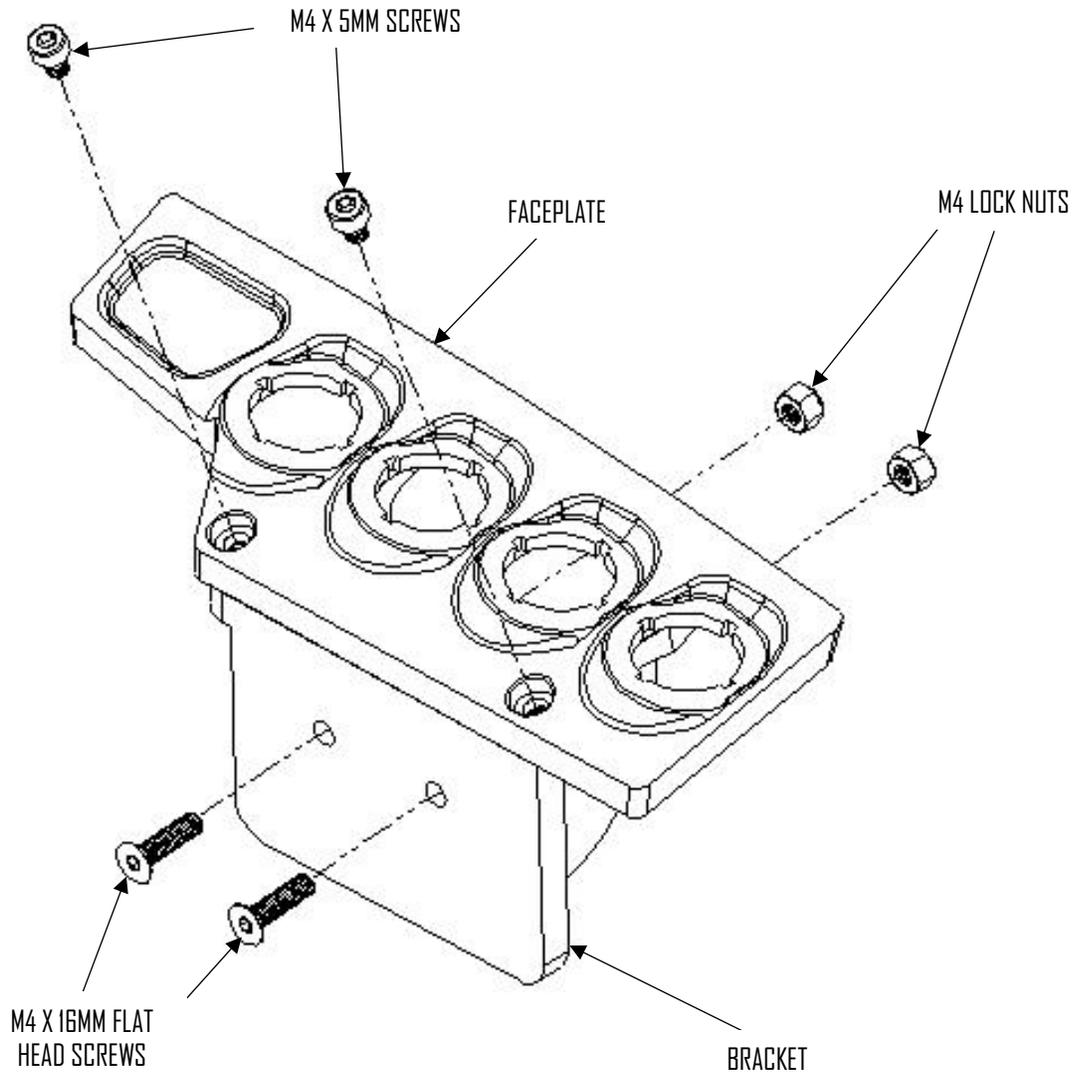
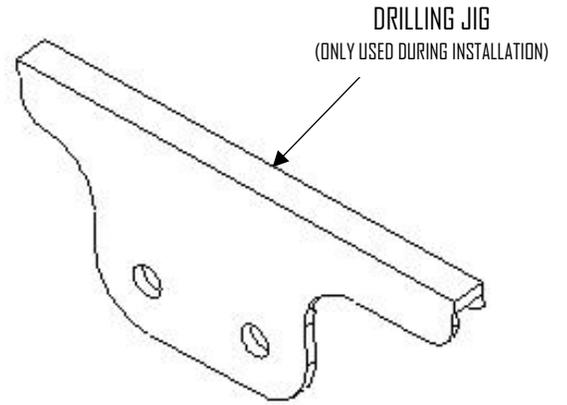


INSTALLATION INSTRUCTIONS:
Center Compartment Switch Panel
2003-2009 4Runner

INCLUDED PARTS:

1. Switch Panel Assembly
 - 1.1. Faceplate
 - 1.2. Bracket
2. Drilling Jig (only used during installation)
3. M4 x 5mm 18-8SS Socket Head Screw (QTY 2)
4. M4 x 16mm 18-8SS Flat Socket Head Screw (QTY 2)
5. M4 18-8SS Lock Nut (QTY 2)



PREPARATION AND INSTALLATION:

NOTE: Solidshift Concepts is not responsible for any property damage incurred through the use of this product and its installation instructions

1. Remove the center compartment
 - 1.1. Open the center compartment by pushing in the center of its outside face
 - 1.2. Grasp the top of the center compartment and gently pull towards the roof of the vehicle to separate the compartment from the center stack at its hinge points
2. Prepare the SWITCH PANEL ASSEMBLY
 - 2.1. Verify that you received all parts listed on **Page 1**
 - 2.2. Separate the FACEPLATE from the BRACKET by removing the two M4 X 5MM SCREWS
 - 2.3. Remove the M4 X 16MM FLAT HEAD SCREWS and M4 LOCK NUTS from the BRACKET
3. Drill BRACKET mounting holes in the center compartment
 - 3.1. Clip the JIG over the back face of the center compartment. The drill guide holes in the JIG should be on the outside of the compartment (see picture below)
 - 3.2. Make sure the JIG is fully seated on the center compartment and that the compartment is held rigidly in a vice or clamp
 - 3.3. Use a 1/4" drill bit to carefully drill two holes through the back face of the center compartment, making sure that the JIG does not shift while the holes are being cut

NOTE: Be sure to only drill through the back face of the center compartment. Double check the position of the JIG BEFORE drilling. The holes must be the correct size and in the correct position for successful installation.



- 3.4. Remove the JIG from the center compartment and make sure that the newly drilled mounting holes are free from burrs
4. Test fit the BRACKET and FACEPLATE inside the center compartment
 - 4.1. Place the BRACKET inside the compartment and align the two thru holes with the holes just drilled in the compartment
 - 4.2. Insert the two M4 X 16MM FLAT HEAD SCREWS through the aligned holes. The heads of the screws should be close to flush with the back face of the center compartment, but should not pass through
 - 4.3. Inside the compartment, gently tighten the two M4 LOCK NUTS onto the M4 X 16MM FLAT HEAD SCREWS.
 - 4.4. Before snugging the M4 LOCK NUTS down, attach the FACEPLATE to the BRACKET with the two M4 X 5MM SCREWS and visually confirm that the Switch Panel fits correctly in the center compartment. The FACEPLATE should be slightly below the top lip of the compartment, and there should be minimal gaps between the perimeter of the FACEPLATE and the center compartment

- 4.5. Take note of the direction you shifted the loose Switch Panel Assembly to achieve the best fit – this will be the position used later when the BRACKET fasteners are fully tightened
- 4.6. Remove the Switch Panel from the center compartment (reverse process described in steps 4.1.-4.4.)
5. Create hole in the center compartment for routing wire
 - 5.1. Using a step drill bit and/or rotary tool, create a 3/4" diameter hole in the bottom face of the center compartment in the approximate location shown in the picture below. Note the orientation of the compartment in the picture. Double check your chosen hole location before cutting to ensure that the hole will not break through the adjacent faces of the center compartment.



(Grommet shown in picture not included)

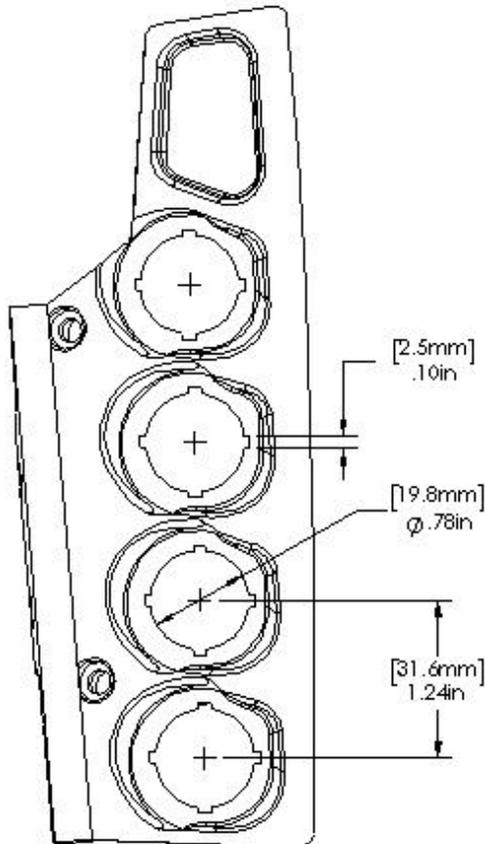
- 5.2. Remove any burrs from the hole. Installation of a rubber grommet (not included) is recommended in most cases, depending on your chosen wiring and loom/sleeving
6. Create hole in the center stack panel for routing wire
 - 6.1. Using a step drill bit and/or rotary tool, create a 3/4" to 1" diameter hole in the bottom face of the center stack panel in the approximate location shown in the picture on **Page 4**, nearer to the passenger side of the vehicle. Take care to not plunge any tools too deep beyond the plastic panel; there are other components behind this panel.
 - 6.2. Remove any burrs from the hole
 - 6.3. This hole should be roughly aligned with the hole just created in the bottom of the center compartment when it is installed, and allow for the free passage of any wires routed to the Switch Panel. Check for proper alignment once the hole is made by temporarily installing the center compartment in the center stack



7. Install switches (not included) into the FACEPLATE
 - 7.1. Establish desired position and rotation of switch
 - 7.2. Each switch cutout in the FACEPLATE has four keyways. From the top side of the FACEPLATE, align the anti-rotation tab on the switch with one of these keyways and firmly push the switch until it bottoms out on its flange. There should be no gap between the switch flange and the FACEPLATE when the switch is fully installed, and there should be no play in the switch body.
 - 7.3. Repeat for each switch
8. Final installation of the Switch Panel
 - 8.1. Place the BRACKET inside the center compartment and align the two thru holes with the holes drilled in the compartment
 - 8.2. Insert the two M4 X 16MM FLAT HEAD SCREWS through the aligned holes. The heads of the screws should be close to flush with the back face of the center compartment, but should not pass through
 - 8.3. Inside the compartment, tighten the two M4 LOCK NUTS onto the M4 X 16MM FLAT HEAD SCREWS while shifting the bracket in roughly the same direction established in step 4.5.
 - 8.4. Route desired length of wire for each switch terminal through the bottom hole in the center compartment, around the BRACKET, and out the top of the compartment. Note that wires intended for each of the four different switches will need to be routed through the BRACKET differently to prevent wires from getting pinned between the BRACKET and FACEPLATE. Wires for the middle two switches must be routed through the center hoop of the BRACKET. Wires for the far left and right switches must be routed outside the left and right sides of the BRACKET, respectively.
 - 8.5. Connect the wires to the switch terminals. It can help to color code or label the wires at this step
 - 8.6. Attach the switched and wired FACEPLATE to the BRACKET with the two M4 X 5MM SCREWS. Ensure that no wires are pinched between the FACEPLATE and BRACKET

- 8.7. If desired, wrap wire sleeving or loom (not included) around the wires where they pass through the hole in the bottom of the center compartment
- 8.8. Route the wire bundle through the hole in the center stack panel and behind the dash to be connected to power sources or accessories.
- 8.9. Take up most of the slack in the wire bundle between the center compartment and the center stack panel. Snap the center compartment into its hinge in the center stack
- 8.10. Check for proper operation of the center compartment by pressing it open and closed multiple times. If the center compartment is difficult to open/close, check to make sure the M4 X 16MM FLAT HEAD SCREWS are not protruding too far out of the back face of the center compartment. Also check that the wire bundle is not binding or being pinched.

DIMENSIONS AND SWITCH COMPATIBILITY



The cutouts on the Switch Panel will accept most standard round rocker switches that require a 19mm or 20mm hole. Switches with uncommonly tall rockers/toggles may not allow the center compartment to close.

Below is a photo of a compatible switch. Please refer to this Switch Panel's product page on www.solidshiftconcepts.com for links to known-compatible products

