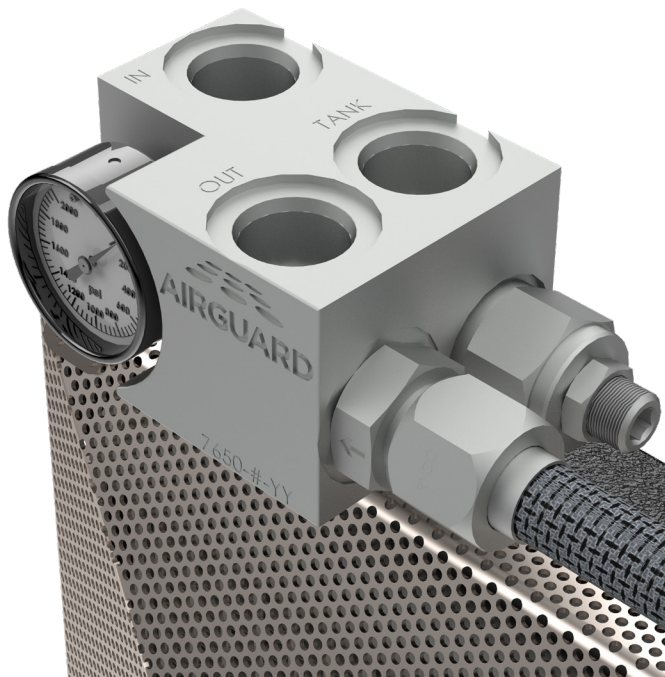


# BLOCKAGE PREVENTION SYSTEM V1 to V2 CONVERSION INSTRUCTIONS

Release Date: 2024-04-11

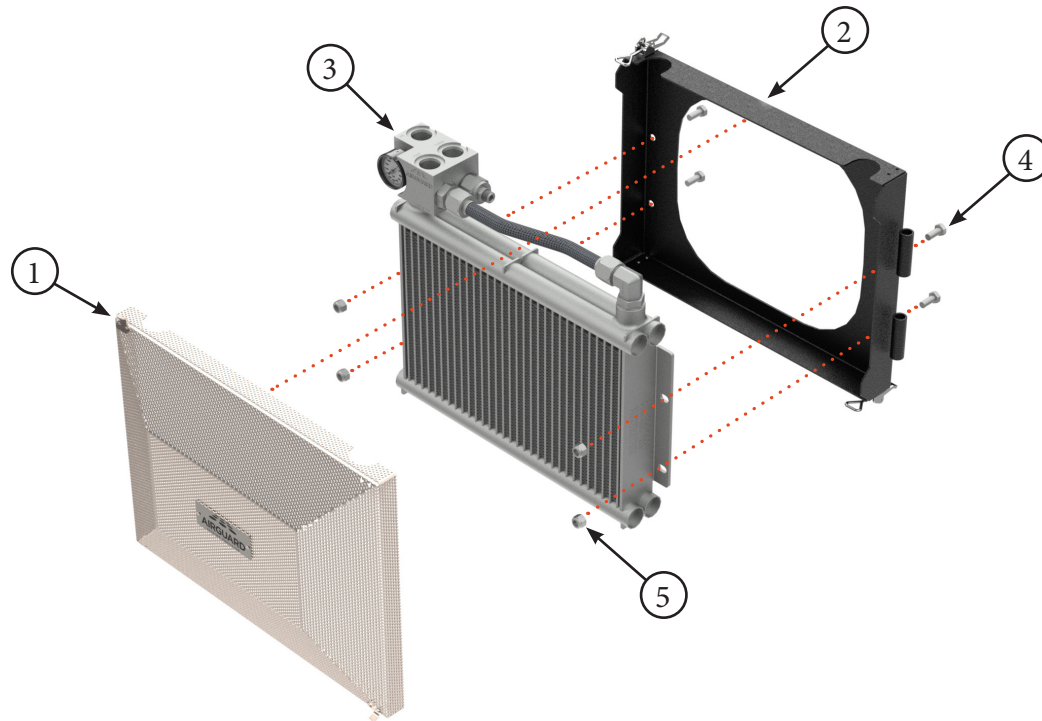


**V1**



**V2**

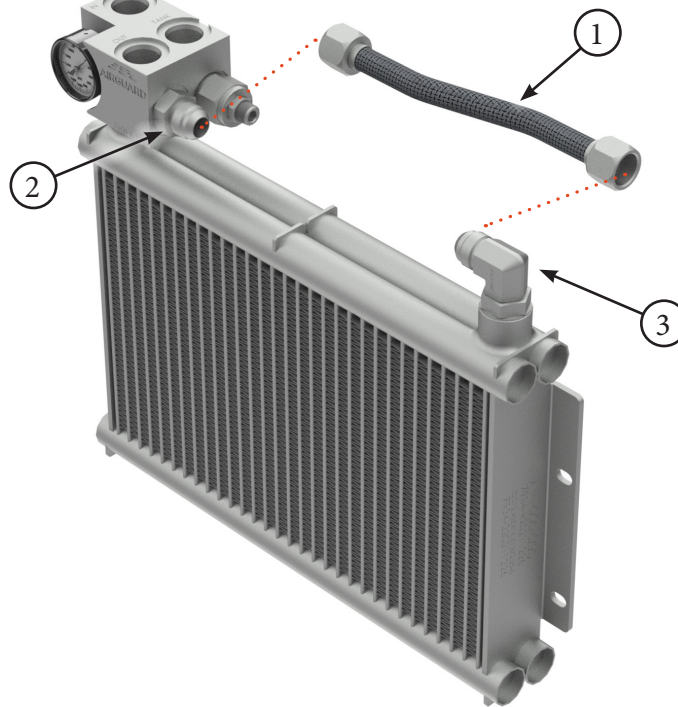
<b>Title</b>	V1 to V2 Conversion Instructions	<b>RELEASE DATE</b>	2024-04-11
<b>STEP</b>	1. Unlatch and remove screen (Item 1) from BP System Bracket (Item 2). Unbolt Oil Cooler/Radiator Assembly (Item 3) from BP System Bracket (Item 2). Keep the 10mm x 25mm Bolts (Item 4) and Lock Nuts (Item 5) for use in Step 6	<b>REV #</b>	2.0
		<b>PART KIT #</b>	Varies



PARTS LIST		
Item	Part #	Description
1	7568	Screen
2	7546	BP System Bracket
3	7651	V1 Oil Cooler / Radiator Assembly

PARTS LIST		
Item	Part #	Description
4	7515	Hex Bolt, 10mm x 25mm
5	7516	Lock Nut, 10mm

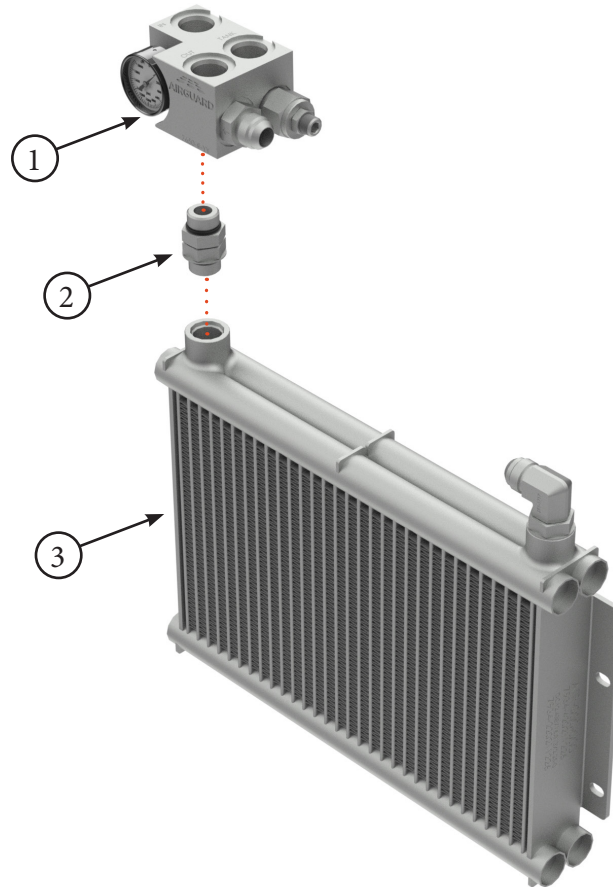
<b>Title</b>	V1 to V2 Conversion Instructions	<b>RELEASE DATE</b>	2024-04-11
<b>STEP</b>	2. Remove the V1 Braided Hose (Item 1) from the V1 Manifold Assembly (Item 2) and elbow fitting (Item 3). Be sure to protect radiator fins from being damaged during installation as they are fragile.	<b>REV #</b>	2.0
		<b>PART KIT #</b>	Varies



PARTS LIST		
Item	Part #	Description
1	7607	V1 Braided Hose
2	--	V1 Manifold Assembly

PARTS LIST		
Item	Part #	Description
3	--	Elbow Fitting

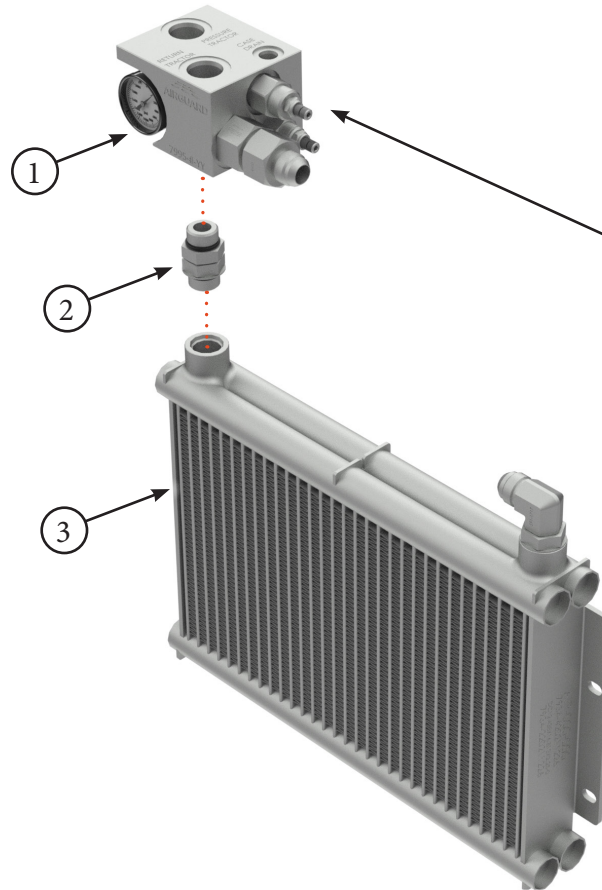
<b>Title</b>	V1 to V2 Conversion Instructions	<b>RELEASE DATE</b>	2024-04-11
<b>STEP</b>	3. Remove the V1 Manifold Assembly (Item 1) and 3/4" Union Fitting (Item 2) from the radiator core (Item 3). Save the Union Fitting for Step 4	<b>REV #</b>	2.0
		<b>PART KIT #</b>	Varies



PARTS LIST		
Item	Part #	Description
1	--	V1 Manifold Assembly
2	7507	Union Fitting

PARTS LIST		
Item	Part #	Description
3	--	Radiator Core

<b>Title</b>	V1 to V2 Conversion Instructions	<b>RELEASE DATE</b>	2024-04-11
<b>STEP</b>	4. Mount the V2 Manifold Assembly (Item 1) and Union Fitting (Item 2) to the radiator core (Item 3). IMPORTANT: Do not adjust the valves on the V2 Manifold as they are preset at our factory.	<b>REV #</b>	2.0
		<b>PART KIT #</b>	Varies

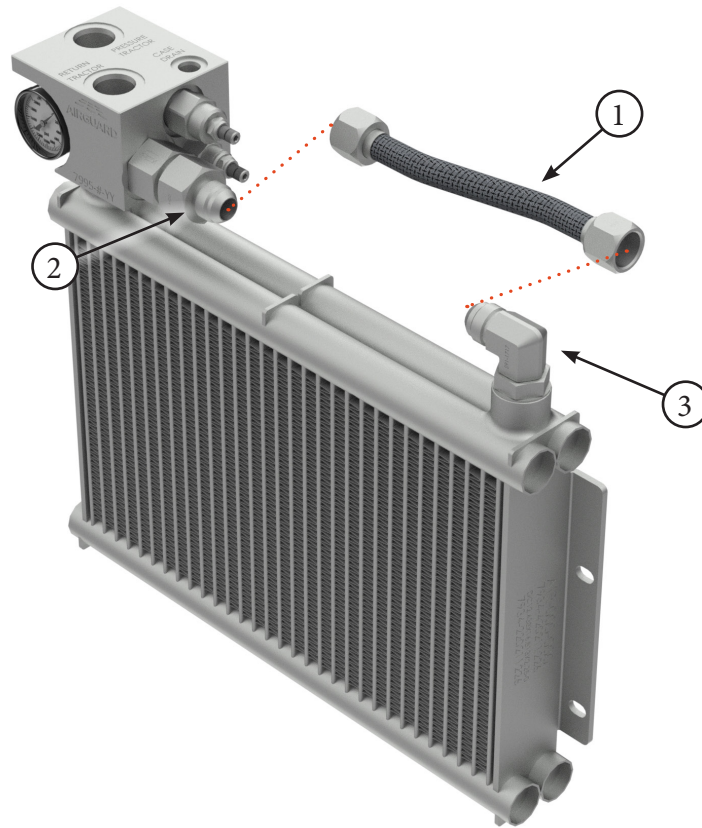


**Do not adjust the valves on the V2 Manifold**

PARTS LIST		
Item	Part #	Description
1	--	V2 Manifold Assembly
2	7507	Union Fitting

PARTS LIST		
Item	Part #	Description
3	--	Radiator Core

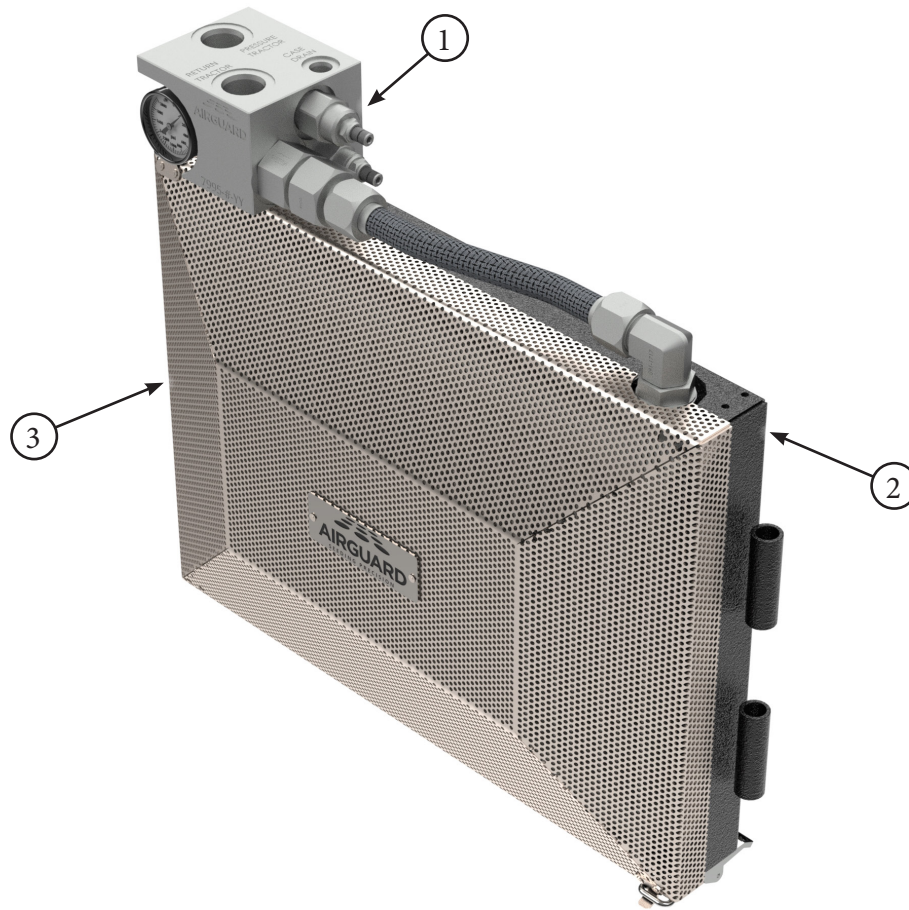
<b>Title</b>	V1 to V2 Conversion Instructions	<b>RELEASE DATE</b>	2024-04-11
<b>STEP</b>	5. Mount the V2 Braided Hose (Item 1) to the V2 Manifold Assembly (Item 2) and elbow fitting (Item 3).	<b>REV #</b>	2.0
		<b>PART KIT #</b>	Varies



PARTS LIST		
Item	Part #	Description
1	7275	V2 Braided Hose
2	--	V2 Manifold Assembly

PARTS LIST		
Item	Part #	Description
3	--	Elbow Fitting

<b>Title</b>	V1 to V2 Conversion Instructions	<b>RELEASE DATE</b>	2024-04-11
<b>STEP</b>	6. Bolt the Oil Cooler/Radiator Assembly (Item 1) back onto the BP System Bracket (Item 2) using the 10mm x 25mm Bolts and 10mm Lock Nuts from Step 1. Replace the Screen (Item 3) onto the BP System Bracket. Refer to the Full V2 Blockage Prevention System Instructions Manual for complete hydraulic installation instructions.	<b>REV #</b>	2.0
		<b>PART KIT #</b>	Varies



PARTS LIST		
Item	Part #	Description
1	7996	Oil Cooler/Radiator Assembly
2	7546	BP System Bracket

PARTS LIST		
Item	Part #	Description
3	7568	Screen

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2024-04-11
STEP	7. Start up operating procedure.	REV #	2.0
		PART KIT #	Varies

## ----- WARNING -----

**Start up procedure is critical to reduce pressure spikes.**

### START UP PROCEDURE:

After you have installed the Airguard Blockage Prevention System it's critical that you start the Aircart fans very slowly. You're introducing an air pocket that must be moved slowly to the tractor while you prime the hydraulic lines with oil. This process is a good way to make sure your fittings are sealed and secure.

1. Get your oil warmed to 80-100 deg F. If your oil is cold, the viscosity is very high and it will not move through the internal components easily. By warming the oil first, everything will operate as it should.
2. Initiate your fans with 500 Fan RPM at 25% oil flow (or 10% of your max fan speed). If everything looks good, the pressure is just starting to register on the Airguard pressure gauge. If all your fittings are holding their seal, continue to the next step. If your fan is NOT moving, that's okay. The oil is circulating.  
**Operate this way for 5 minutes.**

**NOTE:** If there is a pressure spike at this low oil flow rate, there is potential for an air lock. Disconnect the end fitting on the Return Line at the SCV and drain off some oil to release the pressure. Reconnect the end fitting and repeat Step 2.

3. Run 1000 Fan RPM at 45% oil flow (or 35% of your max fan speed). Operate for 5 seconds.
4. Run 2000 Fan RPM at 65% oil flow (or 75% of your max fan speed). Operate for 5 seconds.
5. Run 3500 Fan RPM at 85% oil flow (or 100% of your max fan speed). Operate for 3-5 minutes.
6. Take time to ensure that your conveyor or auger is working properly in conjunction with your Airguard kit. Turn your fan RPM down to 50% oil flow and engage the conveyor/auger. If everything is operating as it should, you have successfully installed your Airguard Blockage Prevention System kit. If there are any questions or concerns about the operations, call your AIRGUARD Sales Representative using contact information found at [www.airguardproducts.com/contact](http://www.airguardproducts.com/contact) or visit us at [www.airguardproducts.com/productsupport](http://www.airguardproducts.com/productsupport).

Now you're ready to operate! Follow the same warm up procedure you do every day and go seed. This is a procedure that we highly recommend at the beginning of each future season, to ensure the continuation of successful operations. It is a critical step in the introduction of new machinery to your farm operation. After the freeze and thaw of seasons we want to eliminate any air pockets or leaks that could slow preparations.