

LED Light Bulb Installation Directions

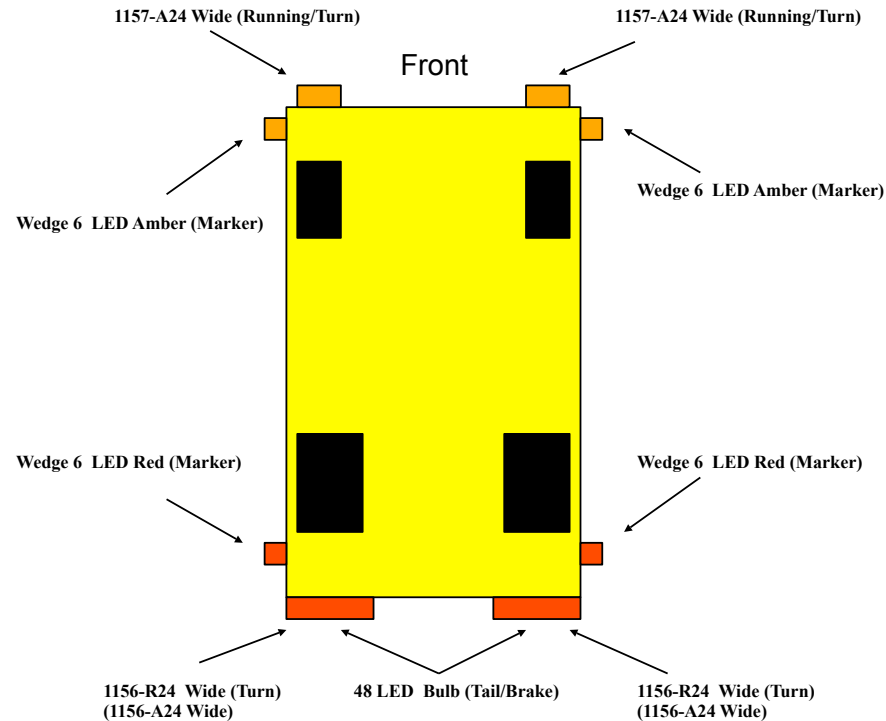
Your LED parts bag will contain the following:

- 2 – Red 48 LED bayonette mount bulbs (1157 style rear brake/tail lights)
- 2 – Red or Amber 24 LED bayonette mount bulbs (1156 style rear turn signals)
- 2 – Red 6 LED wedge mount bulbs (side marker lights on rear fender)
- 2 – Amber 24 LED bayonett mount bulbs (1157 style front running/turn signals)
- 2 – Amber 6 LED wedge mount bulbs (side marker lights on front fender)
- 1 – Electronic Flasher (replaces the stock turn signal flasher)
- 1 – Double diode pig tale (connects turn signals to the turn indicator bulb in the dash)
- 1 – Ground strap (connects the turn indicator bulb in the dash to ground)

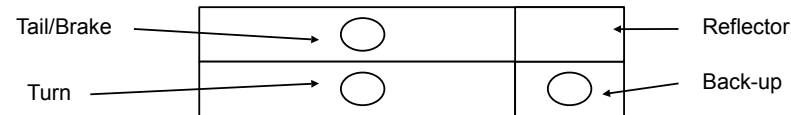
Optional Instrument Lighting:

- 6 – White single LED wedge mount bulbs (instrument lights)

IMPORTANT – LED bulb color must match the LENSE color (i.e. - amber lense = amber LED)



- 1) Remove the four screws securing the tail light lenses to the main housing. After the lenses have been removed you will see three separate bulbs in each housing. The upper bulb is a dual filament brake and tail light bulb. The lower bulb nearest the outside of the car is a single filament turn indicator bulb. The lower bulb nearest the center of the car is the back-up light. Retain your original back-up bulbs as the kit does not replace the back-up lights.



- 2) Remove the lower outside turn indicator bulbs in each housing and replace them with Red or Amber 24 LED bulbs from the kit (white box labeled 1156-R24 wide).
- 3) Remove the upper outside tail/brake bulbs in each housing and replace them with the 48 LED bulbs from the kit (clear plastic box). For the original tail light housings with horizontal lense dividers, this will be a difficult replacement. These LEDs are very large diameter bulbs (1.85") that are actually larger than the space available in the housing. The LEDs can be inserted by gently spreading the plastic divider in the housing as the bulb is pushed firmly into the mount. Make sure that the short and long pegs on the base of the bulb are aligned with the equivalent slots on the bulb holder. Check the peg alignment with the old incandescent bulb if necessary to make sure the LED bulb is aligned correctly. Replace the lenses. For later style Group IV lenses with vertical lense dividers, the large LED bulbs fit perfectly.
- 4) Remove the two screws securing the amber lenses to the front turn signal on each side. Replace the incandescent bulb in each housing with Amber 24 LED bulbs from the kit (white box labeled 1157-A24 wide).
- 5) Pull the bulb holder out from the rear side-marker light housings. These bulb housings can be accessed by reaching underneath the rear quarter panel. The rear replacement side-marker LEDs are small 6 LED wedge style bulbs. These are marked with a small red 'R' near the base.

Note that the wedge style LED bulbs are polarized and only light when inserted into the socket in the correct direction. Test the LED by turning the light switch to the park position. If the LED bulb doesn't light, then rotate it 180 degrees and reinsert it into the socket.

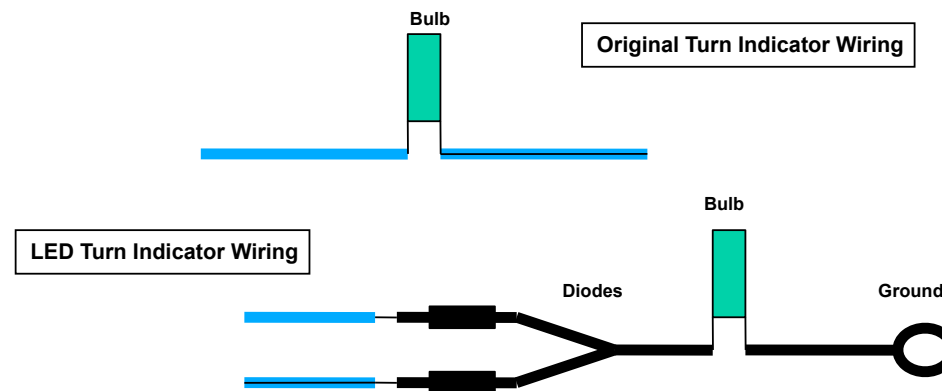
- 6) Pull the bulb holder out from the front side-marker light housings. Access will most likely require removing the front inner fender shield. Replace the stock incandescent bulbs with amber 6 LED wedge style bulbs (marked with a black 'A').

6) Locate the stock turn signal flasher. The flasher can be located either in the either the right passenger footwell or the left drivers side footwell. It is usually easiest to find the flasher by activating your turn signals and listening for it. Once you're in the vicinity, touch the various relays until you find the one that buzzes when the signal lights come on. Replace that relay with the electronic flasher from the kit (white box labeled CF13GL-02).

7) Last, you need to connect the two black wiring pigtales to the turn signal indicator

light in the tachometer (behind the green jewel in the lower center). In the stock configuration, the turn indicator light has two wires connected to it – one from each of the turn signal bulbs. The indicator light ignites when either of the turn signals is activated by grounding through the filament on the opposite side bulb. LED bulbs draw so little current, however, that the stock indicator light wiring will cause all four turn signals to flash in unison instead of pointing in the direction you are going to turn. The wiring pig tales in the kit will take care of this problem using two diodes and a ground wire.

From underneath the dash, pull the turn indicator light bulb from the socket in the tachometer. Unplug the two wires attached to it and replug them into the spit ends of the Y shaped wiring pig tale (these are two diodes). Plug the other end of the Y shaped wiring pig tale into one of the prongs on the turn indicator bulb. Plug the spade connector from the ground pigtales (spade connector on one end and ring on the other) to the opposite side of the turn indicator bulb. Reinsert the turn indicator bulb holder into the socket on the back of the tachometer. Attach the ring on the ground wire to a suitable chassis ground. The steering shaft mounts or tying to other instrument ground wires will work well for that.



Optional LED Instrument Light Installation Instructions

- 1) Remove the light bulbs from the instruments one at a time. The speedometer and tachometer lights are in sockets on the back side near the top of the instruments. They can be reached from underneath the dash. The small gauge cluster can be pulled away from the dash slightly by removing the three securing screws. The bulb sockets are a press fit and should pull straight out of the instruments without twisting.**
- 2) The LED replacement bulbs are polarized, meaning they only light when plugged into the socket in a certain direction. Test each bulb after it is inserted into the socket by plugging the socket back into the instrument and turning the light switch to the park position. If the LED bulb does not light, turn the bulb 180 degrees and reinsert into the bulb holder.**