

# INSTALLATION INSTRUCTIONS

APPLICATION:

LED ROCK LIGHTS

2007-2018 Jeep Wrangler JK 2 Door & 4 Door PART NUMBER: 09-80005 (Jeep Frame Mount), 09-80015 (Jeep Bumper Mount

and Universal Truck Frame Mounting)

ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	4	ROCK LIGHTS	DRILL MOTOR
2	4	RUBBER ANGLE MOUNT	10MM WRENCH
3	4	RUBBER FLAT MOUNT	SCREWDRIVER
4	1	LIGHT HARNESS	11/64" DRILL BIT
5	8	PHILLIPS PAN HEAD SCREW #10	TRANSFER PUNCH
6	1	M6 HEX NUT	
7	1	M6 FLAT WASHER	
8	10	ZIP TIES	

ANTI-SEIZE LUBRICANT MUST BE USED ON ALL STAINLESS STEEL FASTENERS TO PREVENT THREAD DAMAGE AND GALLING



### PROCEDURE

- Remove contents from box, verify if all parts listed are present and free from damage. Carefully read and understand all instructions before attempting installation.
  Failure to identify damage before installation could lead to a rejection of any claim.
- 2. Note: The harness length for 09-80005 is designed to mount the lights on the middle portion of frame rails on Jeep Wrangler vehicles. The 09-80015 kit is intended to mount lights near the extreme corners of Jeep Wrangler vehicles such as in the bumpers. The 09-80015 kit may also be used for universal mounting on trucks and other vehicles.
- 3. **Frame Mounting:** Locate (1) Rock Light (Item 1) and (1) Angle or Flat Mount (Item 2 or 3) and assemble them. Align both items onto desired mounting location on the vehicle's frame. See **Figure 1**. Note: The rubber mounts have several wire passages that allow the wires to be routed as best suited for the desired location.
- 4. Use a transfer punch to mark the proper hole locations then drill pilot holes with an 11/64" drill bit.
- 5. Using (2) Phillips Pan Head Screws, screw them into the vehicle's frame to secure the rock light along with the angle or flat mount onto the vehicle. See Figure 2. *It is important to use thread lubricant to prevent the screws from galling.*
- 6. Repeat Steps 3 5 for the other (3) rock lights.





7. **Bumper Mounting**—Use the M4 hardware supplied with the Westin WJ2 bumper to mount the lights in the pre-existing holes in the bumper. When properly installed the lights should shine through the oval holes in the bumper. See **Figure 3**.





Use this stud on the firewall with the supplied M6 nut and washer to attach the relay and ground wire (Wrangler apps)



Use a stiff wire to pull the switch wiring through the firewall (Wrangler Driver Side shown)



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### WIRING INSTRUCTIONS

### WESTIN recommends using a professional for this installation.

- 1. **CAUTION:** Disconnect ground connection from battery (-) to avoid accidental short circuits before attempting to connect electrical wires. Refer to wiring diagram shown at the bottom of the page.
- 2. Secure the relay and grounding link by either drilling or using a pre-existing stud along the chassis. For Jeep Wrangler applications it is recommended to use one of the studs directly above the battery. To access the stud the plastic harness retainer should be carefully pulled back. See Figure 4.
- 3. Route the passenger side wiring harness light wires down along the factory harness near the edge of the battery. Route the driver side light wiring harness and switch wires along the factory harness that runs near the top of the firewall. **Note:** *Use zip ties as necessary to secure.*
- 4. Continue to run the wiring harness through/along the frame rails to the proper locations where the Rock Lights had been previously installed. Connect the Rock Light pig tails to the wiring harness and secure any excess slack in the harness using zip ties.
- 5. Run the switch harness through the firewall. For Jeep Wrangler apps it is recommended to pull it through the foam filled hole near where the cowl meets the fender on the driver side using stiff wire. Note: *The switch will need to be removed from the wiring harness so that the rest of the harness can be routed from the engine bay to the cabin.* To access the hole carefully pry off the plastic dash cover that is near the driver side door. See Figure 5.
- 6. Drill a 3/4" hole, file a small indexing notch and mount the switch in a convenient location. Reconnect the wires to the switch.
- 7. Re-connect battery terminals, attach the Red (+) wire to battery positive, and the black (-) wire to ground. Turn on the switch to make sure if the light works. If not, please check carefully if the wiring installation is correct.





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# WARNING

Failure to follow these instructions could lead to death, personal injury, and / or property damage.

### **FASTENERS:**

All Westin supplied fasteners must be utilized and installed in accordance with the installation instructions and apply torgue to the specifications as defined. DOUBLE CHECK ALL FASTENERS BEFORE INITIAL USE, AND PERIODICALLY IN THE FUTURE TO ENSURE PROPER FUNCTION AND SAFETY.

### DRILLING:

Most Westin products do not require drilling for installation. If drilling is defined as required, use caution when drilling a vehicle. FAILURE TO REVIEW AN AREA TO BE DRILLED MAY RESULT IN PERSONAL INJURY AND/OR INJURY TO OTHERS AS WELL AS VEHICLE DAMAGE.

### EYE PROTECTION:

ALWAYS WEAR SAFETY GLASSES OR GOGGLES DURING THE INSTALLATION PROCESS TO AVOID PERSONAL INJURY.

## MAXIMUM TOWING/CARRYING CAPACITY:

The Westin Receiver Hitches will have a visible tow rating label affixed directly on the product. User should never exceed the vehicle manufacturers maximum tow and weight rating regardless of the capacity of the hitch. FAILURE TO FOLLOW THESE GUIDELINES WILL VOID THE WESTIN WARRANTY AND MAY RESULT IN PERSONAL INJURY AND/OR INJURY TO OTHERS AS WELL AS VEHICLE DAMAGE.



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