



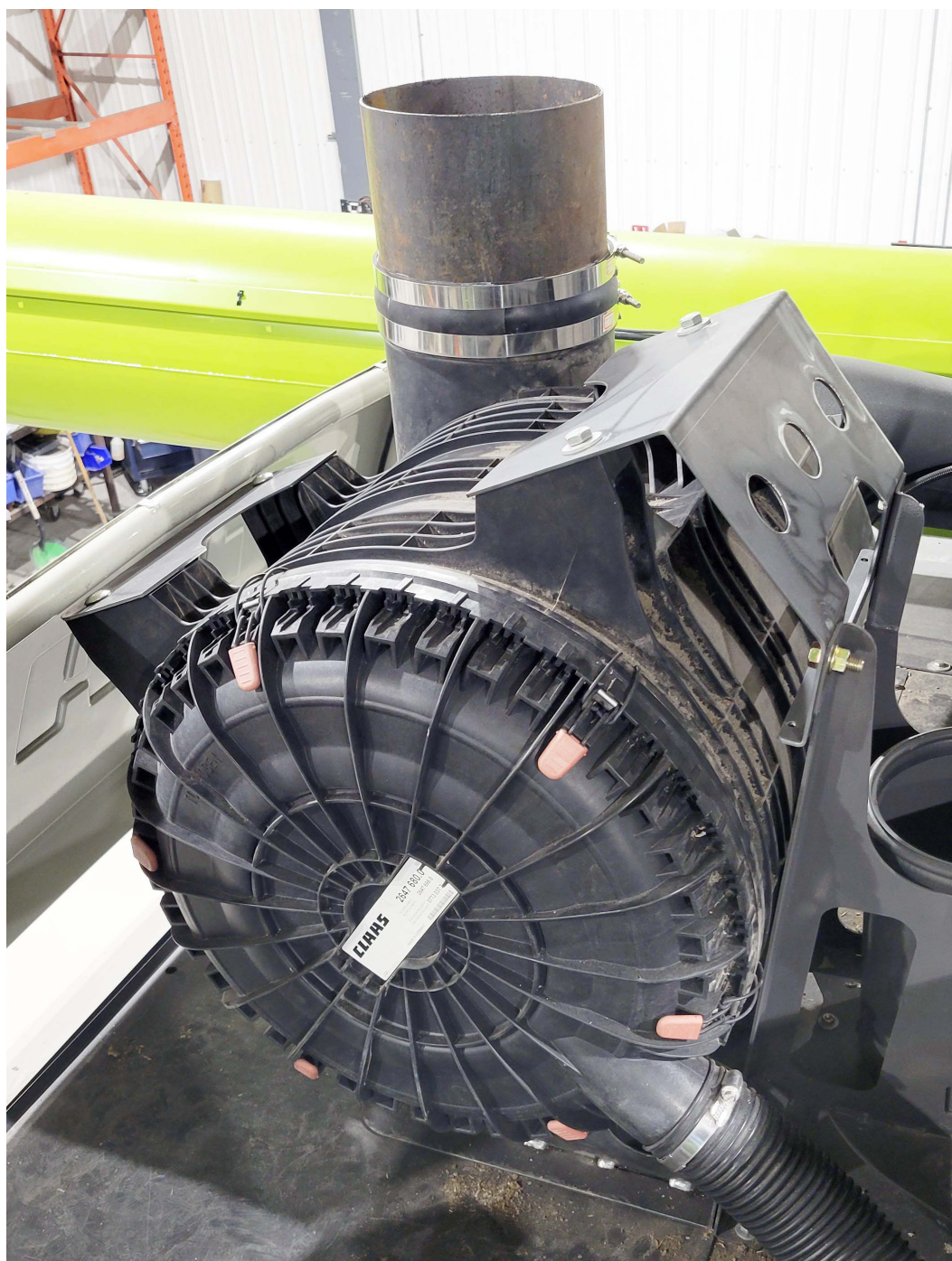
KAS PRE-CLEANER

CLAAS 7000 & 8000

PRE-CLEANER ADAPTOR KIT

INSTALLATION MANUAL

PRODUCT NUMBER: KAS-401



0 Safety

0.1 Instructions

0.1.1 IMPORTANT: Read through this instruction manual thoroughly and familiarize yourself with the KAS Pre-cleaner before installation of these components.

This instruction manual explains the proper procedure for installation of the KAS Pre-cleaner. Do not skip steps or perform them out of order.



0.2 Recognize Safety Information

0.2.1 This is a safety-alert symbol. When you see this symbol on your straw chopper or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



0.3 Understand Signal Words

0.3.1 A signal word - DANGER, WARNING, or CAUTION - is used with the safety-alert symbol. DANGER identifies the most serious hazards.

WARNING or CAUTION safety signs are located near specific hazards or precautionary areas in this manual.



0.4 Work In Ventilated Area

0.4.1 Engine exhaust fumes can cause sickness or death. If it is necessary to run an engine in an enclosed area, remove the exhaust fumes from the area with an exhaust pipe extension.

If you do not have an exhaust pipe extension, open the doors and get outside air into the area.

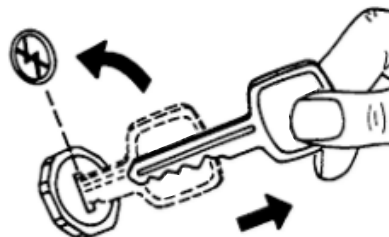


0.5 Remove Key from Ignition

0.5.1 ALWAYS shut off machine engine prior to working on it.

Apply park brake, remove key and lock operators cab.

If the machine is equipped with an additional safety master power switch, turn this to the Power OFF position.



0.6 Block Wheels

0.6.1 Park the machine on level ground.

Always engage the park brake and block the wheels prior to working to prevent the machine from moving.



0.7 Practice Safe Maintenance

0.7.1 Understand service procedure before doing work. Keep area clean and dry.

Never lubricate, service, or adjust machine while it is moving. Keep hands, feet and clothing away from power-driven parts. Disengage all power and operate controls to relieve pressure. Lower equipment to the ground. Stop the engine. Remove the key. Allow machine to cool.

Securely support any machine elements that must be raised for service work.

Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of grease, oil or debris.



0.8 Guards and Shields

0.8.1 Keep guards and shields in place at all times. Ensure that they are serviceable and maintained correctly.



0.9 Avoid Contact With Moving Parts

0.9.1 Keep hands, feet and clothing away from power driven parts. Never clean, lubricate or adjust machine when it is running.

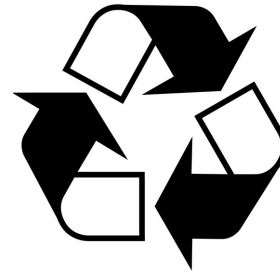


0.10 Dispose of Waste Properly

0.10.1 Improperly disposing of waste can threaten the environment and ecology. Potentially harmful waste includes such items as oil, fuel, coolant, brake fluid, filters and batteries.

Use leakproof containers when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

Do not pour waste onto the ground, down a drain or into any water source.



0.11 Personal Protective Equipment (PPE)

0.11.1 A Qualified Person designated by the employer, who is knowledgeable about and familiar with all relevant specifications and assembly instructions and is capable of identifying existing or potential hazards in surroundings or working conditions which may be hazardous or dangerous to employees shall determine appropriate Personal Protective Equipment required for this assembly.

Personal Protective Equipment (PPE) are devices worn by the employees to protect against hazards in the environment. Examples include safety glasses, face shields, respirators, gloves, hard hats, steel-toe shoes, and hearing protection. Wear close fitting clothing and safety equipment appropriate for the job.

Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating machine.

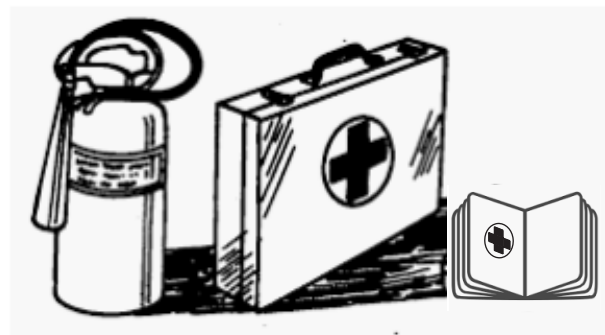


0.12 Prepare for Emergencies

0.12.1 Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital and fire department near your telephone.



0.13 In the Event of Fire

0.13.1 Stop work immediately at first sign of fire. This may be the smell of smoke or the sight of smoke or flames.



CAUTION: Do not risk personal injury. If a fire is too far advanced, do not try to extinguish it.



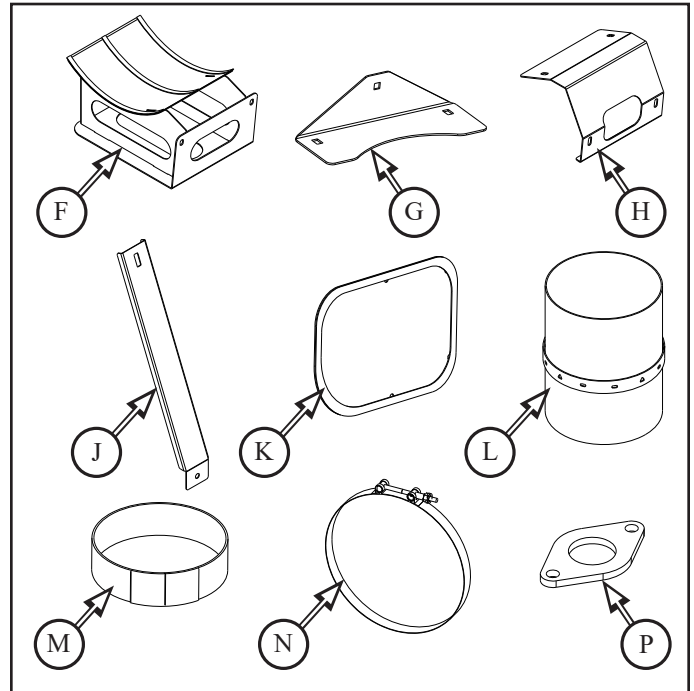
If a fire can be safely extinguished, proceed carefully and follow these guidelines:

1. Remove fire extinguisher from bracket and carry it to the area of fire.
2. Approach area of fire with wind to your back.
3. Pull the safety pin out of actuating lever.
4. Hold extinguisher upright and aim hose at base of flames.
5. Squeeze lever to discharge fire extinguisher.
6. Move hose to cover the source of the fire evenly with extinguishing agent.

1 KAS Pre-Cleaner Adaptor Kit Installation

Parts List:

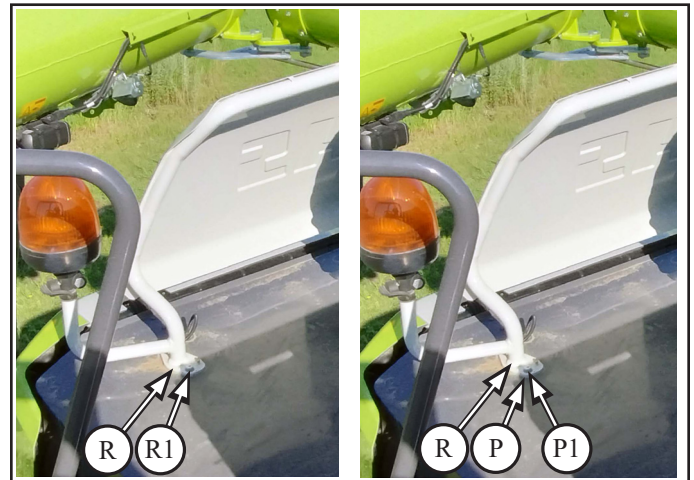
KA140CA	Support Canister Claas 8S KAS (F)	Qty 1
KA146C	Lower Support Bracket (G)	Qty 1
KA141C	Top Support Bracket (H)	Qty 1
KA145C	Tie Down Strap (J)	Qty 1
KA142CA	Block Off Plate (K)	Qty 1
KA143C	Adaptor Pipe (L)	Qty 1
KA144A	Rubber Seal (M)	Qty 1
RP1533	Clamp T-Bolt 0.25 UNF x 5.28 ID (N)	Qty 2
KA811C	Spacer Plate (P)	Qty 3



**** Ensure dust, dirt and chaff is blown away from work area ****

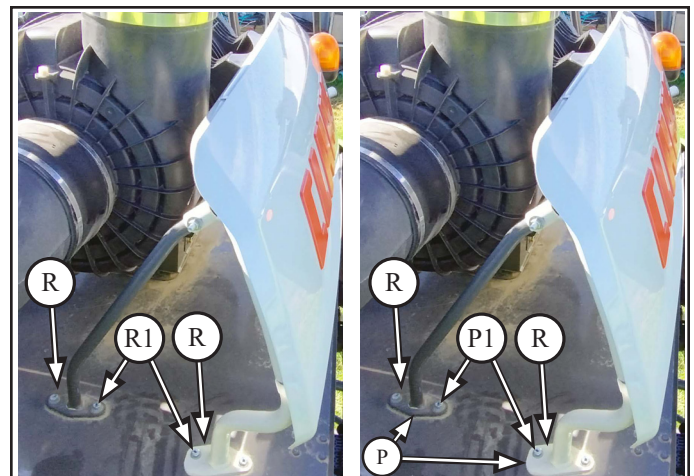
1.1 Remove rear panel support leg (R) mounting hardware (R1) x2 from right corner
- not to be reused

1.2 Install spacer plate (P) underneath support leg (R), with:
- M8 x 45 flange head bolt (P1) x2



1.3 Remove mounting hardware (R1) x2 from each left rear panel support leg (R) x2
- not to be reused

1.4 Install spacer plate (P) underneath each support leg (R) x2, with:
- M8 x 45 flange head bolt (P1) x2



1.5 Loosen hose clamp (**B1**) x2 connecting OEM air intake tubes (**B**) to air intake filter canister (**A**)

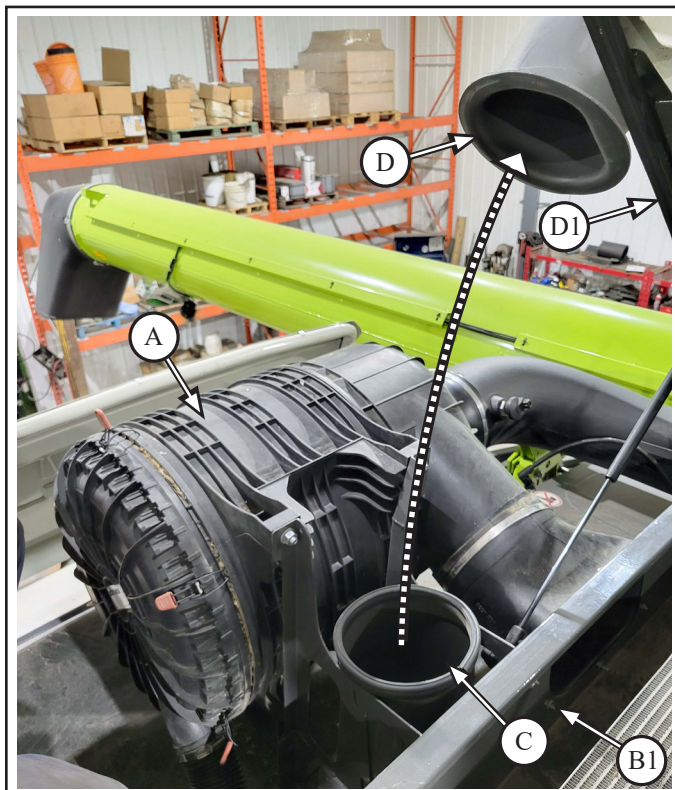
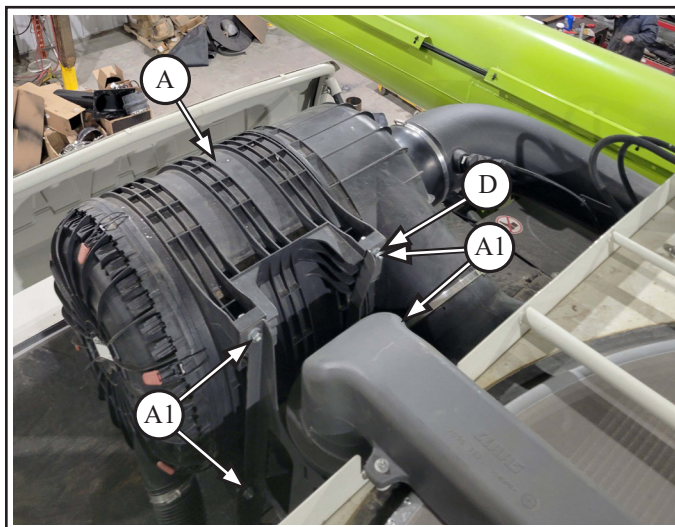
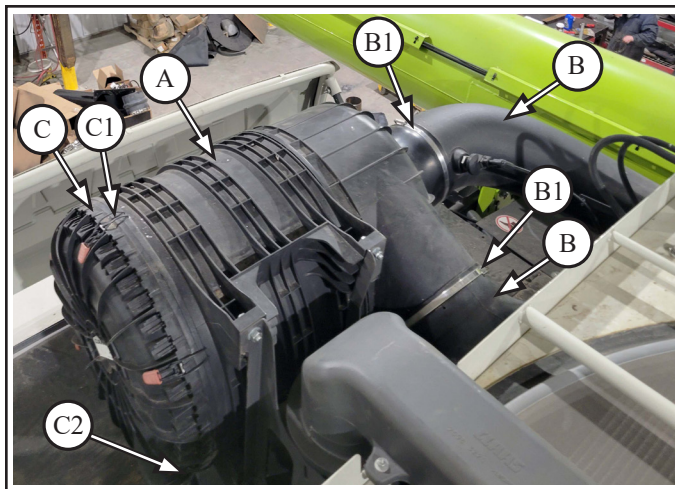
1.5.1 Disconnect endcap clamps (**C1**) to remove endcap (**C**) from air intake filter canister (**A**)
- to allow canister (**A**) to rotate keeping hose (**C2**) in same position
- to be reinstalled



WARNING ** Ensure no debris enters engine intake while hose clamp is loose **

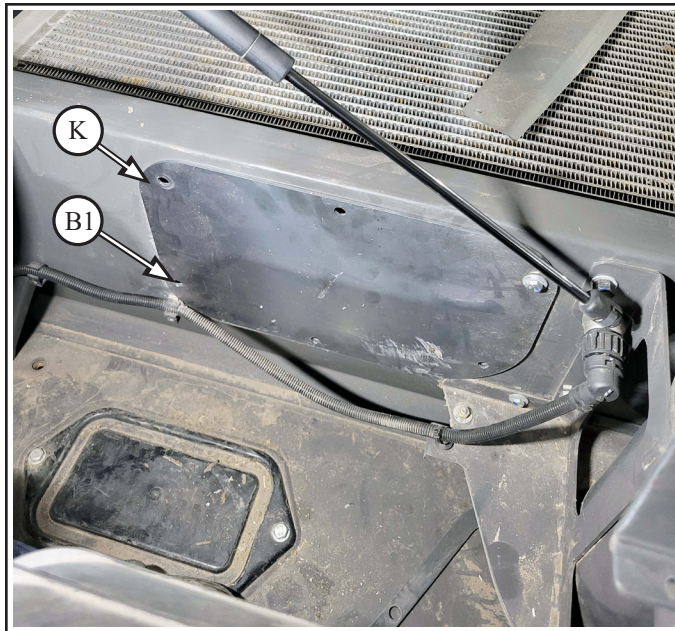
1.5.2 Remove air intake filter canister (**A**) mounting hardware (**A1**) x4 from mounting bracket (**D**)
- hardware (**A1**) to be reused

1.5.3 Rotate radiator fan screen (**D1**) up which will disconnect OEM air intake tube (**D**), to gain access to mounting hardware (**B1**)



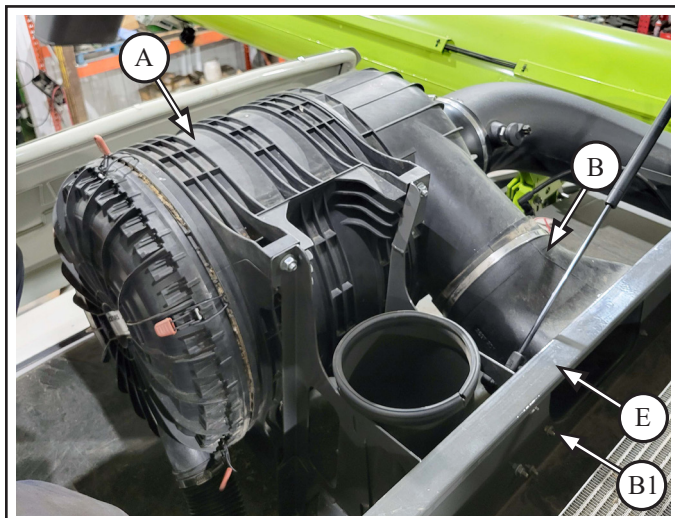
1.6 Install block off plate (**K**) to where OEM air intake tube (**B**) was removed, with:

- reuse existing hardware (**B1**)
- ensure foam tape seals against housing



1.7 Remove OEM air intake tube (**B**) from air intake filter canister (**A**) and filter wall (**E**)

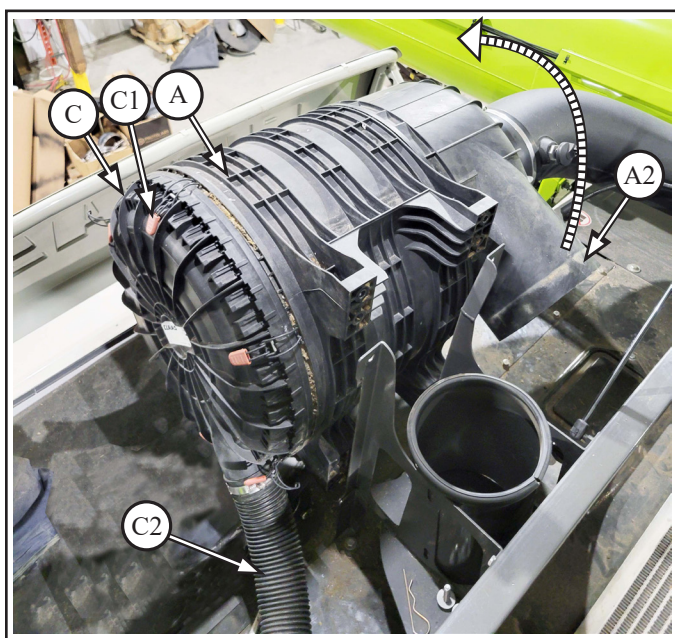
- not to be reinstalled
- hardware (**B1**) to be reused



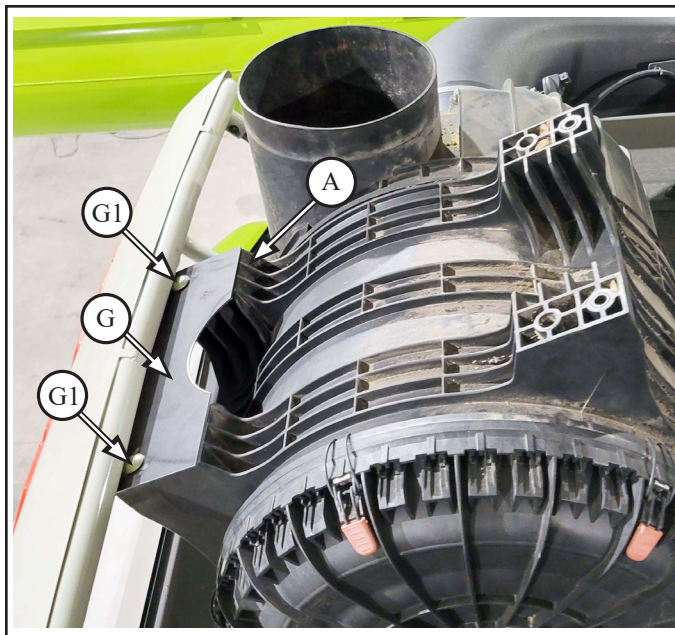
1.7.1 Rotate air intake filter canister (**A**) up so that the intake tube (**A2**) is vertical

1.7.7.1 Ensure endcap (**C**) and hose (**C2**) remain in original position

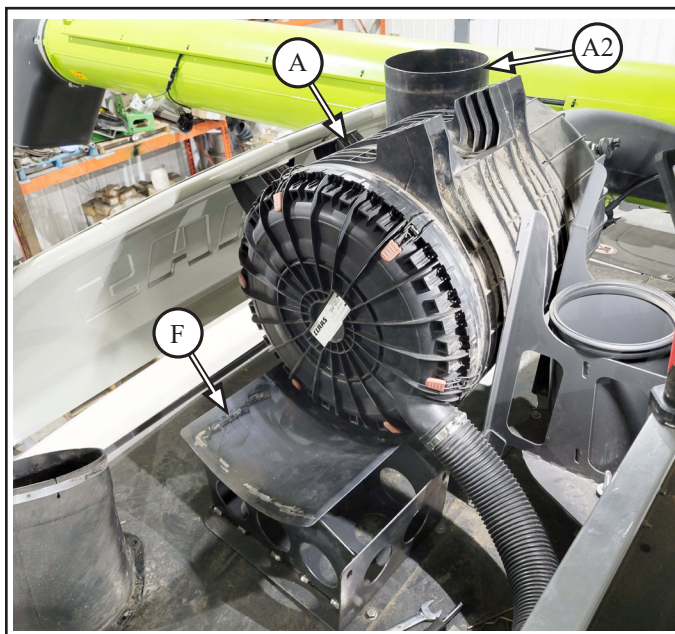
1.7.7.2 Secure endcap (**C**) back onto canister (**A**), with:
- clamps (**C1**)



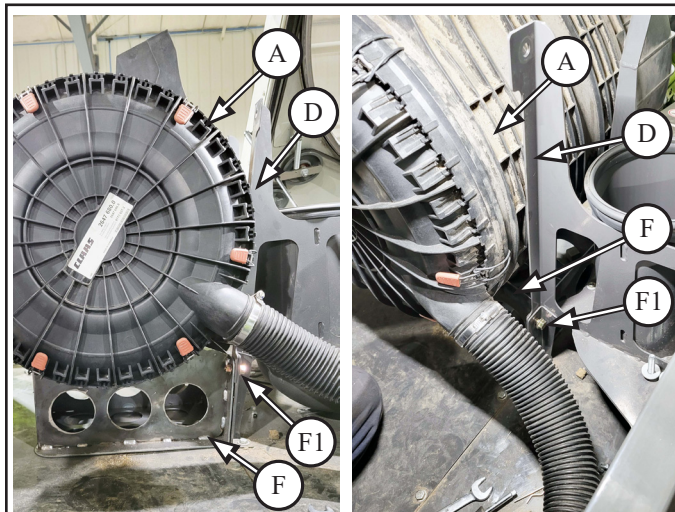
1.8 Install lower canistor support bracket (**G**) to air intake filter canistor (**A**), with:
- M10 x 40 round head bolt and flange nut (**G1**) x2



1.9 Slide canistor support bracket (**F**) underneath air intake filter canistor (**A**)

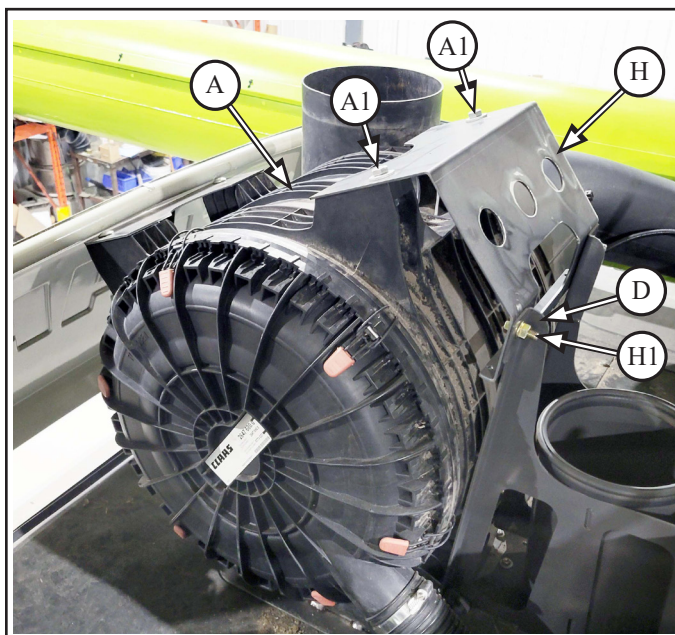


1.9.1 Install canistor support bracket (**F**) to mounting bracket (**D**), with:
- M10 x 20 flange head bolt and flange nut (**F1**) x2



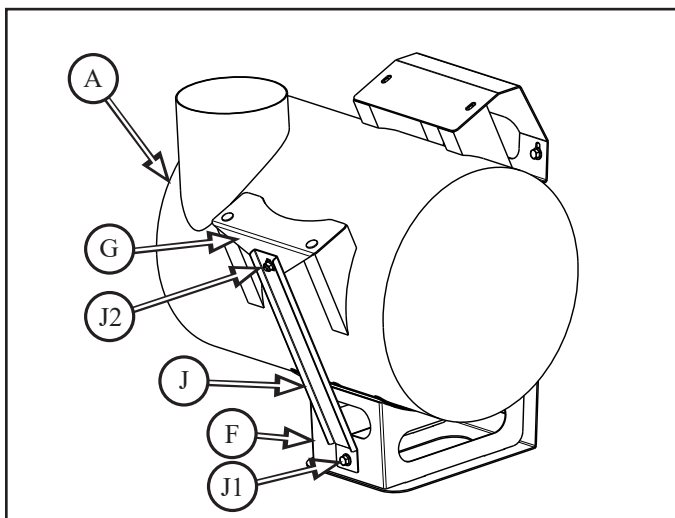
1.10 Install top canister support bracket (**H**) to air intake filter canister (**A**), with:
 - reuse hardware (**A1**) x2

1.10.1 Install top canister support bracket (**H**) to mounting bracket (**D**), with:
 - M10 x 20 flange head bolt and flange nut (**H1**) x2

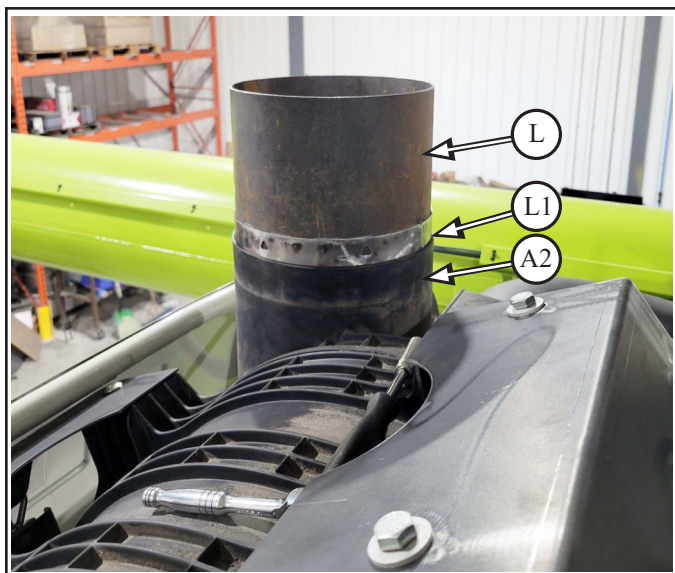


1.11 Install bottom of tie down strap (**J**) to canister support bracket (**F**), with:
 - M10 x 20 flange head bolt (**J1**) x2

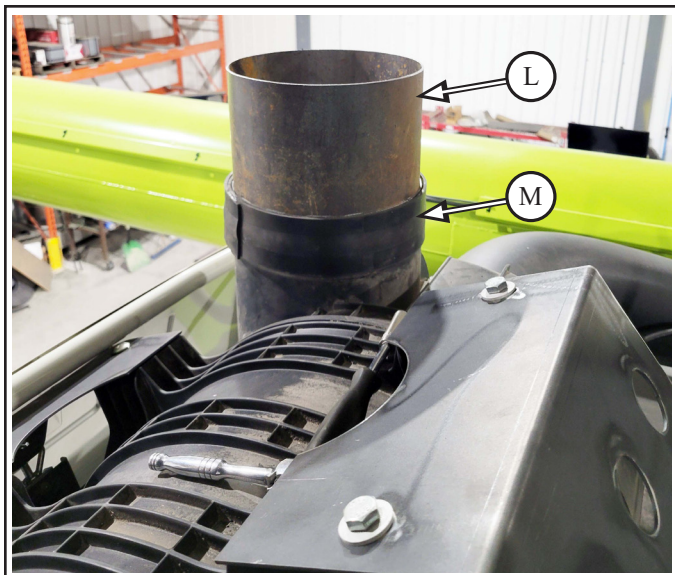
1.11.1 Install top of tie down strap (**J**) to lower canister support bracket (**G**), with:
 - M10 x 20 round head bolt and flange nut (**J2**)



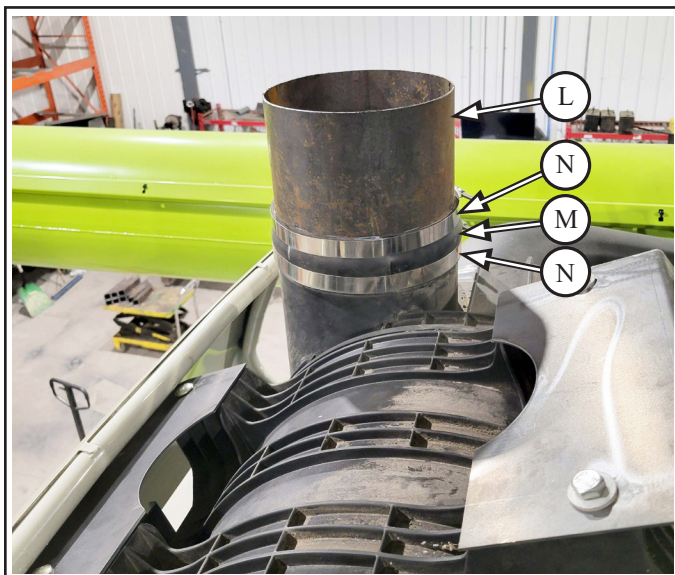
1.12 Slide adaptor pipe (**L**) into intake tube (**A2**) to banding (**L1**)



1.13 Slide rubber seal (**M**) over adaptor pipe (**L**) to cover seam of adaptor pipe and intake tube

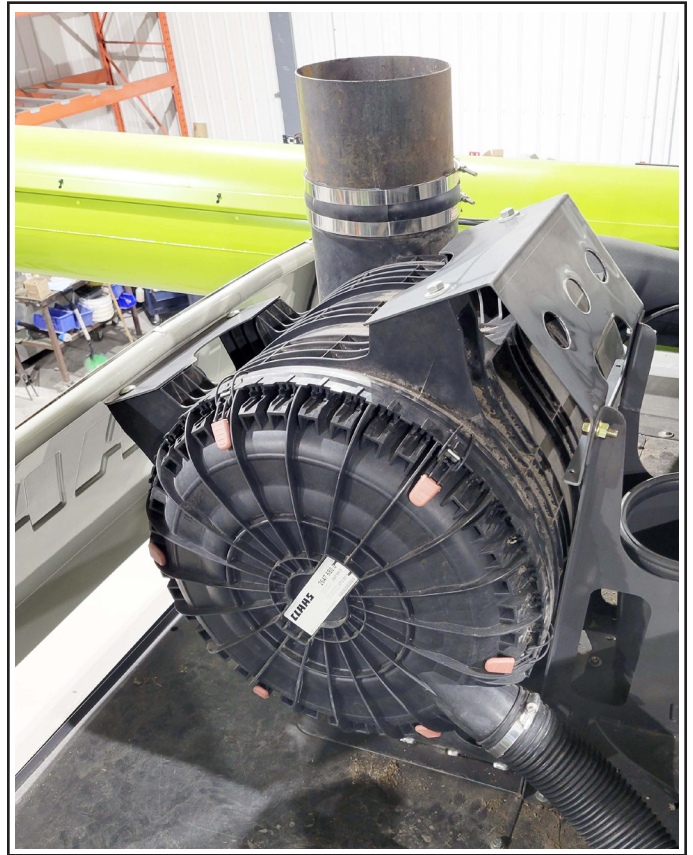


1.13.1 Secure rubber seal (**M**) in place, with:
- hose clamp (**N**) x2



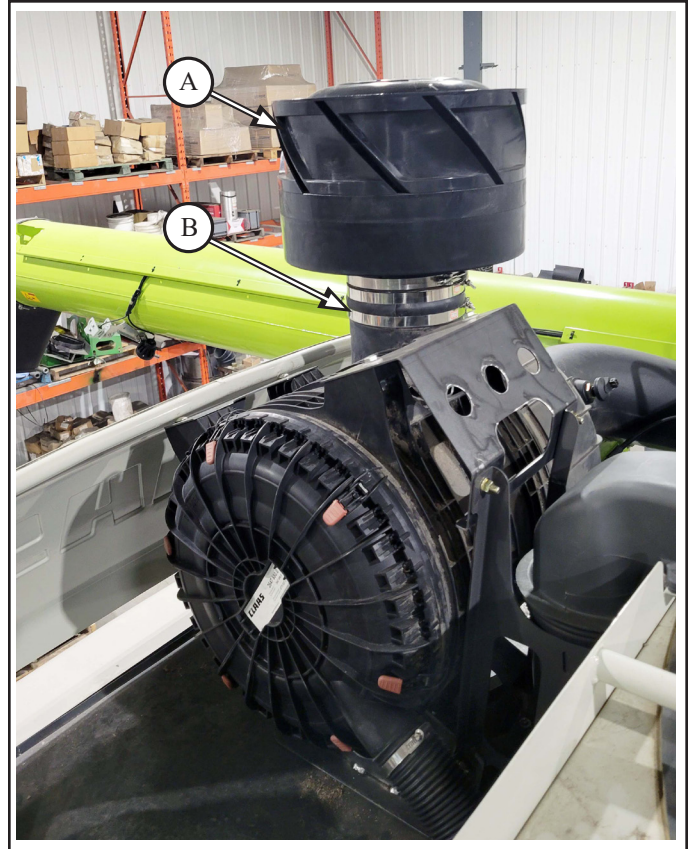
1.14 Lower radiator fan screen (**C1**) down to connect OEM air intake tube (**C**)

1.15 View with adaptor kit installed



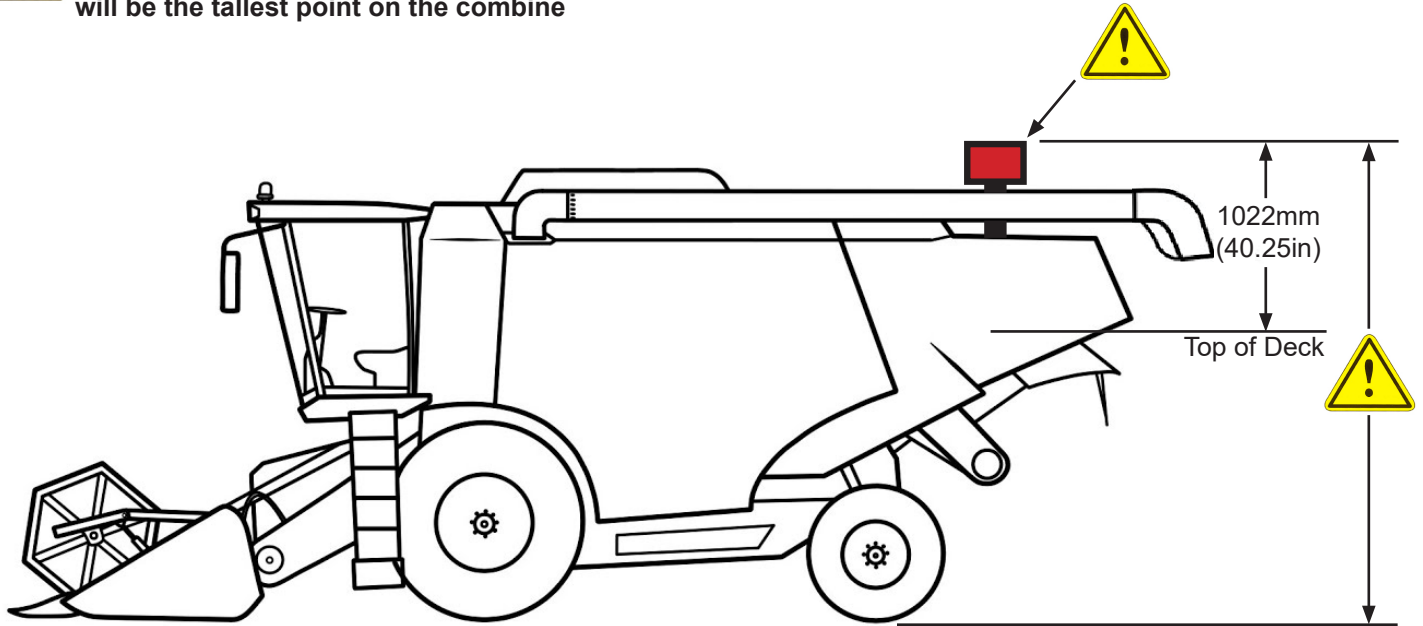
2 KAS Pre-Cleaner Installation

2.1 Install KAS Pre-Cleaner (A) to top of new air intake tube and adaptor kit (B) as per instructions with the Pre-Cleaner





CAUTION: When the grain tank extensions and the auger are folded down, the KAS Pre-cleaner will be the tallest point on the combine



Torque Table		
Nominal Size	Class 8.8	Class 10.9
	Nm / (ft-lbs)	Nm / (ft-lbs)
M8 - flanged	27 / (20)	39 / (29)
- non flanged	25 / (18)	35 / (26)
M10 - flanged	54 / (40)	57 / (42)
- non flanged	49 / (36)	70 / (51)
M12 - flanged	93 / (69)	134 / (98)
- non flanged	85 / (63)	121 / (90)



Notes:

REDEKOP MANUFACTURING

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