

JK Frame Mount Rock Light

Installation Instructions

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Installation Time: 60-90 Minutes

Tools Needed: Wire snake or similar device, Wire strippers/crimpers, Electrical tape.

Contents: 2 Mid lights, 4 Wheel lights, 1 Drain plug light, 1 Front axle light, Drivers side harness "A", Passenger side harness "B", Engine compartment harness "C", & Zip-Ties

Note: Installation should be done when temperature is above 70°F, this will allow the rubber bushings to be more flexible. If the interior of the frame is dirty it is best to wash it out prior to installation.

Step 1: Starting on the driver's side. From under the vehicle locate the square hole in the frame just behind where the frame bends up towards the front axle (Fig 1) This is where the wiring from all lights will exit on this side. Now locate the round hole under the driver's door (Fig 2), the square hole just behind the rear wheel (Fig 4), and the oval hole just behind the front wheel (Fig 3). This is where the lights will be placed on both sides of the vehicle. Locate the drainplug in the rear jack compartment, this is where the final light will be installed (Fig 5).

Step 2: Remove stock jack and hardware. Remove stock drainplug. Insert drainplug light into jack compartment location. Wiring should run underneath the vehicle along rear frame rail. If equipped with tow package, route the wire

with tow wiring using zip ties. Route wire into drivers side frame rail (Fig 6). Pull drainplug wire out of “REAR” light location. (Fig 4)

Step 3: On driver side, insert your wire snake/tape or a similar device into the hole where “REAR” light goes (Fig 4). Push the snake/tape all the way until it is visible in the square hole where the wires exit under the vehicle (Fig 1). Attach the wiring of harness marked “A” to the wire snake using electrical tape. It is important to securely tape one plug forward and the other backwards, so they fit through the frame properly (Fig 7). Now pull the wire through frame until the plugs exit the “REAR” location. Repeat this step for the “FRONT” location (Fig 3).

Step 4: Once the harness is routed through the frame the lights can be installed. One of two lights marked “MID” fit within the hole under driver and passenger doors (Fig 2), using your fingers pull the harness plug out of the “MID” hole. Remaining 4 lights fit all wheel well locations. Plug each light securely into the harness. lights can now be installed into the appropriate holes. Any excess wire can be coiled in the frame. When installing mid frame location, push light in at an upward angle then work in the bottom section. Repeat steps 3 and 4 on the passenger side using “B” harness.

Step 5: Front Axle Light. Mounts above the front axle by attaching to metal frame tube beneath radiator (fig 8). First clip plastic band around the tube and position so screw holes are facing downwards. Using a Phillips screwdriver and supplied screws, attach light by threading one screw in halfway then starting the second screw. Once both are threaded, tighten until snug. DO NOT OVER TIGHTEN! Wire should be routed towards the right side of the vehicle and up into engine bay. Use supplied zip-ties to attach wire to the tube. The light will plug into the “C” harness.

Step 6: Once all wiring is run and lights installed, it is time to connect the harnesses. Route each harness up along the frame rail and into the engine bay. The “C” harness can now be connected to join the two harnesses together. This harness is reversible to accommodate a power connection on either the driver or passenger side.

Note: When routing the wire harnesses up into the engine bay be sure to route in a manner where the wire will not come in contact with the exhaust. We recommend routing behind existing shielded wire located above the exit hole on both sides (Fig 1). Once the wiring is all routed properly, connect the “C” harness to a switched, relay protected power source.



Figure 1



Figure 2



Figure 3



Figure 4

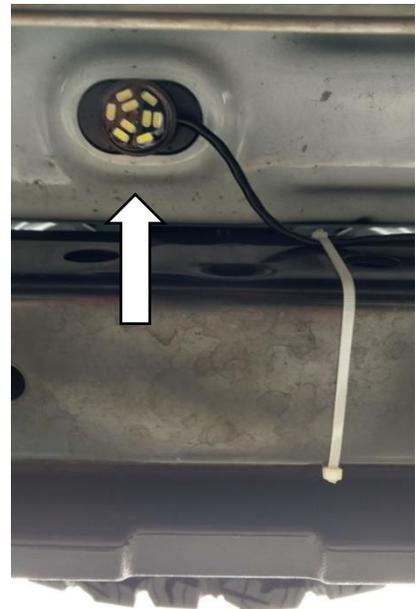


Figure 5



Figure 6



Figure 7



Figure 8