



These instructions and the images herein are proprietary. Any unauthorized reproduction is prohibited.

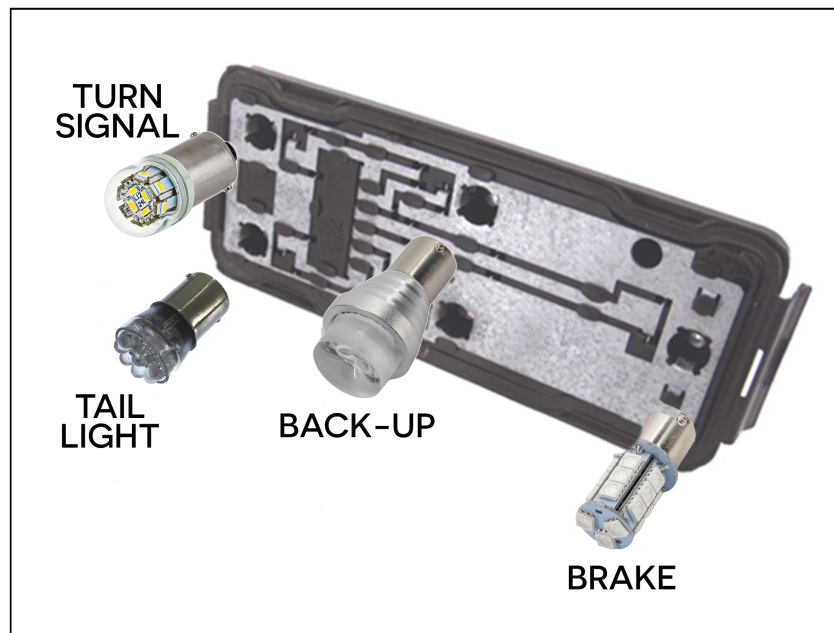
LED-EXT

Complete LED Exterior Bulb Replacement Kit

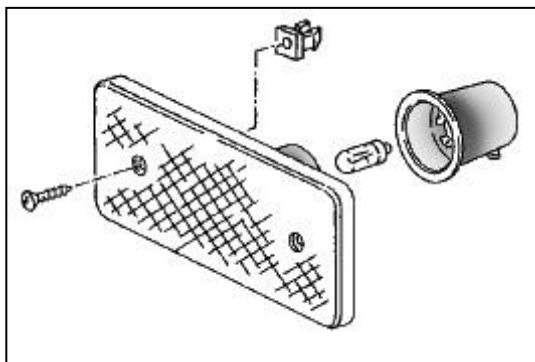
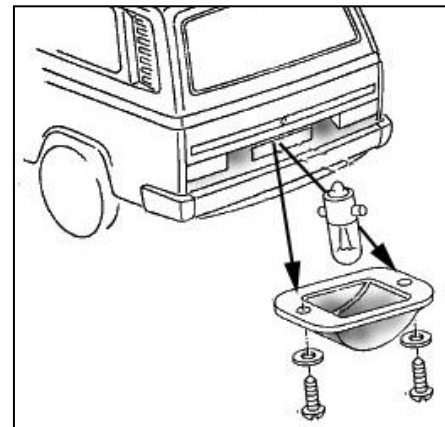
This kit includes replacement LED bulbs for the Vanagon front and rear turn signals, taillights, brakes, reverse, license, and side marker lights. The necessary replacement turn signal relay is also included.

NOTE: *This kit has been designed for easy installation—but may not be 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. Electrical errors can be troublesome and hazardous. Unpowered trailer wiring harnesses can cause problems with LED bulbs.*

Remove the taillight housing (it's easier to do one side at a time). Four Phillips head screws hold the housing in place. Once the housing is removed, gently push the release tabs in to release the lens from the bulb circuit board. Replace each bulb one by one, using the image below as a reference (each bulb twists counter-clockwise to remove, clockwise to install). Assembly is reverse of removal.



Once the taillight bulbs have been replaced in both assemblies and have been installed back into the van, remove the license plate light lenses. These are held in place by two Phillips head screws, one on each side of the lens. Gently pry off the lens cover, allowing access to the bulb. The old bulb will twist out just like the taillight bulbs, and the LED is installed in the same fashion (use the clear LED replacements here). Once the bulbs have been installed, carefully replace the lens covers.



Remove the rear side marker assemblies from the van by removing the two Phillips head screws from each lens. A rubber boot covers the bulb holder on the back of the lens. Carefully pry this boot back, and VERY GENTLY pry the release tab on the lens backing away from the bulb holder (see image for disassembly). Install replacement red colored LED bulbs (reverse of removal).

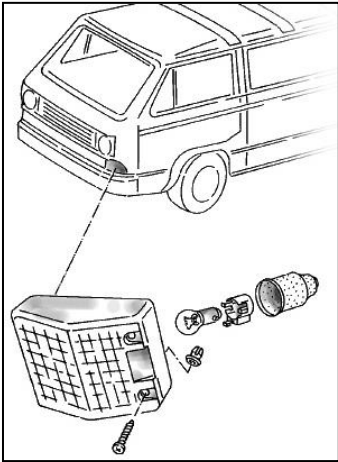


These instructions and the images herein are proprietary. Any unauthorized reproduction is prohibited.

LED-EXT

Complete LED Exterior Bulb Replacement Kit

NOTE: Some Turn signals will require the addition of a parallel resistor. Please see our available [LED-EXT-VANO-RESISTOR product webpage](#) for more information!



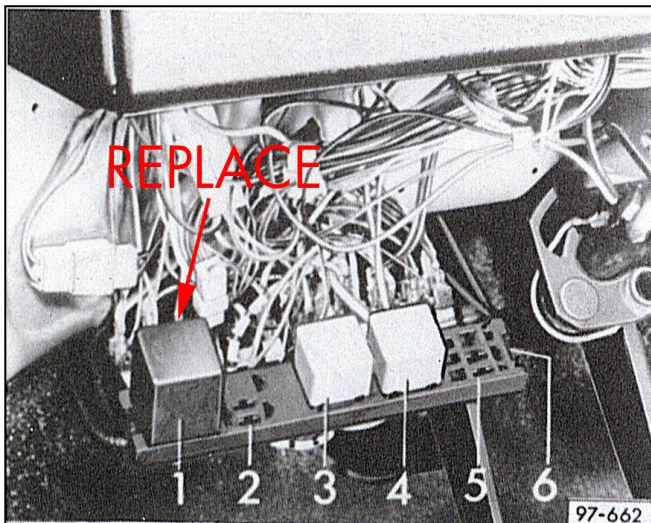
Remove the front turn signal lens via the two Phillips screws on the side of the lens. Now you can access the front turn signal bulb (see image). Replace old bulb with the new LED bulb (this bulb is the only dual filament style bulb, make sure the base looks like the one in the picture). Re-assembly is reverse of removal. During installation of this bulb, it is a good time to clean the electrical contacts on the back of the front turn signal assembly. These contacts are often very corroded, and can affect signal operation and light output. **Note:** Observe correct orientation of the bulb when installing, nubs on side of bulb are offset and only fit properly when oriented correctly.



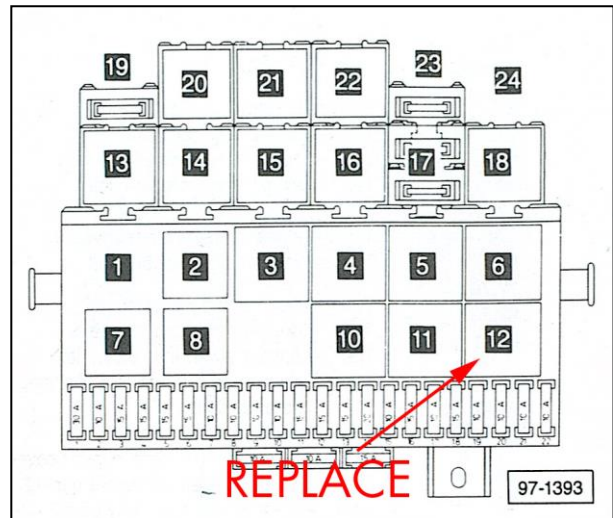
Fitment note: If your vehicle has **factory-installed cruise control**, a minor modification to the cruise control wiring harness is required. There is a RED/BLACK wire that runs from the cruise's main control unit, through the foot pedal-activated canceling switches (one at the brake pedal of all vehicles, and an additional one at the clutch pedal of manual-shift vehicles), and then up to one of the brake light pressure switches on the master cylinder. Cut the wire **between the switches and the master cylinder** (on manual-shift vehicles it should come from the clutch pedal switch) and ground the end coming from the switch locally—the screw that fastens the bracket for the canceling switches to the body of the vehicle is a convenient location. Be sure to tape, or otherwise protect, the end of the wire coming down from the master cylinder and secure it out of the way to prevent a short, as this wire receives power when the brake lights are activated. This step is necessary because the canceling switches get their ground signal through the brake light bulb filaments, which is not possible with LED bulbs. Your cruise control will not work without this modification, as it will always think that the clutch or brake is being depressed.

Last, before testing light function, install the provided relay into the fuse panel. Simply remove the old relay (see images for relay location according to year/fuse panel type) and replace it with the new one.

NOTE: The numbers in the images refer to relay *locations*, not any numbers on the relays themselves.



EARLY



LATE

NOTE: The release tabs on all of these lenses can be VERY brittle and often break—so BE CAREFUL when removing. If you do break one, we offer brand-new replacements on our web site.

That's it you're done! Enjoy your safer, more effective, and more efficient lights!

GoWesty Camper Products • 1119 Los Olivos Ave, Los Osos, CA 93402 • 888-469-3789 • www.gowesty.com