

**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 Wrenches	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.