

Installation of the DICKY-john Air Pressure Sensor

The DICKY-john air pressure sensor is designed to give accurate pressure readings from inside seed/fertiliser bins. It has a maximum pressure reading of 10kpa.

Installation

The sensor itself must be mounted **inside** the seed/fertiliser bin. It should be attached to the bin wall using the 1/4" mounting bolt fixed to the rear of the sensor, and should be mounted high enough to be unobstructed from seed/fertiliser.

A second (11/16") hole must be drilled in the bin for the attached air hose to pass out through. This hose is vital to the sensor's correct operation, as it establishes the difference between the pressure inside the bin and outside the bin.

The rubber grommet on the air hose should fit snugly in the drilled hole. Once the air hose has been passed through and the clamp attached flush with the grommet on the outside of the bin to prevent it slipping inside, the excess hose may be removed. Be sure to leave approximately 1" overhang.

Lastly, a 3/4" hole must be drilled to allow the cable to be passed out. The cable has three single connectors on it, which should be passed through one at a time. Once all connectors are out, insert the rubber grommet into the hole to prevent the cable rubbing on the metal edges.

Inside Bin



Outside Bin

