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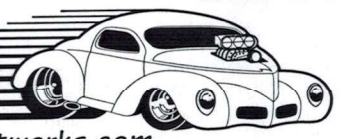

"Hot Slots" Flush Mount, Build- in LED Park Light Kit (pair), Clear Lens with 6 Amber LED's **#L89A**

- ❑ (2) High Bright LED Park Light units in aluminum housings, wire leads, mounting hardware.
- ❑ (2) preshaped 1/2" thick clear acrylic lenses with diffuser for build-in flush installation with 1/2" x 4-1/4" size.
- ❑ Wiring for dual intensity set up, if desired.

NOTE: This is a build-in kit requiring body working skills and is intended for vehicles that are under construction or modification. 11.16.10

Manufactured by Watson's StreetWorks Rod & Custom Products

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 acceptable for use in your state and local.

1. Determine the location for the units. The acrylic lenses will be able to accommodate about 1/2" 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. The LEDs can be installed either horizontally or vertically as your application determines **but remember** that LEDs must point straight out, that is, horizontally as the vehicle sits 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 4.00" apart center-to-center (4.25" 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 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.

5. Lens Installation. With steps #2, #3 and 4 above completed, shoot a heavy layer of color paint around the hole area. (**IMPORTANT TIP**: You want to get final color on the surface immediately around the acrylic lens AS SOON AS POSSIBLE 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.) Then 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. Do the bodywork to "flush" the lenses to the body as one unit - carefully block sand 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. Use color paint as your "filler". Repeat and again wet sand back smooth to reveal all of the lens. Finally, clear coat over the paint, lens and all then finish sand/polish. (You may mask off the lenses before painting if you prefer.) Repeated clear coats may be needed to buildup and smooth the area.

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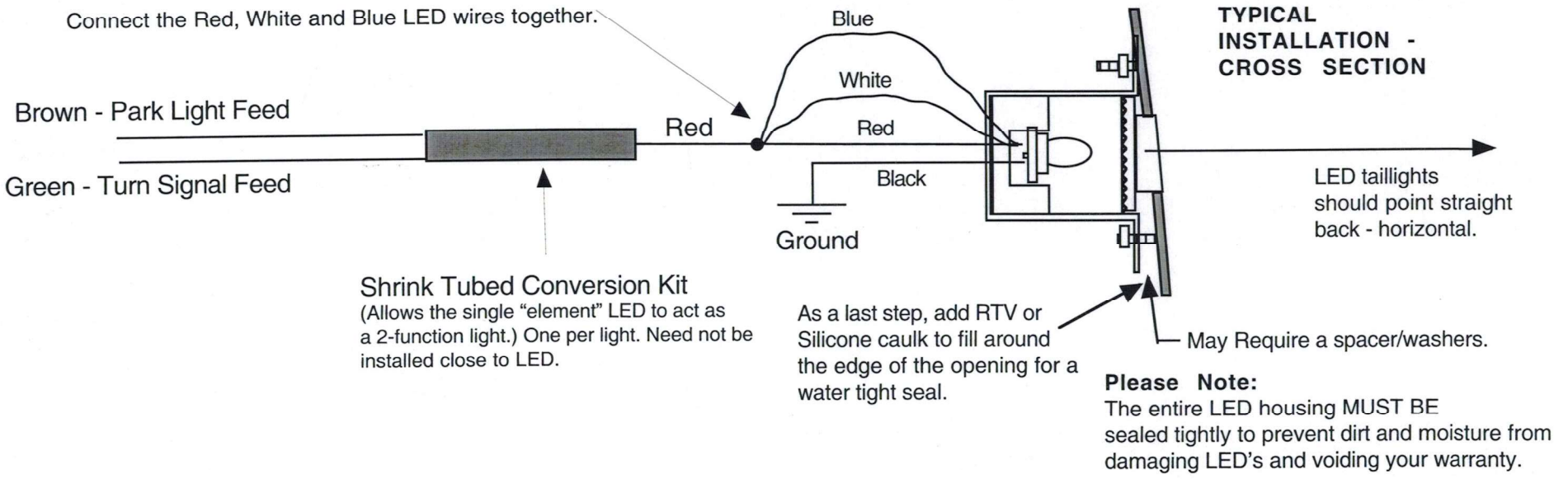
6. <u>The LED Housings</u> are aluminum and should be primed/painted on the outside to prevent corrosion. Install using the hardware provided. A small amount of RTV or silicone caulk may be desirable to assure a watertight seal.

7. <u>Because these lights are split 4--4--4 they are actually three lights in one and can be wired in many different ways dependent upon how you want the light to work</u>. Examine each of the different diagrams below and follow the one that best suits your need, then reconnect power and check the light function with the car running.

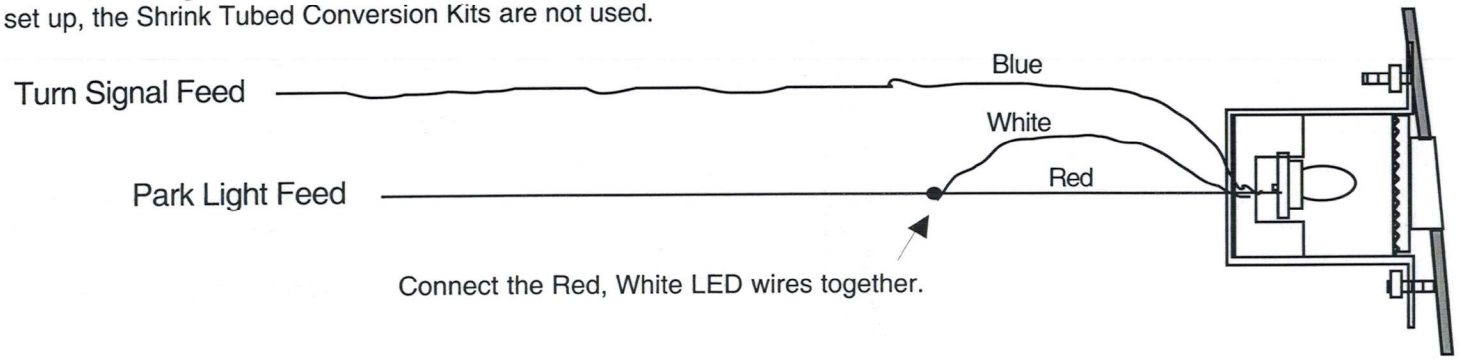
A. To have the entire light (all 12 LED's) act as both Park Light (diminished intensity)and Turn Signal (full intensity).



Please Note:
The entire LED housing MUST BE sealed tightly to prevent dirt and moisture from damaging LED's and voiding your warranty.

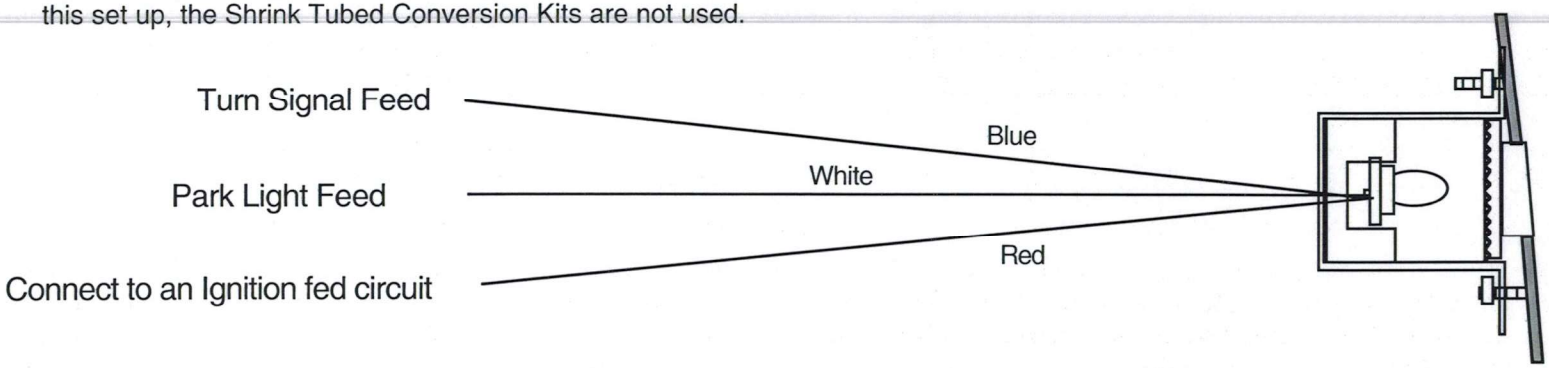
B. To have the two inner segments act as the Park Light (full intensity) and the outer segment act as the Turn Signal (also full intensity).

The Red wire feeds the segment closest to the wire end of the light assembly, White feeds the center segment and Blue feeds the segment farthest from the wires. For this set up, the Shrink Tubed Conversion Kits are not used.



C. To have the inner most segment come on as a Running Light (full intensity, on when the car is running), the second segment to come on as a Parking Light (full intensity) and the third segment to be the Turn Signal (full intensity).

The Red wire feeds the segment closest to the wire end of the light assembly, White feeds the center segment and Blue feeds the segment farthest from the wires. For this set up, the Shrink Tubed Conversion Kits are not used.



Alternate Flashing and Sequential Turn Signals:

Our #L89-AMB Light can also be set up to operate in the following ways. For each of these, **ADDITIONAL PARTS ARE REQUIRED** that are not included in this kit. For each of these we have listed the additional parts that you will need. Wiring instructions will be provided with the additional parts.

D. To have the inner 2 segments and the outer (1) segment flash alternately (back-and-forth with each turn signal flash) both at full intensity. This set up is similar to some new OEM vehicles with an alternate flashing turn signal/side marker.
Add our Part Number L90.

If you ALSO want the light (or part of the light) to be a lower intensity Park Light.
Add our Part Number L-JE03. You will need one of these for every segment that you want to be Park Light, either 1 or 2 PER LIGHT, or 2/4 total.

E. To have the three light segments come on Sequentially , inside-out, with each Turn Signal flash.
Add our Part Number L58-TSK **and** Electronic Flasher Part number AM-02R.

If you ALSO want the light to be a lower intensity Park Light.
Add our Part Number L-JE03. You will need one of these for every segment, that is, 3 PER LIGHT, or 6 total.