



VW Karmann Ghia USB charger install guide. (66-67)

1. Remove the ashtray from the car.
The spring loaded flap is removed from the tray by pulling the pin out sideways with a pair of pliers, or by driving it out with a small punch and hammer. Lift and lower the flap a few times to loosen the pin. It's been in there a long time. These pieces are now defunct, so put them somewhere safe if needed in the future.

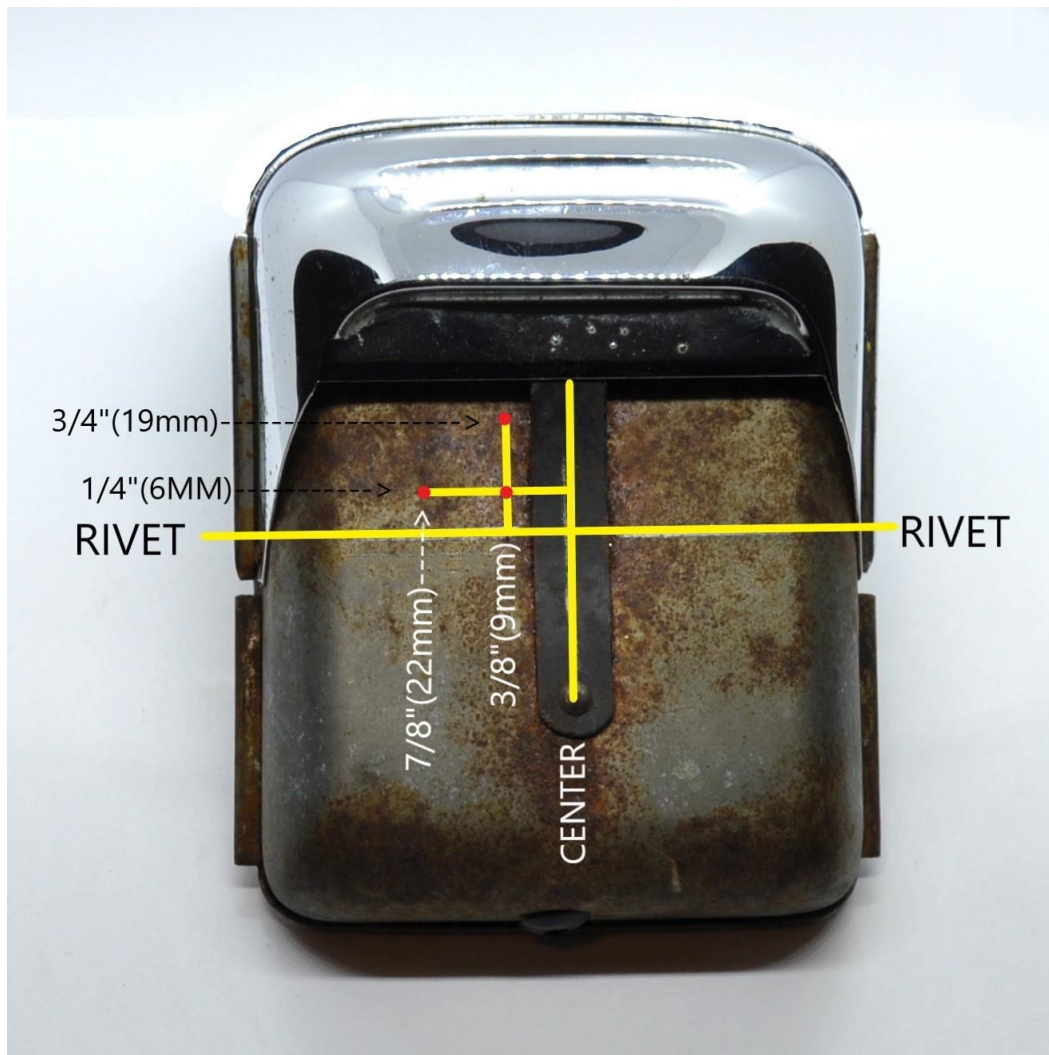


2. Drill a ¼" or 6mm hole in the back of the ashtray. Anywhere that does not interfere with anything structural under the dash works, but in the middle is ideal. Remove all sharp edges with a deburring too, file or larger drill bit.
3. Install the grommet in the hole. Softening it in hot water will make it easier to get in the hole. Look inside to make sure inside has seated properly all the way around the hole.
4. A similar hole needs to be drilled in the ashtray surround. If accessed from the luggage area side, the surround can be drilled in place. **These two grommet holes need to be in line as the wire slides through them as the ashtray is opened and closed.**



- 5 On the underside of the ashtray draw a line between the two rivets that the hinged front of the tray pivots on. Also draw a line straight down the centre of the spring strip. These are indicated by the two longer yellow lines in the image below.

Mark your hole positions on the underside of the tray as per the dimensions below. With the charger removed, drill the ashtray $\frac{3}{32}$ " or 2.5mm, carefully countersink the holes and remove the burrs from inside with the end of a larger drill or file.



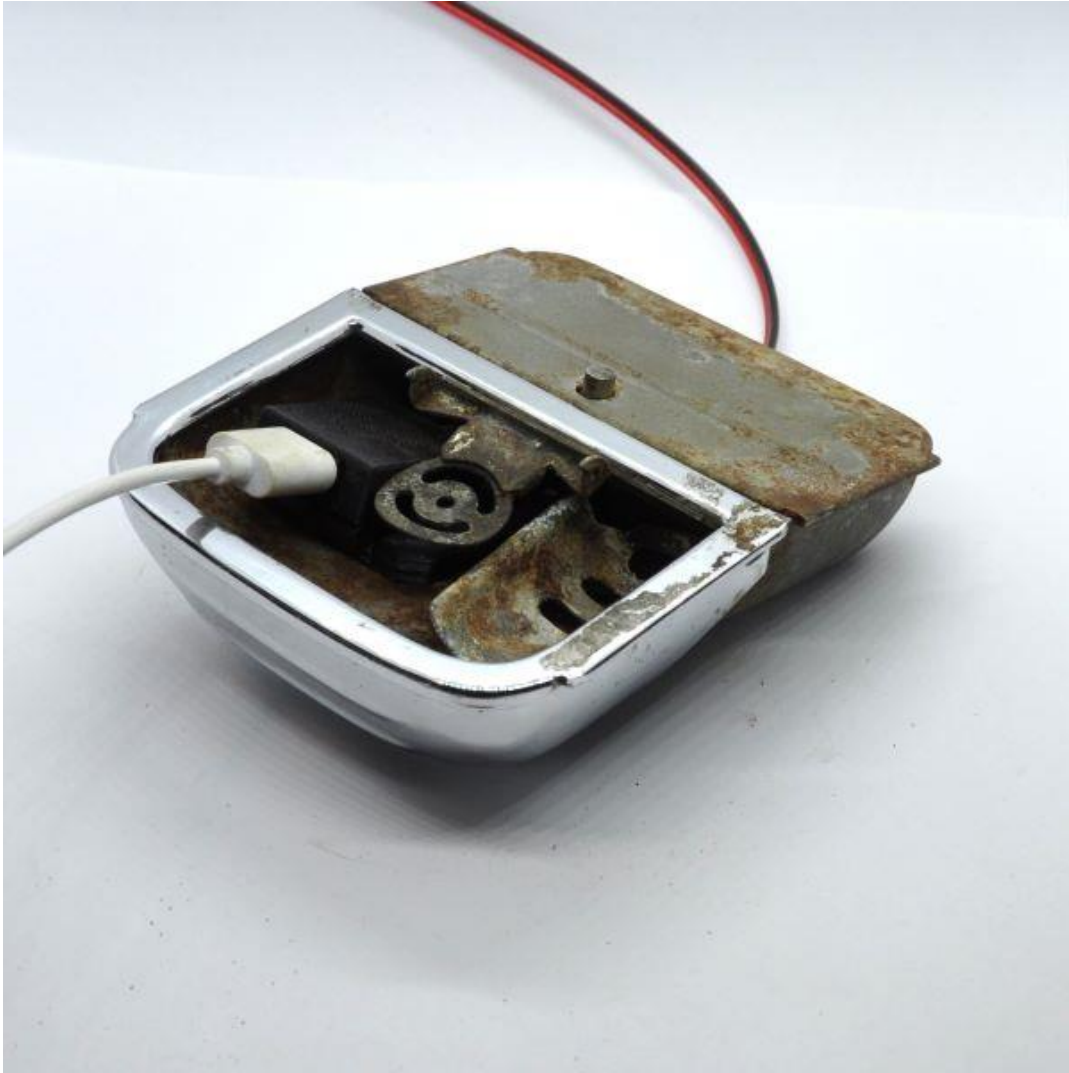
6 Thread wire through grommet in the ashtray as in the image below.



- 7 Position the charger with the top edge in line with the edge of the disc in the center of the stubber as per the yellow line in the image below. Lateral location is as close as can be to the stubber without it touching. The stubber needs clearance, so as to be able to pressed up and down, as it is also the release mechanism for ashtray removal. Firmly hold the charger in the desired position and screw in the three self tapping screws.







- 8 Prepare your power and ground wire under the dash. Reinstall the ashtray, connect your power to red and ground to black. This unit works with both 6V and 12V systems.

Remember to leave a few inches of excess length in your wires to allow for the movement of the tray when opening.

- 9 Plug in your phone and go for a cruise!