

# **VolksTech Industries**

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## **Instructions - SK-13 Speaker Kick-Panels**

### **PLEASE READ COMPLETELY BEFORE YOU START**

Your VTI SK-13 Panels are designed to fit the VW Super Beetle (Four different panels are required to fit the various years and body styles of the Super Beetle) as closely as possible. The fit will be good to excellent as there are deviations in the under-dash VW sheet-metal. Accordingly, some trimming of the panel will probably be required for a precise fit on your bug (Convertibles deviate as much as 1/2" from car to car).

1. Remove both front seats in order to give yourself plenty of working room. Take off the existing wheel-well carpet and remove the carpet nails. Don't damage the lower section of carpet as you will reuse it to cover the heater duct channel. Remove the passenger side foot-rest plate (Under the floor carpet).
2. Position the SK-13 between the door jamb and the forward bulkhead (Fire wall), resting on top of the heater duct channel. If the panel is too tall, and requires trimming, trim first on the bottom of the panel. Trim enough material for the panel to set in place without binding (An additional 1/8" to 3/16" gap along the panel bottom edge will be required to clear the carper later in the installation).
3. Once the panel will fit **WITHOUT BINDING** do any trimming on the panel top to match your VW under-dash sheet-metal, if required.
4. The cleanest and easiest method we have found to cover the heater duct channel is to glue the lower section of carpet (That you removed in Step #1) over the channel, and trim the carpet for a tight fit against the wheel well and door jamb. This will allow the bottom edge of the panel to rest on the carpet section.
5. Cover the panel speaker mounting surface with masking tape to provide an easy surface to draw on and prevent scratches in the panel while cutting. Lay out and cut the proper diameter hole for your speaker and drill the holes for the speaker mounting screws(dimensions or mounting template should have been provided withe the speakers you are using).
6. Hold panels in place and drill two holes through each panel and into the door jamb. Drill one hole through the forward lip on the panel to the sheet-metal reinforcement bracing of the forward bulkhead for panel attachment with the trim screws provided. **CAUTION!** The paper hose for your defroster vents is behind the door jamb area, and there are brake line hoses behind the forward bulkhead. Take care to prevent the drill bit from going too deep and damaging the

defrost hose and make sure you are drilling into only body sheet-metal. If your door jamb area has a low spot you can locate the screw locations to that area for a better looking fit.

7. Fish your speaker wiring from the trunk down and out the existing holes in the door jamb. If you plan to carpet the panels, spray carpet and panel with contact adhesive, mount carpet and trim.

8. Hold the panel in place and secure with the trim screws provided. Replace the foot rest plate and seats,

9. Wire and mount your speakers and grills.

## ABS PLASTIC TIPS

We manufacture the SK- series panels from ABS plastic. It is the best material for automotive interiors of the engineered plastic resins. It can be cut and sanded similar to wood and with the same tools. The primary consideration is to prevent scratches and mars on the vinyl grain surface.

An electric saber saw, drill and disk sander will make cutting and any trimming easy and fast. The precaution in using them is not to take too much material off.

Use masking tape on areas you need to cut or trim. The tape will make a good surface to mark on and will also protect the panel surface from scratches.

DO NOT use a knife for trimming or cutting plastic. The inevitable result is the knife will cut in too deep, requiring excessive force to complete the cut which, in turn, will result in a slip either gouging the plastic or personal injury.

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