

ROUTE 145, WINTHROP ROAD
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Installation...

1. Remove the two screws that secure the dome to the base and remove the dome.
2. Looking down into the base, locate the three mounting holes on the bottom of the base. These holes will be covered by the decal that is affixed to the bottom of the base.

NOTE: If the RB6 is to be mounted on the vehicle as described in this procedure (permanent-style), this decal may be removed from the base and discarded. If the RB6 is to be mounted with either the optional magnetic mount kit or the optional mirror mount kit, do not remove this decal!

3. Secure the supplied drilling template (located on the back of this page) to the mounting surface in the precise mounting location selected for the RB6. Before proceeding any further, it is a good idea to visually confirm that there is nothing on or near the underside of the mounting surface that could be damaged by the drilling of the mounting holes. It is also advisable to drop the vehicle's headliner to prevent drill contact and inevitable damage to the headliner.
4. Drill a 9/64" hole into each of the mounting holes indicated on the template.
5. Drill a 1/4" wire passage hole through the center of the template. Be sure to install a properly sized grommet into this hole.
6. Position the supplied mounting gasket onto the mounting surface. Align the holes in the gasket with the holes drilled in the mounting surface.
7. Route the three wires from the center of the base through the grommeted, wire passage hole and into the vehicle. If the

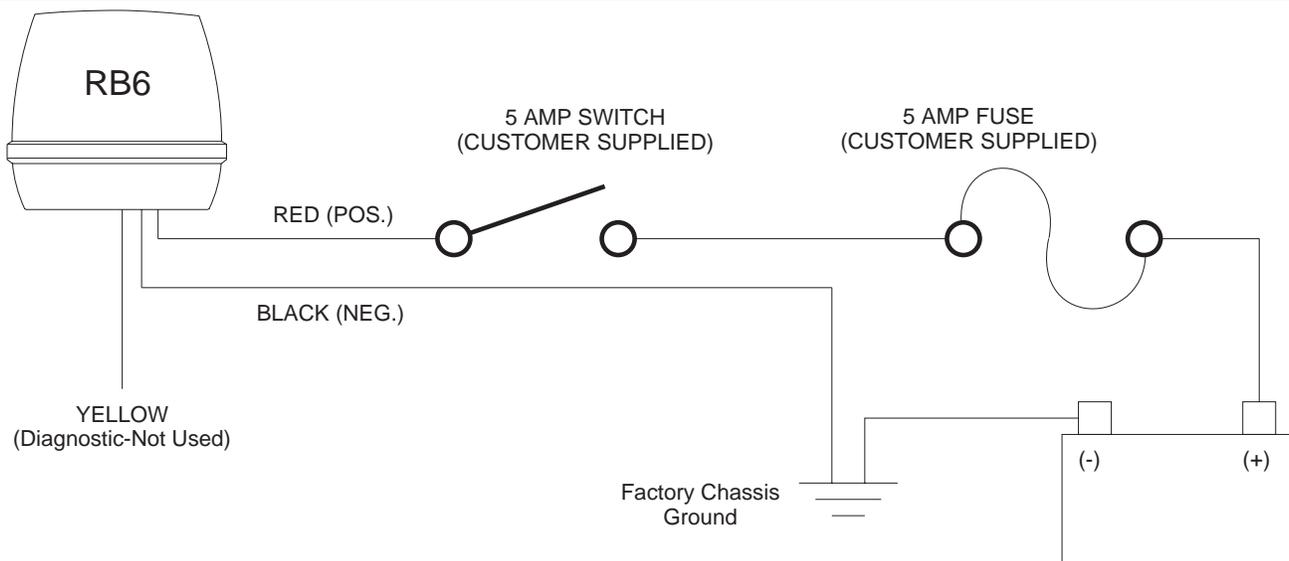
wires are difficult to pass through the grommet, spray a light coating of silicone onto the wires.

8. Using the supplied #10 x 5/8" sheet metal screws, secure the base to the vehicle. Be sure to tighten these screws firmly; do not overtighten.
9. From inside the vehicle, the RB6 wires must now be extended. Use the schematic below to assist you.

IMPORTANT WARNING! All 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!

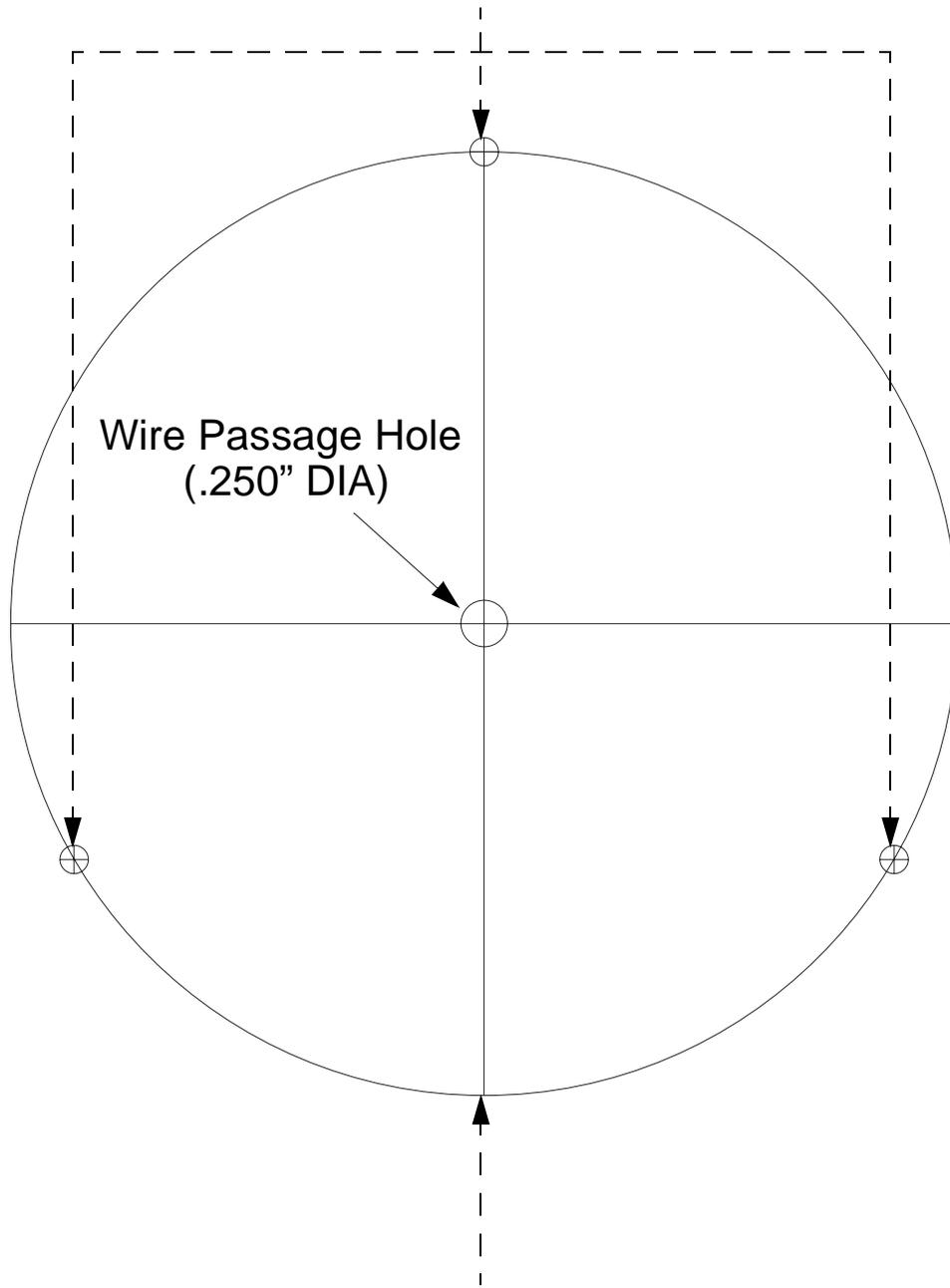
10. Mount a 5 amp switch (user supplied) within reach of the vehicle operator and extend the POSITIVE wire from the RB6 and connect it to the switch. Now extend a wire from the switch and, along with the NEGATIVE wire, route these wires towards the vehicle battery.
11. Install a 5 amp fuse on the end of the POSITIVE wire and extend a wire from the fuse to the battery. There can not be more than two feet of wire between the fuse and the battery. Connect this wire to the POSITIVE terminal on the battery and connect the end of the NEGATIVE wire to the vehicle chassis ground.
12. Turn the RB6 on and confirm proper operation. If the RB6 does not function, check the fuse and all connections. Remount the dome onto the base with the screws removed in step 1.

The outer surfaces of this product may be cleaned with mild soap and water. Use of any other chemicals may void product warranty. Do not use a pressure washer.



RB6 Drilling Template

Mounting Holes (.140" DIA. @ 120°)



Wire Passage Hole
(.250" DIA)

5" Bolt Circle