

STEM for Dance LED Pants Fabrication | Step-by-step Instructions

001) Pin the tulle to the back side of the batting piece; sew in place - I recommend using the longest stitch setting on your machine possible when sewing the batting.



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002) Pin the black fabric to the other side of the batting, shiny side facing out, and sew in place (one side of your batting should now have the black fabric on it, and one side should have the tulle). If you have a lot of extra batting on your edges you can trim it back slightly to your stitch line to make things easier to manage



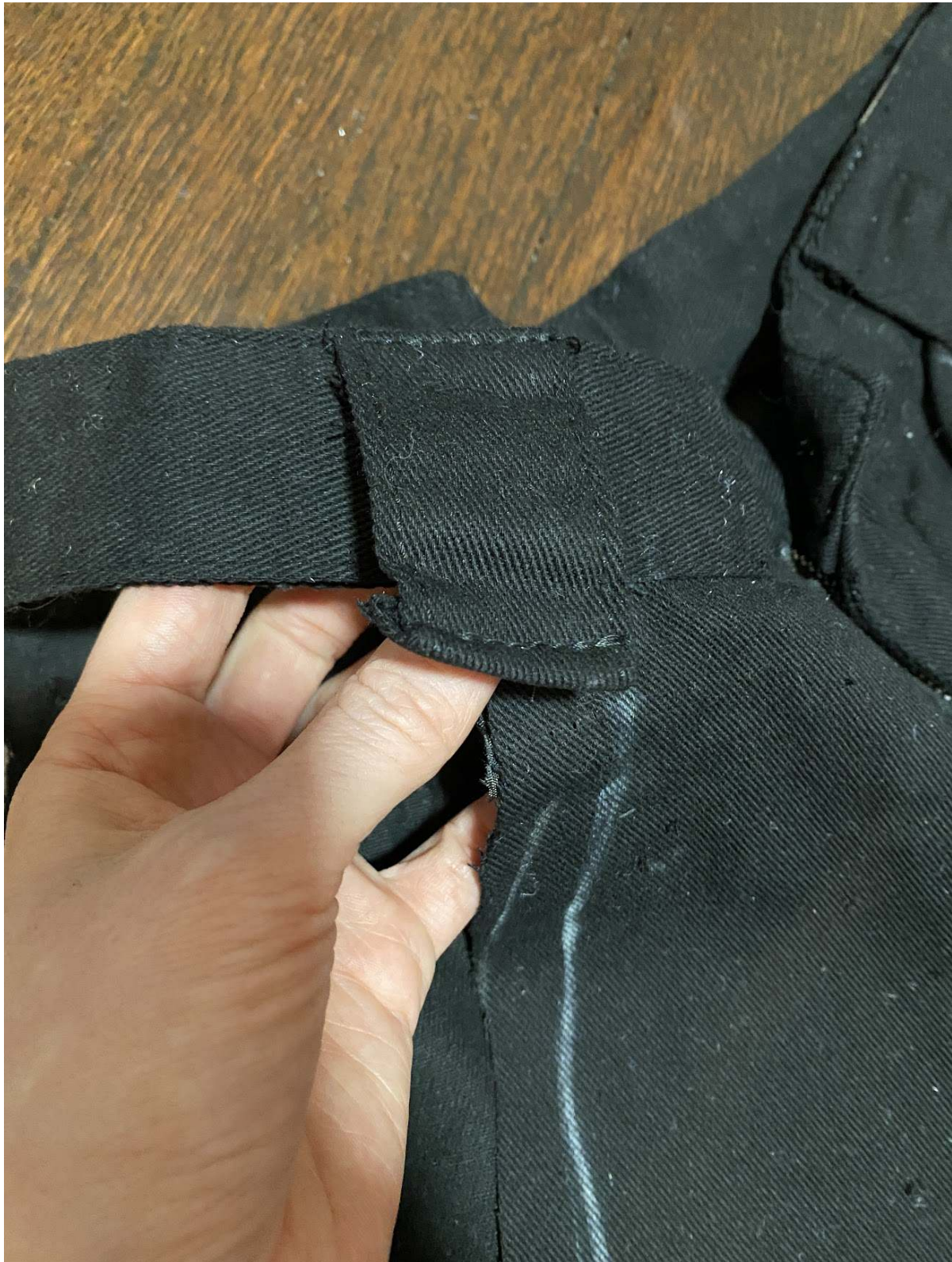
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003) Trace the side panel pattern piece onto your pants - the center front corner (labeled CF in the photo) should align with the lower corner of the belt loop closest to the center front. About $\frac{3}{4}$ of the panel should be on the front of the pants, and $\frac{1}{3}$ on the back; I recommend pinning it in place once you have it aligned and then tracing, so things don't move when you trace around to the back



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004) Cut out the side of the pants - you'll want to cut about $\frac{3}{4}$ of an inch *inwards* from the outline of the side panel (you're giving yourself seam allowance to sew your panel to). **Do not cut through the belt loop or waistband!** You're going to open them up in the next step!



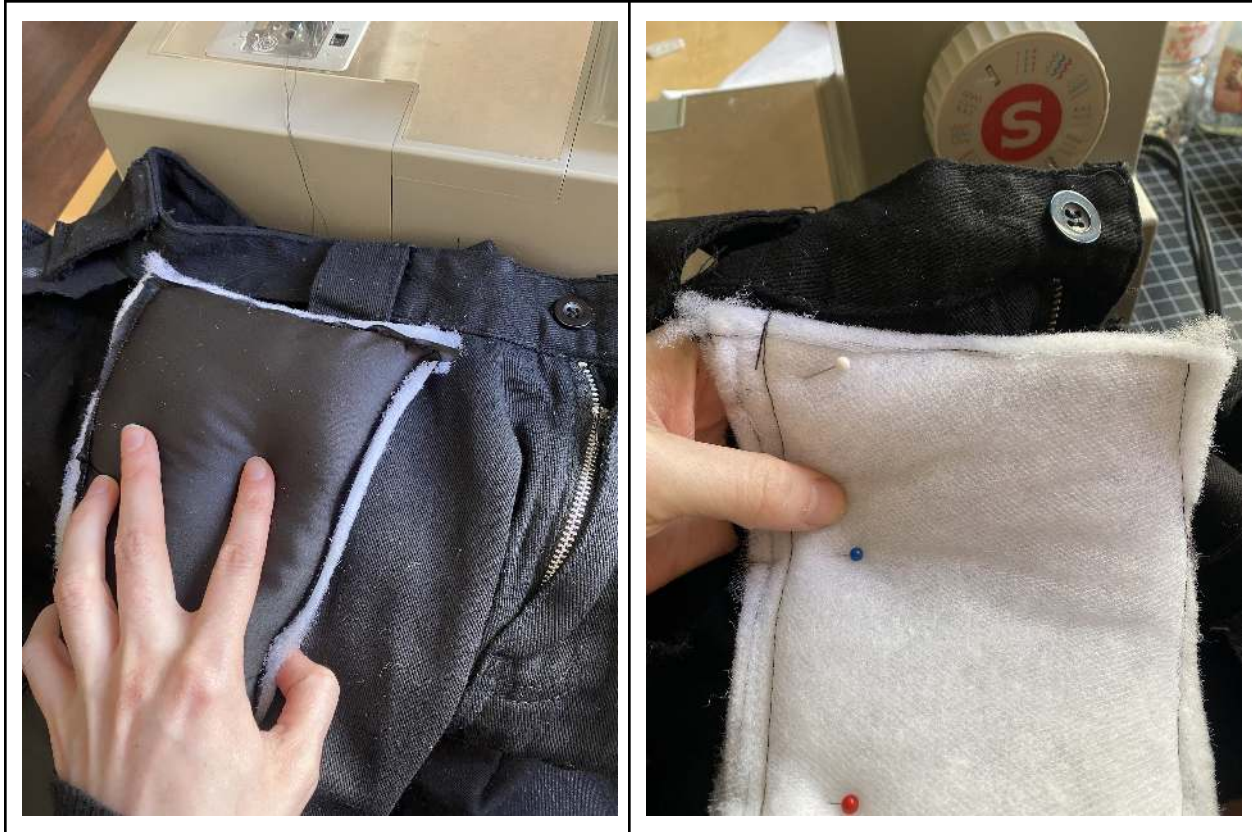
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005) Seam rip open the waistband and belt loop, just where they overlap with your side panel cutout.



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006) We're ready to sew in the side panel! Align center front with the front edge of your cut, and pin in place *right sides together*. Sew in place. Turn pants inside out and repeat for other side - right sides together, sew in place. The black fabric should be facing out, the tulle in, and the edges should be on the insides of the pants.



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optional use a zigzag stitch down the raw edge of your fabric/batting/tulle sandwich to finish the edge up



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007) Trim the bottom of the pants to the same length as your side panel if necessary; Cuff so that the raw edge is enclosed and sew in place; Close the waistband over the top of your side panel so all raw edges are hidden and sew in place. Sew back down the bottom of the belt loops you seam ripped up.



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Repeat for the other side! All finished!

