! The machine sews a couple of stitches on the left side first and the Measurement is between when it's goes to the centre and ends when its goes back to the left side again

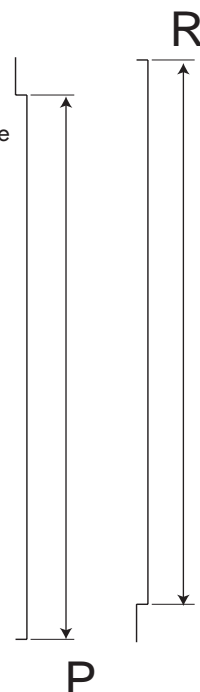
B. Sew balance pattern 3 reverse.
Activate the reverse sewing by using the reverse button in the functions menu and sew Balance pattern 3 reverse. When finished measure its lengths (N).
Adjust the value to represent the actual lengths from the measurement in the square (O), use the + or – button to step up or down, each step is 1 mm
Note! The machine sews a couple of stitches on the left side first and the Measurement is between when it's goes to the centre and ends when its goes back to the left side again



13 . Pattern Balance 4 (144 mm)

1. Sew a balance pattern 4 forward, when finished measure its lengths (P).
Adjust the value to represent the actual lengths from the measurement in the square (Q), use the + or – button to step up or down, each step is 1 mm
Note! The machine sews a couple of stitches on the left side first and the Measurement is between when it's goes to the centre and ends when its goes back to the left side again

2. Sew balance pattern 4 reverse.
Activate the reverse sewing by using the reverse button in the functions menu and sew Balance pattern 4 reverse. When finished measure its lengths (R).
Adjust the value to represent the actual lengths from the measurement in the square (S), use the + or – button to step up or down, each step is 1 mm
Note! The machine sews a couple of stitches on the left side first and the Measurement is between when it's goes to the centre and ends when its goes back to the left side again



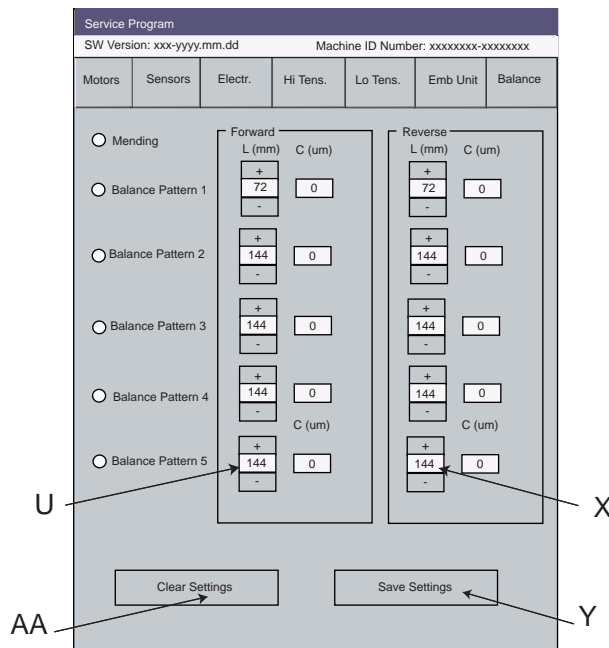
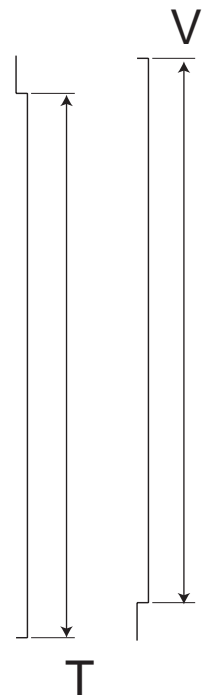
24. Stitch length balance- Cont.

14. Balance Pattern 5 (144 mm)

1. Sew a balance pattern 5 forward, when finished measure its lengths (T).
Adjust the value to represent the actual lengths from the measurement in the square (U), use the + or - button to step up or down, each step is 1 mm
Note! The machine sews a couple of stitches on the left side first and the Measurement is between when it's goes to the centre and ends when its goes back to the left side again

2. Sew balance pattern 5 reverse.

Activate the reverse sewing by using the reverse button in the functions menu and sew Balance pattern 5 reverse. When finished measure its lengths (V).
Adjust the value to represent the actual lengths from the measurement in the square (X), use the + or - button to step up or down, each step is 1 mm
Note! The machine sews a couple of stitches on the left side first and the Measurement is between when it's goes to the centre and ends when its goes back to the left side again



15 . Activate the balance setting

Push button "save settings" (Y) and accept the change , the computer in the machine has now recalculated the lengths.
Caution: if you push the button "clear settings" (AA) all values are wiped out!

A recommendation if the values in the "c-(um)" column differs (not on "0") , do not change these before you have the mending stitch set.

If the values all are on "0", the machine has not been set in the balance menu yet!
(e.g. after you change PC board).

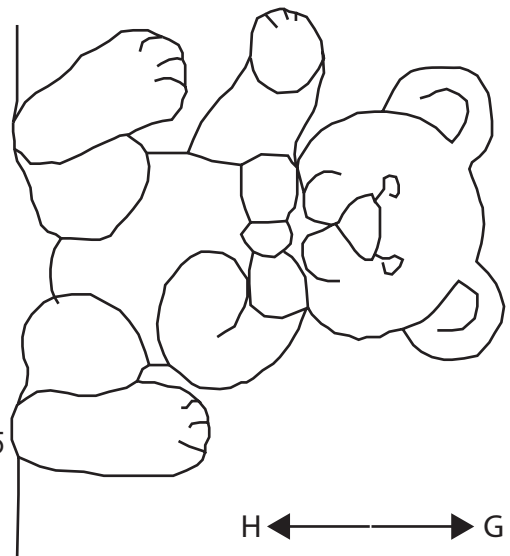
NOTE! The mending stitch in the balance menu is NOT compensated through the settings done with the balance patterns 1-5.

The mending stitch in the "HI tension" menu this is compensated with the values in the "balance menu".

25. Sidemotion balance

Check

1. The "24. stitch lengths balance " must be set.
- NOTE! Update the Creative Vision to a built version 18621-5548 or higher, before setting the Balance of the machine.**
2. Thread up the machine with regular polyester thread.
3. Use one layer of chinos and one layer of medium tear away stabilizer.
4. Use presser foot "#8".
5. Sew the machine - starting point must be minimum 25 mm from the edges of the Stabilizer (top, left and right side)
6. The "SM Bear" shall look according to illustration when the adjustment is done.



Sidemotion balance

1. The adjustment of sidemotion balance is located in service program at Hi Tension menu on the lower right hand side.
- "+" adjust sidemotion to the right (G).
"-" adjust sidemotion to the left (H).

Note!

The "SM Bear" shall look according to illustration when the adjustment is done.

