

PART KIT INSTALL INSTRUCTIONS

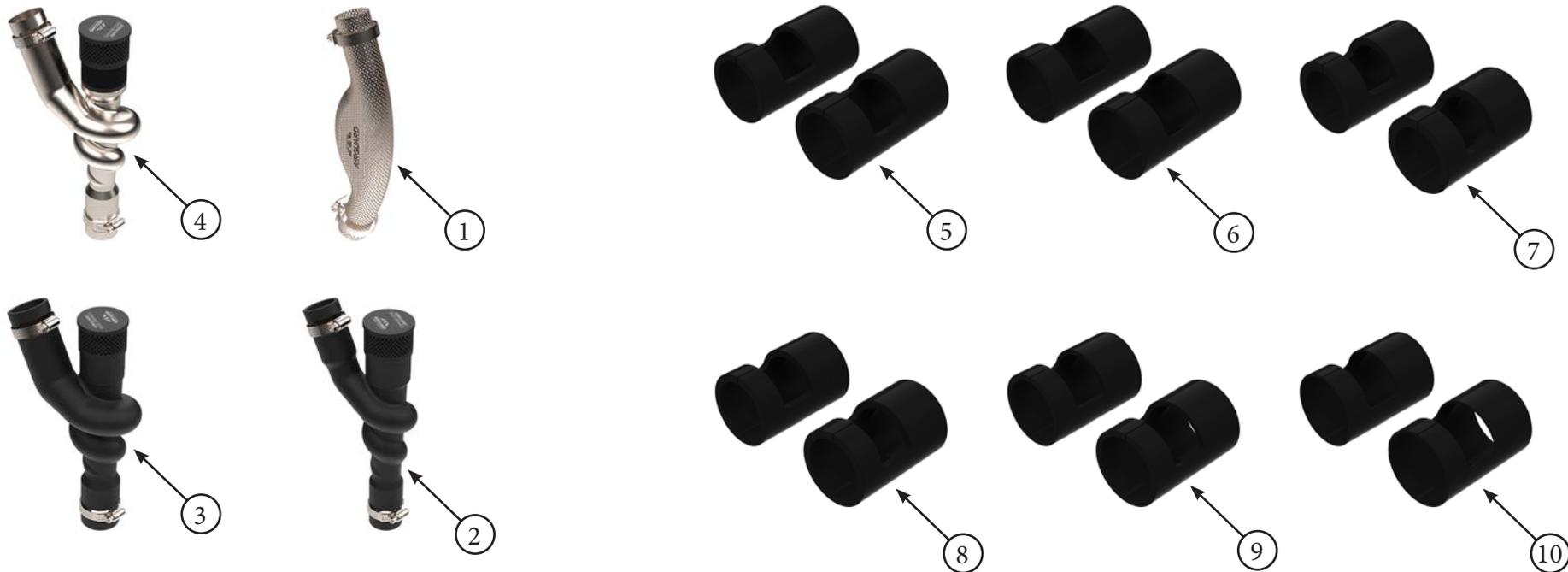
SEED BRAKES

Part Kit #VARIES - Rev 1.0 - AIRGUARD - Seed Brakes

Release Date: 2023-03-01



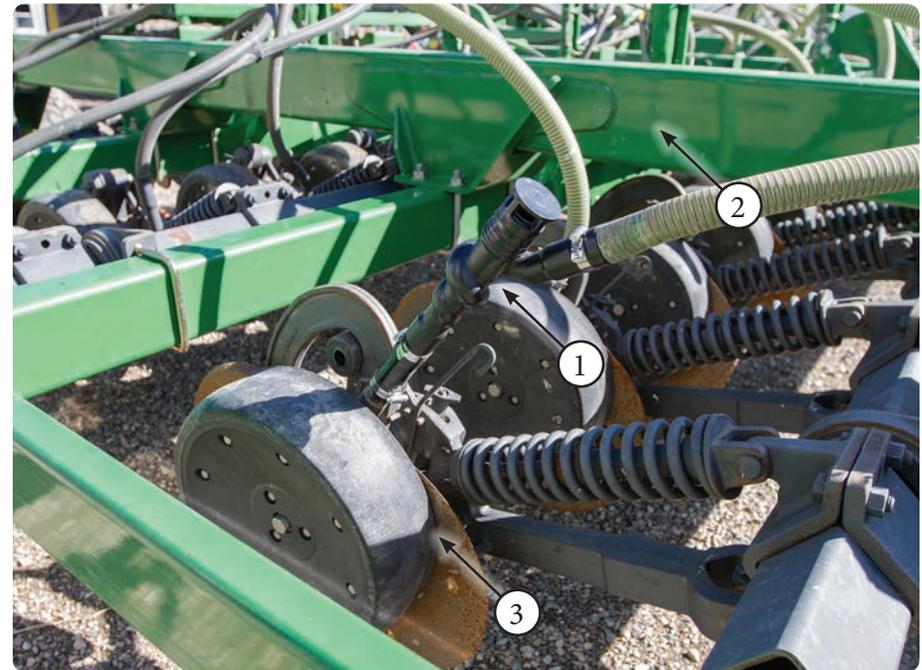
Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	1. All models and adapter kits are shown below. Model 7350 is recommended for larger seeds only and is not adjustable. Model 7330 is recommended for smaller seeds only. Model 7340 is recommended for large and small seeds. Model 7360 is recommended for large and small seeds and/or Fertilizer. Adapter kits are available for every size of air seeder hose. Measure outside diameter of hose to determine which adapter is required.	REV #	1.0
		PART KIT #	Varies



PARTS LIST		
Item	Part #	Description
1	7350	Full Exhaust Seed Brake - 1-1/4" OD Hose - Stainless - Large Seeds
2	7330	Seed Brake - 1-1/4" OD Hose - Small Seeds
3	7340	Seed Brake - 1-1/2" & 38mm OD Hose - Large and Small Seeds
4	7360	Seed Brake - 1-1/2" & 38mm OD Hose - Stainless - Large and Small Seeds and/or Fertilizer
5	7394	7330/7350 Adapter - 1" (25mm) OD Hose

PARTS LIST		
Item	Part #	Description
6	7346	7330/7350 Adapter - 1 1/8" (29mm) OD Hose
7	7375	7340/7360 Adapter - 1 1/8" (29mm) OD Hose
8	7388	7340/7360 Adapter - 1 3/16" (30mm) OD Hose
9	7344	7340/7360 Adapter - 1 1/4" (32mm) OD Hose
10	7392	7340/7360 Adapter - 1 7/16" (36mm) OD Hose

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	2. 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. If the brake has to be placed further up the hose, for proper clearance, ensure there are no dips on the hose after the brake. See step 3 for examples of different install locations on air seeder shanks.	REV #	1.0
		PART KIT #	Varies



PARTS LIST		
Item	Part #	Description
1	--	Seed Brake
2	--	Drill Frame

PARTS LIST		
Item	Part #	Description
2	--	Trip Mechanism

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	3. Examples of Seed Brake installation locations on various Air Seeder trip mechanisms.	REV #	1.0
		PART KIT #	Varies



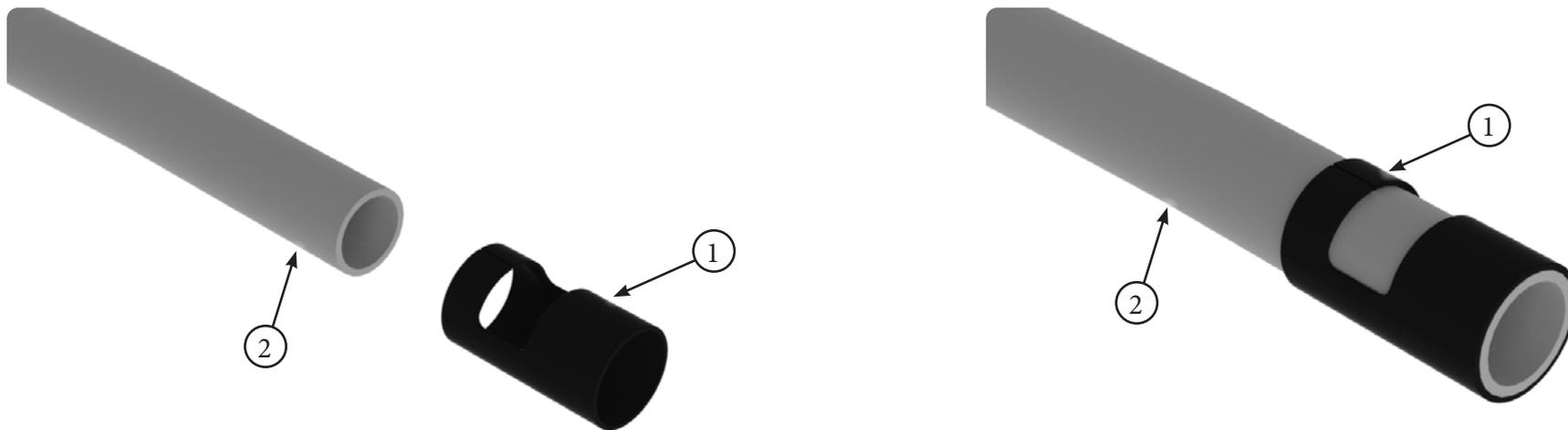
Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	4. Mark the hose (Item 1) and use your hose cutter (Item 2) to cut the seed tube at the desired location on every hose.	REV #	1.0
		PART KIT #	Varies



PARTS LIST		
Item	Part #	Description
1	--	Hose

PARTS LIST		
Item	Part #	Description
2	--	Hose Cutter

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	5. If Adapters are required, slide the adapter (Item 1) onto end of the hose (Item 2) that was cut. Long end of adapter should line up with the end of the hose to align with seed brake properly.	REV #	1.0
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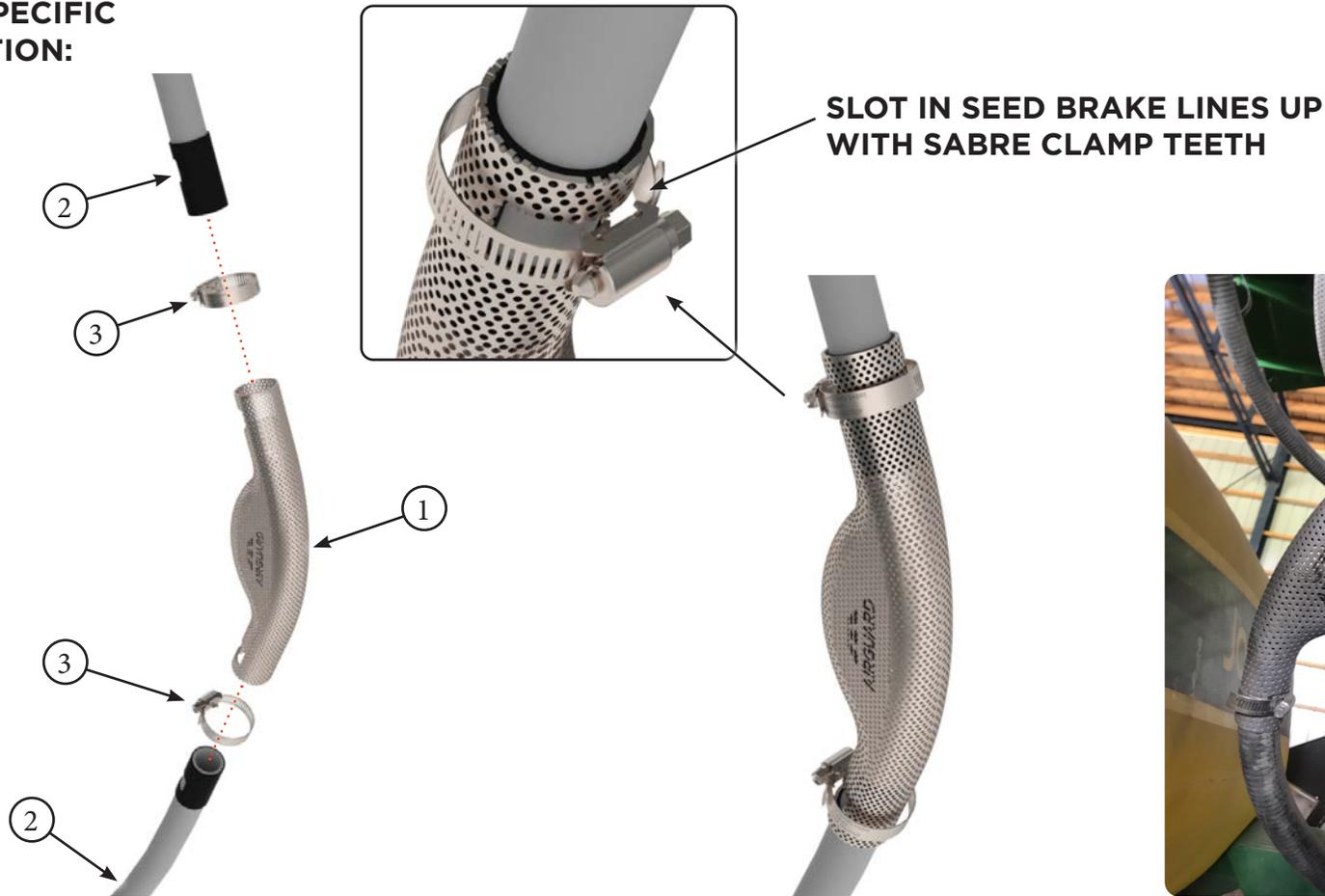


PARTS LIST		
Item	Part #	Description
1	--	Seed Brake Adaper

PARTS LIST		
Item	Part #	Description
2	--	Air Seeder Hose

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	6. For 7350 Full Exhaust seed brakes, Attach all of the seed brakes (Item 1) to every cut hose (Item 2) using the supplied sabre clamps (Item 3). Sabre Clamp teeth must be inside the slot in the seed brake to grip the hose properly.	REV #	1.0
		PART KIT #	Varies

**MODEL SPECIFIC CONNECTION:
Kit# 7350**

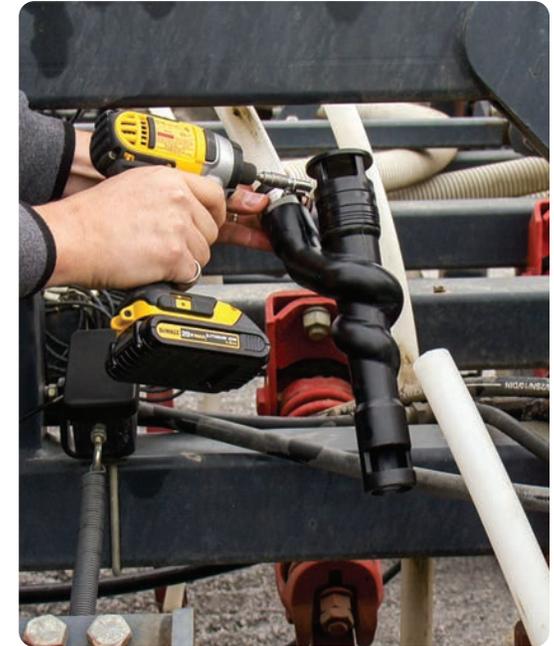
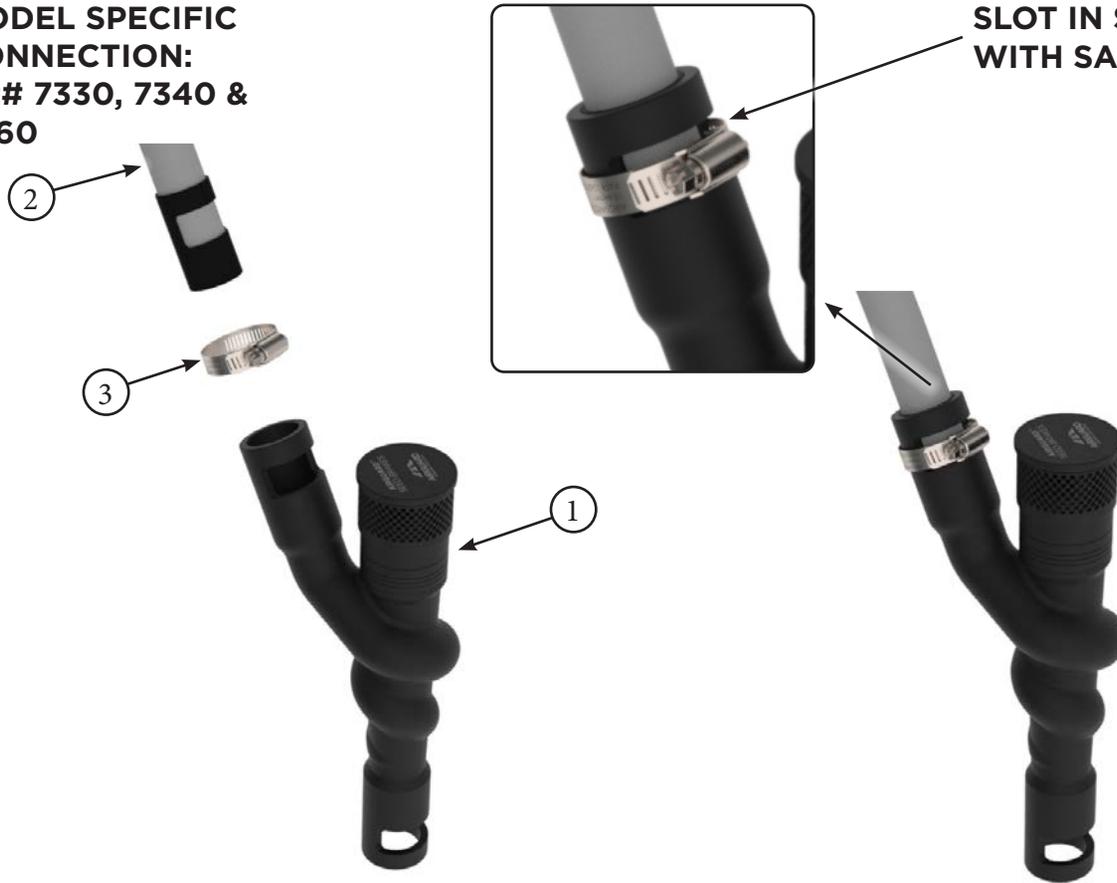


PARTS LIST		
Item	Part #	Description
1	7350	Full Exhaust Seed Brake - 1-1/4" OD Hose - Stainless - Large Seeds
2	--	Air Seeder Hose

PARTS LIST		
Item	Part #	Description
3	8010	Airguard Sabre Clamp - 19-44mm - SS - #20

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	7. For 7330, 7340 & 7360 adjustable seed brakes, start the tractor and let it warm up while performing this step. Attach all of the seed brakes (Item 1) to every cut hose (Item 2) using the supplied sabre clamps (Item 3). Only attach the inlet side of the seed brakes at this time. Sabre Clamp teeth must be inside the slot in the seed brake to grip the hose properly.	REV #	1.0
		PART KIT #	Varies

**MODEL SPECIFIC CONNECTION:
Kit# 7330, 7340 & 7360**



PARTS LIST		
Item	Part #	Description
1	7330/7340/7360	Adjustable Seed Brake
2	--	Air Seeder Hose

PARTS LIST		
Item	Part #	Description
3	8010	Airguard Sabre Clamp - 19-44mm - SS - #20

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	<p>8. Turn on the fan at the tractor. Set the air speed to the highest RPM used for seeding (4500RPM is a good starting point). This will make it easier to balance the air flow on each seed brake in the following steps.</p> <p>Calibration of seed brakes is only done when installing for the first time as per steps 9 & 10 (Page 10 & 11). Once these steps are completed all air flow adjustments are made using the fan speed as per normal operation. It is recommended to keep the fan RPM as low as possible without plugging the hoses with product. A good starting point is to be 5-10% higher than factory recommended fan speeds to ensure that plugging is not an issue. If fan speed is too high, seed placement may be comprimized and lighter seeds may enter the exhaust stream of the seed brake.</p>	REV #	1.0
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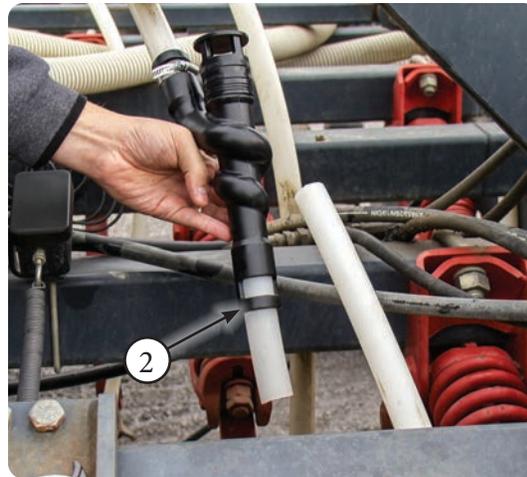
**MODEL SPECIFIC CONNECTION:
Kit# 7330, 7340 & 7360**



Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	9. Choose a Seed Brake in the center of the drill or where the airflow is strongest and insert a 6” piece of hose (Item 1) to the exit port of the seed brake (Item 2). Take the wind meter (Item 3) and measure the wind speed exiting the Seed Brake. Record the observed target speed as this will be used to balance all of the other Seed Brakes.	REV #	1.0
		PART KIT #	Varies

**MODEL SPECIFIC CONNECTION:
Kit# 7330, 7340 & 7360**

MEASUREMENT TO BE TAKEN ON SEED BRAKE IN CENTER OF DRILL

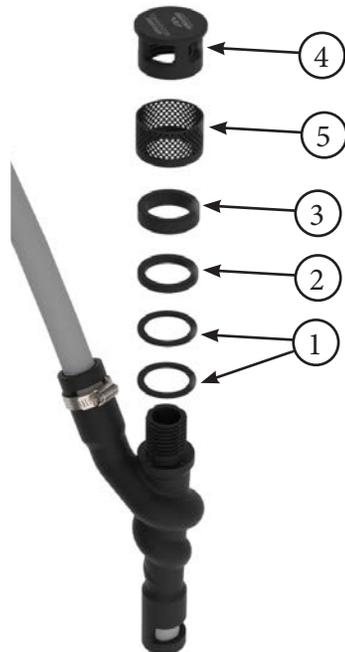


PARTS LIST		
Item	Part #	Description
1	--	6” Piece of Hose
2	--	Seed Brake Exit Port

PARTS LIST		
Item	Part #	Description
3	7400	Wind Meter

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	10. Start measuring each Seed Brake exit port using the 6" piece of hose. If the wind speed is lower, remove some of the washers to increase the speed to match the recorded target. Small Shim (Item 1) equals 1 mph* , Medium Shim (Item 2) equals 2 mph* , and Large Shim (Item 3) equals 4 mph* . (*approximately). Screw cap (Item 4) down and measure air speed after washers have been removed to ensure air speed matches initial seed brake measurement. Optional mesh screen (Item 5) slides onto cap (Item 4). They are only required if you have blockage monitors to ensure that seeds don't keep flowing when a block occurs.	REV #	1.0
		PART KIT #	Varies

MODEL SPECIFIC CONNECTION:
Kit# 7330, 7340 & 7360



Example installation measurements:

- Initial Center Seed Brake Speed: 20mph
- Seed Brake 1 - measures 20mph (keep all washers on)
- Seed Brake 2 - measures 19mph (remove 1 small washer)
- Seed Brake 3 - measures 18mph (remove 1 medium washer)
- Seed Brake 4 - measures 16mph (remove 1 large washer)

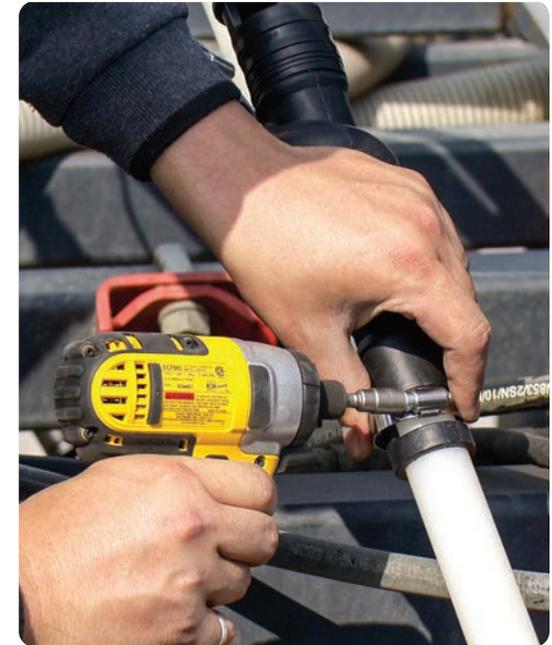
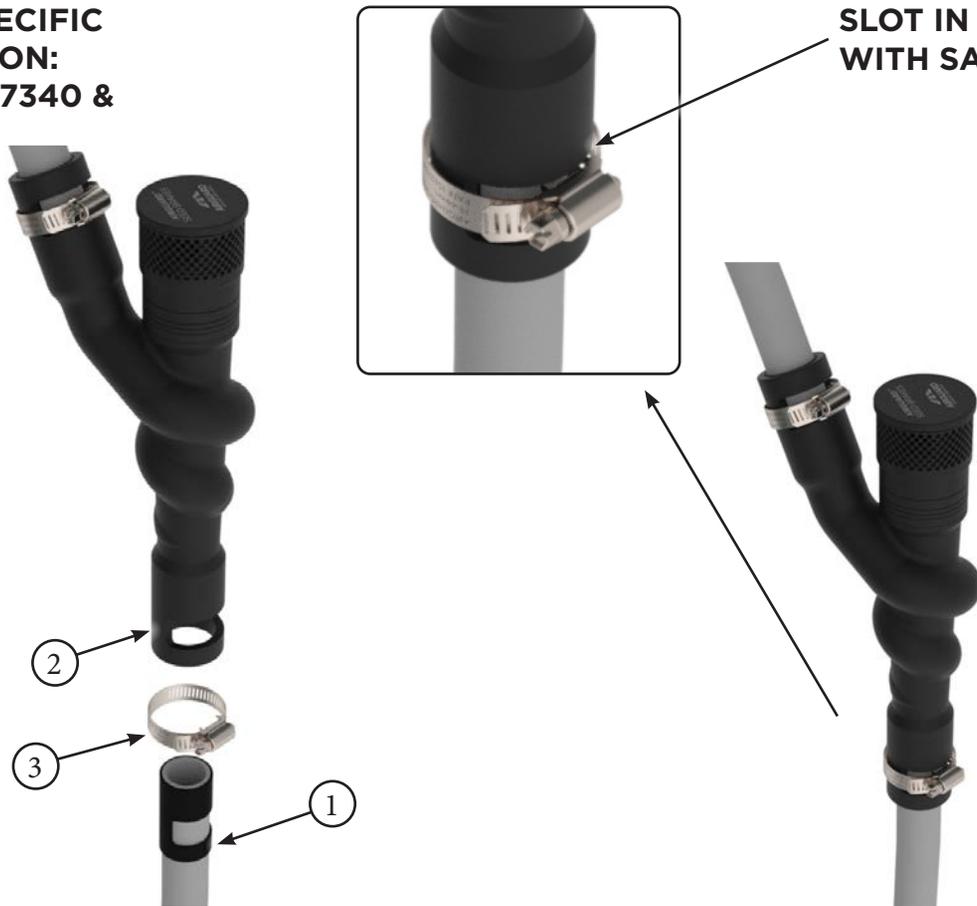


PARTS LIST		
Item	Part #	Description
1	7335	Seed Brake - 1/8" Washer (1mph wind speed)
2	7334	Seed Brake - 1/4" Washer (2mph wind speed)
3	7333	Seed Brake - 1/2" Washer (4mph wind speed)

PARTS LIST		
Item	Part #	Description
4	7332	Seed Brake Screw Cap
5	7357	Exhaust Port Mesh Screen (For Blockage Monitors)

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	11. Attach all of the hoses (Item 1) to the exit ports of the seed brakes (Item 2) using the supplied sabre clamps (Item 3). Sabre Clamp teeth must be inside the slot in the seed brake to grip the hose properly.	REV #	1.0
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**MODEL SPECIFIC CONNECTION:
Kit# 7330, 7340 & 7360**

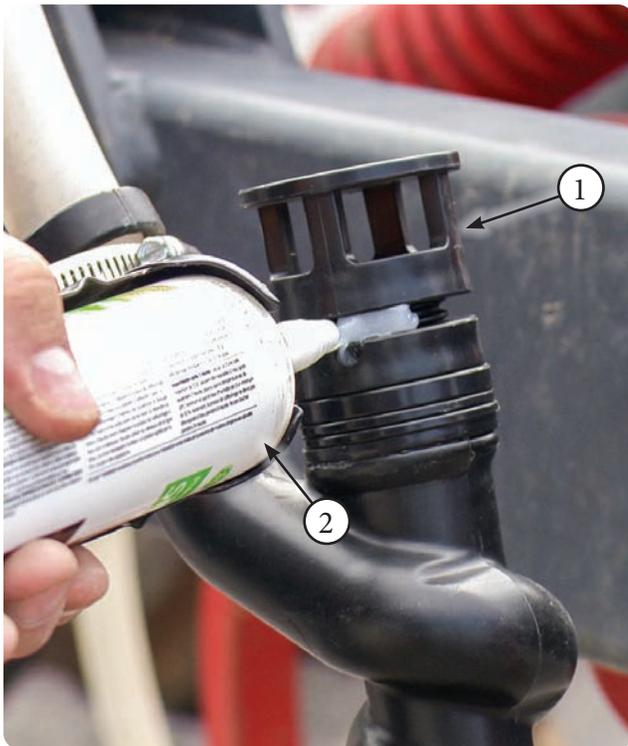


PARTS LIST		
Item	Part #	Description
1	7330/7340/7360	Adjustable Seed Brake
2	--	Air Seeder Hose

PARTS LIST		
Item	Part #	Description
3	8010	Airguard Sabre Clamp - 19-44mm - SS - #20

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	12. Loosen cap (Item 1) from each seed brake and place a dab of silicon on the threads. Tighten cap on the threads. This prevents the caps from loosening due to vibration during operation on the air drill.	REV #	1.0
		PART KIT #	Varies

**MODEL SPECIFIC CONNECTION:
Kit# 7330, 7340 & 7360**



PARTS LIST		
Item	Part #	Description
1	7332	Seed Brake Screw Cap

PARTS LIST		
Item	Part #	Description
2	--	Silicone