



# EDC2 SLQ Bag Workshop

by Jimmy Eng  
for The Edge, State Library of QLD

## Sewing using Vinyl material

### *Domestic Machine setup*

Stitch length	3.5 or 4
Stitch width	2.5 or larger (not used in this project)
Thread tension	Varies, adjust depending on vinyl thickness
	
Jeans Needle	 Gutermann Extra strong thread
Sharper point than regular needles and a thicker shank to withstand heavy weight fabric. Use with synthetic or blended threads such as Polyester and Cotton core Polyester	100% Polyester For most applications match the same material to your thread (synthetic fabric = synthetic thread)
Size 90 (14) for denim fabrics, tight woven fabrics and 100 (16) for heavy denim, vinyl and furnishings. You can sometimes get away with using a needle size smaller or larger, depending on your thread and material	Suits needle size 90-110
Alternative needles to use: Universal 100 (16) and Leather 90 (14) or higher	
Use a Walking foot, roller foot or Teflon foot if you find the vinyl not feeding through the sewing machine well. You can also try using paper between the dog feed or foot to gain traction or a strip of masking tape applied to the foot	

### *Sewing Tips*

Do not use pins to keep pattern pieces together as they perforate the plastic coating. Use clips, double sided tape, glue or sew a tack stitch in the seam allowance if you need a hand	No ironing. To bend vinyl warm it slightly by rubbing it and fold the area or use a mallet to flatten. When turning vinyl bags inside out you may come across some wrinkles, this can be eased by using a hair dryer to warm the vinyl and smooth it out
Avoid folded seams where possible. Sewing a seam is already hard enough with how thick the material. Use the hand wheel to stitch over thick areas	Vinyl doesn't fray so you can leave the edge unfinished. If you want a closed edge using bias tape is great for seams and openings as it is thinner and can be sewn as a seam

<p>If you find back tacking (reversing the stitch to anchor the beginning or end of a stitch line) difficult you can set the machine on reverse (if your machines reverse setting stays on) and use your hand wheel.</p> <p>You can also set the needle into the vinyl, turn the pieces around and use your hand wheel to sew a few stitches then turn the pieces back the right way</p>	<p>Keep your sewing area clear as vinyl doesn't gather easily as you sew so it will take up room on your sewing table when you initially start sewing and you will need elbow space to manoeuvre your project near completing your project</p>
<p>As sewing creates small holes in your vinyl material you can seal these perforations by applying a tape or sealant such as Gear Aid Fast cure seam grip glue</p>	<p>If you find your stitching won't reach the corner/ will over stitch the corner you want to finish by a small discrepancy than the stitch length you're on you can change the stitch length as you sew to get sharp corners. This is helpful for when you sew straps or zipper ends</p>

### *Workshop Timetable*

Week One	Get to know the machine / Choosing a design / Cutting
Week Two	Sewing the features / Shoulder strap
Week Three	Sewing the Main bag
Week Four	Zip / Wire frame insert / other Bag variations

### *Bag Pattern*

The bag pattern is a modified version of Adam Savage's EDC Two bag model made by Mafia Bags. We'll be using most of the bag pattern with a few alterations to it.

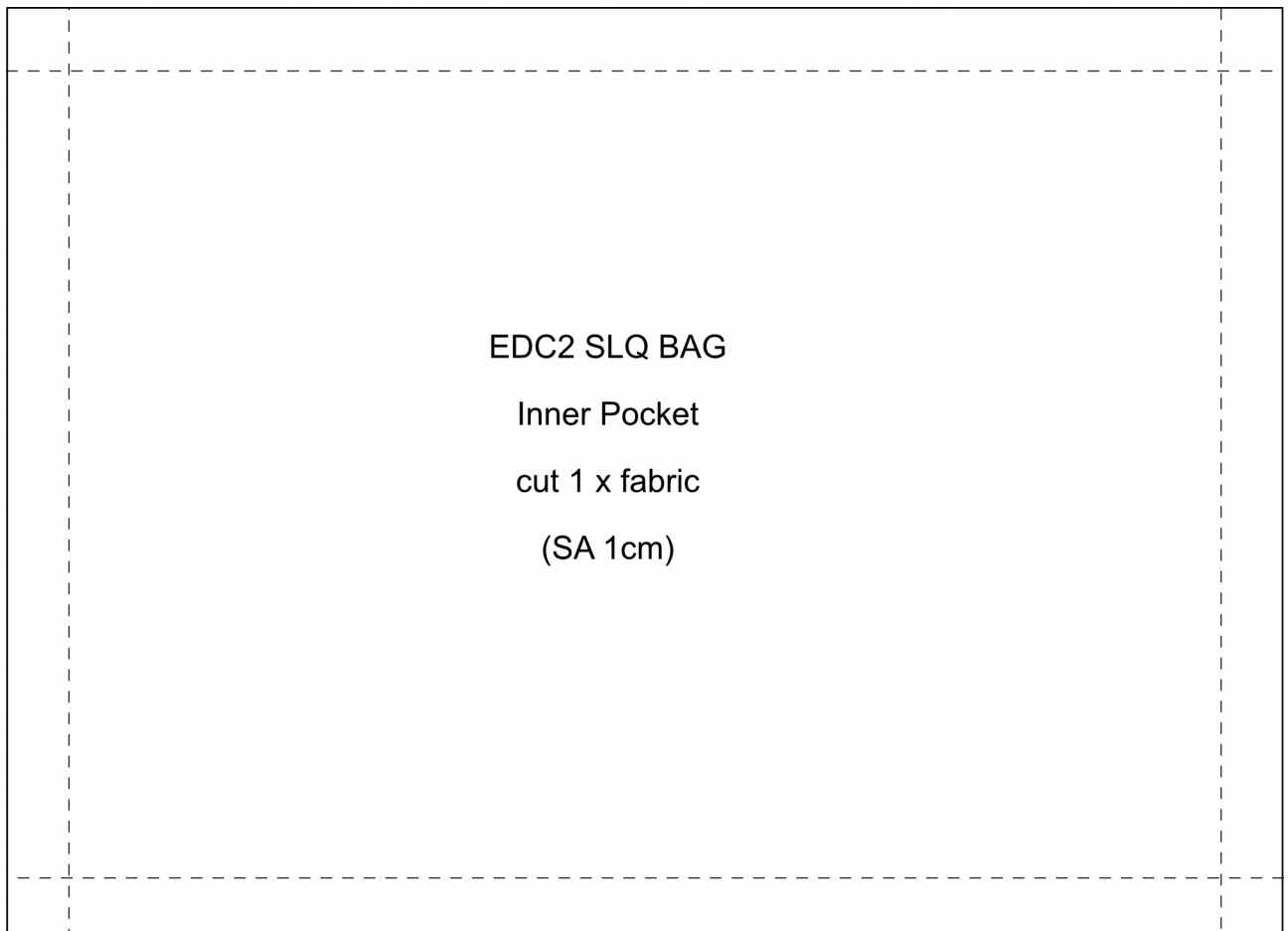
<b>New pattern pieces (on next page)</b>	<b>Altered pattern pieces</b>	<b>Patterns not used from EDC Two Bag</b>
Handle Keeper	Handle is now made from webbing	Pocket
Inner Pocket		Bottom
Outer Pocket		Plastic Bottom
Outer Pocket Flap		Handle

### *Bibliography and Resources*

<https://www.sewessential.co.uk/blog/how-to-choose-the-right-sewing-machine-needle/>

<https://weallsew.com/all-about-sewing-machine-needles/>

<https://www.sewingpartsonline.com/blog/how-to-sew-vinyl-faux-leather-oilcloth/>





EDC2 SLQ BAG  
Outer pocket Flap  
cut 1 x fabric  
\*velcro 25mm x 5cm  
(SA 1cm)



EDC2 SLQ BAG  
Outer Pocket  
cut 1 x fabric  
\*velcro 50mm x 9cm  
(SA 1cm)

*Fold*