

Watson's DRIVE IT !

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Thank you for buying a StreetWorks product. Be confident that it will provide the quality and performance that you demand for your car. **Please read and understand all installation instructions before beginning.** Planning and preparation will make the actual installation process easy and quick.

NOTE: Our lights meet or exceed all requirements for brightness. However state and local laws vary regarding lens size and placement. It is *your* responsibility to assure that the lights are legally acceptable for use in your state and locale.

1. Determine the location for the units. The acrylic lenses will be able to accommodate about 1/4" of total curvature. It may be necessary to modify the surface in the area where the lenses are to be installed so as to accommodate a straighter surface. Do not expect or attempt to bend the acrylic lenses - they will break. Don't mount the units too low or they may be hard to see from behind. These Sequential LEDs should be installed horizontally **and remember** that LED taillights must point straight backwards, that is, horizontally as the vehicle sits level and, preferably, be reasonably close to eye level. Plan as you build so that any spacers or modifications to the sheet metal/fiberglass are done to achieve these end results.

2. Layout the lens slots. We recommend that you first have available (or make) a .500" wide block to use as a test gauge for the slot. **DO NOT** use the acrylic lens as a test gauge nor try to force the lens into place! Carefully layout and then drill/cut the slot opening for the lenses. Drill (2) .500" Diameter holes that are 14.750" apart center-to-center (15.250" total slot width). Then cutout the slot between the holes. **NOTE:** Standard drill bits do not always make a nice round hole! We recommend that you be conservative and hand work the holes up to the correct size. It is not life-and-death critical that the hole size not get too large, it can be fixed later, but the closer the size, the straighter the edges and the more carefully you do the holes the first time, the better the overall job will be. Properly sized, the lens will cleanly go into the slot with no friction. Remember that there will be a small amount of paint buildup on the edge before final installation.

3. Prepare for LED Housing attachment. We have included screws for use as studs for attaching the LED Housings. These should be welded, fiberglassed or epoxied into the body - **BE SURE** that they are absolutely secure. To best determine the stud location, temporarily tape a lens into the hole and then place the housing over the lens/diffuser. You will notice that the housing goes over the diffuser and "self-locates". Mark for, and install the studs. In many cases you may tape the lens **FROM THE OUTSIDE IN** to do the marking so that it will be easier to see and mark for the studs. If the LED's are going to be properly horizontal for best viewing, the studs will also be very close to horizontal. Double check all fit and alignment before proceeding.

4. Body work. The entire area around and including the lens hole should be worked to the exact contour you want for the finished surface. This will reduce the amount of work needed after the lens is installed. (**IMPORTANT TIP:** You want to get final color on the surface immediately around the holes **BEFORE** INSTALLING THE LENS to prevent subsequently sanding through to reveal filler or primer. You want the last sanding of the lens to leave the lens surface perfectly flush with **color paint.**)

5. Lens Installation. With steps #2, #3 and 4 above completed, permanently epoxy the lenses into place. Be very careful not to use too much or to get the epoxy in the way of subsequent housing installation. Try not to get epoxy between the lens and the edge of the hole where it will show. Do the bodywork to "flush" the lenses to the body as one unit - carefully block sanding so as not to work the acrylic lower than the surrounding surface. When getting "close" to smooth, shoot with color and wet sand back smooth. Repeat and again wet sand back smooth to reveal all of the lens. When complete, clear coat over the paint, lenses and all then finish sand/polish. (You may mask off the lenses before painting if you prefer although this leaves an "edge".) Repeated clear coats may be needed to buildup and smooth the area.

"Hot Slots" Sequential Flush Mount, Build- in LED Taillight Kit (pair) for vehicles with separate Turn Signal/Brake **#L72-SEQ**
\$325.00

- (2) High Bright 60 LED Taillight units split 30-10-10-10 with wire leads and hardware for mounting. 30 LED's are taillight/brake and the 10-10-10 sequence with the turn signal.
- (2) pre-shaped 1/4" thick red acrylic lenses with diffuser for build-in flush installation with large 1/2" x 15-1/4" size.
- Sequencing modules, taillight convertors and LED Flasher.

NOTE: This is a build-in kit requiring body working skills. For vehicles with turn signals that are separate from the brake lights. Additional resistors may be required for your application.

#L72-SEQ "Hot Slots" Sequential Flush Mount, Build-in LED Taillight Kit Instructions - continued

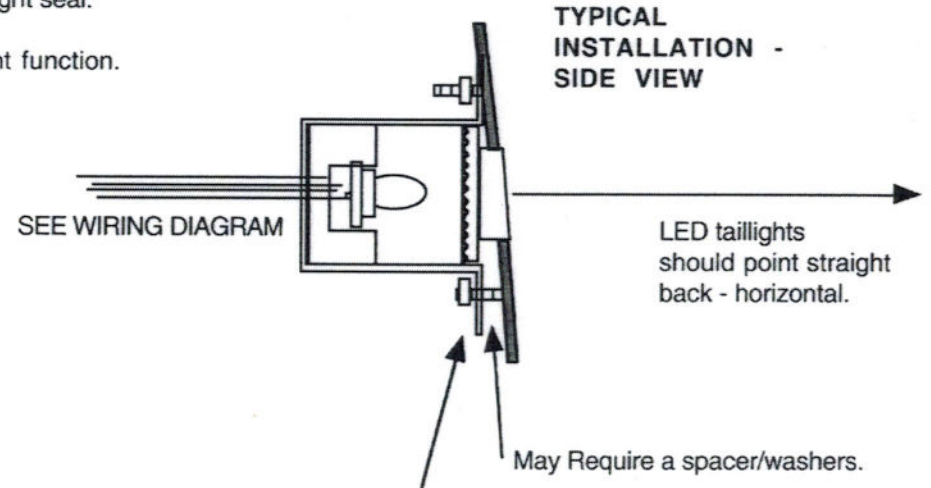
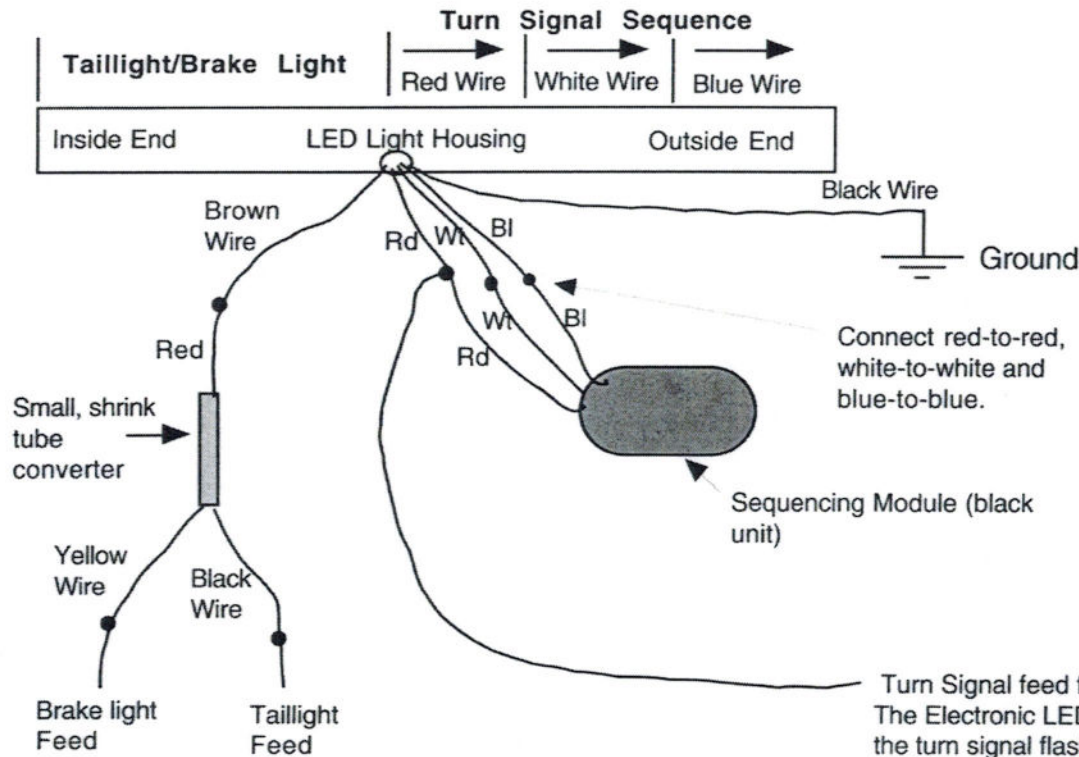
NOTE: This light kit is for vehicles that originally had turnsignals that were separate (often amber) from the brake lights.

6. **The LED Housings** are aluminum and should be primed/painted on the outside to prevent corrosion. Install using the hardware provided. **The BROWN wire feeds the INSIDE end of the light**. The outer end of the light is for the turnsignals and will sequence (red/white/blue wires) inside-out. A small amount of RTV or silicone chalk around the housing will be desirable to assure a watertight seal.

7. **Wire per the diagram below.** Then reconnect power and check the light function.

Wiring Diagram - one side shown, duplicate for other side.

Connect the brown wire from the light housing to +12 vdc and ground the black wire to determine which end of the LED Light Housing is the "Inside End".



As a last step, add RTV or Silicone caulk to fill around the edge of the opening for a water tight seal.

Please Note:

The entire LED housing **MUST BE** sealed tightly to prevent dirt and moisture for damaging LED's and voiding your warrantee.