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GVW-AIRHORN-KIT

Flosser Nautilus Air Horn Upgrade [80-91 Vanagon]

Tools Needed

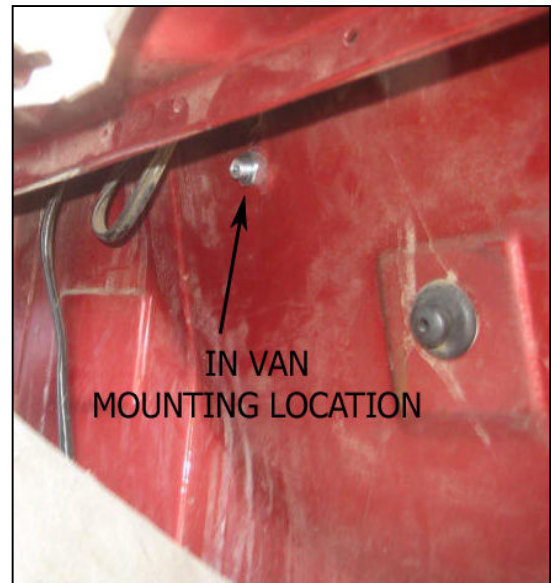
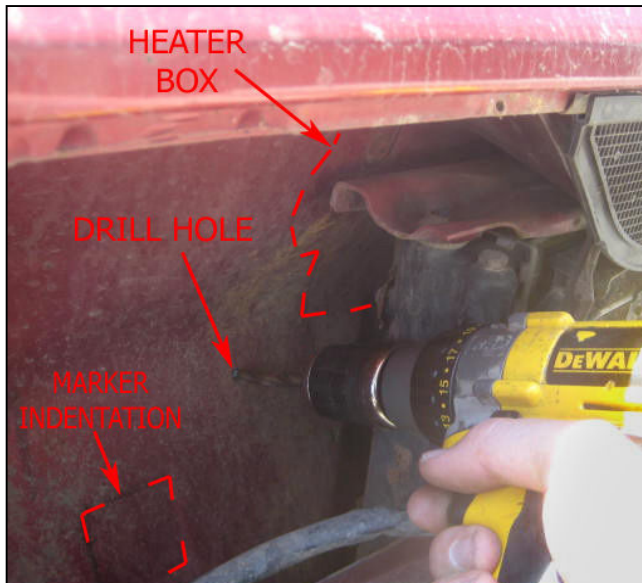
- Power drill
- 5/16 drill bit
- Flat and Phillips screwdrivers
- Pliers
- 13mm wrench
- Hard wire/coat hanger

DISCLAIMER: *This kit has been designed for easy installation. However, it does involve cutting and splicing into factory wiring. The installation of this kit is not within everyone's ability. Read through these instructions carefully and decide if installing it is for you. If not, please take your vehicle to an automotive electrician. Wiring errors can be troublesome and hazardous.*

Mounting the Horn

The horn is mounted directly behind the passenger side headlight, next to the radiator.

1. Remove the glove box, upper grill, and both headlight assemblies.
2. Drill a 5/16" hole, through the front cowl (just below the roll in the sheet metal). There is a small square indentation in the sheet metal that can be used as a reference marker (see photo).
3. Using the mounting hardware, bolt the horn into place (the horn needs to be oriented within 25 degrees of perpendicular, relative to the ground). A bit of silicone sealant will weatherproof the connection.



Wiring the Horn

1. Remove fuse panel cover and lower the fuse panel.
2. Behind the driver's side headlight are three large wire looms (passing into the van through three large rubber boots). Run the long, fused red wire from the relay inside the van (behind the fuse panel), through the inboard-most boot, and out the front of the van. It is easiest to push the hardware (coat hanger) through from the outside and use it to pull the wire through from the inside. This wire travels across the front of the van to the passenger side following existing wiring bundles (use zip ties to secure wire in place). Connect the red wire to the horn.
3. Attach the ground wire to the horn and, using the provided self-drilling, self-tapping screw, ground the other end to the body of the vehicle.





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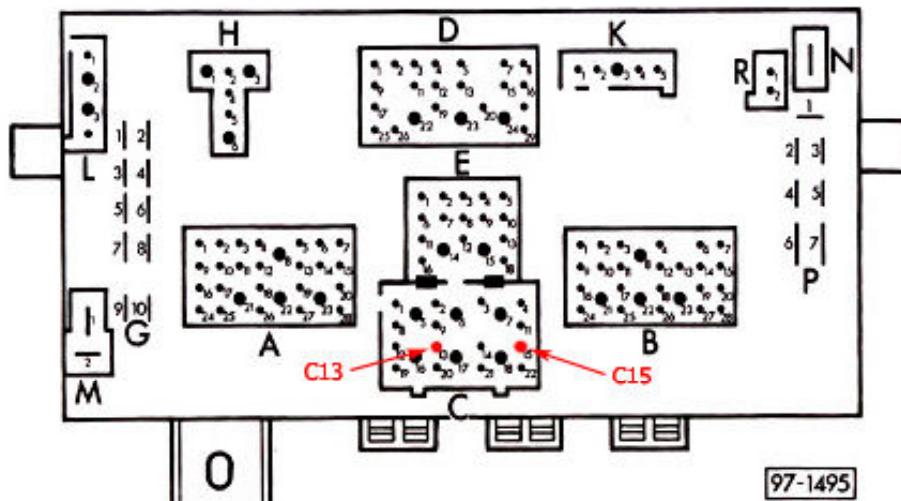
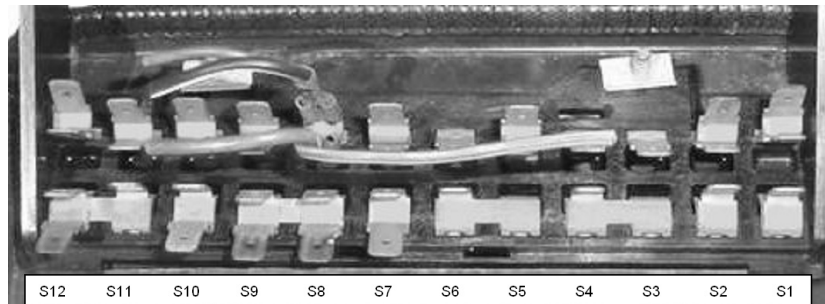
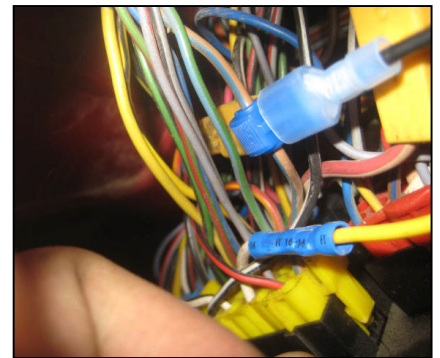
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Wiring the Relay

Use the provided blue wiretap connectors to make the following connections:

1. Black wire from relay (PIN 86) taps into the Brown/Blue tracer wire
 - Early van (80-85): Remove the plastic steering column shroud. This wire exists the thin plug at bottom of the steering wheel (see picture).
 - Late van (86-91): Position C15, yellow connector, back of fuse panel.
2. White wire from relay (PIN 85).
 - Early van: Any wire coming from the **top** of fuse S12. Use the Black/Yellow wire if it is there, otherwise, any wire will do.
 - Late van: Black/Yellow wire from position C13, yellow connector, back of fuse panel.
3. Short red wire from the relay, which is the main power supply.
 - Early van: Unplug the connector from the **bottom** terminal of fuse S9, plug it onto the piggyback connector on end of the relay wire. Plug this assembly back onto the bottom of fuse S9.
 - Late van: Plug onto any open position on the "P" terminals (Be sure the exposed male tab cannot come into contact with any other wire/connectors, clip it off if necessary).
4. Reinstall the fuse panel, making sure no wires are pinched.



Fuse panel rear view (1986-1991)