

# 12PC WHITE/AMBER STROBING LED ROCK LIGHT KIT

RLK12WA (P/N# 1007815)



Tech Support: (847) 327-0073 Ext. 3

## INSTALLATION INSTRUCTIONS

1. Take all the kit contents out of the box and lay them out for the job. Pre-test the system by connecting all of the rock light pods to the 2-PIN BNC round connectors. Connect the Positive+ and the Negative- wires to a 12-volt power supply, or to a car battery to test and ensure the kit operates as expected and has the functions your customers want. After testing, unhook all of the round BNC connectors and prepare for the full installation.

2. Lay out the kit and extend all the cables to the location you want to run on the ground under the vehicle. Make sure you have plenty of cables to run to your desired locations, and that the brain box will go exactly where you want it at the finish of the installation. If any area you desire to run the pods to is too short, you may need to plan on extending the cables during your installation.

3. Mark each wheel well where you are planning to mount each of the rock light pods and mark the hole behind each pod that you want to bring the wire cable through. Then, remove each of the wheel wells plastic and pre-drill the holes at the marks on the wheel well where you want the pods.

4. Once the drilling is completed, mount each rock light pod to the drilled locations using the supplied kit hardware, or bolts and nuts of choice. Make sure to run the cable through the plastic and pull the pod all the way until it is ready to sit flush on the plastic.

5. Run the power on/off switch exactly where you want on the vehicle's interior. If your vehicle has an up-fitter auxiliary switch or a multi-button control system, you may cut the switch off and bare the wires in the cable to hard-wire to the vehicle's setup.

6. Run the cable from the on/off switch to the brain control box and mount it in the best location possible on the vehicle. We always advise that the best mounting location for the brain controller is inside the vehicle's interior under the dash. If that is not possible, please mount it near the top of the engine location away from heavy moisture and dust. Make sure you leave room from your brain control box to the battery of the vehicle. If the brain controller box wiring for the battery does not reach, you may need to either relocate the box so it does or consider extending the power wire to the battery.

**NOTE: WE RECOMMEND THAT YOU REMOVE THE FUSE OUT OF THE FUSE HOLDER UNTIL THE FINAL STEPS.**





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7. Connect the positive + power wire to the battery to another + power line that is not a critical function of the vehicle. An example of a non-critical power source would be a cigarette lighting adapter. Then connect the black negative- wire to either the negative of the battery or another grounding negative-connection point. Again, make sure whatever source you tap into is not critical to the function of the car.
8. Next, run all of the supplied cables through the vehicle to the brain controller, and connect to the round BNC waterproof connectors. Make sure you do not run the cable on moving parts, suspensions, or anything that will put stress on the cables. Also, be careful NOT to pinch the cables as you run them or run them through sharp surfaces that will cut into the cable over time with the vehicle vibration. Use zip ties, loom, and any other cable management hardware to make your installation clean and safe.
9. Applying lithium grease to the outside of the BNC connectors is never a bad practice to keep the threads in good shape.
10. Re-install the fuse back into the fuse holder and test the final installation before putting anything back together. Make sure you have power from your source and hit the on/off switch several times to test that the power is solid and you can toggle between modes.
11. Once you feel everything is functioning correctly, begin to put everything back together on the vehicle and re-mount the wheel wells.
12. When the vehicle is buttoned up, test the kit one more time to make sure everything is running correctly and nothing was pinched when putting the vehicle back together over the wiring.

