



AUX-REVERSE-LED

Auxiliary Reverse Light – Vanagon [80-91]

The stock reverse lights on a Vanagon are woefully underpowered. This kit will supply you with everything necessary to install an auxiliary reverse light on any 1980-1991 Vanagon so you can actually see what you are about to back into.

Tools Needed

- Power drill
- 5/16 and 11/32 drill bit
- Phillips screwdriver
- Wire crimping/stripping pliers
- 13mm and 17mm socket wrenches

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.*

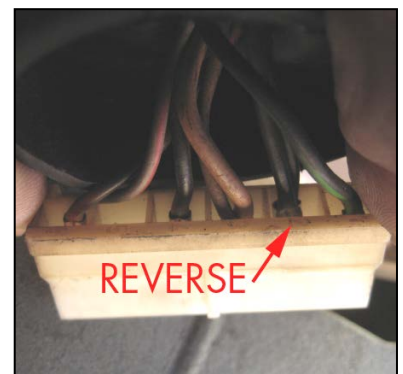
INSTALLATION

1. Begin by removing the engine bay cover and the right side taillight. The wiring diagram at the end of the instructions will help visualize some of the install steps.
2. Mock the auxiliary light up in your desired location. To clear GoWesty swing away systems components, we install the auxiliary reverse light on the bumper to the right of the license plate, but it can be mounted elsewhere on the back of the vehicle. Be wary of what is behind the panel you mount it on, as you will be drilling holes through the panel.



Once you have the location, drill a 11/32 mounting hole, and affix the provided bracket. Mock the light housing into position on the bracket, drill a 5/16 hole for the wiring to pass through, and insert the provided grommet into the hole (see picture for example). Run the wire through the grommet and behind the taillight.

3. Now you will tap into the reverse light signal. The plug for the taillight has 6 positions—only 5 of which are used. The #2 position is a black wire with a blue tracer; this is power for the reverse light (please confirm you have the correct wire using a test light or volt meter). Expose a section of this wire from within the loom and crimp the blue wiretap (T-tap) onto this wire.
4. If needed, extend the wires of the aux reverse light so that they extend to the rear of the taillight connector with some slack. Use the provided uninsulated crimps and heat shrinkable tubing to accomplish this.





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5. Crimp the blue insulated male quick connect onto the end of the RED wire of the auxiliary LED light. Plug this Red wire from the auxiliary reverse light (with insulated male connector) into the T-tap.
6. Crimp the provided eyelet onto the end of the BLACK wire of the auxiliary led light. Use the self-drilling screw to ground the eyelet/black wire to the body in an appropriate location behind the taillight.
7. Lastly, mount the taillight back into position, adjust the light to desired beam projection, and tighten all mounting points.

Congratulations! You're done! From now on, if you back into something... well, it's your own damn fault.

WIRING DIAGRAM:

