

## 50-inch Curved LED Light Bar Upper Windshield Mounting Brackets Ford F-150 & Raptor

### Parts:

1 - 50" Curved, Black LED Light Bar  
1 - Wiring Harness w/ On/Off Switch  
1 - Driver Side Bracket  
1 - Passenger Side Bracket  
4 - 1" Allen Head Bolts  
4 - Compressable Nut Inserts

## PRE-INSTALLATION

**Professional installation by a certified technician is strongly recommended.**

*Not responsible for altered products. No claims are made regarding any after-market devices. Any and all claims implied in this document excluded.*

### REQUIRED TOOLS:

Socket Set	Allen Wrenchs	Drill	3/8" Drill Bit
Tape Measure	Masking Tape	Permanent Marker	Silicone

## INSTALLATION INSTRUCTIONS

**STEP 1:** Disconnect positive battery lead before installation.

**STEP 2:** Apply masking tape to painted surface so brackets will not scratch paint.

**STEP 3:** Install brackets on 50" light bar. Use hardware supplied with kit and hand tighten.

**STEP 4:** Position light bar and brackets in rain gutter toward windshield in desired location and mark mounting holes with marker or punch.

**STEP 5:** Make small pilot holes (5/64") at marked locations, then finish with 3/8" bit.

**STEP 6:** Assemble nut inserts. Thread a 3/8" nut and washer on 1" bolt, then thread bolt (with nut and washer) into nut insert. Place assembly into hole in door frame.

**STEP 7:** Hold nut in place with 9/16" wrench and tighten bolt with 1/2" wrench to compress insert and hold it in place.

**STEP 8:** Repeat for both nut inserts.

**STEP 9:** Place rubber spacer pad on bottom of bracket.

**STEP 10:** Hold bracket in place and line up mounting holes. Secure with included 5/16" button-head bolts. Use small amount of anti-seize on threads and tighten with 3/16" allen wrench.

**STEP 11:** Repeat steps on passenger side.

**STEP 12:** Place light bar assembly on roof and align brackets with mounting holes.

**STEP 13:** Insert mounting bolts from above and secure with washer and nut from inside vehicle.

**STEP 14:** Tighten all mounting hardware and light bar mount screws on each side.

**STEP 15:** Attach the red terminal to the Positive (+) side of the battery, or any 12DC source.

**STEP 16:** Secure the black terminal to a suitable ground, or the Negative (-) side of the battery.

**STEP 17:** Locate an appropriate location in the vehicle for the switch mounting.

**STEP 18:** Route the harness to the mounting location. Do not secure at this time. The wiring will be zip-tied after the lights are installed and adjusted to ensure the wiring can reach the lights.

**STEP 19:** After the lights are mounted, the wiring harness simply plugs into the light pigtail. Take care not to damage the wires.

**STEP 20:** Secure any part of the wiring harness away from hazards using zip ties.

**STEP 21:** Seal all holes and around wiring with silicone.

**STEP 22:** Reconnect positive battery lead.

## POST-INSTALLATION

**MAINTENANCE:** Periodically check to ensure that all fasteners are properly tightened.