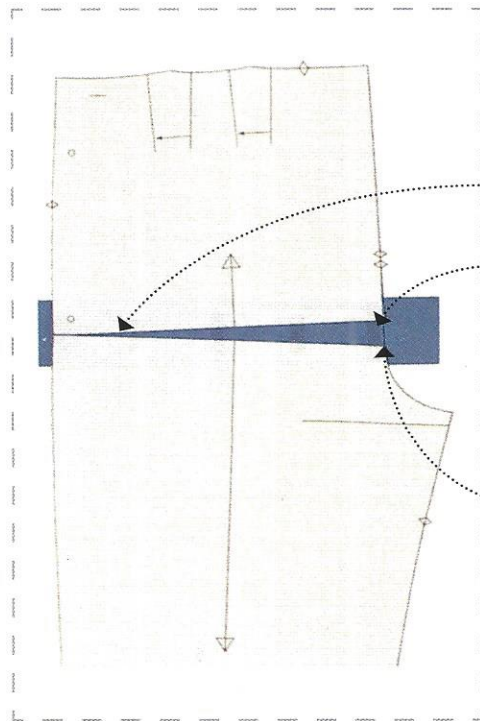


PANTS

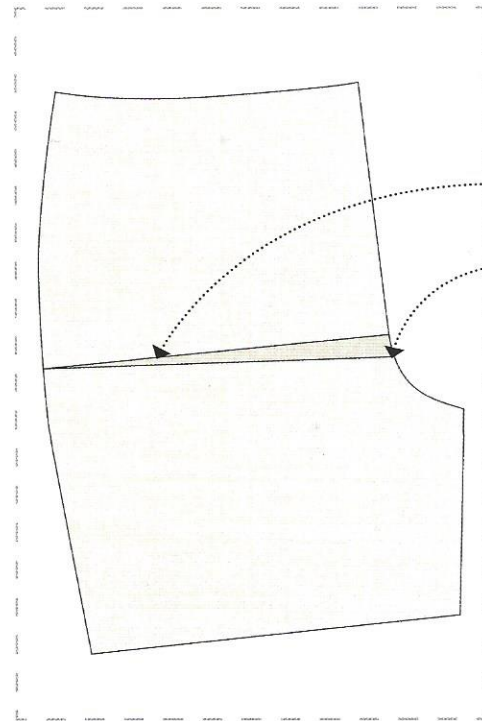
Alterations to pants, to accommodate a large belly, wide hips, or a prominent or flat rear end, can be more complicated than those on other pattern pieces, and need to be done in the correct order. Crotch depth alterations are done first, followed by width alterations, then crotch length alterations, and finally pant leg length. The crotch depth line is only marked on the back pattern pieces.

INCREASING DEPTH AT CROTCH SEAM



- 1 Adjust back and front pants pattern pieces by the same amount. Cut along the upper lengthening and shortening lines.
- 2 Spread the cut pattern pieces apart to accommodate the required increase at the center, tapering to nothing at the side seam.
- 3 Tape paper behind. Redraw the crotch edge.

DECREASING DEPTH AT THE CROTCH SEAM

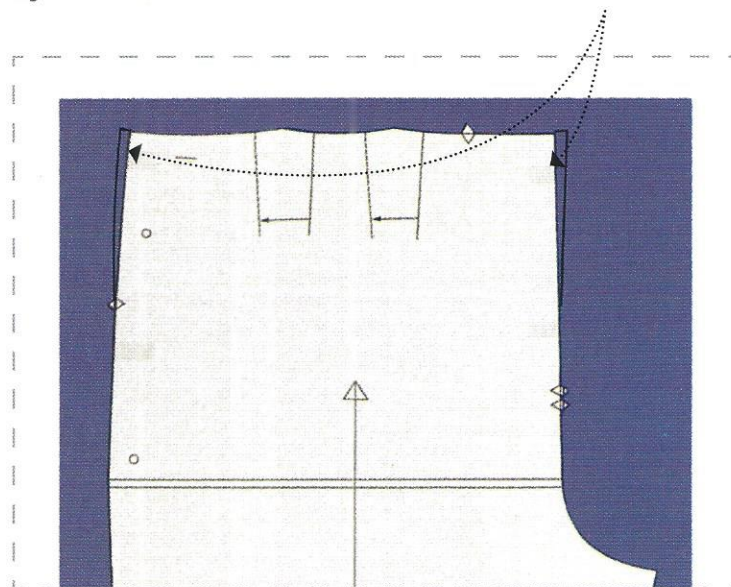


- 1 Adjust back and front pants pattern pieces by the same amount. Cut along the upper lengthening and shortening lines.
- 2 Overlap the cut pieces by the amount required to reduce the crotch depth at the center, tapering to nothing at the side seam. Tape in place.

INCREASING THE WAISTLINE

- 1 Tape paper behind the pattern pieces. Divide the total increase required by eight, since there are eight seam lines.

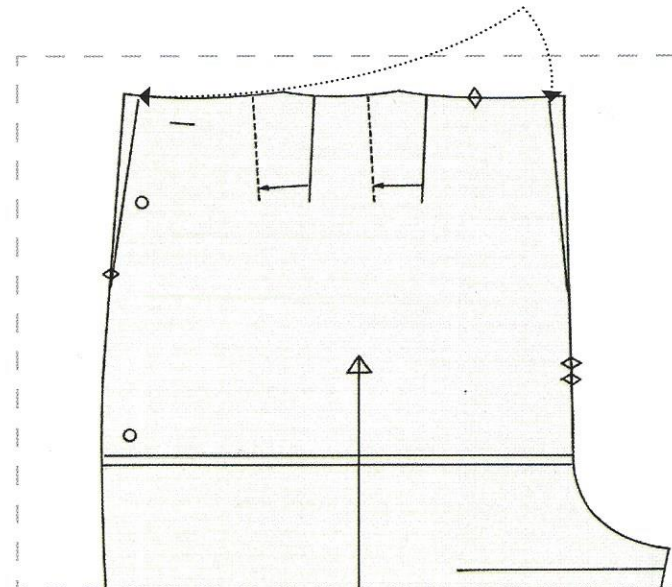
- 2 Add this amount on the paper at the waist edge at each seam line. Draw new seam lines from these points, tapering them into the old seam lines.



DECREASING THE WAISTLINE

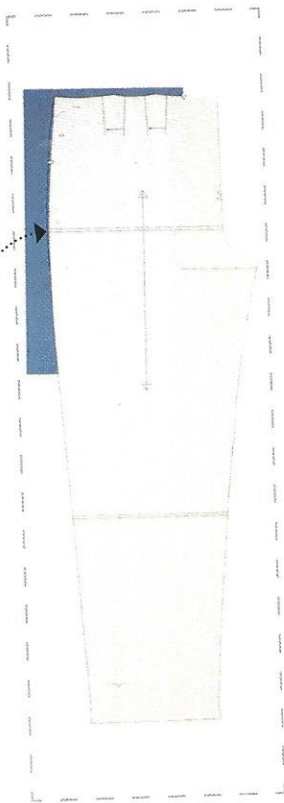
- 1 Divide the total decrease required by eight, since there are eight seam lines.

- 2 Mark this amount on the pattern at the waist edge at each seam line. Draw new seam lines from these points, tapering them into the old seam lines.



INCREASING AT THE HIPLINE

- 1 Tape paper behind the pattern pieces. Divide the total increase required by four, since there are four seam lines.
- 2 Add this amount on the paper at the hipline. Draw new seam lines from these points, tapering them into the old seam lines.
- 3 For straight pants, draw the new seam lines straight down from the hip to the hem.



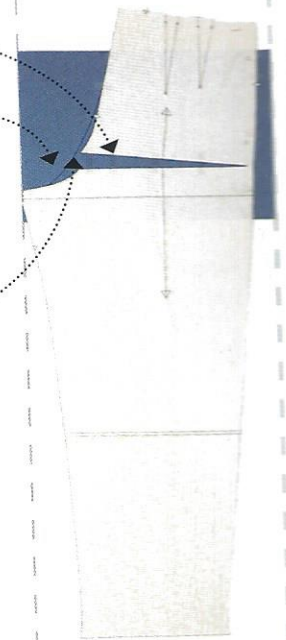
DECREASING AT THE HIPLINE

- 1 Divide the total decrease required by four, since there are four seam lines.
- 2 Mark this amount on the pattern at the hipline. Draw new seam lines from these points, tapering them into the old seam lines.



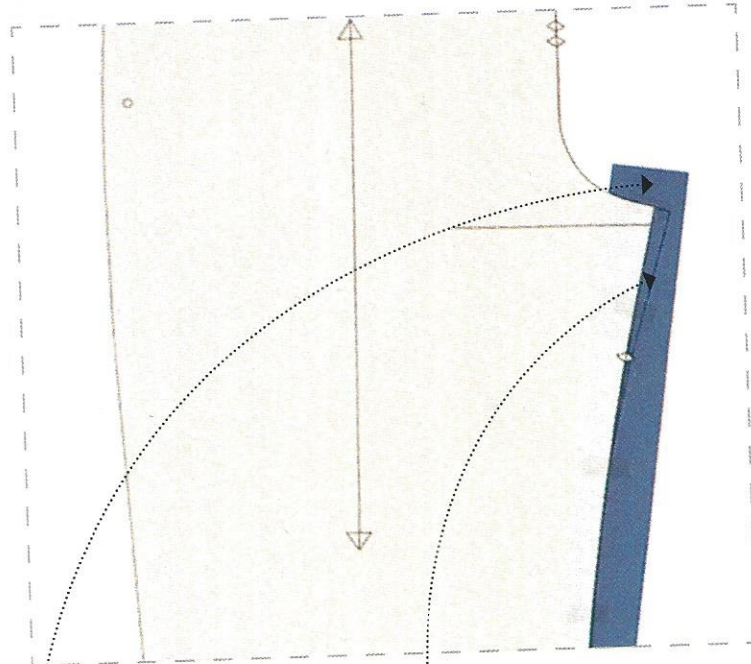
ADJUSTING FOR A LARGE REAR END

- 1 Cut horizontally through the hipline on the pants back pattern.
- 2 Spread the cut pattern pieces apart by the required amount and tape paper behind them.
- 3 Redraw the crotch edge. You may wish to combine this adjustment with a crotch depth adjustment on just the back.



INCREASING LENGTH AT CROTCH POINT

- 1 If the pants are too tight between the legs, this alteration may be required. The crotch length may need to be increased by a different amount on the front and the back. Tape paper under the crotch seam.
- 2 Add the required amount to the inside leg seam on the paper. Draw a new seam line from the new crotch point, tapering it into the old seam line.



DECREASING LENGTH AT CROTCH POINT

- 1 If the pants are too loose between the legs, this alteration may be required. Mark the inside leg seam with the position of the new crotch point.
- 2 Draw a new seam line from the new crotch point, tapering it into the old seam line.

