

Lightbar Installation Guide: Maxibar XB



WARNING

Refer to the applicable lightbar mounting guide when fitting your lightbar. Failure to do so is likely to result in the detachment of your lightbar causing vehicle damage, injury or even death.

Routing your lightbar cable(s)

When permanently mounting a lightbar you should drill a suitable sized hole in the roof of the vehicle. To ensure that you do not damage your headliner when drilling the roof, drop the headliner by about 6". You should fit the cable with a cable gland or grommet to avoid damaging the cable. Remember to de-burr the cable entry point on the vehicle to avoid accidental damage to the cable. You should use the correct silicone (available separately) to ensure that the hole(s) drilled for the cable(s) are weatherproofed sufficiently.

Assembling your XB lightbar to the mounting kit

- Turn the light bar assembly upside-down while protecting the top surface from scratches.
- Remove the 4 rubber bumpers from the mounting bracket feet. Loosen the mounting hardware on the mounting brackets.
- Cut one moulded head off each of the 4 rubber bumpers as shown in Figure 1.
- Drill a 7/32" diameter hole through the cut head of each bumper. See Figure 2.

Figure 1

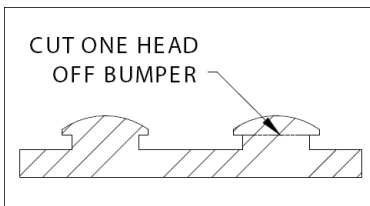
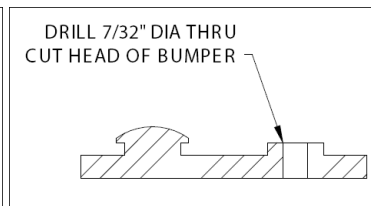


Figure 2



- Centre the lightbar on the vehicle roof, approximately over the driver's head. Adjust both mounting bracket assemblies so that the bracket feet rest near the edge of the roof or gutter where the roof is most rigid. Check to see that the light bar is still centred and the mounting brackets are equally spaced on each side of the vehicle. Tighten the four 5/16" screws on each bracket to hold the brackets in position on the lightbar.
- Using the holes in the mounting bracket feet as a guide, scribe 2 drill position marks for each bracket. Make sure the drill positions are located at the outboard (front and rear) hole positions on the mounting bracket feet.
- Move the light bar out of the way. Drill four suitable holes at the scribed drill marks. CAUTION: Make sure that holes are only drilled through the sheet metal, NOT through upholstery or wiring.
- Insert a toggle bolt in each of the four holes and slide a rubber bumper over each toggle bolt to hold it in place.
- Remove the light bar from the roof and lay it upside-down on a protected work surface. Cut the two whistle strip extrusions to the correct lengths. Press them into the mounting slots on the bottom of the main aluminium extrusion. NOTE: This is very important in order to reduce wind noise at high speeds.
- Reposition the light bar on the roof of the vehicle over each of the previously installed toggle bolts. Press the rubber bumpers into the mounting bracket feet.
- Install one flat washer and two jam nuts on the toggle bolt at each cut head on the rubber bumpers. Tighten lower jam nut to snug condition: no visible play of mount foot or rubber bumper. Lock lower jam nut with upper jam nut. NOTE: Two (2) jam nuts must be used in a double nut configuration on each toggle bolt to ensure safe installation of the light bar. See Figures 3 and 4.
- Saw off the toggle bolts above the jam nuts. See Figure 4. NOTE: It may be necessary to use cardboard or some other material to protect the bracket while sawing off the toggle bolts.
- Inspect the entire assembly to insure that all fasteners and brackets are tight.



ROOF SUPPORT

There may be a roof support member that spans the distance between the driver's side and the passenger's side. Do not drill through the member. Ensure that you adjust the cable route.



AIR BAGS

Many vehicles are now fitted with side and curtain air bags. Ensure that you do not drill and avoid accidentally triggering the devices during fitting.



WARNING

Customer supplied wires that connect to the positive terminal of the battery must be sized to supply at least 125% of the maximum operating current and fused at the battery to carry that load. Do not use circuit breakers with this product.



WARNING

Ensure that you **DO NOT** look directly at the high power XB LED modules as this is likely to result in permanent eye damage due to their light output. Consider wearing suitable eye protection.

Figure 3

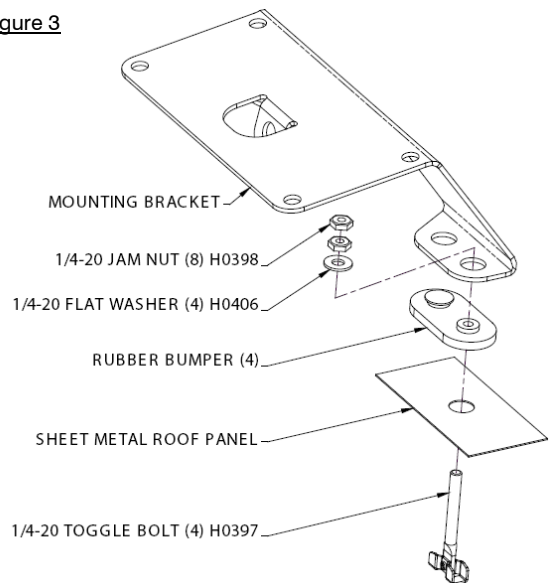


Figure 4

