

Troubleshooting Chart

Problem	Possible Solutions	Page Reference
Fabric puckers	<p>Check threading.</p> <p>Check for tangled or caught thread.</p> <p>Use high-quality lightweight thread.</p> <p>Shorten stitch length.</p> <p>Loosen thread tension.</p> <p>Use differential-feed feature, if available.</p> <p>Hold fabric taut in front of and behind presser foot while sewing.</p> <p>Decrease presser foot pressure.</p> <p>Check alignment and sharpness of knives.</p>	<p>pages 30 and 31</p> <p>pages 30 and 31</p> <p>page 22</p> <p>pages 66 and 67</p> <p>pages 69 to 83</p> <p>pages 46 and 106</p> <p>page 106</p> <p>pages 106 and 107</p> <p>page 27</p>
Fabric stretches	<p>Trim 1/4" (6 mm) or more while sewing; for sweater knits, trim 3/4" (2 cm), except when applying ribbing.</p> <p>Lengthen stitch length.</p> <p>Use differential-feed feature, if available.</p> <p>Ease fabric into serger while sewing; do not stretch fabric.</p> <p>Stabilize seam.</p> <p>Decrease presser foot pressure.</p>	<p>pages 106 and 108</p> <p>pages 66 and 67</p> <p>pages 46 and 106</p> <p>page 107</p> <p>pages 49 and 53</p> <p>pages 106 and 107</p>
Fabric jams	<p>Close looper cover before sewing.</p> <p>Do not allow trimmings to fall into machine.</p> <p>Check for tangled or caught thread.</p> <p>Compress thick layers of fabric with conventional stitches before serging.</p> <p>Lengthen stitch length.</p> <p>Loosen looper thread tensions.</p> <p>Check alignment and sharpness of knives.</p>	<p>page 12</p> <p>page 43</p> <p>pages 30 and 31</p> <p>pages 43 and 106</p> <p>pages 66 and 67</p> <p>pages 69 to 83</p> <p>page 27</p>
Fabric does not feed well	<p>Lower presser foot.</p> <p>Lengthen stitch length.</p> <p>Use differential-feed feature, if available.</p> <p>Adjust presser foot pressure.</p> <p>Check alignment and sharpness of knives.</p>	<p>page 56</p> <p>pages 66 and 67</p> <p>pages 46 and 106</p> <p>pages 106 and 107</p> <p>page 27</p>
Fabric layers shift at beginning of seam	<p>Lift presser foot, and position fabric under it.</p> <p>Pin-baste fabric layers.</p>	<p>page 56</p> <p>page 54</p>
Fabric edge is uneven	<p>Trim at least slightly while stitching.</p> <p>Shorten stitch length.</p> <p>Use tricot bias binding to eliminate ragged edges on rolled hems.</p> <p>Use heavy decorative thread in looper to fill in stitches.</p> <p>Check alignment and sharpness of knives.</p>	<p>page 33</p> <p>pages 66 and 67</p> <p>page 63</p> <p>pages 118 and 119</p> <p>page 27</p>

Problem	Possible Solutions	Page Reference
Stitches skip	<p>Check threading.</p> <p>Use high-quality thread.</p> <p>Change type of thread.</p> <p>Insert needle correctly.</p> <p>Tighten needle set screw.</p> <p>Change a dull, damaged, or defective needle to a new needle.</p> <p>Change type or size of needle; confirm that both needles are the same size, if using two needles.</p> <p>Loosen thread tension.</p> <p>Allow serger to feed fabric, or hold fabric taut in front of and behind presser foot while sewing.</p> <p>Do not pull fabric through machine from behind presser foot.</p> <p>Increase presser foot pressure.</p>	<p>pages 30 and 31</p> <p>page 22</p> <p>page 22</p> <p>page 27</p> <p>page 27</p> <p>page 27</p> <p>page 27</p> <p>pages 69 to 83</p> <p>page 106</p> <p>page 106</p> <p>pages 106 and 107</p>
Stitches are irregular	<p>Check threading.</p> <p>Thread must feed from spool smoothly.</p> <p>Use high-quality, evenly twisted thread.</p> <p>Adjust thread tension.</p> <p>Insert needle correctly.</p> <p>Change a dull, damaged, or defective needle to a new needle.</p> <p>Change type or size of needle; confirm that both needles are the same size, if using two needles.</p> <p>Use fabric that has an even texture for decorative stitching.</p> <p>Check alignment and sharpness of knives.</p>	<p>pages 30 and 31</p> <p>pages 30, 31, and 117</p> <p>pages 22, 118, and 119</p> <p>pages 69 to 83, and 117 to 119</p> <p>page 27</p> <p>page 27</p> <p>page 27</p> <p>page 106</p> <p>page 27</p>
Stitches form off fabric edge	<p>Use left needle.</p> <p>Widen seam width, using stitch width regulator.</p>	<p>page 27</p> <p>page 12</p>
Needle breaks	<p>Check for tangled or caught thread.</p> <p>Insert needle correctly.</p> <p>Tighten needle set screw.</p> <p>Change to larger-size needle.</p> <p>Do not pull fabric through machine from behind presser foot.</p>	<p>pages 30 and 31</p> <p>page 27</p> <p>page 27</p> <p>page 27</p> <p>page 106</p>
Thread breaks	<p>Check threading.</p> <p>Check for tangled or caught thread.</p> <p>Use high-quality, strong thread.</p> <p>Loosen thread tension.</p> <p>Insert needle correctly.</p> <p>Change a dull, damaged, or defective needle to a new needle.</p>	<p>pages 30 and 31</p> <p>pages 30 and 31</p> <p>pages 22, 118, and 119</p> <p>pages 69 to 83, and 117 to 119</p> <p>page 27</p> <p>page 27</p>