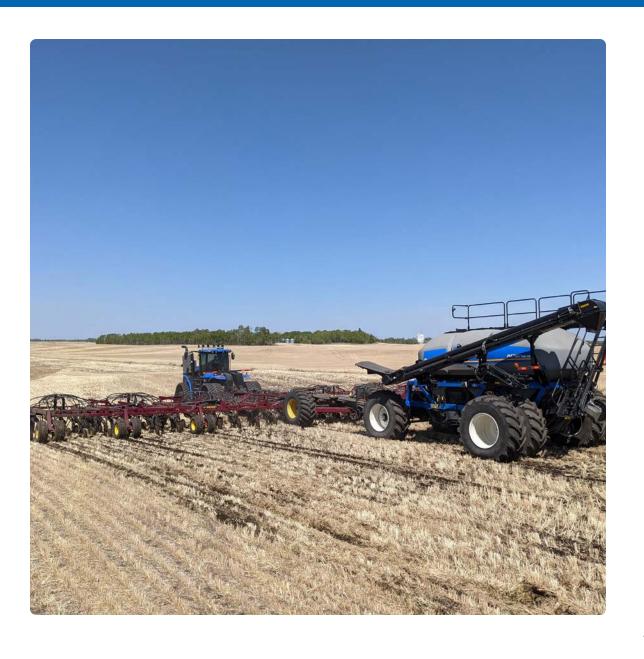
PART KIT INSTALL INSTRUCTIONS

CNH / Case IH / New Holland / Flexicoil Aircarts

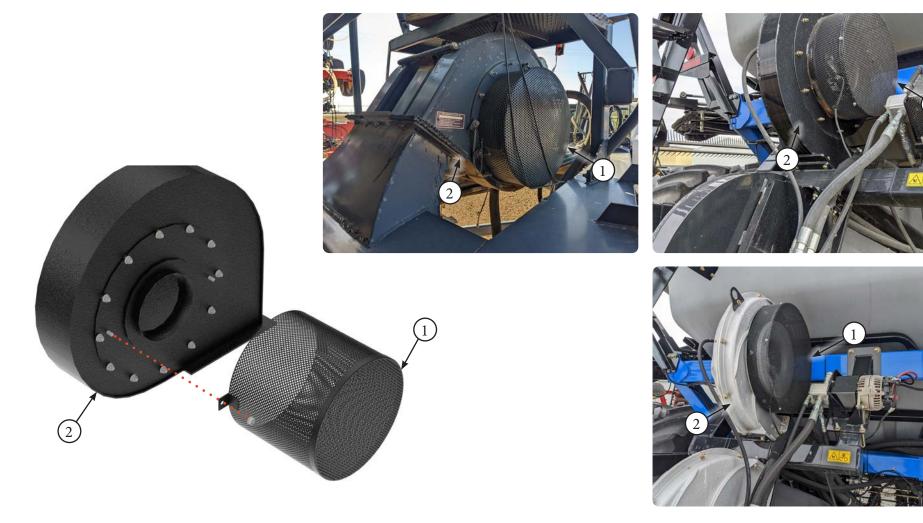
Part Kit #VARIES - Rev 1.0 - AIRGUARD - Blockage Prevention System

Release Date: 2023-03-01





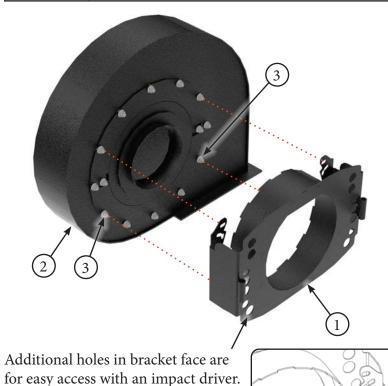
Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	1. Remove existing fan screen (Item 1) from the fan housing (Item 2).	REV #	1.0
		PART KIT #	Varies



PARTS LIST		
Item Part # Description		Description
1		REM Fan Screen

PARTS LIST		
Item	Item Part # Description	
2		REM Fan Housing / or / Tsunami Blower Housing

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
		REV #	1.0
	bolts and nuts (Item 3). Angle mount bracket in a position that ensures the supplied hydraulic hoses reach the fan motor. Additional holes in bracket face (Item 4) are for easy access with an impact driver. Bracket may look different than shown below.	PART KIT #	Varies



Use Kit # 9500 for the following Models:

Flexicoil: 2320-3450, 3850-4350 Case IH: 2300-2330, 3380-3430, 3580 New Holland: P1030-P1070, SC380-SC430

Use Kit # 9540 for the following Models:

Case IH: 500T, 500T

New Holland: P2080, P2085



Use Kit # 9590 (Bottom Fan) or 9595 (Top Fan) for the following Models with Painted Black Fans

Flexicoil: 3560, 4460-9560, 60 Series

Case IH: 2355, 3445-3555, 3915, 4465-4955

New Holland: P2350-P4950

Use Kit # 9620 (Bottom Fan) or 9625 (Top Fan) for the following Models with Cast Aluminum Fans

Flexicoil: 3560, 4460-9560, 60 Series

Case IH: 2355, 3445-3555, 3915, 4465-4955

New Holland: P2350-P4950



	PARTS LIST			
Item	Part #	Description		
1	7554 / or / 7619	REM RT Fan Bracket / or / Tsunami Blower Bracket		
2		REM Fan Housing / or / Tsunami Blower Housing		

PARTS LIST		
Item	Part #	Description
3		3/8" -16 NC Serrated Flange GR5 YZ

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	1	REV #	1.0
	required to reposition the alternator 90 degrees on the HSS frame to make room for the BP System install on the upper fan. Remove existing 1" hose (Item 1) and 1/2"		Varies
	hose (Item 2) from alternator and fan motor. Unbolt alternator from HSS frame and		
	reposition at a 90 degree angle and rebolt to the HSS frame. Use supplied 1" x 27"		
	hose (Item 3) with 45deg elbow (Item 4) and attach to fan motor and alternator. Use		
	supplied 1/2" x 40" hose (Item 5) and attach to fan motor and alternator.		

MODEL SPECIFIC CONNECTION TOP FAN ONLY

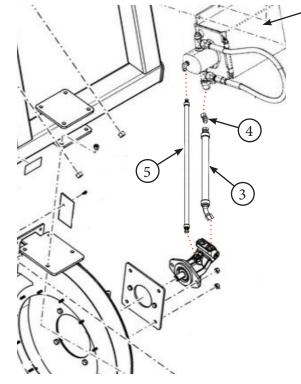
Flexicoil: 3560, 4460-9560, 60 Series

Case IH: 2355, 3445-3555, 3915, 4465-4955

New Holland: P2350-P4950

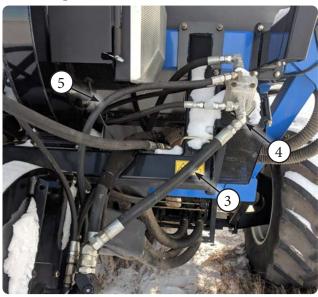
Original Factory Alternator Position





UNBOLT AND REPOSITION 90 DEGREES

Repositioned Alternator Position



	PARTS LIST		
Item	Part #	Description	
1		Existing 1" Return Hose	
2		Existing 1/2" Case Drain Hose	
3	7243	CNH Alternator 1" Hose - 27" Long	

	PARTS LIST		
Item	Part #	Description	
4	7248	Fitting - Elbow - 45deg - 3/4" JIC M - 3/4" JIC F	
5	7252	CNH Alternator 1/2" Hose - 40" Long	

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
		REV #	1.0
	are required to support the fan housing (Item 1). Remove existing hardware (Item 2 & 3). Attach supplied support bracket (Item 4) to fan housing (Item 1) and airdrill frame (Item 5). Bracket design may look different than picture below.	PART KIT #	Varies

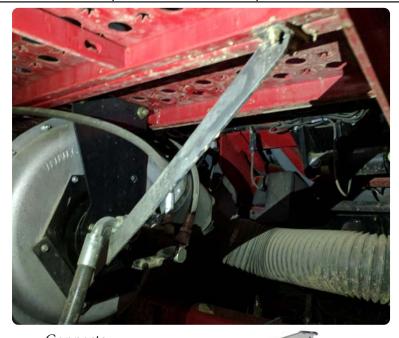
MODEL SPECIFIC CONNECTION TOP FAN ONLY

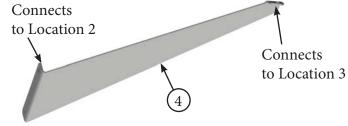
Case IH: 500T, 550T

New Holland: P2080, P2085



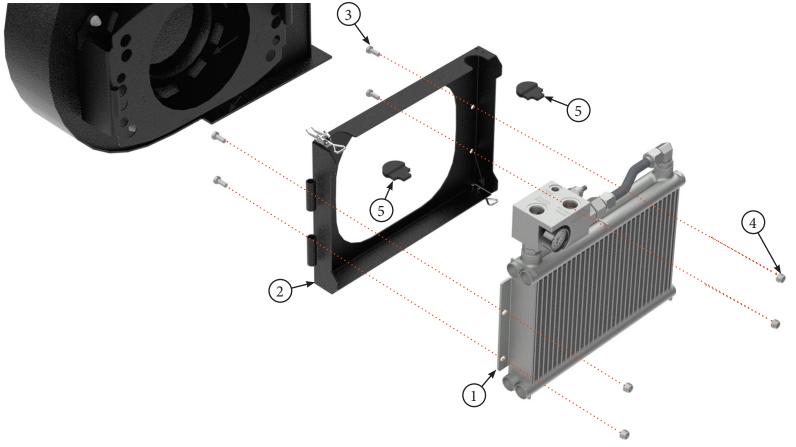
	PARTS LIST		
Item	Part #	Description	
1		Existing 1" Return Hose	
2		Existing 1/2" Case Drain Hose	
3	7243	CNH Alternator 1" Hose - 27" Long	





PARTS LIST		
Item	Part #	Description
4	7248	Fitting - Elbow - 45deg - 3/4" JIC M - 3/4" JIC F
5 7664 CNH Alternator 1/2" Hose - 40" Long		

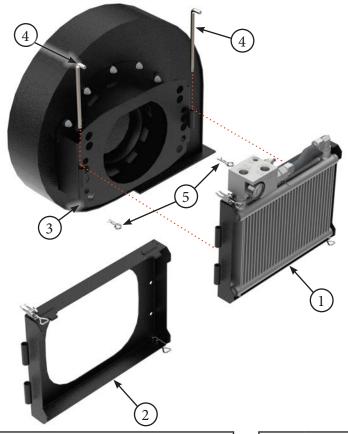
Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	5. Bolt Oil Cooler/Radiator Assembly (Item 1) to BP System Bracket (Item 2) using	REV #	1.0
	supplied 10mm x 25mm Bolts (Item 3) and 10mm lock nuts (Item 4). If only installing snorkel kit without Radiator, then install plastic plugs (Item 5) onto BP Sytem Bracket (Item 2). This step of the installation may already be completed at the Airguard factory prior to shipping.	PART KIT #	Varies



PARTS LIST		
Item	Part #	Description
1	7996	Oil Cooler and Manifold Assembly
2	7546	Main BP System Bracket
3	7515	Hex Bolt, 10mm x 25mm Grade 8.8

PARTS LIST		
Item	Part #	Description
4	7516	Lock Nut, 10mm Grade 8.8
5	7683	BP System Bracket Plug

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	1	REV #	1.0
	Mount BP System Main Bracket with Oil Cooler (Item 1) or Main Bracket with Plugs (Item 2) to Fan bracket (Item 3) using supplied pivot pins (Item 4). Secure in place	PART KIT #	Varies
	with 3.5mm cotter pins (Item 5).		

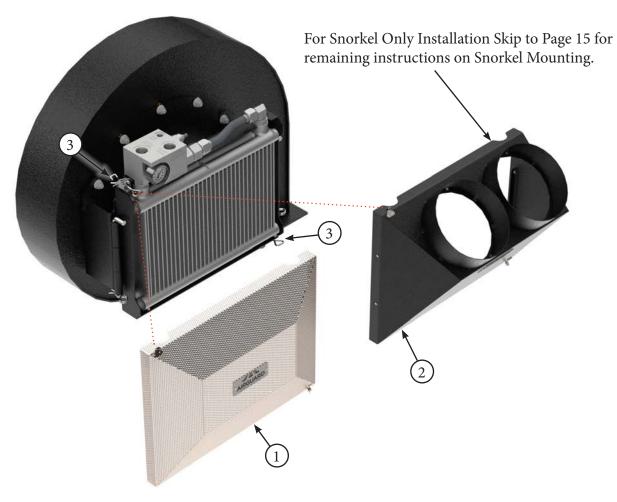


Remove Packaging material and discard, prior to install.

	PARTS LIST		
Item	Part #	Description	
1		BP System Main Bracket with Oil Cooler	
2		BP System Main Bracket with Plugs for Snorkel Only Install	
3		REM RT Fan Bracket / or / Tsunami Blower Bracket	

PARTS LIST			
Item	Part #	Description	
4	7502	Pivot Pin For BP Systems	
5	7513	3.5mm Cotter Pin	

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP		REV #	1.0
	latches (Item 3).	PART KIT #	Varies



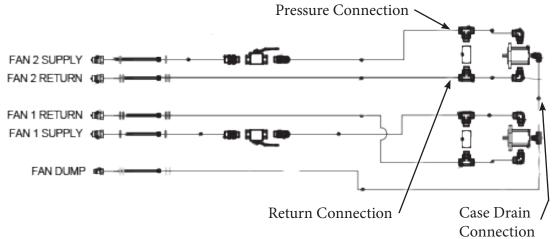
PARTS LIST		
Item	Part #	Description
1	7568	Mesh Screen
2	7977	Snorkel Housing

PARTS LIST			
Item	Part #	Description	
3		Overcenter Latch	

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	8. Identify the model of aircart that the Airguard Blockage Prevention System is being	REV #	1.0
	installed on. For models with external check valves, the connections must be made on the tractor side of the hydraulic circuit as shown below.	PART KIT #	Varies

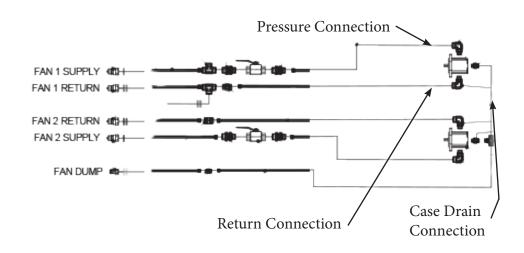
Installation with External Check Valve:



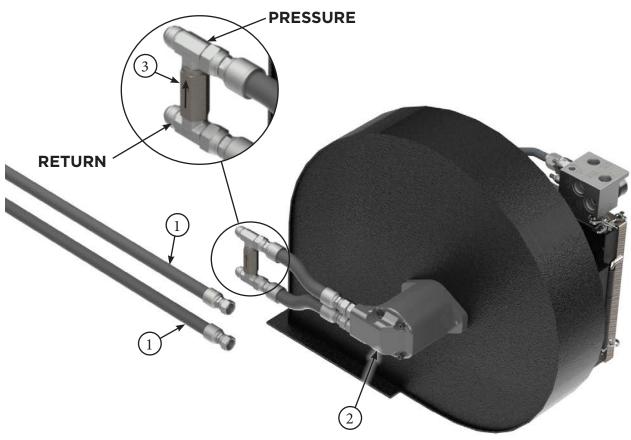


Installation with Internal Check Valve:





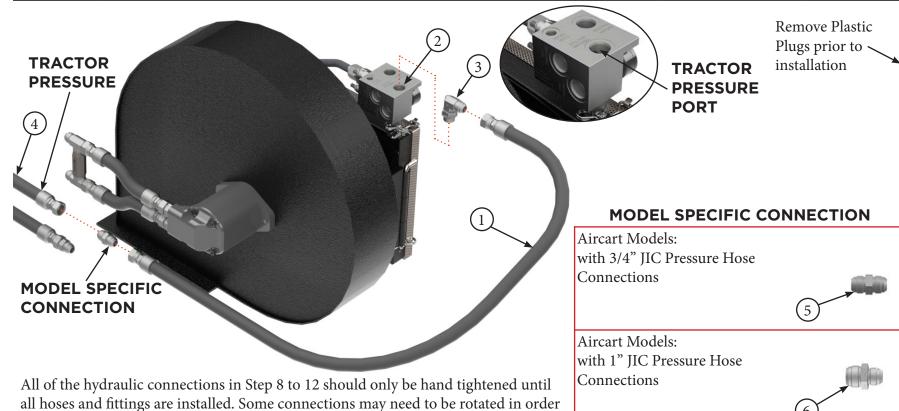
Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	9. Remove factory hoses (Item 1) from side of fan motor (Item 2). Remove the hos-	REV #	1.0
	es (Item 1) on the tractor side of the external check valve, as shown below. Identify which hose is the pressure side of the circuit. On newer models there is a shut off valve on the pressure side of the circuit. The external check valve will have a directional arrow that always points to the pressure side. If you do not have an external check valve you will attach directly to the fan motor.	PART KIT #	Varies



	PARTS LIST		
Item Part # Description			
1		Existing Hose from Tractor to Fan Motor	
2		Hydraulic Motor	

		PARTS LIST		
	Item	Part #	Description	
ĺ	3		External Check Valve	

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	10. Hoses may be routed to suit your specific aircart installation. Install supplied 3/4"	REV #	1.0
	hydraulic hose (Item 1) to the "TRACTOR PRESSURE" port of the radiator block (Item 2), using adapter (Item 3) to make the connection. Use model specific connection as per instructions below to attach the other end of the hose to the factory pressure line (Item 4) that was removed from the fan motor.	PART KIT #	Varies

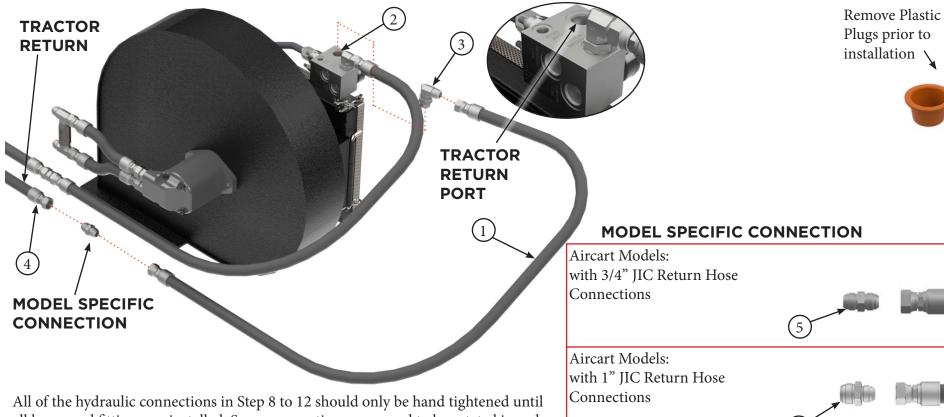


	PARTS LIST	
Item	Part #	Description
1	9016	BPS 3/4" Hydraulic Hose - 60"
2		"TRACTOR PRESSURE" Port - BP System Manifold
3	7506	Fiting - Elbow - 3/4" JIC Male - 3/4" ORB Male

PARTS LIST		
Item	Part #	Description
4		Tractor Supply (Pressure) Hydraulic Hose
5	7538	Fitting - Straight - 3/4" JIC M - 3/4" JIC M
6	7237	Fitting - Straight - 1" JIC M - 3/4" JIC M

to install other components.

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	11. Install supplied 3/4" hydraulic hose (Item 1) to the "TRACTOR RETURN" port of	REV #	1.0
	the radiator block (Item 2) using adapter (Item 3). Use model specific connection as per instructions below to attach the other end of the hose to the factory pressure line (Item 4) that was removed from the fan motor.	PART KIT #	Varies

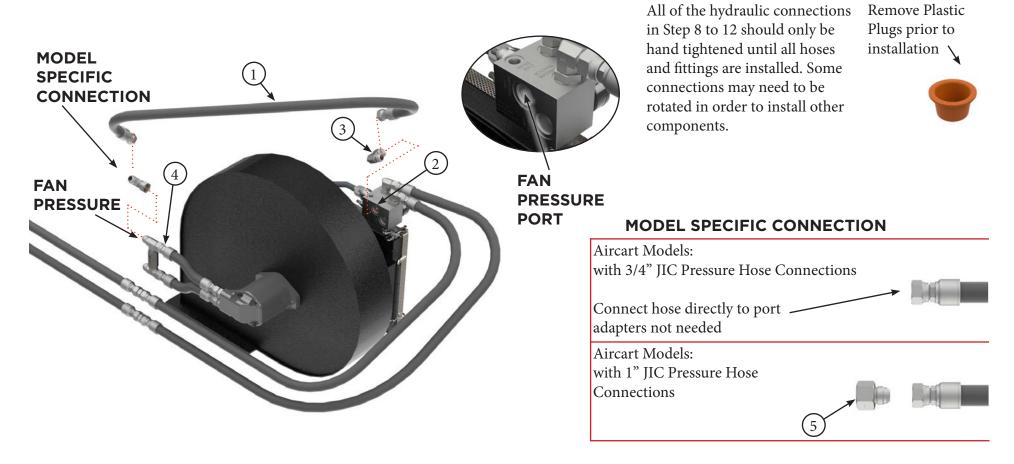


All of the hydraulic connections in Step 8 to 12 should only be hand tightened until all hoses and fittings are installed. Some connections may need to be rotated in order to install other components.

PARTS LIST		PARTS LIST
Item	Part #	Description
1	9016	BPS 3/4" Hydraulic Hose - 60"
2		"TRACTOR RETURN" Port - BP System Manifold
3	7506	Fiting - Elbow - 3/4" JIC Male - 3/4" ORB Male

PARTS LIST		PARTS LIST
Item	Part #	Description
4		Tractor Return Hydraulic Hose
5	7538	Fitting - Straight - 3/4" JIC M - 3/4" JIC M
6	7237	Fitting - Straight - 1" JIC M - 3/4" JIC M

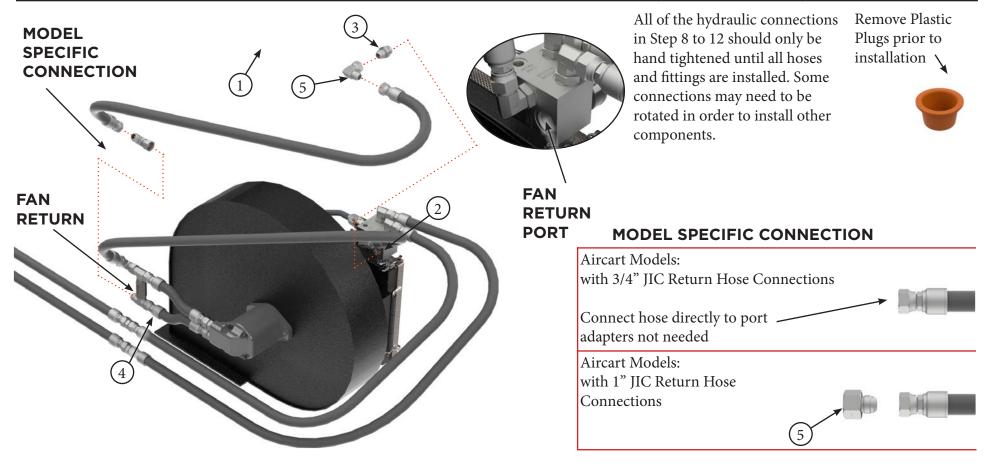
Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP		REV #	1.0
	radiator block (Item 2) using adapter (Item 3). Use model specific connection as per instuctions below to attach the other end of the hose to the factory fan pressure line/	PART KIT #	Varies
	port (Item 4) coming from the fan motor.		



		PARTS LIST
Item	Part #	Description
1	9016	BPS 3/4" Hydraulic Hose - 60"
2		"FAN PRESSURE" Port - BP System Manifold
3	7506	Fiting - Elbow - 3/4" JIC Male - 3/4" ORB Male

PARTS LIST		PARTS LIST
Item	Part #	Description
4		Fan Supply (Pressure) Hydraulic Hose
5	7238	Fitting - Straight - 1" JIC F - 3/4" JIC M

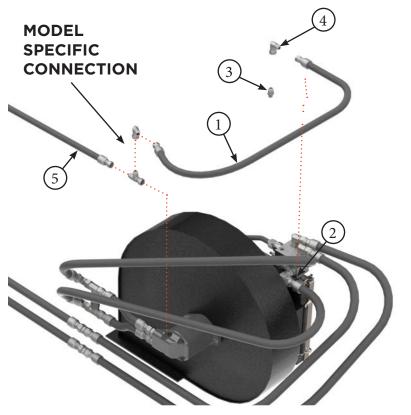
Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	13. Install supplied 3/4" hydraulic hose (Item 1) to the "FAN RETURN" port of the	REV #	1.0
	radiator block (Item 2) using adapters (Item 3 & 5). Use model specific connection as per instuctions below to attach the other end of the hose to the factory fan return line/		Varies
	port (Item 4) coming from the fan motor.		



	PARTS LIST	
Item	Part #	Description
1	9016	BPS 3/4" Hydraulic Hose - 60"
2		"FAN RETURN" Port - BP System Manifold
3	7543	Fitting - Straight - 3/4" JIC Male - 3/4" ORB Male

	PARTS LIST			
Item	Part #	Description		
4		Fan Return Hydraulic Hose		
5	5 7238 Fitting - Straight - 1" JIC F - 3/4" JIC M			

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	1	REV #	1.0
	radiator block (Item 2) using adapters (Item 3 & 4). and to the fan motor case drain line (Item 5). Use model specific connection as per instructions below to attach the other end of the hose to the factory fan case drain line/port (Item 5) coming from the	PART KIT #	Varies
	fan motor.		





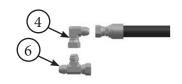
DRAIN PORT

All of the hydraulic connections in Step 8 to 12 should only be hand tightened until all hoses and fittings are installed. Some connections may need to be rotated in order to install other components.

Remove Plastic Plugs prior to installation \

MODEL SPECIFIC CONNECTION

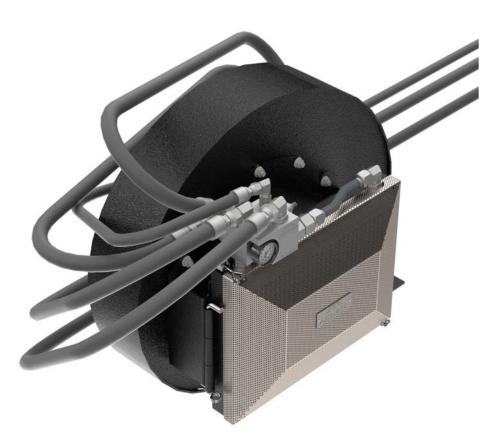
Aircart Models: with 1/2" JIC Case Drain Hose Connections



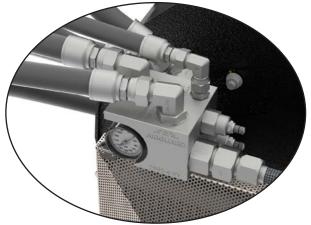
	PARTS LIST			
Item Part # Description				
1	9016	BPS 3/4" Hydraulic Hose - 60"		
2	2 "FAN CASE DRAIN" Port - BP System Manifold			
3	7264	Fitting - Straight - 1/2" JIC Male - 3/8" ORB Male		

	PARTS LIST		
Item	Part #	Description	
4	7686	Fiting - Elbow - 1/2" JIC M - 1/2" JIC F	
5		Fan Case Drain Hydraulic Hose	
6	7263	Fitting - Tee - 1/2" JIC M - M - F	

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	15. Complete the hydraulic installation by ensuring that all connections made in Step	REV #	1.0
	8 to 12 are tightened. Position/Routing of hydraulic hoses may vary to suit each specific machine installation. Zip tie hoses to reduce wear and ensure tidy installation.	PART KIT #	Varies







COMPLETED INSTALLATION WITH NO SNORKEL

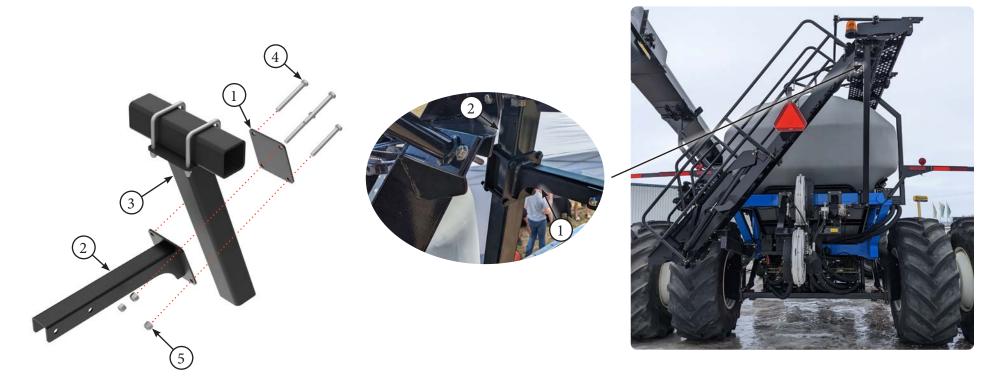
Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	16. For specific models as per below. Install the brackets (Item 1 & 2) onto Aircart		1.0
	HSS Frame (Item 3) using supplied 12mm x 130mm bolts (Item 4) and 12mm lock nuts (Item 5).	PART KIT #	Varies

MODEL SPECIFIC CONNECTION - KIT 9050:

Flexicoil: 3560, 4460-9560, 60 Series

Case IH: 2355, 3445-3555, 3915, 4465-4955

New Holland: P2350-P4950



PARTS LIST			
Item	Part #	Description	
1	9046	CNH Bracket Backing Plate	
2	9048	CNH Mount Bracket	
3		Aircart HSS Frame	

PARTS LIST				
Item Part # Description				
4	7862	Hex Bolt, 12mm x 110mm		
5	5 7669 Lock Nut, 12mm			

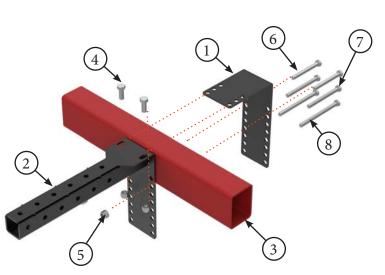
Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-01-01
STEP	17. For installations on older aircarts, the universal snorkel mount can be used. Install	REV #	1.0
	the brackets (Item 1 & 2) onto Aircart HSS Frame (Item 3) using supplied hardware. Use 12mm x 30mm (Item 4) and 12mm lock nuts (Item 5) for top connection. Use 12mm x 110mm-160mm (Item 6, 7 or 8) and 12mm lock nuts (Item 5) for bottom connection. Bracket is designed to fit HSS Beams 3"-5" x 3"-10" in vertical or horizonal mount positions.	PART KIT #	Varies

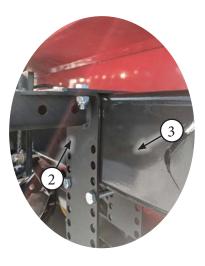
MODEL SPECIFIC CONNECTION - KIT 7860:

Flexicoil: 2320-3450, 3850-4350

Case IH: 2300-2330, 3380-3430, 3580, 500T, 550T

New Holland: P1030-P1070, SC380-SC430, P2080, P2085







Tow Behind

	PARTS LIST			
Item	Part #	Description		
1	7869	Adjustable HSS Backing Plate		
2	7873	Adjustable HSS Bracket Assembly		
3	3 Aircart HSS Frame			
4	7861	Hex Bolt, 12mm x 30mm		

PARTS LIST			
Item	Part #	Description	
5	7669	Lock Nut, 12mm	
6	7862	Hex Bolt, 12mm x 110mm	
7	7863	Hex Bolt, 12mm x 130mm	
8	7864	Hex Bolt, 12mm x 160mm	

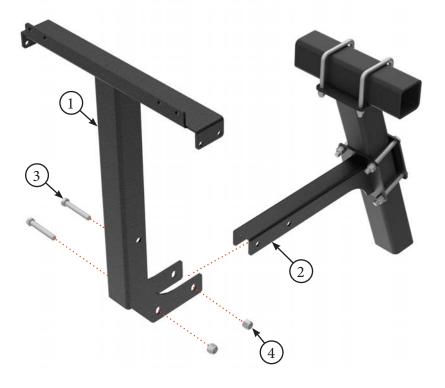
Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	18. Mount CNH Upper Mount Bracket /or/ Outer Vertical Channel (Item 1) to Brack-		1.0
	et (Item 2) using supplied 12mm x 80mm Bolts (Item 3) and 12mm lock nuts (Item 4).	PART KIT #	Varies

MODEL SPECIFIC CONNECTION - KIT 9050:

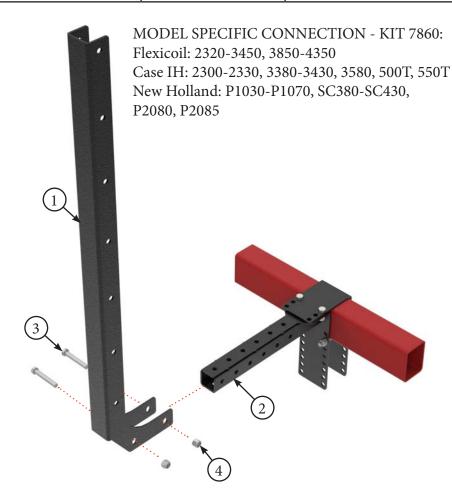
Flexicoil: 3560, 4460-9560, 60 Series

Case IH: 2355, 3445-3555, 3915, 4465-4955

New Holland: P2350-P4950



	PARTS LIST			
Item	Part #	Description		
1	9053 /or/ 7865	CNH Upper Mount Bracket /or/ Outer Vertical Channel		
2	9048 /or/ 7873	CNH Mount Bracket /or/ Adjustable HSS Bracket Assembly		



PARTS LIST			
Item	Part #	Description	
3	7859	Hex Bolt, 12mm x 80mm	
4	7669	Lock Nut, 12mm	

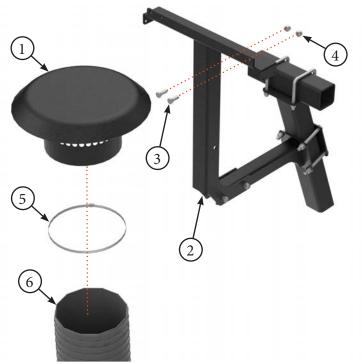
Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	19. Attach air intakes (Item 1) to upper vertical channel (Item 2) using supplied 10mm	REV #	1.0
	x 25mm Bolts (Item 3) and 10mm lock nuts (Item 4). A maximum of 4 intakes can be mounted. Use bridge clamp (Item 5) to attach 8" flex hose (Item 6) to air intake (Item 1).	PART KIT #	Varies

MODEL SPECIFIC CONNECTION - KIT 9050:

Flexicoil: 3560, 4460-9560, 60 Series

Case IH: 2355, 3445-3555, 3915, 4465-4955

New Holland: P2350-P4950



	PARTS LIST			
Item	Part #	Description		
1	7576	Air Intake Bracket		
2	9053 /or/ 7868	CNH Upper Mount Bracket /or/ Upper Vertical Channel		
3	7515	Hex Bolt, 10mm x 25mm		

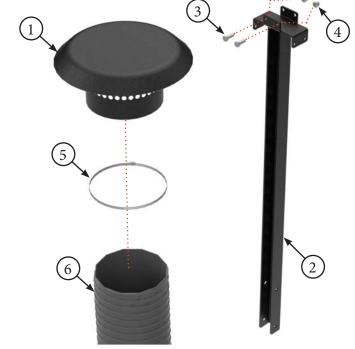
MODEL SPECIFIC CONNECTION - KIT 7860:

Flexicoil: 2320-3450, 3850-4350

Case IH: 2300-2330, 3380-3430, 3580, 500T, 550T

New Holland: P1030-P1070, SC380-SC430,

P2080, P2085



PARTS LIST			
Item	Part #	Description	
4	7516	Lock Nut, 10mm	
5	7578	Bridge Clamp, 8"	
6	7572	Flexible Snorkel Hose - 8"	

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	,	REV #	1.0
	takes and secure upper vertical channel (Item 1) to lower vertical channel (Item 2) at that location. Use supplied 12mm x 80mm Bolts (Item 3) and 12mm lock nuts (Item 4).	PART KIT #	Varies

MODEL SPECIFIC CONNECTION - KIT 7860:

Flexicoil: 2320-3450, 3850-4350

Case IH: 2300-2330, 3380-3430, 3580, 500T, 550T

New Holland: P1030-P1070, SC380-SC430,

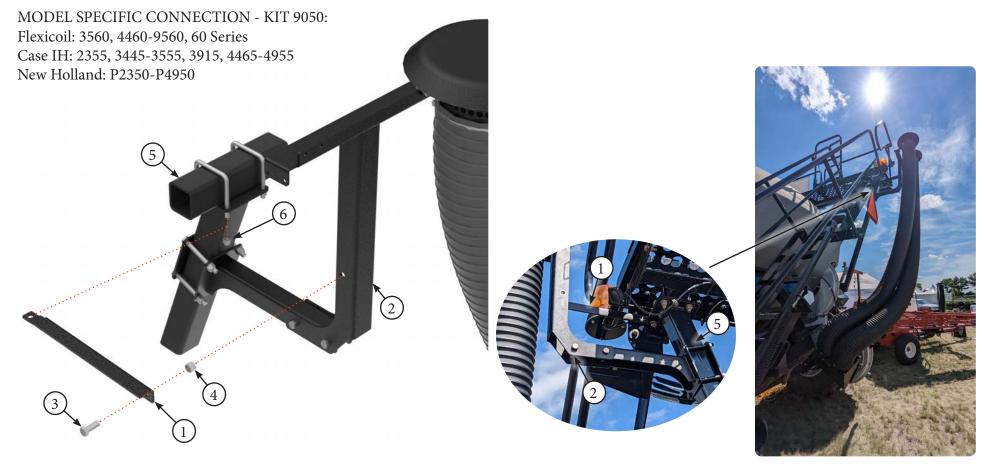
P2080, P2085



	PARTS LIST			
Item Part # Description				
1	7868	Upper Vertical Channel		
2	7865	Outer Vertical Channel		

PARTS LIST			
Item Part # Description			
3	7859	Hex Bolt, 12mm x 80mm	
4	7669	Lock Nut, 12mm	

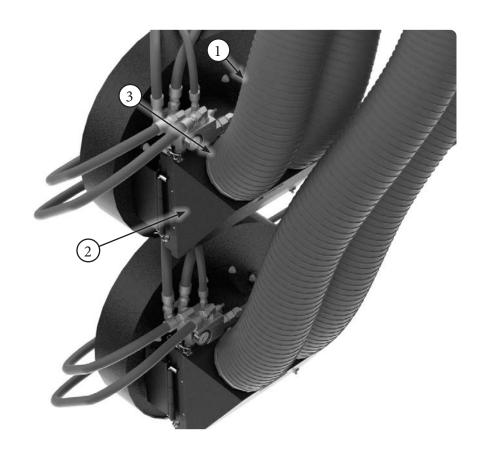
Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	21. For specific models as per below, mount stabilizer bracket (Item 1) to CNH Upper	REV #	1.0
	(Item 4). Attach other end of stabilizer bracket (Item 1) to catwalk support (Item 5)	PART KIT #	Varies
	using existing nut (Item 6). Tighten all bolts and nuts.		



PARTS LIST			
Item	Part #	Description	
1	9054	Stabilizer Bracket	
2	9053	CNH Upper Mount Bracket	
3	7861	Hex Bolt, 12mm x 30mm	

	PARTS LIST			
Item	Part #	Description		
4	7669	Lock Nut, 12mm		
5		Catwalk Support		
6		Existing Nut		

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
	3) 7in tie 8" fley hoses to reduce wear and ensure tidy installation	REV #	1.0
		PART KIT #	Varies



PARTS LIST				
Item	Part #	Description		
1	7977	Snorkel Housing		
2	7578	Bridge Clamp, 8"		

PARTS LIST				
Item	Part #	Description		
3	7572	Flexible Snorkel Hose - 8"		

Title	Airguard Blockage Prevention System Upgrade Instructions	RELEASE DATE	2023-03-01
STEP	Installation is Completed. Ensure all hydraulic connections and bolts are tightened.	REV #	1.0
		PART KIT #	Varies

COMPLETED INSTALLATION WITH NO SNORKEL

COMPLETED INSTALLATION WITH SNORKELS

