

# TSN01276-100-A China Marker Tool Use Instructions

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## PURPOSE:

To help address mild surface scratches on textured panels (Black).



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## LABOR CODE:

- 624899112: Interior Pillar and Sill Trim General Diagnostic, No Trouble Found
- 648299112: Cargo Area Trim General Diagnostic, No Trouble Found

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## OTHER TOOLS REQUIRED:

- Felt pad
- Microfiber cloth/towel

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## PRIOR TO USAGE:

- Inspect the textured trim panel for any gouges or tears. This tool use does not address damage that can be felt by the finger or physical deformation of the panel.
- Make sure that you have enough of the china marker exposed to sufficiently cover the area you are working on
- Make sure the area to be repaired is free of any wax or oils as this will affect the use of the China Marker.





**⚠ CAUTION:** Do not perform procedure if any equipment is missing or damaged. Contact tooling team with any questions [ServiceToolEngineering@rivian.com](mailto:ServiceToolEngineering@rivian.com). Replacements can be ordered through Grainger consumables list.

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## TOOL USAGE:

*Tool use example shown are on a R1S liftgate. The application can be done on any textured plastic surface (black).*

STEP	DIRECTIONS	VISUAL AID
1	Inspect the panel for any sharp gouges and deep scratches. The application of the China Marker is used to only address	

	<p>surface scratches.</p> <ul style="list-style-type: none"> <li>Run your finger against the scratch, if your finger gets caught on the scratch, the panel may need to be replaced.</li> </ul> <div style="background-color: #fff9c4; padding: 5px; border: 1px solid #ccc;"> <p><b>⚠</b> Panels that have deep scratches, gouges or physical imperfections may require replacement.</p> <p>The China Marker <b>does not</b> address or fix these issues.</p> </div>	 <p>Inspect the scratch on the textured panel to make sure the panel is not compromised. (R1S liftgate shown)</p>
2	<p>Go over the scratch with the China Marker (Black). Make sure to cover the entire scratch.</p>	 <p>Apply China Marker material to entire scratch surface.</p>
3	<p>Using a clean felt pad, rub the surface with some effort in the contour of the panel surface. This will ensure that the scratch will slowly blend into the surrounding panel surface.</p> <p>This may take a few minutes to achieve depending on the effort used.</p>	 <p>The use of the felt pad will initially blend the scratch to the surrounding textured panel surface. It may still be lightly visible at this stage.</p>
4	<p>Using a microfiber cloth (similar to what the detailers use), go over the repaired area multiple times while applying light pressure to finalize the blending of the repaired scratch to the surrounding textured surface (use broad strokes utilizing the contour of the panel).</p> <p>Repeat steps 1-4 for any additional cosmetic imperfections as applicable.</p>	 <p>The finished repair area after using the microfiber to finalize the blending to match the surrounding area.</p>

**Note:** The final result is not a permanent repair to the panel but should reduce the visible appearance of the scratch even after multiple cleanings of the interior surface.