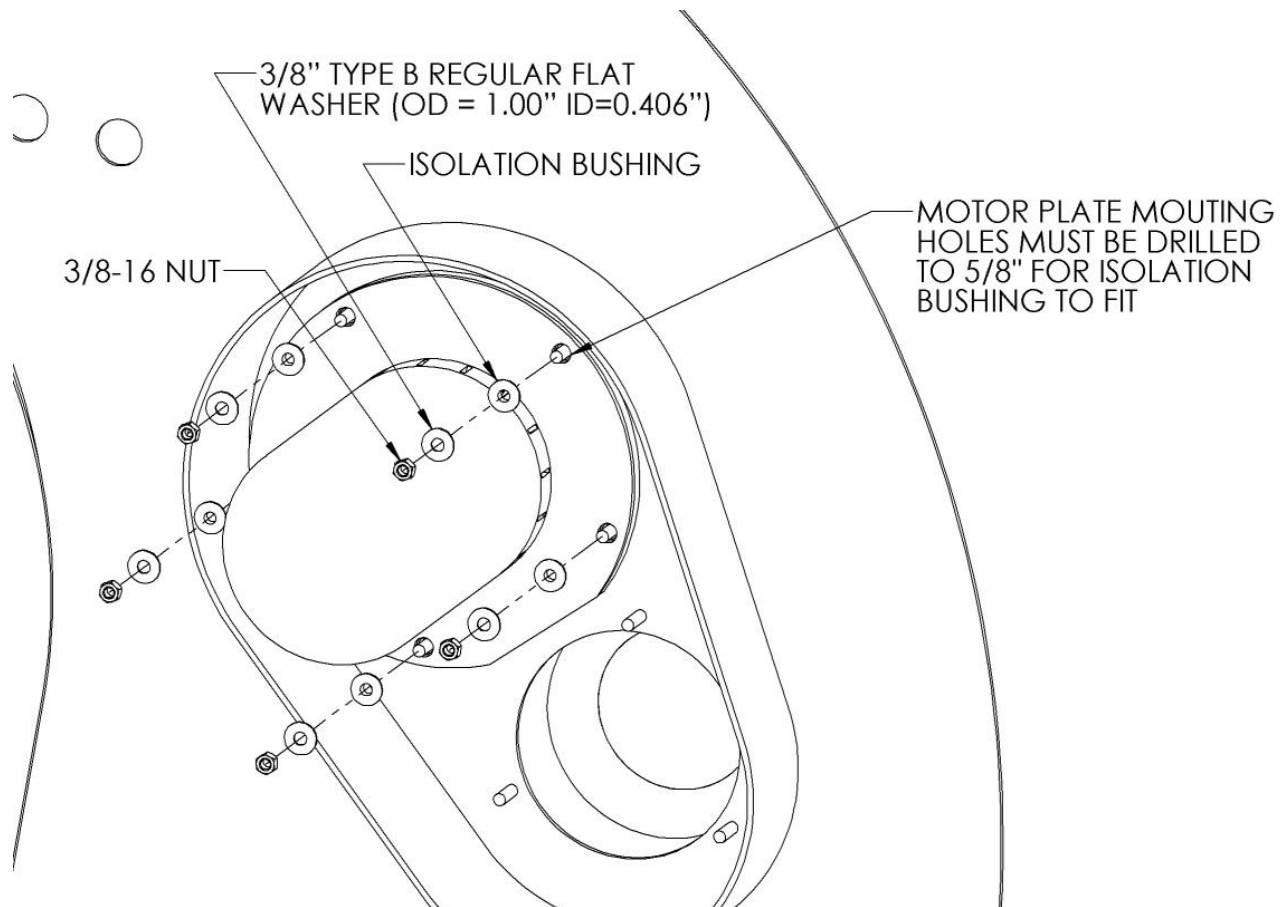


GARN® WHS: Installation Instructions for Blower Motor Electric Isolation Bushings



PURPOSE OF THE ISOLATION BUSHING:

The isolation bushings are designed to prevent undirected current from reaching the storage tank.

The blower motor's housing is electrically grounded through the motor power cord, and the motor's housing is also directly connected to the steel tank through the mounting studs. Electric current has the potential to find its way from the building's electrical panel through the motor housing and into the tank. As a result, undirected current is possible. Undirected current can increase the effect of galvanic corrosion or directly cause corrosion. Using the isolation bushings will eliminate the motor as a undirected current source and may help to extend the life of the steel tank. The isolation bushings are made from an electrically non-conductive, high-temperature Nylon plastic.

INSTALLATION:

Install the isolation bushings as shown above:

1. Remove the motor and blower assembly.
2. Drill out all of the motor plate mounting holes with a 5/8" drill bit.
3. Test fit all of the isolation bushing into the newly drilled holes. Ensure that they all fit. They will be loose, which is fine. The loose fit helps compensate for any dimensional tolerance in the stud spacing.
4. Test fit the plate with the bushings onto the studs (if the plate was removed in Step 1 or 2). If the assembly is hard to fit on the studs, evaluate and drill any problem holes out with the next larger drill bit.
5. Reinstall the motor assembly onto the studs.
6. Install the flat washers and nuts.