



*Pattern
Alteration*

Protruding Hip Bone



Extension Family Development
and Resource Management Specialists

Before attempting this alteration, review Extension publication E-372, *Principles of Pattern Alteration*, for basic instructions.

A common alteration for very thin figures is a garment with diagonal wrinkles radiating from the hip bone (Fig. 1).

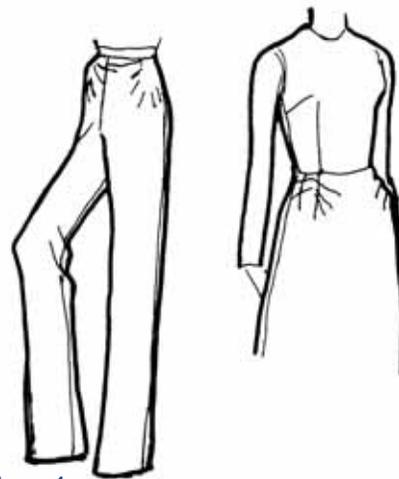


Figure 1.

The difference between front body measurements across the hip bone and the width of the front pattern piece determines how much you need to alter for protruding hip bones. The location of this alteration comes from measuring the distance from your waistline to the protruding hip bone and the distance from your center front to the hip bone. You alter the pattern at the same location on the *front pattern piece only*.

If there is no difference in width between the pattern front and the body front measurements, you might simply need to redistribute the waist fullness by adjusting the gathers. It could involve moving a dart, tuck or pleat over the hip bone location, or angling a dart toward the hip bone location to create a smooth fit.

To make the adjustment on a pattern front that has a dart:

1. Measure the length and width of the dart you're moving. Redraw the dart in the new location by the exact width of the original dart base, pointing toward the hip bone location. For a smooth fit, the dart should end about $\frac{1}{2}$ inch above the hip bone location.

2. Mark out the original dart, and redraw the waist seam and cutting lines (Fig. 2).

Pants or Skirt

For alterations that need extra width across the hip bone area, use the following directions:

1. Locate and mark the hip bone on the pattern by measuring (down from the waist seamline and out from the center front) the distances that equal the corresponding body measurements.
2. Draw a vertical line from the waist cutting line to the point you've marked. Continue the line, angling it to the side seamline at the hip (Fig. 3).
3. Slash the line *to, but not through*, the side seamline. Clip the seam allowance at that point.
4. With tissue paper under the pattern, spread the vertical slash one-half the total amount you need at the point corresponding to the hip bone (Fig. 4).
5. Tape the pattern in place.
6. To maintain the original waist measurement, increase a dart, tuck or pleat near the spread by the amount you have added to the waist line; or convert the fullness to gathers (Fig. 5).
7. If the pattern has darts, tucks or pleats, move the fullness over the hip bone location. To move a dart, follow the directions on page 1 and refer to Figure 6. Make the new dart the width of the increased dart to maintain the original waistline measurement.

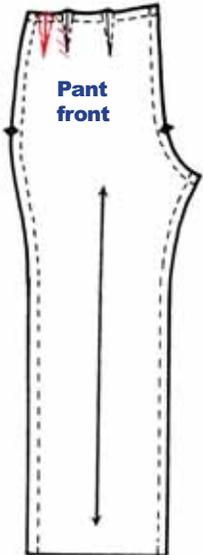


Figure 2.

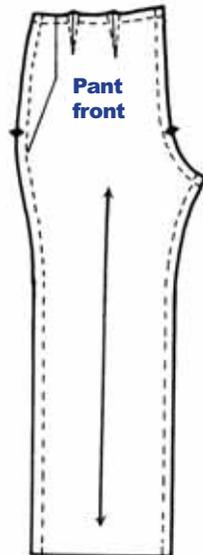


Figure 3.

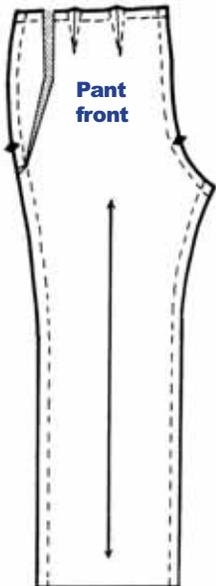


Figure 4.

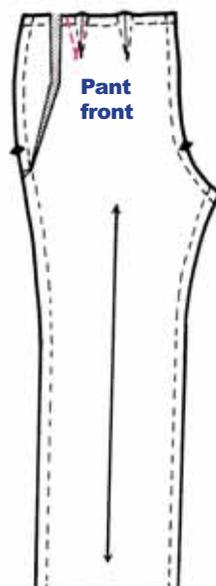


Figure 5.

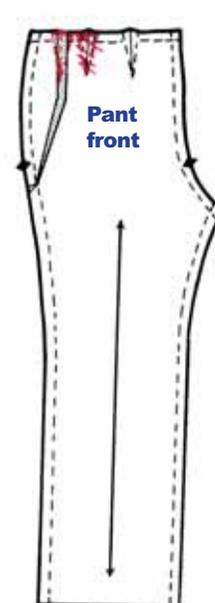


Figure 6a.

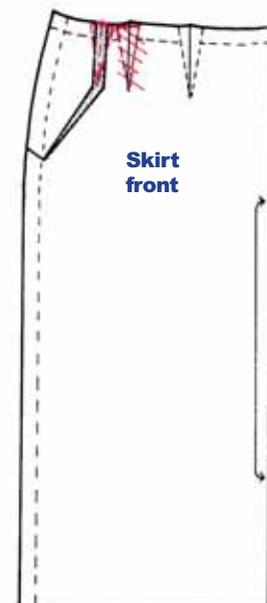


Figure 6b.

Marlene Odle-Kemp wrote the original manuscript for this publication.

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Revised