

**PLEASE READ
ALL INSTRUCTIONS PRIOR
TO INSTALLATION**

Basic Tools Required for Installation:

- 2-3/4" diameter hole saw
- Electric drill
- Phillips-head screwdriver
- Crimper/cutting tool
- Electrical tape

User Supplied Items Required for Installation:

- Stainless steel #8 Phillips pan head screws (2), 1" long, or as long as is needed for your deck material
- 5 Amp fuse and fuse holders
- Horn button rated for 5 Amps
- Red stranded and black stranded wire for positive and negative connections – see wiring chart for the required gauge based on the length of the run
- 1/4" female quick connect tabs (2)

Mounting Instructions:

1. Decide on the desired location of the horn. If this is a new installation, make sure there is access to run the wiring from the installation point to the power source and horn button. Also, make sure there is enough clearance behind the hull/deck surface to allow for the horn and wiring – a minimum of 1-1/2".

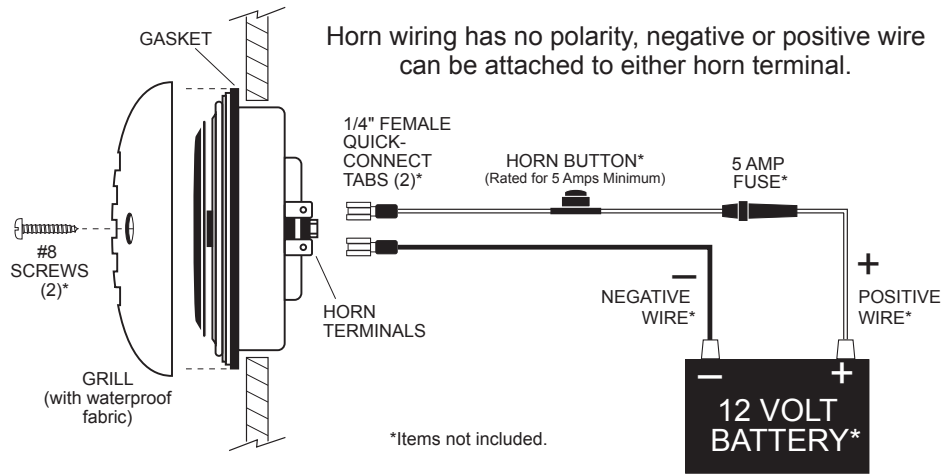
IMPORTANT: Make sure the chosen mounting location is as flat as possible, as mounting the horn on a surface with too much curvature will keep the horn gasket from seating properly and will keep the grill from locking into place.

2. Using the template below, locate the center of the 2-3/4" diameter hole and the pilot holes for the mounting screws and mark their locations.
3. Using the 2-3/4" hole saw, drill the horn mounting hole.
4. Drill the pilot holes for the #8 mounting screws.
5. See the Recommended Wiring Size chart to determine the gauge of wire needed based on the length of the wiring run. Install the wiring, fuse, and horn button, then pull the wires through the hull opening, leaving an extra 12" of wire to make the installation much easier. Cut the insulation off the ends of the wires, attach the 1/4" female quick connects, and crimp, covering the connections with electrical tape. Wire the horn as per the supplied diagram, noting that there is no polarity for an electric horn which means the negative and positive leads can be connected to either terminal.
6. Attach the chrome or white grill with waterproof fabric to the horn unit making sure it snaps firmly in place.
7. Insert the horn into opening from the outside and secure the horn and grill to the hull with the two #8 mounting screws.

Troubleshooting Tips:

If the horn does not produce sound or the sound volume is low, check the following:

1. See if the 5A fuse has blown, and replace if necessary.
2. Recheck the wiring to make sure everything is connected, and is connected properly. Make sure there is slack in the wiring connection to the horn that will allow the horn to vibrate properly. Make sure nothing is touching the horn unit which would keep the horn from vibrating and operating properly.



RECOMMENDED WIRE SIZES FOR 12 VOLT OPERATION (Wire Gauge Guide)

Wire Length*	Wire Size	Wire Length*	Wire Size
0-50 feet	16 AWG	0-15 meters	1.5 mm
51-80 feet	14 AWG	16-24 meters	1.9 mm
over 80 feet	12 AWG	over 24 meters	2.3 mm

AWG: American Wire Gauge

* As measured from the battery to the horn and back to the battery (round trip).

