Watson's
StreetWorks 866.859.0513
4 Bud Way #3 Nashua NH 03063

"Hot Slots" Flush Mount, Build- in LED Taillight Kit (pair), Clear Lens, Red/Amber **#L58RACL**

- ❑ (2) High Bright LED Taillight units in aluminum housings, wire leads, mounting hardware. Each light is split 40 LED/12 LED for use on cars with separate Turn Signals (40 RED LED's = Brake/Taillight, 12 AMBER LED's = Turn Signal).
- ❑ (2) preshaped 1/4" thick clear acrylic lenses with diffuser for build-in flush installation with large 1/2" x 15-1/4" size.
- ❑ Works with LED or standard front signals.

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

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 1/4" 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. The LEDs can be installed either horizontally or vertically as your application determines **but 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 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, 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. Add filler around the lens as needed and carefully work it down to the final lens level. (**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.) 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. Repeat and again wet sand back smooth to reveal all of the lens. Finally, clear coat over the paint, lenses 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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