

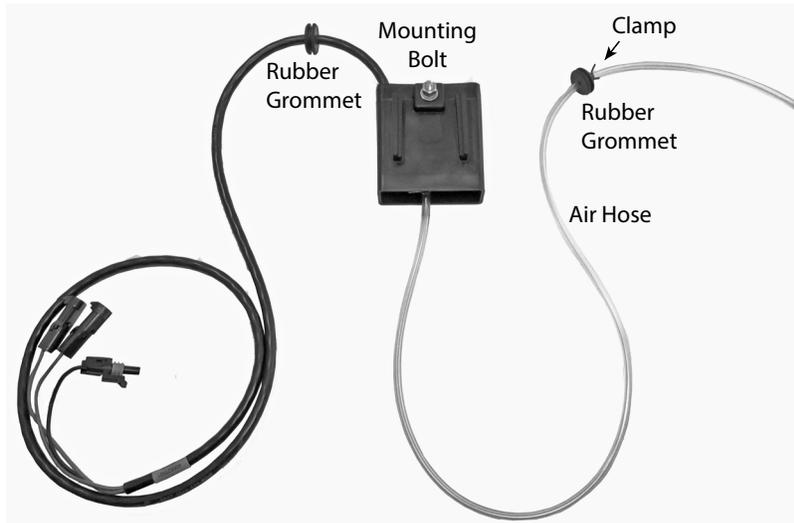
INSTALLATION INSTRUCTIONS



AIR PRESSURE SENSOR

DICKEY-john's Air Pressure Sensor provides pressure or vacuum readings when installed on seed or fertilizer bins.

- Voltage input 7-8 VDC
- Pressure range 0 - 23.2 oz/in²



PRESSURE APPLICATIONS

For applications using pressure, the sensor is installed on the inside of the bin.

1. Drill a hole at the desired location to secure sensor to bin wall.
 - Mount the sensor inside the bin high enough to avoid seed and fertilizer obstruction.
2. Place the 1/4" mounting bolt through the hole and secure from the outside of the bin using the washer and nut.
3. Drill a second 11/16" hole in the bin for the attached air hose to pass through to the outside of the bin.
 - This hose establishes the difference between the pressure inside the bin and outside the bin and is important for proper sensor operation.
4. Insert the air hose through the hole.
5. Push the rubber grommet on the air hose into the drilled hole.
6. Attach the clamp flush with the grommet on the outside of the bin to prevent the hose from slipping.
7. Remove excess hose leaving at least a 1" overhang.
8. Drill a 3/4" hole for the cable.
9. Insert the three single connectors through the hole one at a time.
10. Pull cable through and connect to harness.
11. Insert the rubber grommet into the hole to prevent the cable from rubbing on the metal edges.

VACUUM APPLICATIONS

For applications using vacuum, the sensor is installed on the outside of the bin.

1. Drill a hole at the desired location and secure sensor outside onto the bin wall.
2. Drill an 11/16" hole in the bin and insert the air hose through the hole to the inside of the bin.
3. Push the rubber grommet on the air hose into the drilled hole.
4. Attach the clamp flush with the grommet to prevent hose from slipping.
5. Remove excess hose leaving at least a 1" overhang.
6. Connect cable with 3 connectors to harness.

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