

*Pattern Design Guides by Don McCunn***How to Make Jeans**

These patterns can be used to make jeans from a fitted sloper. The instructions include how to create the patterns and basic sewing instructions.

(rev: 10/23/2008)

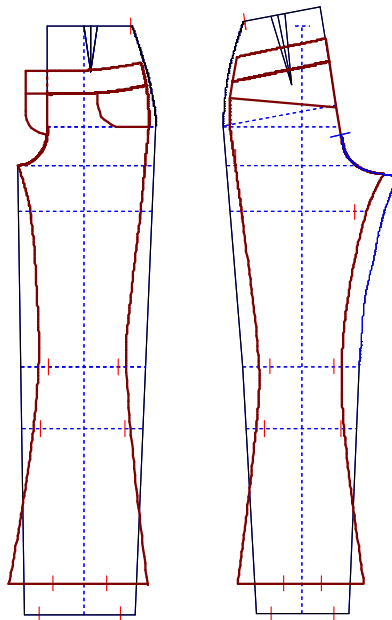
Copyright © 2006, 2008 by Donald H. McCunn

- You may copy this Pattern Design Guide for your own individual use.
- You may not distribute or sell copies of the instructions to others including friends, club members, students, or clients.
- You may sell garments made using these instructions without any restrictions.

Design Enterprises of San Francisco
1007 Castro Street, San Francisco, CA 94114
(415) 282-8813 || Website: Patternmaking-Classes.com
Yahoo Groups: <http://groups.yahoo.com/group/How-to-Make-Sewing-Patterns>
<http://groups.yahoo.com/group/Patternmaking-Classes>

How to Make Jeans by Don McCunn

The jeans cut has a lot of different variations from a loose cut to very tight pants. The waistband can be at the natural waist or lower down. The distinctive styling of the jeans cut is the front placket opening, curved front pocket, waistband, and the back yoke that replaces the dart. For men, a straight waistband can be used. For women any waistband that is lower than the natural waist should be contoured to fit the shape of the body. See pages 7 and 8 for placket and pocket layouts you can use to create your patterns.



Design Lines (brown) added to the basic pants sloper patterns.

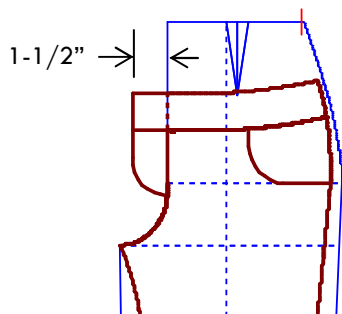
The Design Lines

The first time you create a new jeans design variation for a specific fabric it is a good idea to cut out a test version of the full leg to verify the fit and that the location of the details including the waistband, back yoke, and pockets will appear as desired.

1. Make a copy of the basic pants sloper.
2. Add horizontal reference lines for the thigh, knee, calf, and ankle.
3. Mark the dimensions of the body on the horizontal reference lines.
4. Draw in the desired design lines. (See the details below.)
5. Create a test version of the pants in the fabric to be used following the outline of the leg.
6. Machine baste the pants for a trial fitting.

Zipper Placket

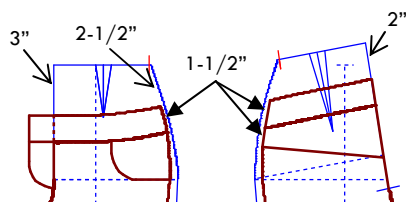
The placket for the zipper extends 1-1/2" out from Center Front.



Waistband & Back Yoke

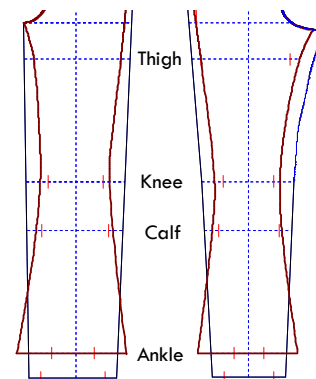
The waistline is 3" below the natural waist at center front, 2-1/2" at the side seam, and 2" at center back.

The waistband is 1-1/2" wide.
The back yoke is 1" at the side seam and 3" at center back.



Side Seam & Inseam

The side seam and inseam are drawn close to or at the leg measurement for close fitting jeans.

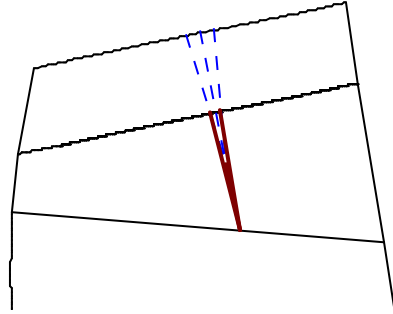


The Jeans Patterns

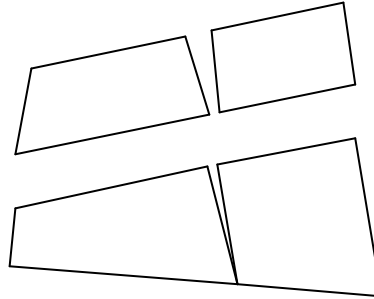
Dart Conversion

Convert the shaping of the darts from the sloper to the seam lines of the jeans.

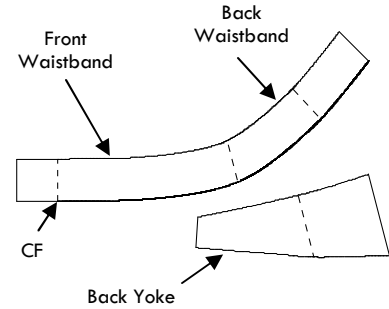
1. Extend the hip dart down to the bottom seam of the yoke.



2. Cut out the front and back waistband and the back yoke.
3. Cut out the dart shape.

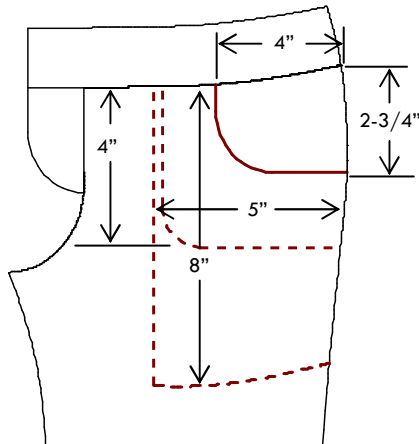


4. Tape out the dart from the back waistband and yoke.
5. Tape the front waistband to the back waistband at the side seam.



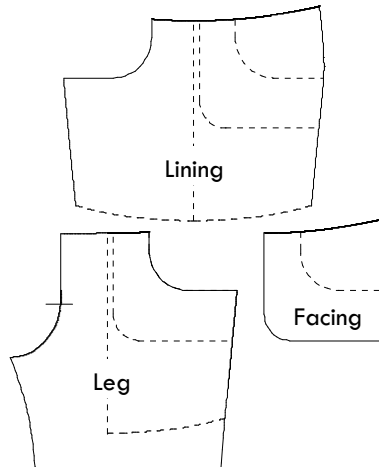
Pocket Design

The pocket design is a combination an outside visible line and the inside line of the functional part of the pocket.



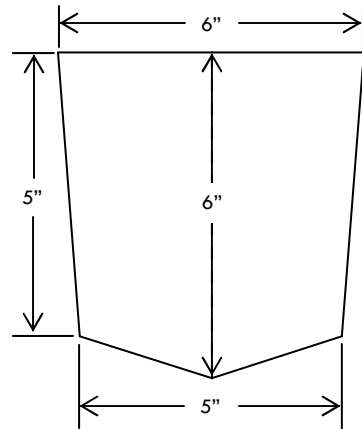
Pocket Patterns

The pocket is created from three patterns as shown below. the front leg, the facing, and the lining.



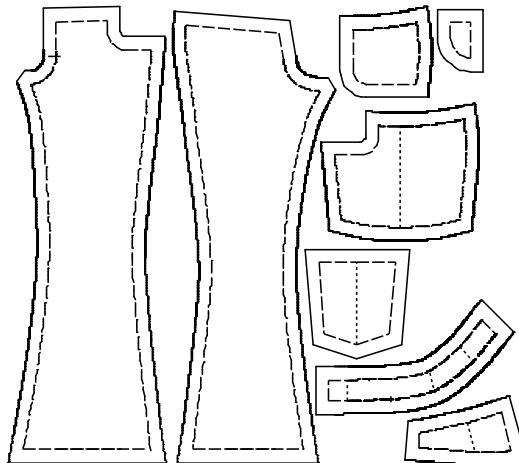
Back Patch Pocket

The dimensions for a back patch pocket are shown below.



Seam Allowances

Add seam allowances to all pattern pieces.



Sewing Instructions

Fabric Selection

Before you can cut out your pants, you will need to select the fabric. Lay out the patterns to determine how much fabric you will need as illustrated in Figure 1. Most fabric is 44" wide.

Interfacing

Depending on the fabric you select, the shape of the waistband can be enhanced by using an interfacing. The interfacing adds a certain amount of body. Some interfacing will stretch while others will not. The weight of the interfacing can also vary. I like to use a fusible interfacing.

Zipper Closure

A 7" to 9" zipper and a hook and eye are used for the closure. When you are using a light weight pants fabric for the Boot-Legged pants an invisible zipper is a good option to consider. To install the zipper, you may choose to follow the instructions included here or the ones included with the zipper. For a jeans cut, the best choice is usually a sturdy metal zipper.

Materials

Qty	Item	
1	Pants Fabric	___ yds
1	Interfacing	1/4 yd
1	Hook and Eye	
1	7"-9" Zipper	

Step I. Prepare the Fabric

There are a variety of factors that may be involved in cutting the fabric. The steps below are the most common.

1. If the fabric is to be washed, preshrink it.
2. Press the fabric to remove wrinkles and ensure the lengthwise grain is at right angles to the crosswise grain.
3. Straighten one end of the fabric. To do this, pull a single crosswise thread, then cut along the line that is left.
4. Fold the fabric right sides together.
5. Place the pattern pieces on the fabric.
6. Pin the pattern pieces to the fabric.
7. Cut the fabric keeping the fabric as flat as possible.
8. Cut notches as required to align the fabric during sewing.
9. If you are interfacing the waistband, fuse it to the fabric for the outside waistband at this time.
10. To keep the fabric from fraying when it is washed, the edges should be zigzagged.

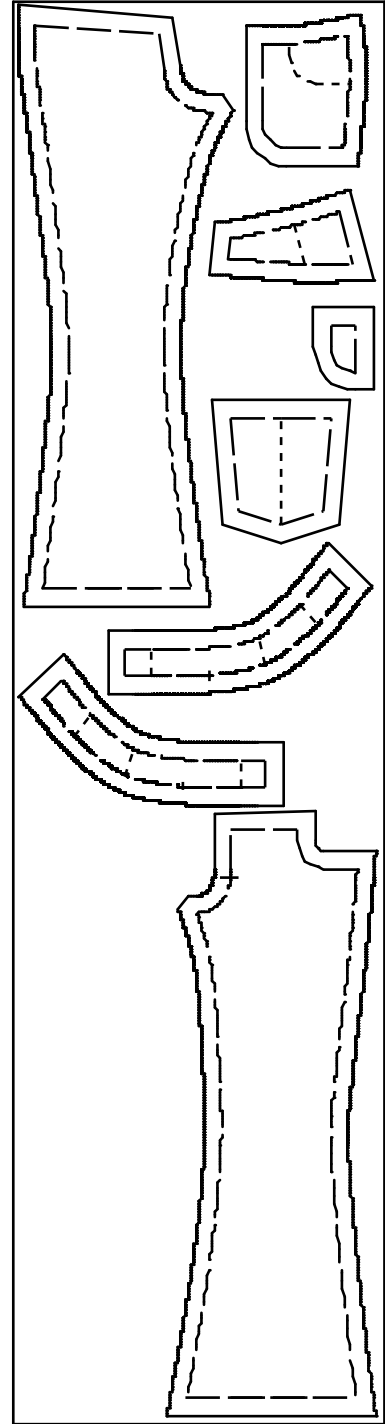
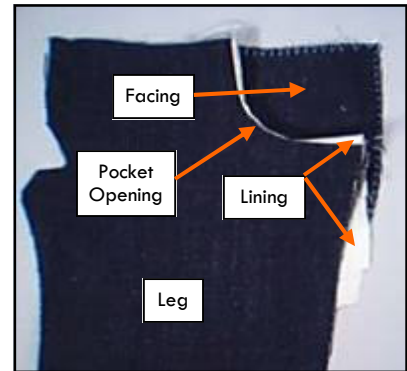
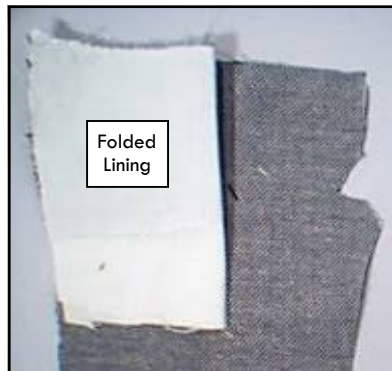
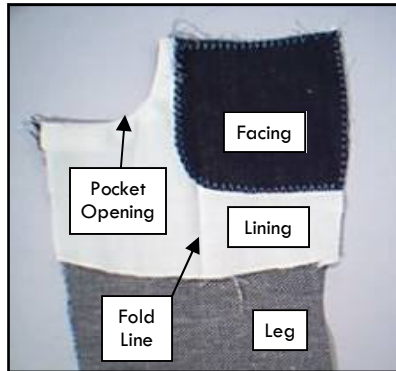


Figure 1 - Fabric Layout
Fabric is folded in half lengthwise

Sewing Instructions, cont'd

Step I. Sew the Front Pocket and Back Yoke

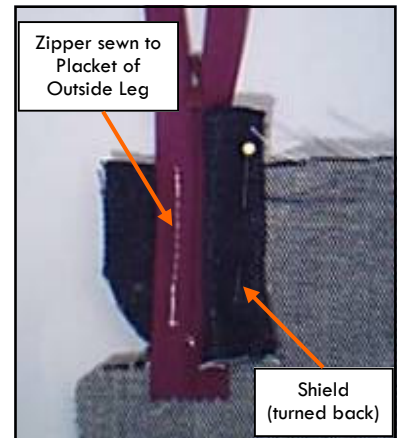
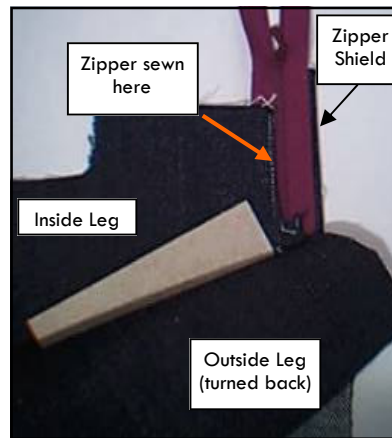


1. Sew the pocket facings to the pocket linings. Both the facing and the lining should be right side up. Be sure you do a left and right pocket.
2. Pin the lining to the leg at the pocket opening, right sides together.
3. Sew the lining to front leg around the curved edge of the pocket opening.
4. Clip and turn the lining and top stitch around the curved pocket opening (Figure 1).
5. Fold the pocket lining in half vertically, pin the outside edge, then sew.
6. Zigzag the outside edge of the pocket.
7. Stay stitch the pocket to the leg inside the seam allowances at the waist and down the side seam.
8. Pin the back yoke to the back pants pattern, right sides together, then sew.
9. Press open the yoke seam.

Step II. Sew the Zipper

Traditionally the left leg of men's pants laps outside over the right leg for a zipper closure. Women's pants can lap either left over right or right over left. The zipper shield is attached to the leg that is to be the inside of the zipper closure.

1. On the leg that is to be the inside of the zipper closure, stay stitch down the straight center front line 1/4" in from the edge (assuming a 1/2" seam allowance).
2. Press the seam allowance under along the stay stitching.
3. Baste the two front legs together around the crotch curve.
4. From the jeans fabric cut a zipper shield that is 4" wide and 1" longer than the zipper.
5. Fold the zipper shield in half lengthwise, wrong sides together, then zigzag the long edges together.
6. Baste the inside leg to the zipper and zipper shield. The teeth of the zipper should be visible just along the center front edge of the pants leg.
7. Using a zipper foot sew the zipper to the zipper shield.
8. Pin a placket to the outside leg along the center front line, right sides together, then sew.
9. Press the seam open.
10. Baste the legs leg together along the center front line. Do not catch the zipper with the basting.
11. Pull the inside leg over the outside leg exposing the placket and the zipper.
12. Sew the zipper to the placket.
13. Open the outside leg and pin it to the placket.
14. Sew the placket to the outside leg.



Sewing Instructions, cont'd

Step III. Finish the Pants

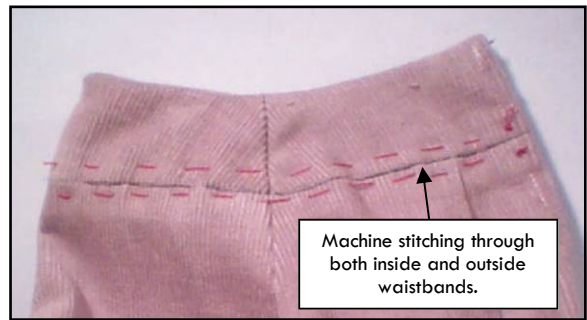
1. Pin the front legs to the back legs along the side seam and the inseam, right sides together, then sew.
2. Turn one leg right side out and pull it inside the other leg.
3. Pin the crotch curve up to the zipper with the legs right side together.
4. Sew, then clip and press open. For heavy duty use, I recommend using a stretch stitch for the crotch curve if your sewing machine has one.
5. Sew the two waistband halves together.
6. Pin the outside waistband to the pants legs along the waist seam, right sides together, then sew.
7. Clip and press open the seam.
8. Pin the inside waistband to the outside waistband along the outside edges, right side together, then sew.
9. Clip and press the seam open.
10. Turn the waist band and baste along either side of the seam that joins the waistband to the pants.
11. From the outside of the pants sew through the waist seam and the inside waistband.
12. Add a hook and eye.
13. Hem the bottom of the pants.

Attaching the Waistband

The procedure for attaching the waistband described above is one of many that can be used. It is called "Stitch in the Ditch." The illustrations use contrasting thread colors for illustration purposes.

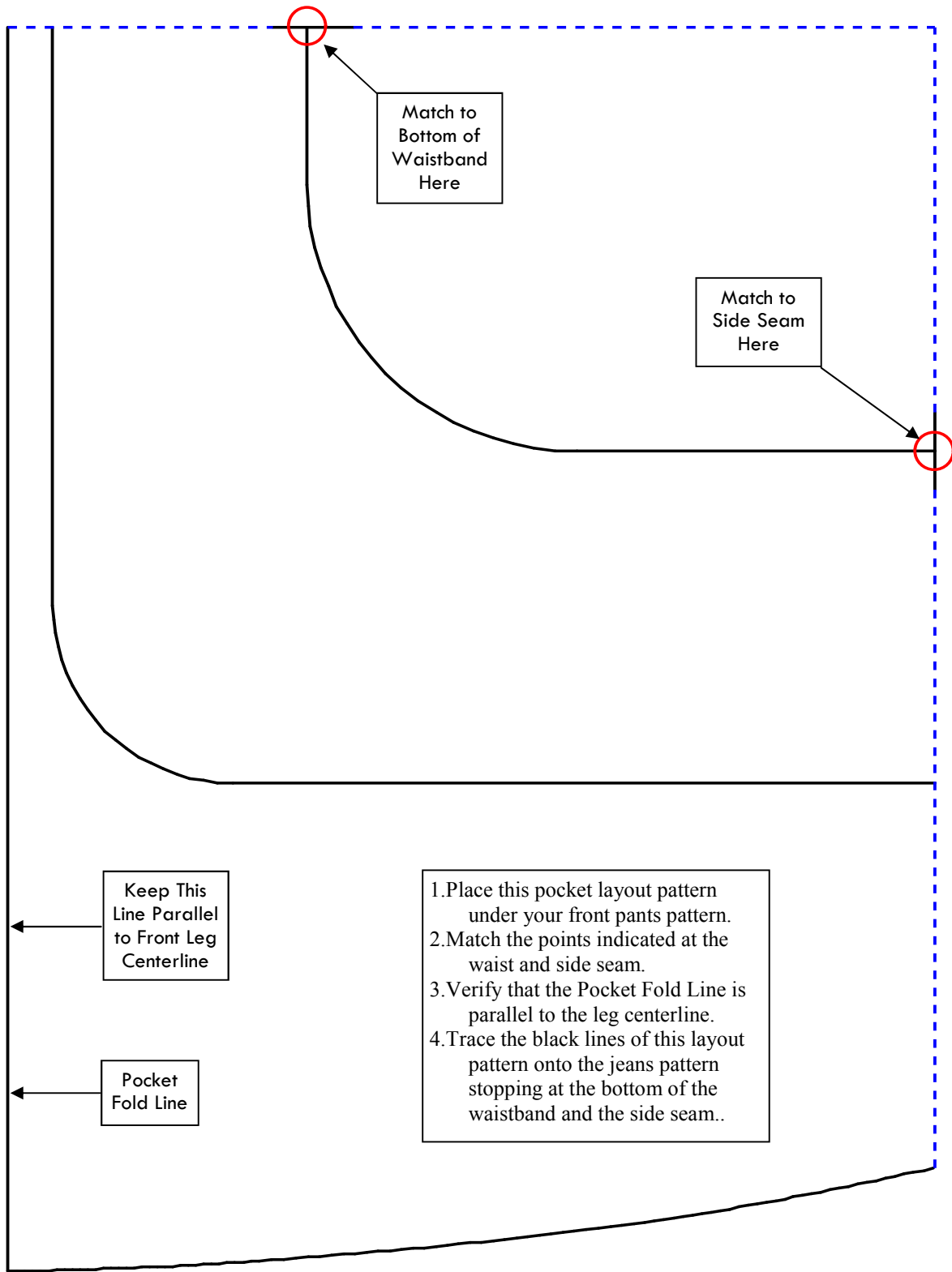


"Stitch in the Ditch" from the inside.
(Red thread used to baste the inside waistband to the pants.)

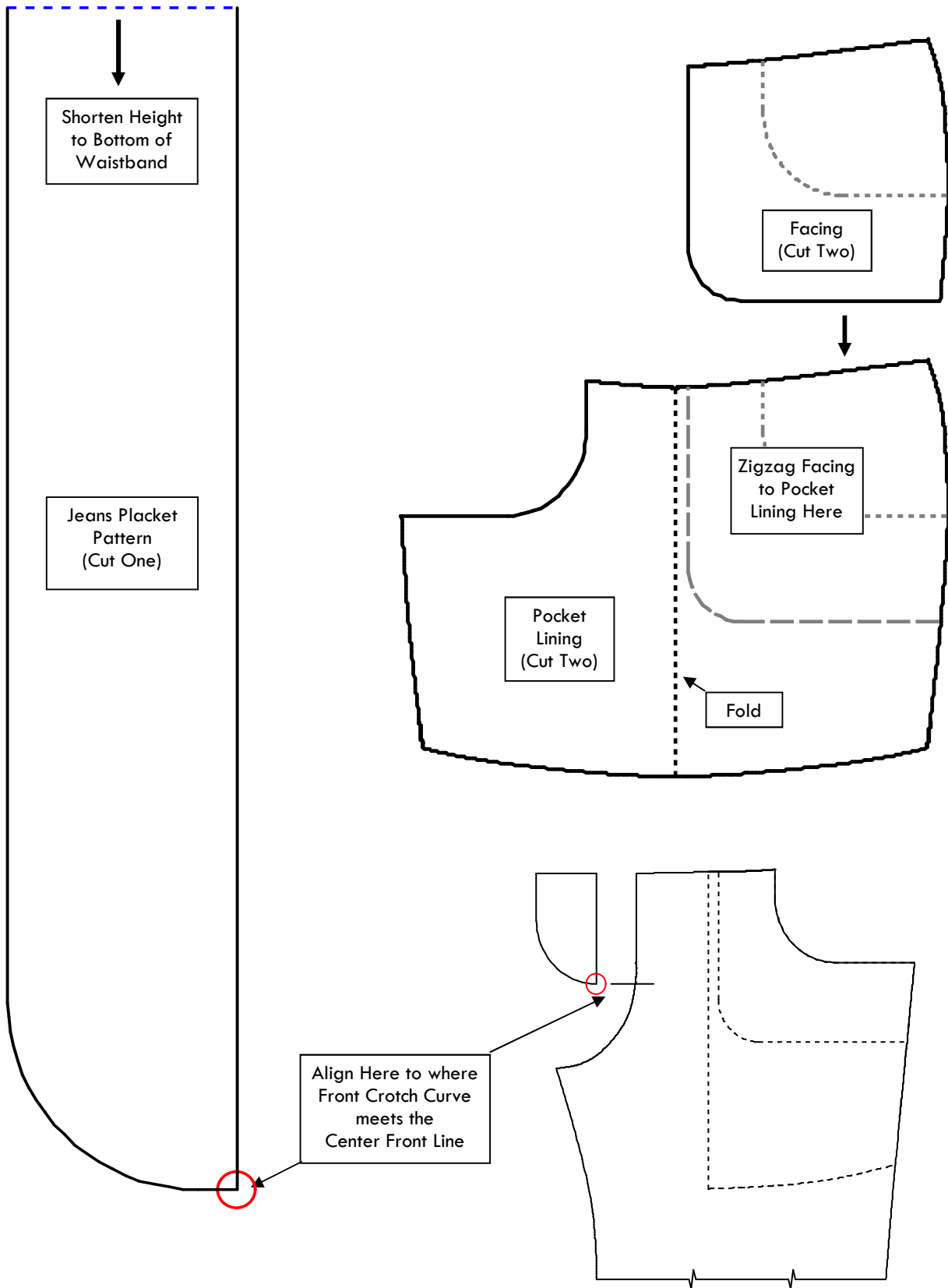


"Stitch in the Ditch" from the outside.
(Black thread illustrates how the stitching runs inside the seam that joins the waistband to the body of the pants.)

Jeans Placket & Pocket Layout Pattern



Jeans Placket & Pocket Layout Patterns



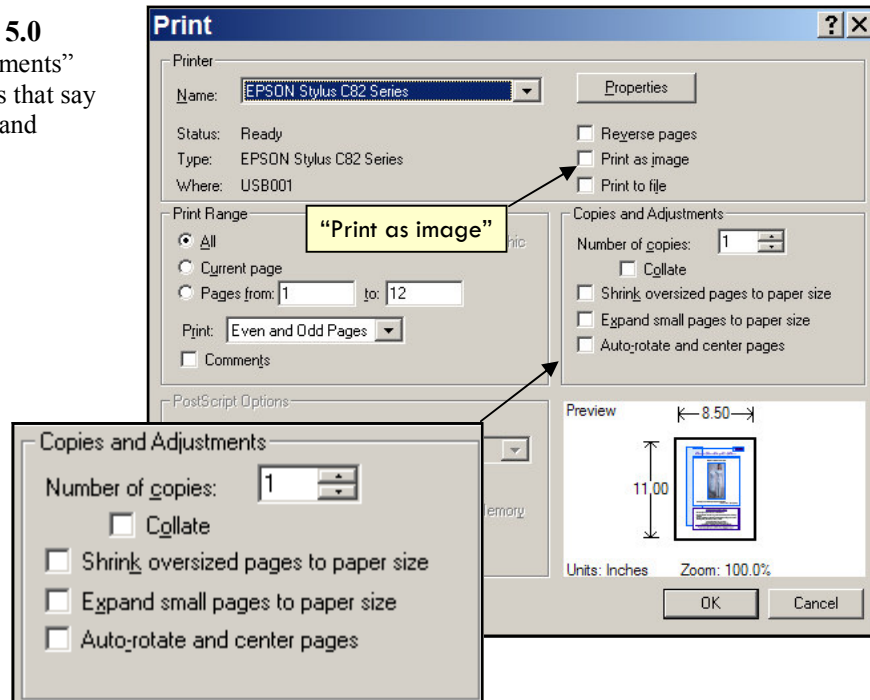
Printing PDF Files

The Adobe Acrobat print function can be set to shrink or expand pages. This will cause the patterns to be printed incorrectly. The phrasing of this function depends on the version of Acrobat that you are using. Two versions are shown below.

To verify the patterns are the correct size, measure the blue 8" x 10" (20.3cm x 25.4cm) boxes that appear around the edges of the pattern pages.

Another problem you may encounter is that the text in the sewing instructions prints additional characters. These characters do not appear when the pages are displayed. When this happens, select the "Print as image" function.

Acrobat Reader 5.0
In the "Copies and Adjustments" section, uncheck the boxes that say "Shrink oversized pages" and "Expand small pages."



Acrobat Reader 6.0 & 7.0
In the "Page Handling" section, set "Page Scaling" to "None."

To access the "Print as image" checkbox, click the "Advanced" button.

