



## The Ultimate Radar Support System

### POWER MOUNT PLUS MOUNTING INSTRUCTIONS

For 5" or 10" Aluminum LTB Models with Light bar and 7" base. **LTB universal light bar is an option and must be ordered in addition to the Power Mount.**

#### Tools and Parts Required:

- 4ea 5/16" Round Head Fasteners, long enough to fits through deck or arch + Fender Washers & Nuts
- Plywood backing plate if necessary
- 3M 5200 sealant/ adhesive
- Pliers
- 1 / 4" hex key

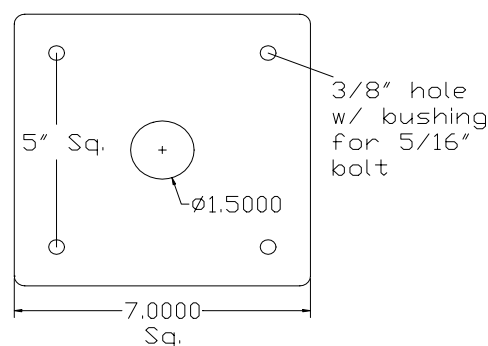
Base dimensions are 7" square with a 5" square 4 bolt pattern and 3/8" holes. The center hole is 1.5" for wiring.

#### Supplied Parts:

- **8-5/16" ID nylon shoulder washers supplied.**  
Use these bushings to isolate the 4 radome bolts and the 4 mounting bolts from the powder coated aluminum. Insert them from the same side as the bolts.
- **Foam gasket to be used under base plate.**
- **Grommet to seal radar cable entering the Power Tower.**
- **LTB Universal light bar (ordered separately)**
- **10-24 x 3/4" socket head screw, fiber washer and SS washer**
- **Q-lock (inside tube held with the 10-24 screw, fiber washer and SS washer)**
- **Delrin adapter for mounting all around light on light bar (comes with LTB)**



Mounting Base



### IMPORTANT INSTRUCTION STEPS

1. If you purchased the optional light bar you need to apply a generous amount of 3M 5200 adhesive inside the fitting in the strut and insert the light bar. Align the tube in the vertical position and carefully tighten the socket head screw. Check for alignment as you tighten the screw. (Refer to the 4 illustrated steps).
2. Run the cable from the radar control head up through the arch towards the dome. Do not remove the shrink wrap protector from the end of the cable. You can also string wire for your nav light up through base and into light bar tube pulling it out the top.
3. You should snake the wire up through the Power Mount and out of the back hole and rubber grommet **BEFORE** you install it on the arch and **BEFORE** you put the dome on the Power Mount. **Hint:** Use a string or bent wire inserted from the back hole to help pull the cable through the Power Mount.
4. After you pull enough radar cable to reach the terminal strip in the dome and the wire for the all nav light apply 3M 5200 compound to the base of the Power Mount and fasten it to the arch. Be sure to put the compound on and around the light bar, socket screw and cable hole in the top of the arch.
5. Fasten the dome to the top plate with the bolts supplied with the radar. After connecting the cable, adjust the length, leaving enough for a slight downward u-bend allowing water to drip off the cable.
6. Complete your wire crimping on the nav light. Feed excess down into the mount and drill and mount your nav light to the nylon donut that is supplied with LTB.



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**ATTENTION: The LTB universal light bar must be ordered in addition to the Power Mount. The Nav light is not included. You could use Perko, Hella, Aquasignal or Attwood brands.**