

Seed Brakes Installation Manual



AIRGUARD
SEEDING PRECISION

REQUIRED TOOLS

Be sure to have the following tools and parts available before you begin your initial installation.

- Hose Cutter or Strong Utility Knife
- Flat Head Screw Driver or Power Drill with Nut Driver
- Silicone Applicator Gun
- All-Weather Silicone (must be rain-ready and sun/freeze proof)
- Shop Towels
- 6" long piece of Air Seeder Hose
- Wind Meter (Not Included - Part Number 7400)
- Tape Measure

SUPPLIED PARTS:

- Seed Brakes
- Hose Clamps



STEP BY STEP INSTRUCTIONS



STEP 1

Choose a location on your drill to install the Seed Brakes. There are many places for installation, at the manifolds, or between the frame and the opener. If you install at the manifolds, note that sags in the hose or longer hose lengths may cause plugging issues with lower air speeds. For most drills, it is recommended placing the Seed Brakes 6"-12" above the opener. Ensure that the Seed Brake will not interfere with the trip mechanism or hit the bottom of the drill frame when the trip is engaged. See example of install locations on various drills above and on page 2.



STEP 2

Mark the hose and use your hose cutter to cut the seed tube at the desired location on every hose. Attach all of the Seed Brakes to every cut hose using the supplied hose clamps. Only attach the inlet side of the Seed Brake at this time.

STEP 3

Start the Tractor and turn on the fan. Set the air speed to roughly 90% of capacity. This will make it easier to balance the air flow on each Seed Brake in the following steps.



STEP 4

Choose a Seed Brake in the center of the drill and insert a 6" piece of hose to the exit port. Take the wind meter and measure the wind speed exiting the Seed Brake. Record the observed speed as this will be used to balance all of the other Seed Brakes.



STEP 5

Start measuring each Seed Brakes wind speed starting in the center of the drill and working your way out to the wings. If the wind speed is lower, remove some of the washers to increase the speed to match the recorded speed. Small Shim equals about 1 mph (1.6kph) speed, Medium Shim equals about 2 mph (3.2kph), and Large Shim equals about 4 mph (6.4 kph).



STEP 6

Once all of the Seed Brakes have been balanced proceed with installing the hoses on all of the exit ports. Next place a dab of silicone on each Seed Brake exit port and tighten every exhaust port.

WARNING: It is very important to silicone the threads before it is tightened to prevent the caps from vibrating off.

Congratulations! You are now ready to seed with the added protection of the AIRGUARD™ Seed Brake Technology

For more information or support on using AIRGUARD™ Products, visit our support page at <http://www.airguardproducts.com/Support/Seed-Brake-Support/>, or call 1-604-744-0070

Thank you for choosing AIRGUARD™.

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