



Specter Off-Road, Inc.
Land Cruiser Parts & Accessories
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FJ40 Door Panel Kit

#126-7500 Coral (COR), Dark Gray (DG), Light Gray (LG) Fits 6/75-1984 FJ40



FJ40 Door Panel Install Kit

- 2 Hardboard Panels (Left and Right)
- 2 Vinyl Skins (Left and Right)

Tools

- | | |
|-----------------|---------------|
| Contact Cement | Scissors |
| Glue Applicator | Utility knife |
| Pencil | Weights |
| Ruler | |

TIP: Have paper towels or rags convenient to wipe excess contact cement. Be sure that any solvent used for removing contact cement is safe for use on vinyl.

Read this instruction sheet completely before you begin. It contains details that will help you attain a professional finished product. Work in a clean, well-ventilated, dust free area. Make sure your work surface is flat such as a table. Cover the surface with a drop cloth, cardboard or paper. Other parts to repair your FJ40 front doors can be found on page 126 of the SOR Catalog see www.sor.com/cat/126

STEP 1 - Remove the inner door panel from the steel door.

These instructions assume that the door panel has been removed from your FJ40 Door. For help removing the panel, consult factory Toyota Chassis & Body Manual.

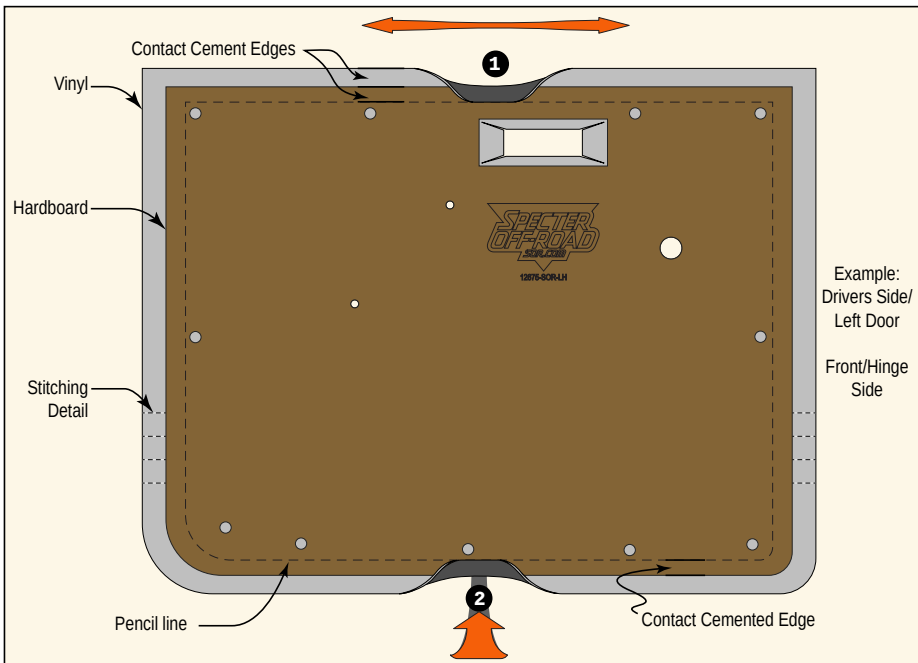
Preparation

STEP 2 - Check fit and prep the panel

Position the vinyl face down, foam side up on your work surface. Place the panel, textured side against the foam, Specter logo facing up (smooth side). The holes for the door regulator, window crank and door pull should align with the holes in the panel (Figure 1 -4).

On the logo side of the hard board, draw a guide line $\frac{3}{4}$ of an inch from the outer edge around the entire panel. This line will define the area to which the contact cement will be applied avoiding excess glue application. (see Figure 5 and Line Drawing A.)

TIP: The smooth side of the panel is the best surface to accept the contact cement.



Line Drawing A.

- 1). Fold top edge first - Work center out to corners to complete
- 2). Bottom edge - Work center out to corners. Gently pull away from the top edge as you wrap the vinyl around the bottom edge of the panel.

Assembly

Checking for alignment of detail stitching to confirm it's parallel to the bottom edge of the panel. Avoid stretching the vinyl to avoid wrinkles and bowing the hard board. Use weights to hold it in place if needed.

STEP 3 - Apply Contact Cement to the Panel

Apply two coats of contact cement around the entire hardboard panel from the edge of the board to the pencil line (Figure 5). Depending on the brand of glue you use, the first coat may soak into the hardboard.

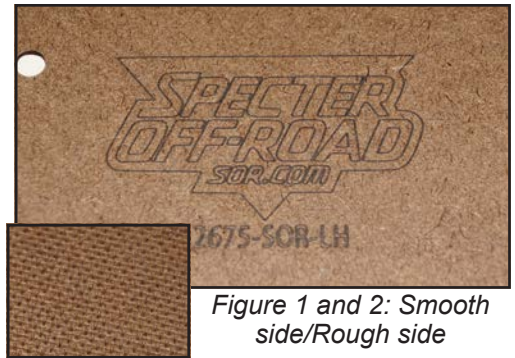


Figure 1 and 2: Smooth side/Rough side



Figure 3: Align the holes



Figure 4: Alignment - Door handle opening



Figure 5: Apply contact cement to hardboard



Figure 6: Apply contact cement to vinyl

Make sure the glue has dried between coats. It is not necessary to glue the material around the door handle opening. The bezel will hold it in position.

Confirm that the vinyl is properly aligned to the hardboard. The top edge of the foam must align to the top edge of the hardboard. Holes in the vinyl should align with holes in the hardboard (Figures 3 and 4).

STEP 4 - Gluing and Folding the Vinyl

1). Apply contact cement to the top edge of the vinyl (Figure 6). Fold top edge first - Work center out to corners to complete. Stop before you seal the corner (Figure 7 and 7B). Make diagonal relief cuts on the glued edge of the vinyl on each top corner approximately 1/8 inch from the edge of the board towards the center (Figure 8). Smooth down the remainder of the top edge. Do not trim away the excess at this point. You will need that material to finish the corner (Figure 9).

2). Bottom edge - Work from the center out to the corners. Gently pull the vinyl away from the top edge across the entire bottom to ensure it's straight and flat (Figure 10). Apply contact cement to the bottom edge of the vinyl. Wrap the bottom edge occasionally checking for alignment. Avoid stretching the vinyl which could cause wrinkles and bow the hard board. Stop at the beginning of the radiuses on the bottom edge of the panel (Figure 11, next page).

3). Repeat the process on the sides stopping before the corners.

TIP: When folding the cemented edge of the vinyl onto cemented edge of the hard board, work from the center of each side out to each corner smoothing the now glued edge into place. Do not complete the corners until the straight runs of all 4 sides are complete. Contact cement will NOT give you a second chance to reposition the vinyl. Work in this sequence:

1. Apply contact cement to the top edge of the vinyl, let dry, work from the center out to fold vinyl.
2. From the bottom edge, pull vinyl down to smooth. Apply contact cement to the bottom edge of the vinyl, let dry, work from the center out to fold vinyl.
3. Apply contact cement to the Left or right edge of the vinyl and let it dry, work from the center out to fold vinyl into position.
4. Apply contact cement to the other side, let dry, fold vinyl...
5. Leave the corners for last.



Figure 7: Working the center to the corners



Figure 7B: Working the center to the corners, stopping before the edge



Figure 8: Stay an 1/8 in from the edge when cutting diagonal relief cuts



Figure 9: To achieve clean miters, leave excess until all 4 sides are attached



Figure 10: Gently pull the vinyl away from the top along the bottom edge

TIP: Over time the vinyl will shrink. It is important not to trim too close to the edge of the hardboard. Shrinkage may reveal gaps in the vinyl where it's been trimmed too close to the edge.

STEP 5 - Finishing Corners

1). Miter the top corner by cutting along the diagonal relief cut made while you were finishing the top edge (Figure 12). Leave enough vinyl to create a flap that will hold the corner down (Figure 13 and 13B).

2). Create pleats on the bottom radiuses. Start by setting the vinyl in the middle of the radius (Figure 14). Then set the middle of the remaining edge. Smooth the vinyl towards each pleat creating ridges that will eventually be cut away. Pinch the pleats so the bottom of each side touches each other. Trim off the excess. Starting approximately 1/8 inch from the edge of the hardboard (Figure 15 and 15B).

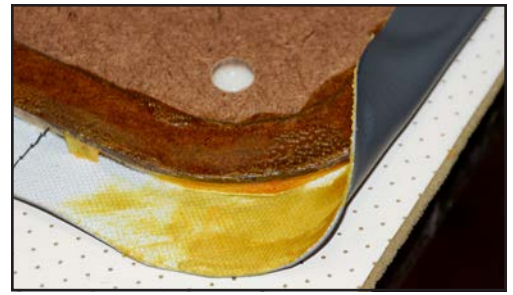


Figure 11: Cutting along the relief cut



Figure 12: Cutting along the relief cut



Figure 15 Trimming Pleats

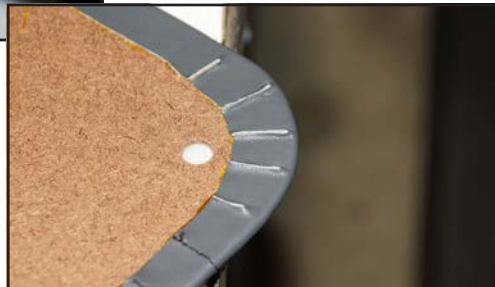


Figure 15B Finished Radius

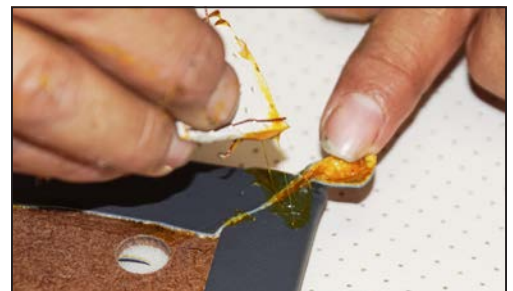


Figure 13: Creating and gluing a flap



Figure 13B: Finished Corner



Figure 14 Creating Pleats