

INSTALLATION INSTRUCTIONS



VIGILENSE™ BLOCKAGE SENSOR



The Vigilense™ Blockage Sensor detects the flow of material and is designed for ease of installation across many seeding and material detection applications. The Vigilense can replace existing sensors that sense material detection via a drilled hole or a flow-thru style.

The sensor can be used with 32mm (1.25 inch) inner diameter hose.

- 32 mm (1.25") inner diameter

For new installations, lay harnessing on the implement to determine exact location to install sensor. Avoid pinch points in folding or moving parts and allow enough slack to retain harnessing.

To replace existing sensors that detect material flow via a drilled hole, i.e. Recon II:

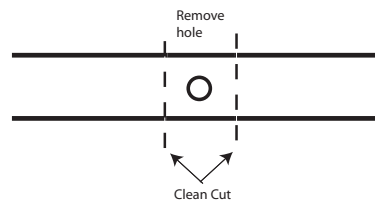
1. Remove existing sensor from hose.
2. Cut hose on each side of the drill hole.

NOTE: For flow-thru type sensors (Recon, High Rate Grain Drill), remove existing sensor from hose and skip to step 3.

IMPORTANT: Cut hose as clean and straight as possible for a tight fit against the sensor internal stops and to eliminate potential air leakage.

Figure 1

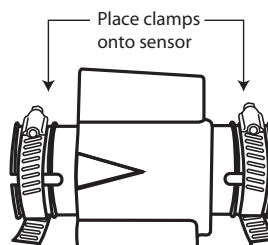
Remove Drill Hole from Hose



3. Place clamps onto sensor couplers.

Figure 2

Attach Clamps



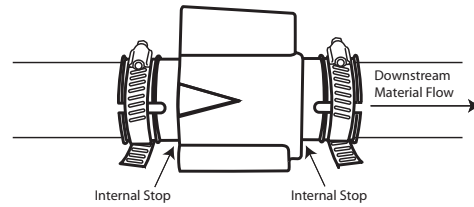
4. Position sensor so that the arrows on the sensor face the direction of the downstream material flow (Figure 3).
5. Push hoses into sensor flow openings until flush against the sensor internal stops (Figure 3).

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Figure 3

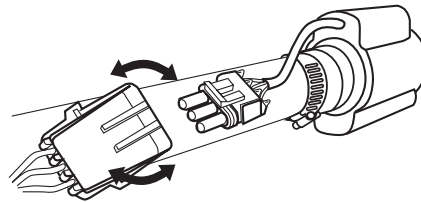
Sensor Direction



6. Tighten sensor clamps to secure to hose using a minimum torque of 24 in*lbs (2.7 N*m).
7. Connect sensor connector to harness.

Figure 4

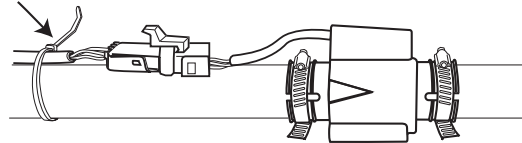
Attach Harness



8. Secure harness with a tie strap within 4" (12 cm) of the connector.
9. Trim tie bands.

Figure 5

Secure Harness



For assistance, contact Cambut Technical Support at 07 3391 8766.

Specifications subject to change without notice.