REDEKOP™

MAV CHOPPER
AGCO / FENDT / IDEAL

INSTALLATION MANUAL

PRODUCT NUMBER: **500-200H**

AF002-01_RD


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Agco / Fendt / Ideal
MAV Chopper Installation Manual

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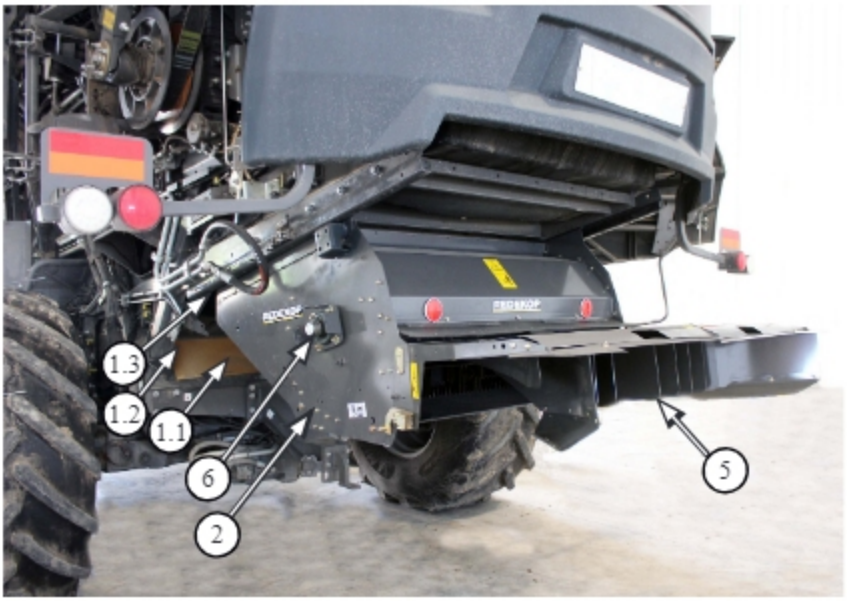

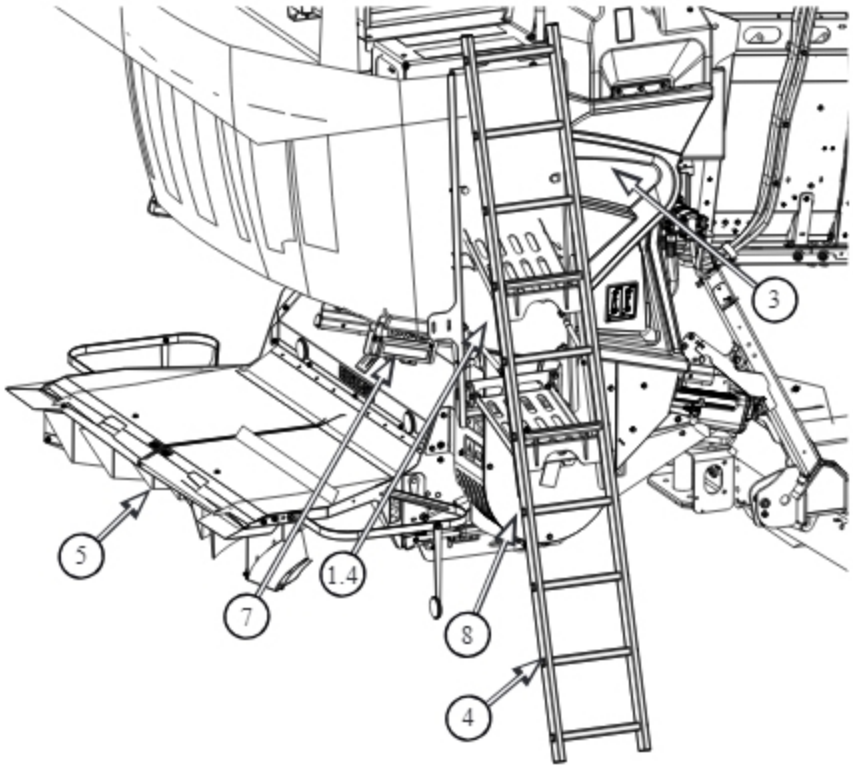

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0 Safety

0.1 Instructions

0.1.1 **IMPORTANT**: Read through this instruction manual thoroughly and familiarize yourself with the Seed Control Unit before installation of these components.

This instruction manual explains the proper procedure for installation of the Redekop Seed Control Unit. 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 Follow Safety Instructions

0.4.1 Carefully read all safet.y messages in this manual and on your machine. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new Seed Control Unit components and repair parts include the current safety signs. Replacement safety signs are available from your dealer.

There can be additional safety information contained on parts and components sourced from suppliers that is not reproduced in this manual.

Learn how to operate the Seed Control Unit and how to use controls properly. Do not let anyone operate without instruction.

Keep your Seed Control Unit in proper working condition. Unauthorized modifications to the Seed Control Unit may impair the function and/or safety and affect the Seed Control Unit's life.

If you do not understand any part of this manual and need assistance, contact your dealer.

0.5 Safe Operating Practices

0.5.1 DO NOT stand near the straw chopper and Seed Control Unit when combine is running.

ALWAYS refer to your Combine Operator's Manual and review the Safety section before operating machine. The Combine Operator's Manual details safe operating practices that must be followed to protect you and others from accidental injury and/or death.

Operate Seed Control Unit only when all guards are correctly installed.

Before moving away, always check immediate vicinity of Seed Control Unit (e.g. for children). Ensure adequate visibility. Use a horn as a warning immediately before moving away.

When making turns, always take into consideration the width of the attachment and the fact that the rear end of the machine swings out. Attachments and ground conditions affect the driving characteristics.

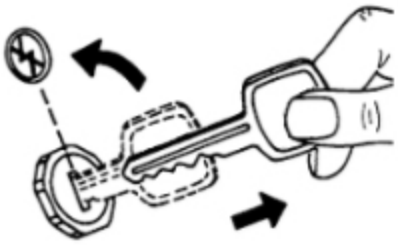
Never leave combine unattended as long as engine is running.

0.6 Work In Ventilated Area

0.6.1 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.

0.7 Remove Key from Ignition



0.7.1 ALWAYS shut off combine engine prior to working on it.

Apply park brake, remove key and lock operators cab.

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

0.8 Block Wheels

0.8.1 Park the combine on level ground.

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

0.9 Practice Safe Maintenance

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

Never lubricate, service, or adjust Seed Control Unit 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.

On self-propelled equipment, disconnect battery ground cable (-) before making adjustments on electrical systems or welding on Seed Control Unit.

0.10 Guards and Shields

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

0.11 Avoid Contact With Moving Parts

0.11.1 Keep hands, feet and clothing away from power driven parts. Never clean, lubricate or adjust Seed Control Unit when it is running.

0.12 Avoid High-Pressure Fluids

0.12.1 Inspect hydraulic hoses periodically – at least once per year – for leakage, kinking, cuts, cracks, abrasion, blisters, corrosion, exposed wire braid or any other signs of wear or damage.

Replace worn or damaged hose assemblies immediately.

Escaping fluid under pressure can penetrate the skin causing serious injury.

Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.

Search for leaks with a piece of cardboard. Protect hands and body from high-pressure fluids.

If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source.

0.13 Dispose of Waste Properly

0.13.1 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.

0.14 Use Proper Lifting Equipment

0.14.1 Lifting heavy components incorrectly can cause severe injury or Seed Control Unit damage.

Follow recommended procedure for removal and installation of components in the manual.

Ensure lifting equipment is rated for the job

Ensure operator is appropriately licensed to operate lifting equipment

0.15 Personal Protective Equipment (PPE)

0.15.1 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.

0.16 Sound Level

0.16.1 This product produces sound pressure levels in excess of 90 dB within 10m of discharge area.

Hearing protection is required!

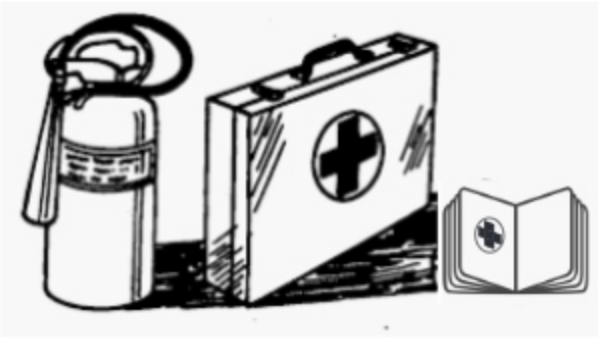
Interference with speech communication, acoustic signals is possible.

0.17 Prepare for Emergencies

0.17.1 Be prepared if a fire starts.

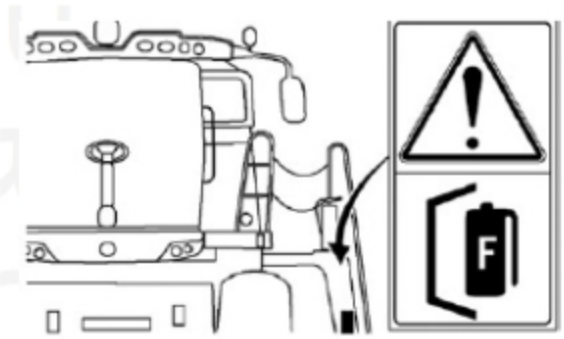
Keep a first aid kit and fire extinguisher handy.

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



0.18 Fire Extinguisher

0.18.1 A 6 kg (15 lb) general-purpose fire extinguisher meeting national certification requirements must be installed on left side of operator's platform.



Maintain fire extinguisher to keep it in operating condition.

Make sure that the fire extinguisher is always ready for use. Refer to the fire extingisher's manual for instructions on how to operate it. Once extinguisher is operated - no matter how long - it must be recharged.

Keep the engine clean and free of dust, chaff and straw to prevent the possibility of fire.

0.19 Remove Accumulated Crop Debris

0.19.1 The build up of chaff and crop debris in the engine compartment, on the engine, and near moving parts is a fire hazard. Check and clean these areas frequently.

0.20 In the Event of Fire

0.20.1 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 injurty. 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 guidlines:

1. Remove fire extinguisher from bracket and carry it to the area of fire.
2. Approach area of fire 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.

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)
M16 - flanged	231 / (171)	331 / (244)
- non flanged	210 / (155)	301 / (222)

0.21 Safety Decals

Hand Injury / Rotate Danger
RP871

Projectile Hazard / Stand Clear
RP872

Caution / Check Service Manual
RP873

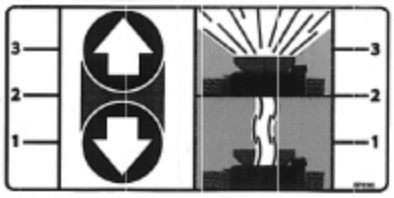
Keep Hands out of Belt Area
RP874

High Pressure Fluid Hazard / Check Service Manual
RP876

Pinch Point Hazard
84394351

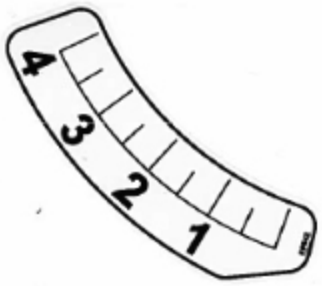
0.22 Information Decals

Windrow Floor Adjustment
Wide Spread / No Spread
RP896



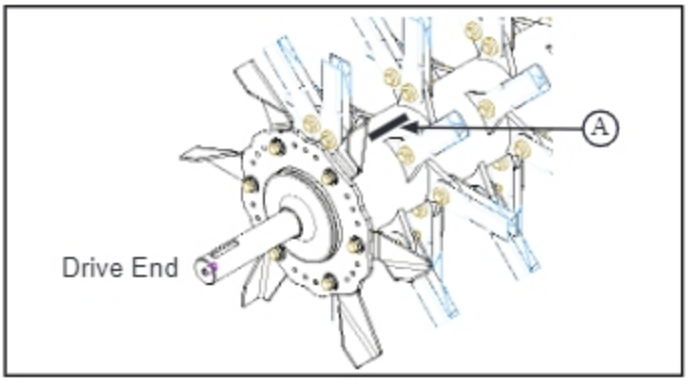
Redekop Serial Number Plate
RP1171

Knifebar Adjustment
RP942



0.23 Serial Number

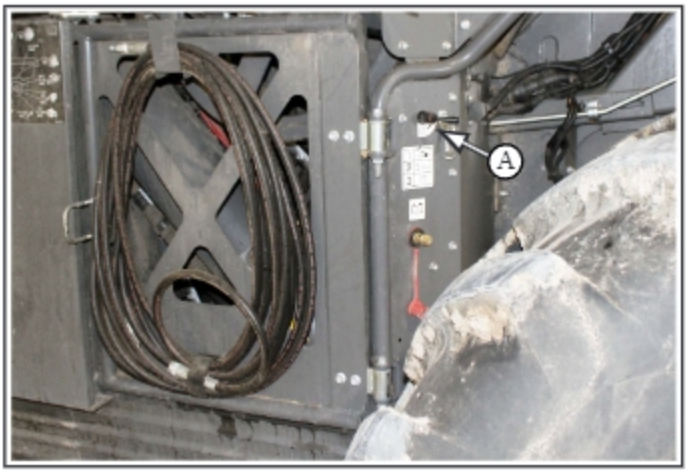
1. Rotor serial number (A):
- stamped on the rotor, located on the drive end



2. Straw chopper serial number plate (B):
- located on the chopper wall, non-drive side, below the rotor shaft shield

Master Power

1. Shut off engine, remove keys from the combine cab
2. Block wheels on level ground
3. Lift up the left rear side access panel
4. Turn Master Power Off (**A**)



Note: If SCU is being installed at the same time, install SCU before installing chopper

1 Combine Modifications

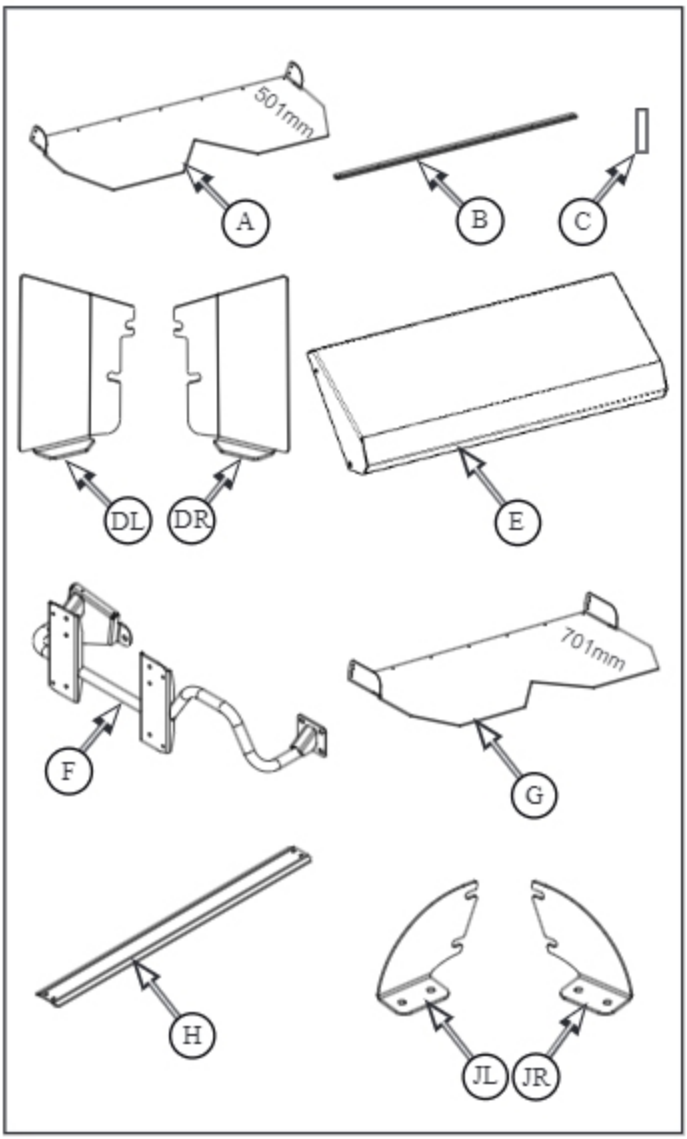
Parts List:

AF172-01	Belting Sieve Extension (**A**)	Qty 1
	OEM Strap Sieve Extension (**B**)	Qty 1
	OEM Strap Sieve Ext - Side (**C**)	Qty 2
AF174CL	Deflector Chaff - Left (**DL**)	Qty 1
AF174CR	Deflector Chaff - Right (**DR**)	Qty 1
AF173C	Straw Wall Panel (**E**)	Qty 1
AF165C	Ladder Mount Frame (**F**)	Qty 1

(if SCU is being installed - obtain from SCU packaging)

for 7 & 8 Series Combines:

AF213-01	Belting Sieve Extension (**G**)	Qty 1
AF214C	Sieve Ext Belting Support Brkt (**H**)	Qty 1
AF215CL	Wall Support Bracket 7&8 Lt (**JR**)	Qty 1
AF215CR	Wall Support Bracket 7&8 Rt (**JR**)	Qty 1

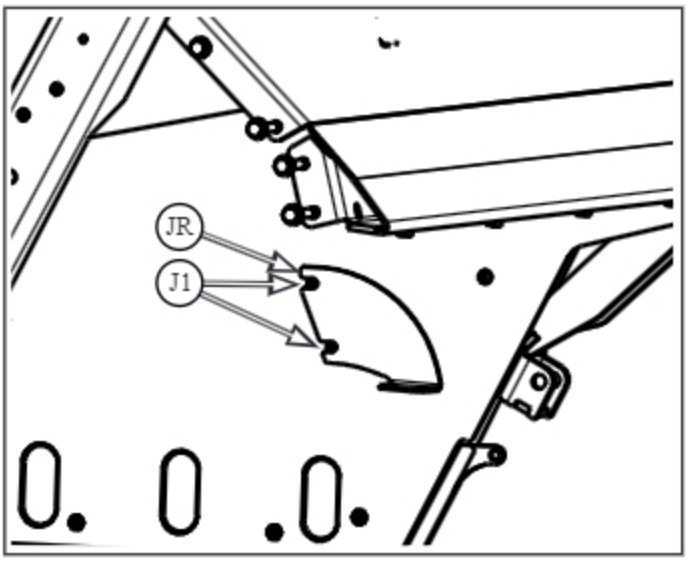


1.1 Sieve Extention Installation

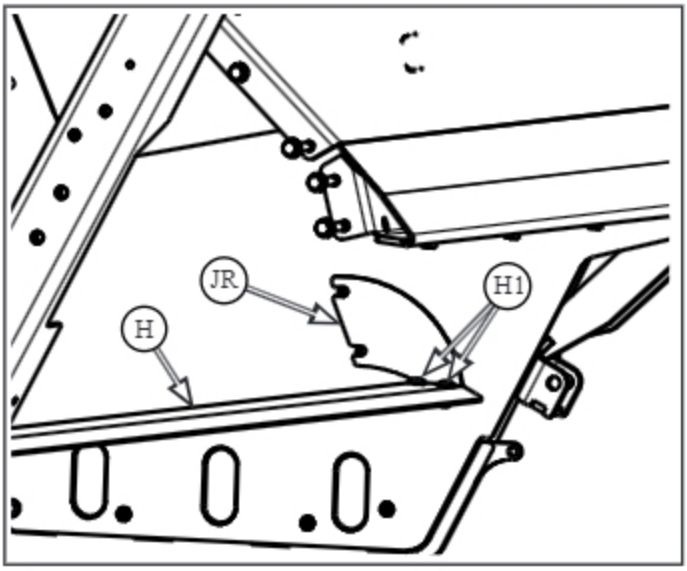
Section 1.1.1 is for 7 & 8 Series Combines only:

1.1.1 Install right wall belt support bracket (**JR**) to right side combine wall, with:
- use existing hardware (**J1**) x2

1.1.1.1 Repeat for left wall

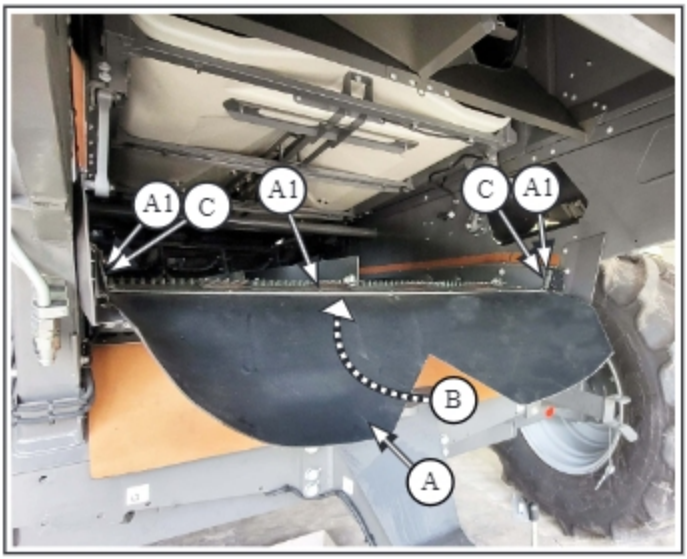


1.1.1.2 Install belting support bracket (**H**) to wall supports (**JL** & **JR**), with:
- M8 x 20 round allen head bolt and flange nut (**H1**) x4



1.1.2 Install new sieve extension belting (**A**) onto bottom side of sieve extension, with:
- .188 x .75 rivets (**A1**) x12
- reuse OEM long strap (**B**) on bottom of belting
- reuse OEM side strap (**C**) x2
- ensure the textured side of the belting faces down

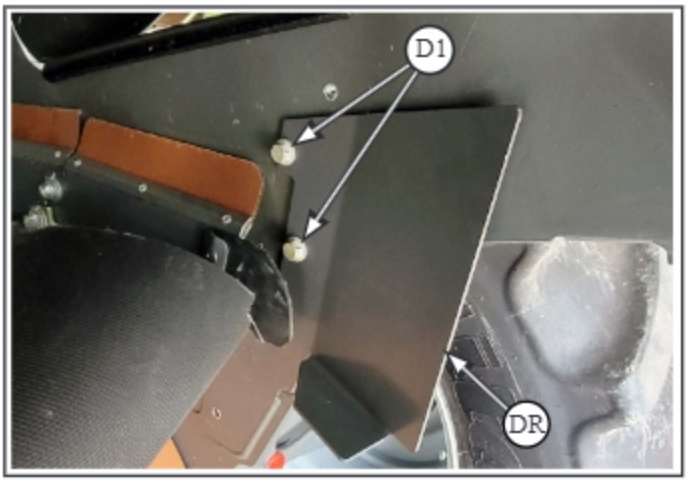
1.1.2.1 Ensure belting is over top of belt support bracket (**H**) on 7 & 8 Series combines



1.2 Sieve Extention Installation

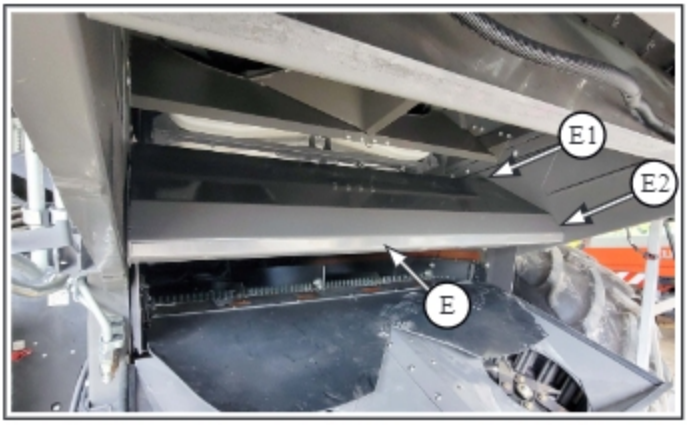
1.2.1 Install right chaff deflector (**DR**), with:
- reuse existing hardware (**D1**) x2

1.2.2 Repeat for left side



1.3 Straw Wall Panel Installation

1.3.1 Install straw wall panel (**E**), with:
- reuse existing hardware (**E1**) x2 for top
- do not install bottom hardware (**E2**) x2 at this time, will be installed once chopper has been installed



1.4 Ladder Mounting Frame Installation

NOTE:
- If SCU is not being installed at this time - OEM ladder mounting frame will remain in place

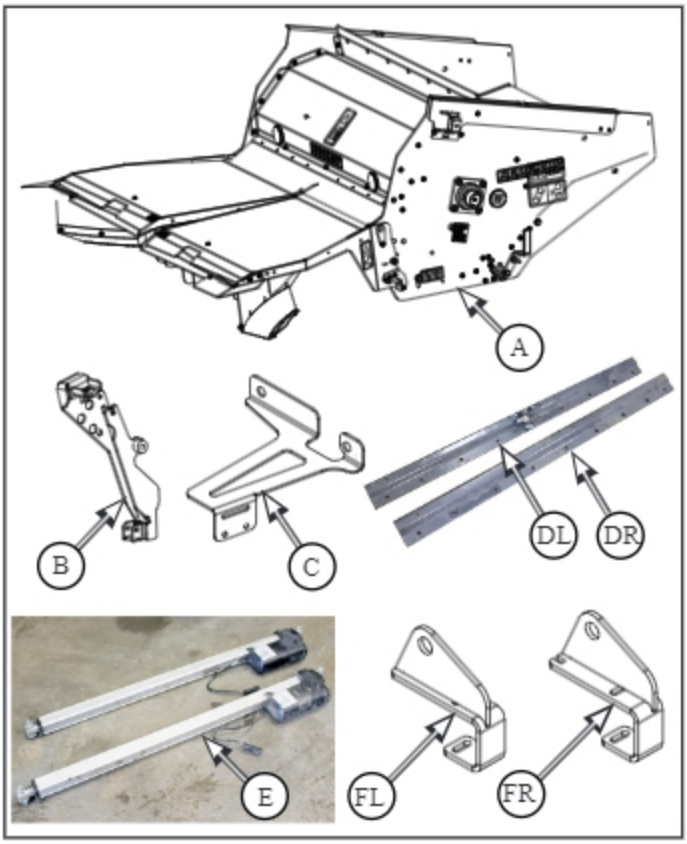
- If SCU is to be installed - OEM ladder mounting frame will have been removed for installation of the new ladder mounting frame - see SCU Installation Manual for installation procedure

2 Chopper Installation

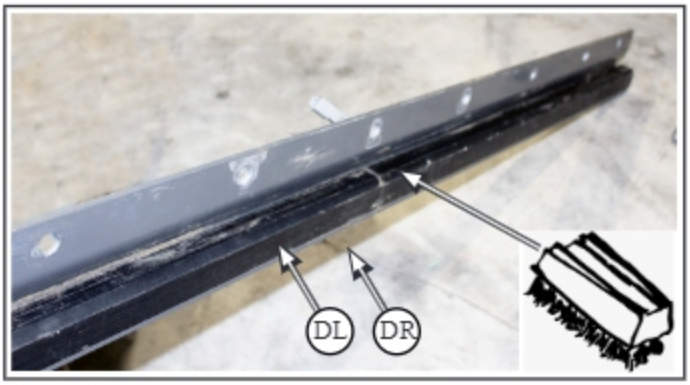
Note: If SCU is to be installed, install before chopper installation - see SCU installation manual SC002-05

Parts List:

AF100CA	MAV Chopper (**A**)	Qty 1
AF230C	Actuator Mount Bracket (**B**)	Qty 1
AF197C	Shield Mount Bracket (**C**)	Qty 1
	OEM Sliding Rail Lt (**DL**)	Qty 1
	OEM Sliding Rail Rt (**DR**)	Qty 1
	OEM Actuator (**E**)	Qty 2
AF177CL	Chopper Stop Bracket Lt (**FL**)	Qty 1
AF177CR	Chopper Stop Bracket Rt (**FR**)	Qty 1

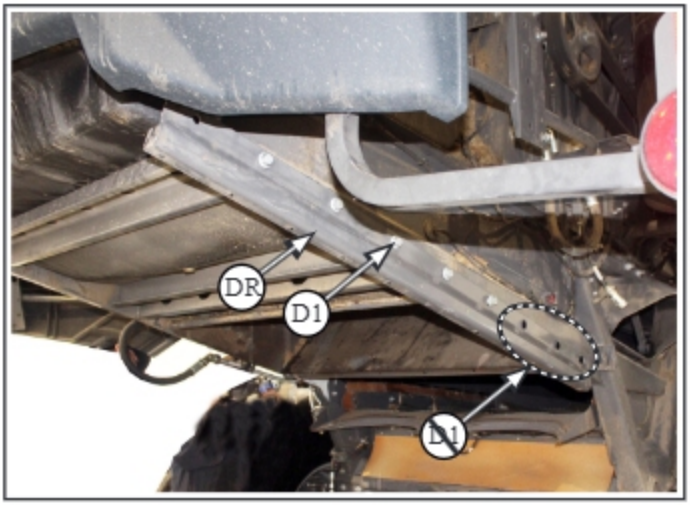


2.1 Clean out all debris from OEM slider rails (**DL** & **DR**)

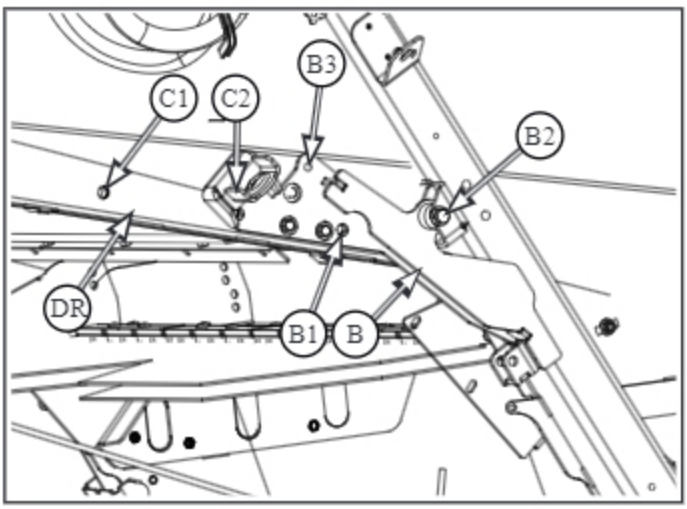


2.1.1 Clean out all debris from bottom of combine rear wall
- both sides

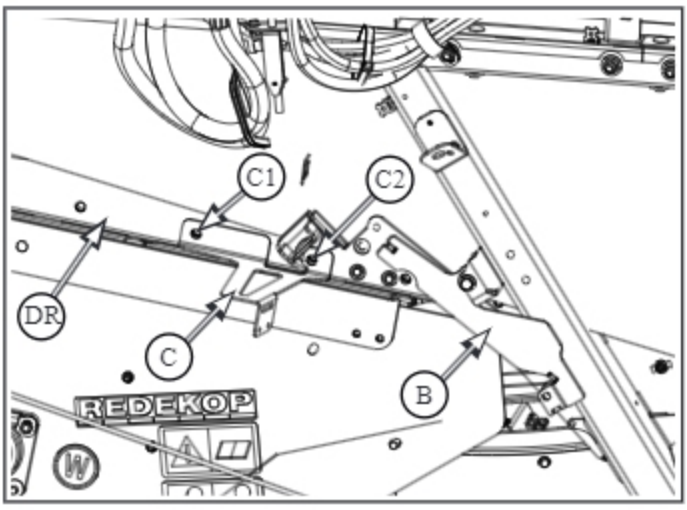
2.2 Install right slide rail (**DR**) to right combine wall, with:
- reuse existing hardware (**D1**) x5
- do not install hardware in front 3 holes at this step
- do not tighten at this step



2.3 Install actuator mount bracket (**B**) to front of right slide rail (**DR**), with:
- reuse existing hardware (**B1**)
- M12 x 60 flange head bolt and locknut (**B2**)
- M8 x 80 flange head bolt and flange nut (**B3**)
- do not tighten at this step



2.4 Install shield mount bracket (**C**) to front of right slide rail (**DR**), with:
- reuse existing hardware (**C1**)
- M16 x 60 flange head bolt (**C2**)
- do not tighten at this step



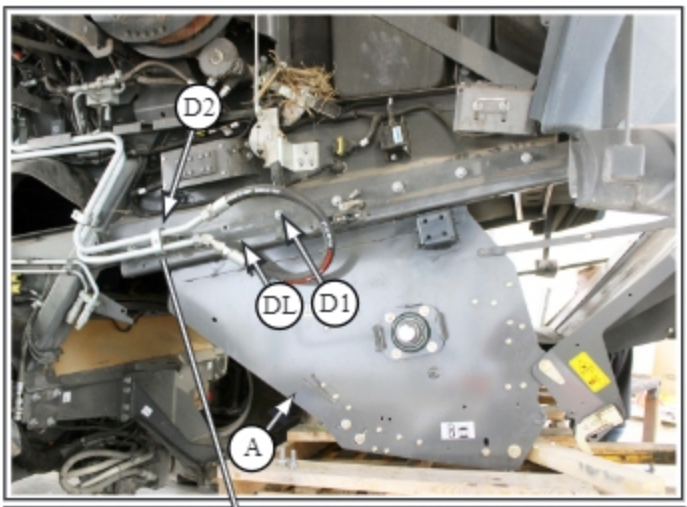
2.5 Install straw chopper (**A**)

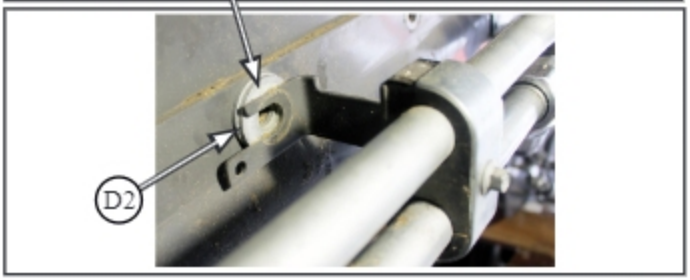
CAUTION

This component weighs 1500 lbs / 680 kg
Use a forklift with appropriate capacity

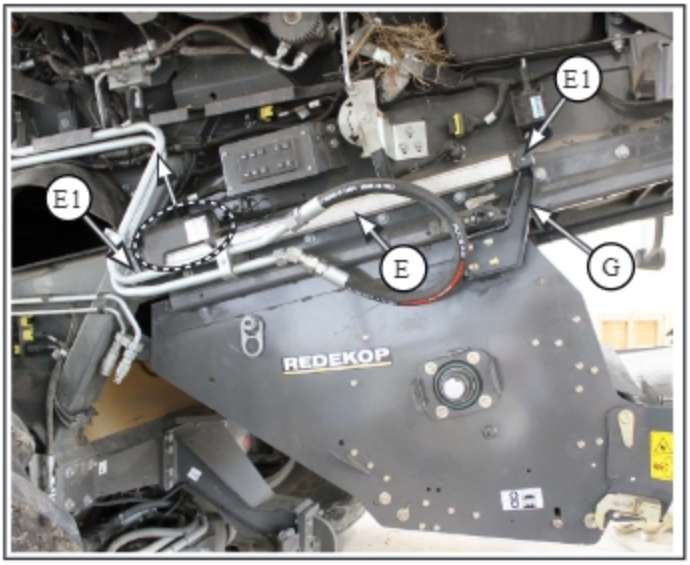
2.5.1 Lift chopper (**A**) up and slide right upper wall into right slide rail (**DR**)

2.5.2 Install left slide rail (**DL**) to left combine wall, with:
- reuse existing hardware (**D1**) x8
- slide chopper forward
- tighten all hardware (**D1**) both sides
  - ensure spacer washers (**D2**) (if previously there) are re-installed behind hydraulic hose bracket

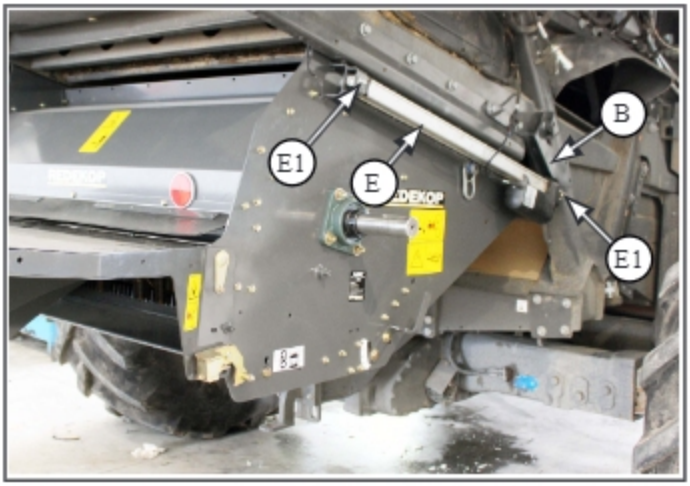




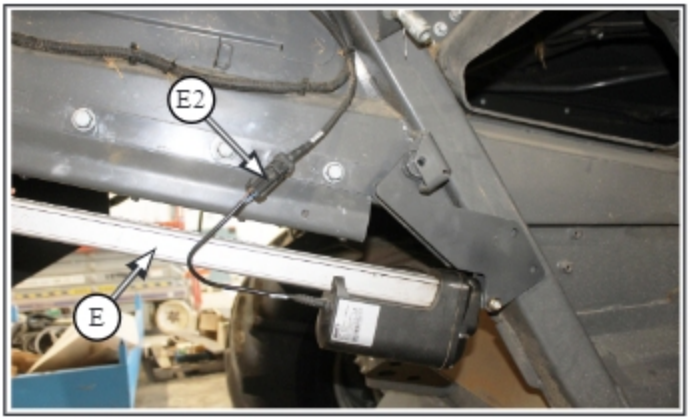
2.5.3 Install actuator (E) to left mounting bracket on combine and mounting plate (G) on chopper, with
- reuse existing hardware (**E1**) x2
- ensure base of actuator is mounted on combine bracket and is facing up



2.5.4 Install actuator (E) to right mounting bracket (B) on combine and mounting bracket on chopper, with
- reuse existing hardware (**E1**) x2



2.5.5 Connect actuator harness (**E2**) to combine harness
- both sides



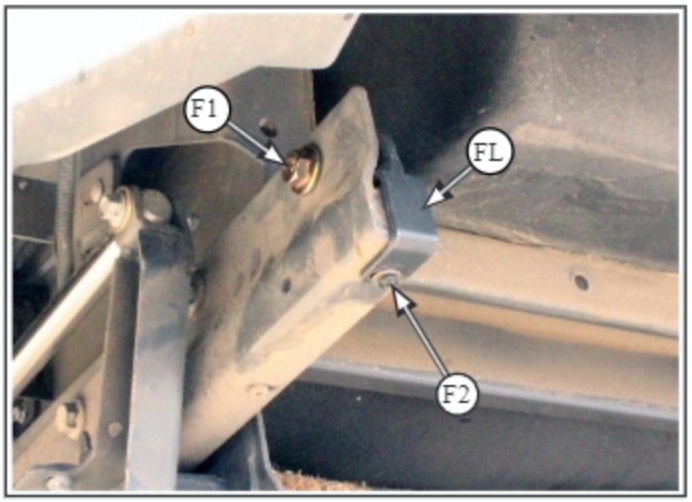
2.5.6 Install chopper stops (**FL** & **FR**) onto rear of chopper rail

2.5.6.1 Remove screw (**A1**) from bottom of rail
- not to be reused

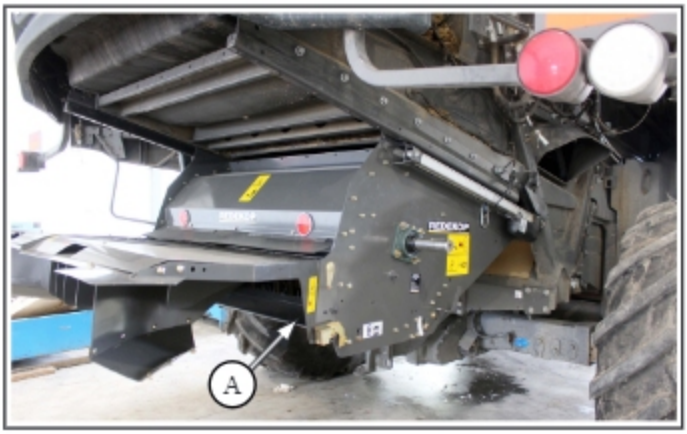
2.5.6.2 Drill 7mm hole up thru hole (**A1**) thru top of poly

2.5.6.3 Install chopper stop (**FL**) onto rear of left chopper rail, with:
- M16 x 35 flange head bolt & flange nut (**F1**)
- M6 x 70 hex head bolt, flat washers & lock nut (**F2**)

2.5.6.4 Repeat for right side



2.5.7 View with chopper (**A**) installed on combine



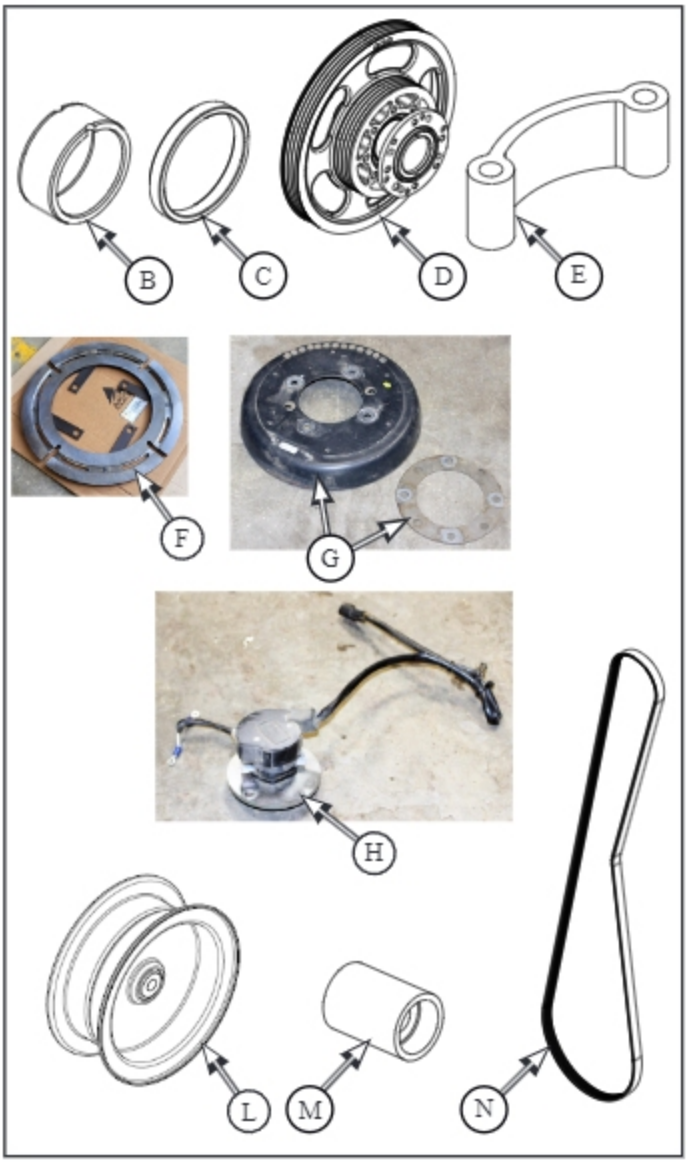
3 Chopper Drive Installation

Chopper Installation Only

if SCU is being installed, see SCU Installation Manual for drive component installation

Parts List:

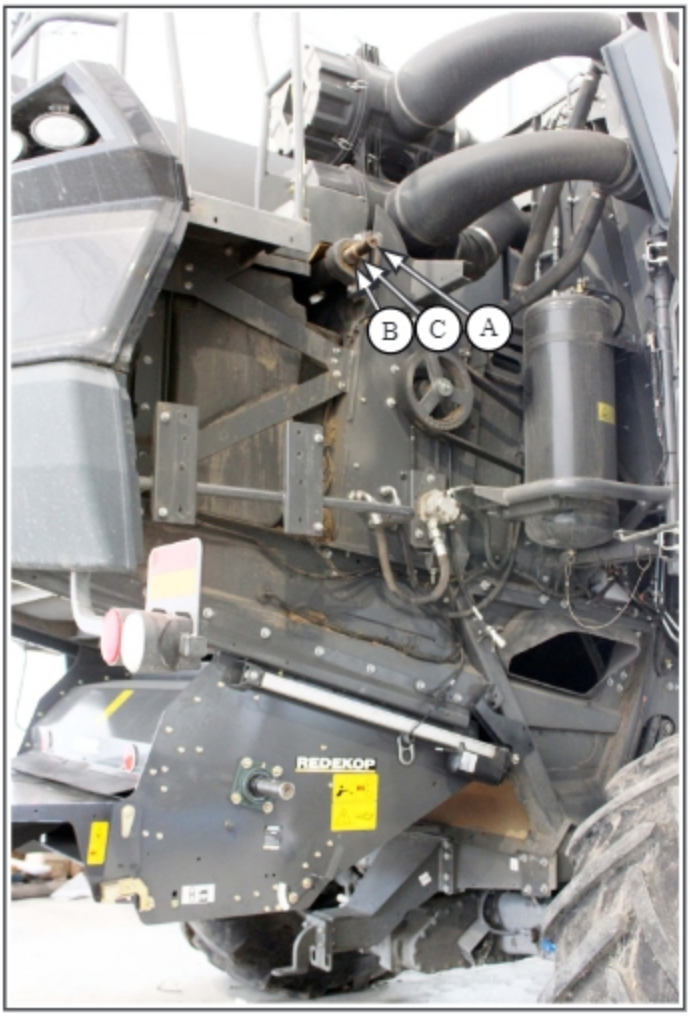
SC641Z	Spacer 55mm (**B**)	Qty 1
AF210Z	Spacer 7.75mm Top Drive (**C**)	Qty 1
SC645A	Chopper Drive Assy (**D**)	Qty 1
SC756Z	Spacer Drive Ideal WO Clutch (**E**)	Qty 2
	OEM Clutch Plate (**F**)	Qty 1
	OEM Clutch Cover & Shim Plate (**G**)	Qty 1
	OEM Clutch Electrical Assy (**H**)	Qty 1
RP1434	Idler (**L**)	Qty 1
AF209Z	Spacer (**M**)	Qty 1
BE4M180K	VBelt 4M 180L (**N**)	Qty 1

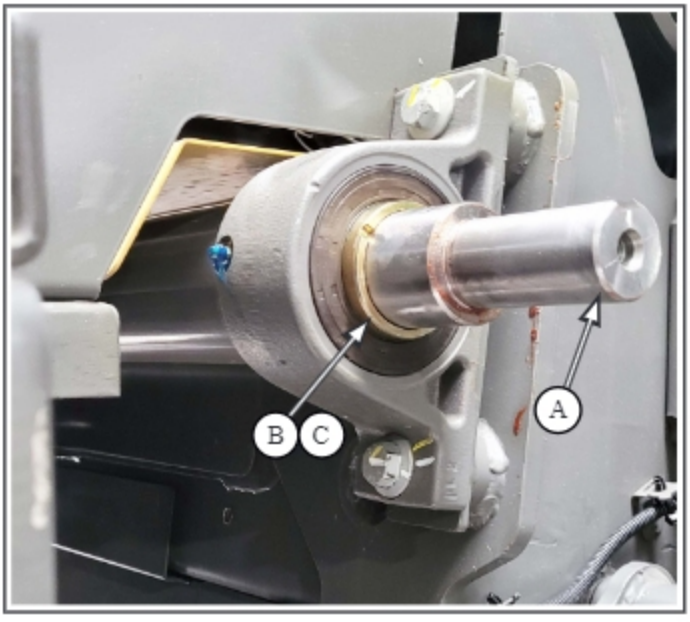


3.1 Install 55mm spacer (B) onto driveshaft (**A**)

** **Required for Chopper installation only** **

3.2 Install 7.75mm spacer (C) onto driveshaft (**A**)
- not required for SCU installation

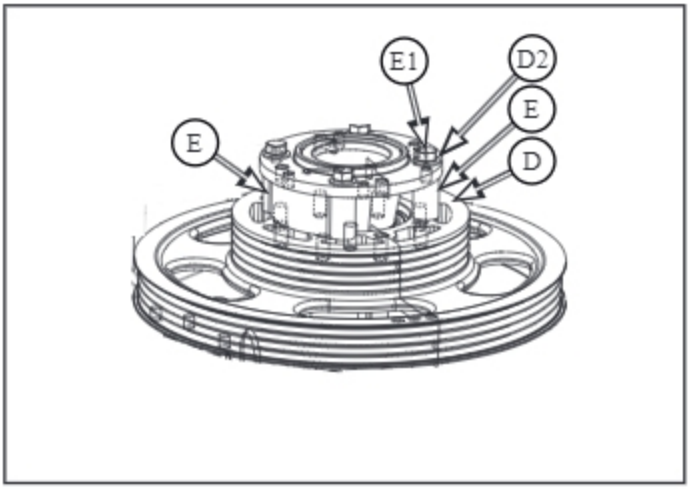




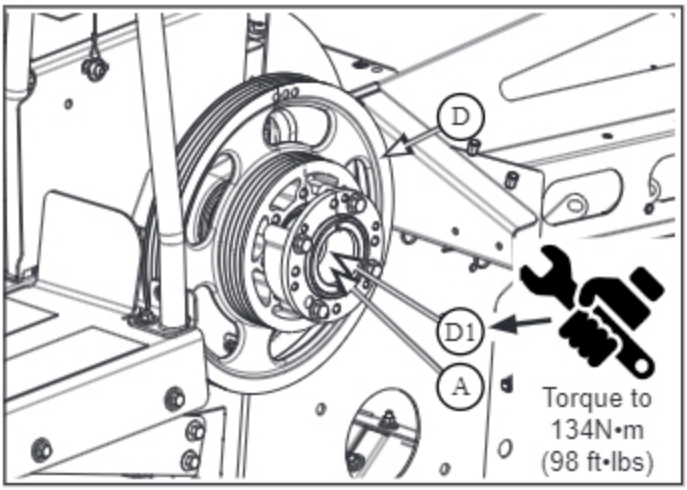
If Not Equipped with Chopper Drive Clutch, proceed with this section:

If equipped with chopper drive clutch, skip to section 3.5

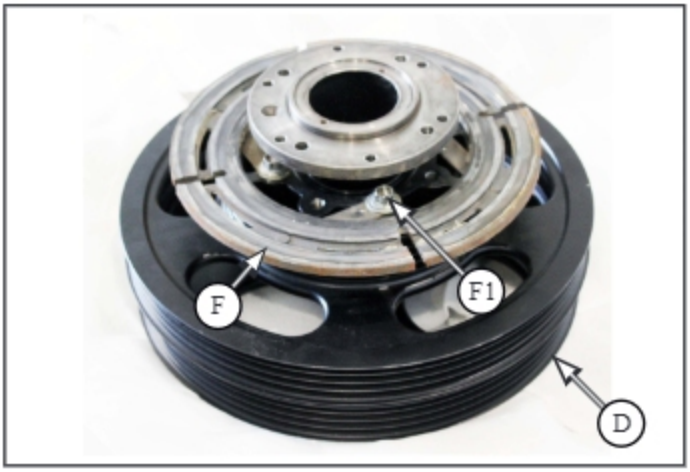
3.3 Install spacer (**E**) x2 onto drive assembly (**D**) between driver sheave and hub (**D2**), with:
- M12 x 80 flange head bolt (**E1**) x4



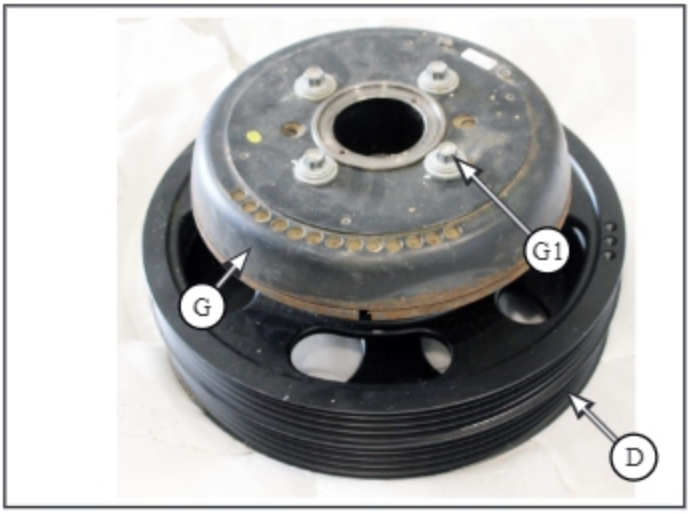
3.4 Install drive assembly (**D**) onto driveshaft (**A**), with:
- reuse existing, key, bolt and washer (**D1**)
- Torque to 134N*m (98 ft*lbs)



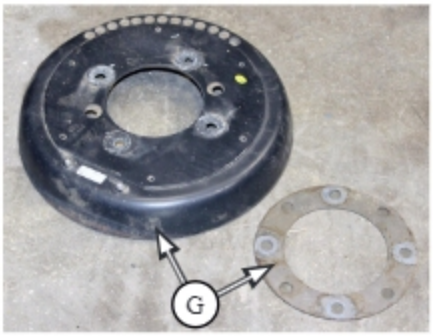
If Equipped with Chopper Drive Clutch, proceed with this section:



3.5 Install OEM clutch plate (**F**) onto drive sheave assembly (**D**), with:
- reuse existing hardware (**F1**) x4

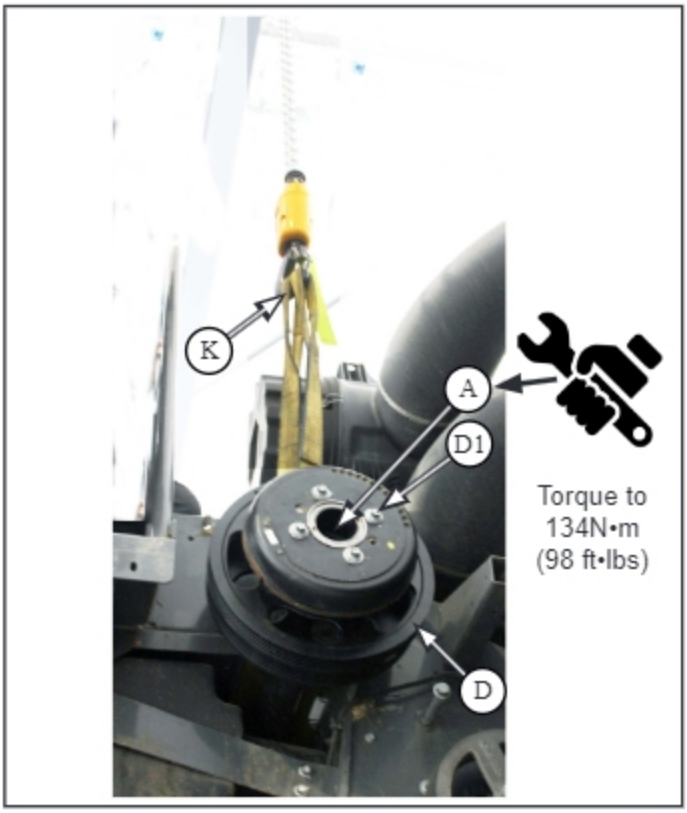


3.6 Install OEM clutch cover and shim plate (**G**) onto drive sheave assembly (**D**), with:
- reuse existing hardware (**G1**) x4

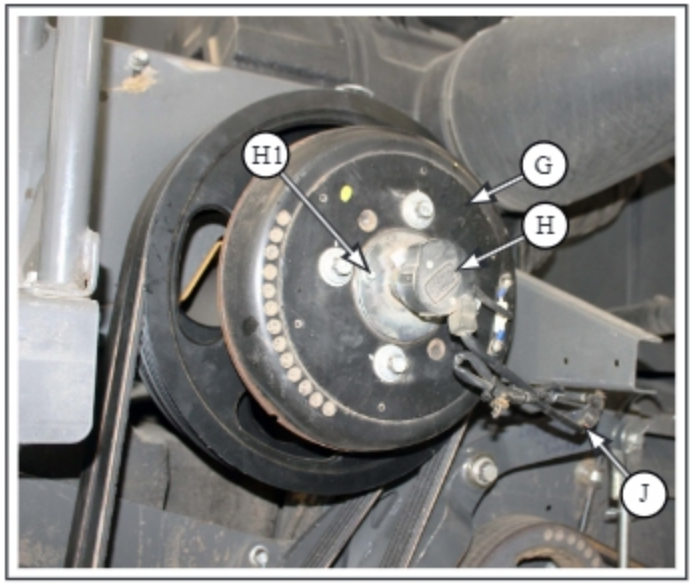


3.7 Install drive sheave assembly (**D**) onto upper drive shaft (**A**), with:
- reuse existing, key, bolt and washer (**D1**)
- Torque to 134N*m (98 ft*lbs)
- apply blue thread locking compound (example: Locktite)

Heavy!
Use Lifting Device (**K**)!



3.8 Install OEM clutch electrical assembly (**H**) onto clutch cover plate assembly (**G**), with:
- reuse existing hardware (**H1**) x4

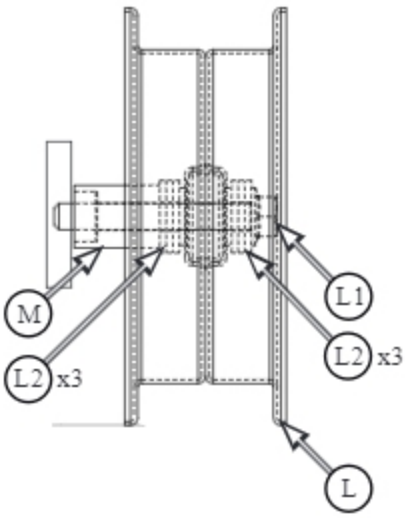


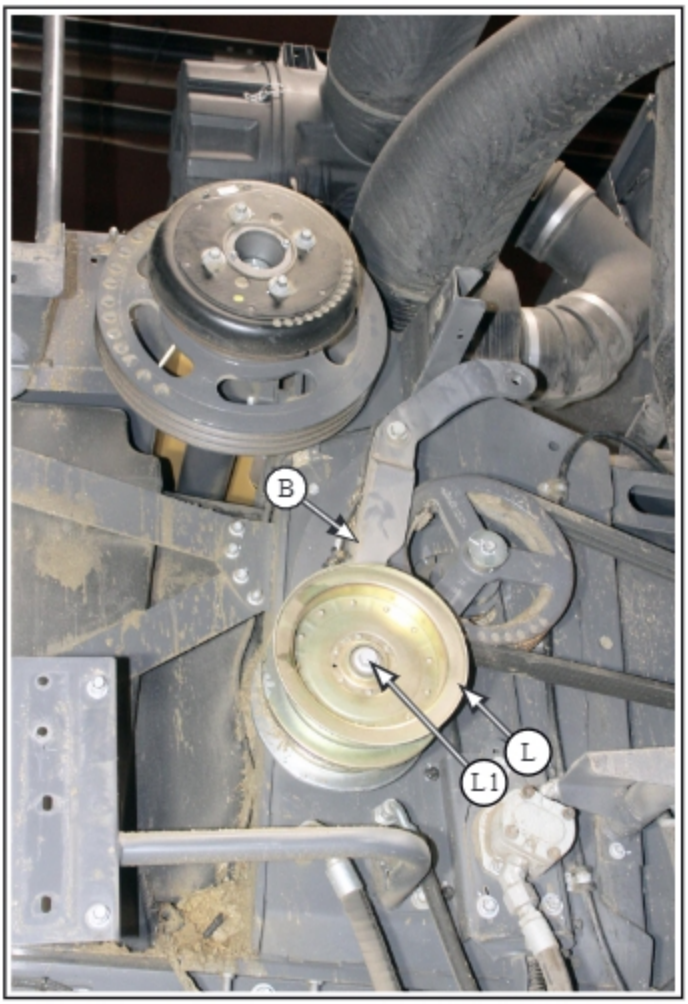
3.9 Connect clutch electrical connector (**J**) to main harness

**** Required for Chopper installation only ****

If SCU is being installed, skip this section and reference SCU Installation manual for procedure

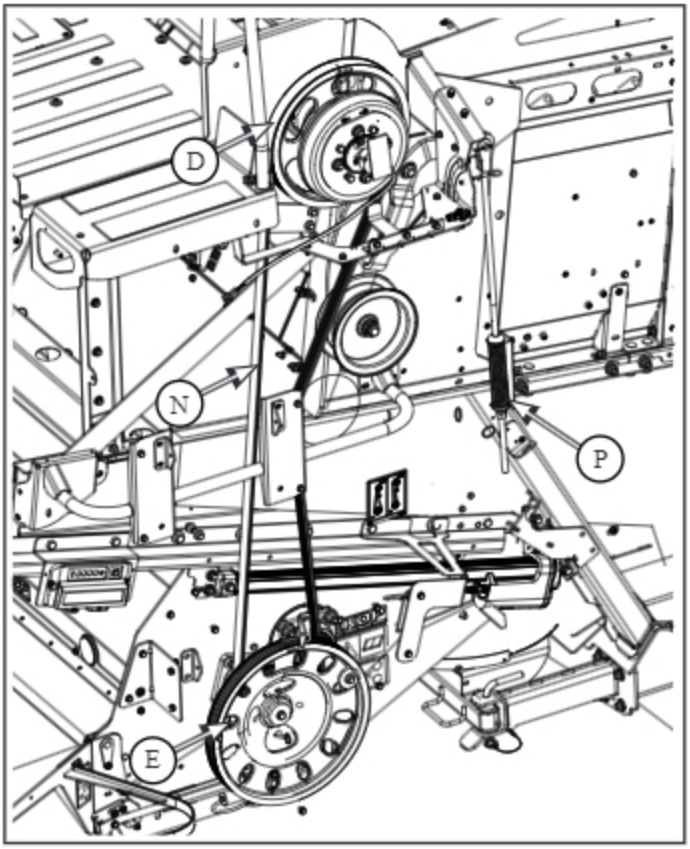
3.10 With belt tensioner arm (**B**) remaining in place on combine side wall, install new belt tensioner idler (**L**) to arm, with:
- M16 x 120 hex head bolt (**L1**), washers (**L2**) x6 and spacer (**M**) as shown below





3.11 Install chopper drive belt (**N**)
If a SCU is being installed, install chopper drive belt when SCU drive belts are being installed

3.11.1 Install chopper drive belt (**N**) from inner most grooves (smallest diameter) on chopper sheave (**D**) to inner set of grooves (largest diameter) on combine sheave (E) - High Speed setting

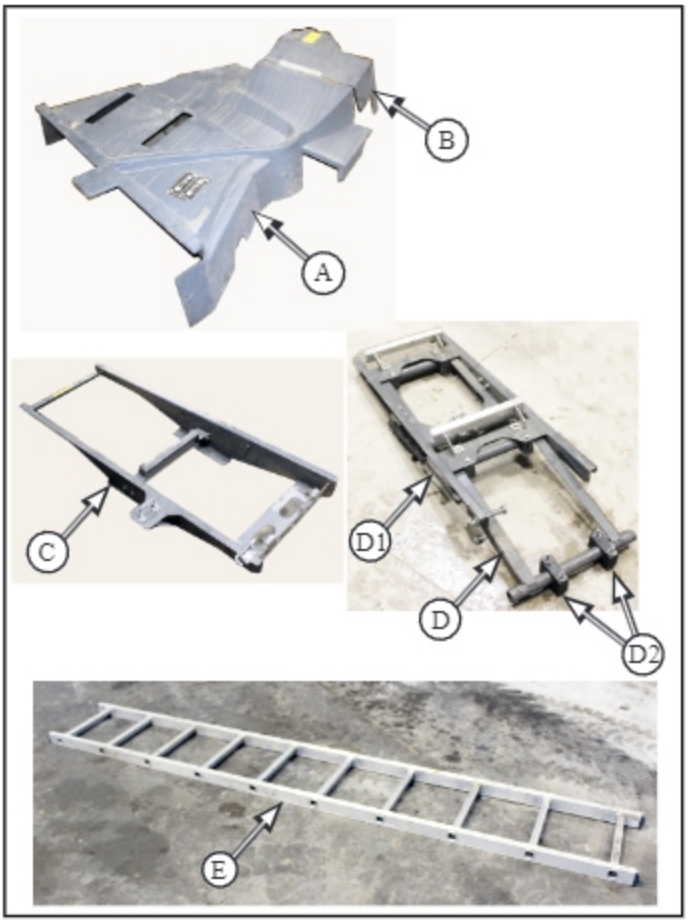


3.12 Tension drive belt (**N**) using spring tensioner link (**P**)
- tighten nut on assembly until end of spring is at indicator

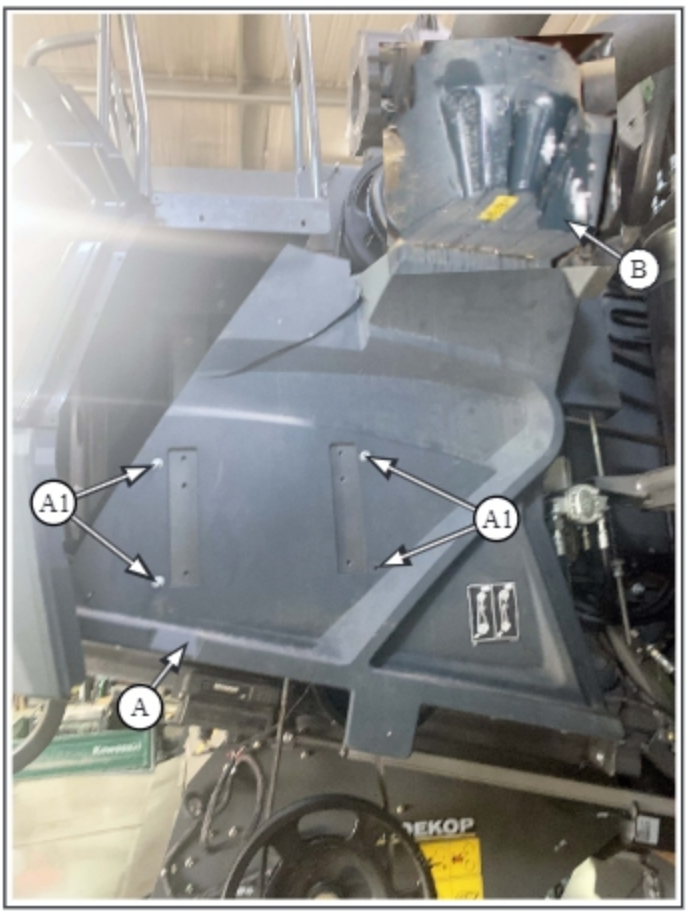
4 Ladder & Frame Installation

Parts List:

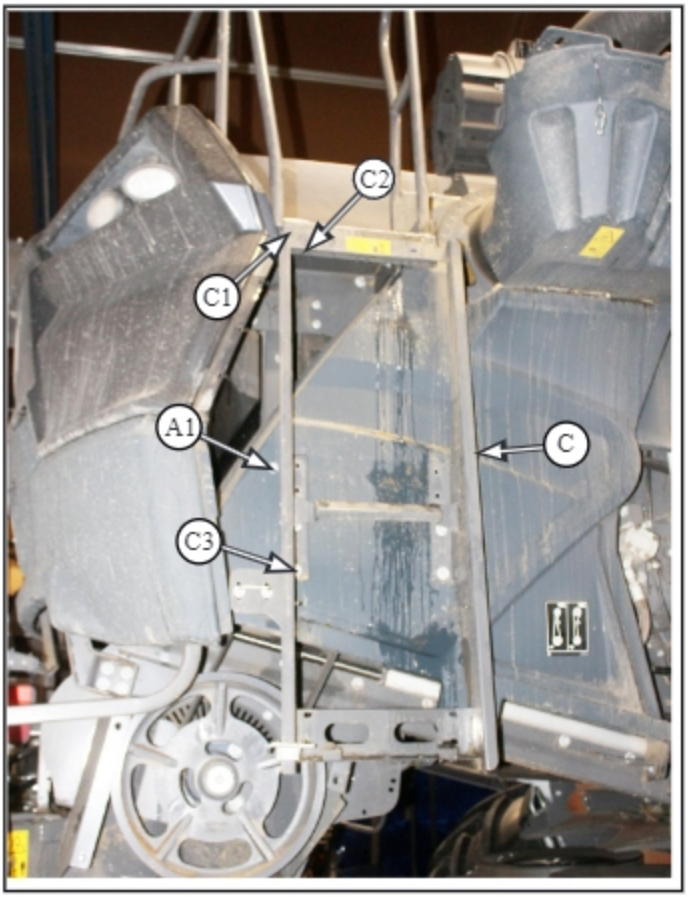
OEM Shield (**A**) & Pulley Cover (**B**)	Qty 1
OEM Ladder Pivot Frame (**C**)	Qty 1
OEM Ladder Frame (**D**)	Qty 1
OEM Ladder (**E**)	Qty 1



4.1 Install shield (**A**) & pulley cover (**B**) onto combine rear right wall over ladder mounting bracket, with:
- reuse existing hardware (**A1**) x4



4.2 Install ladder pivot frame (C) onto combine right wall, with:
- reuse existing hardware:
- handrail connection (**C1**)
- top mounting bolts (**C2**)
- frame bolts (**C3**)

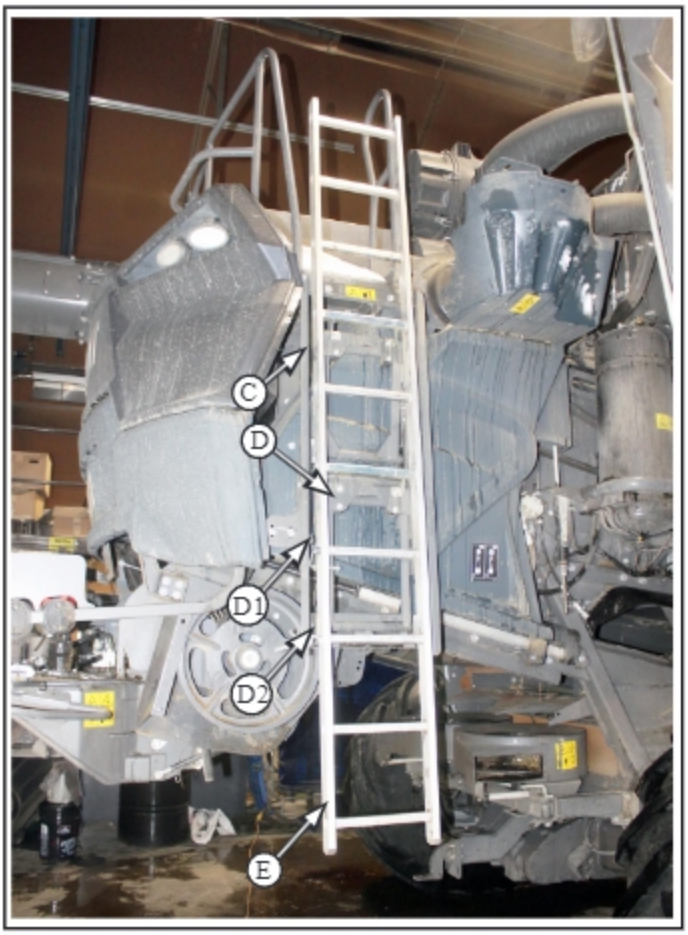


4.3 Install pivot pillar blocks (**D2**) x2

4.4 Connect gas spring (**D1**) x2 from frame

4.5 Install ladder frame (**D**), with:
- reuse existing hardware

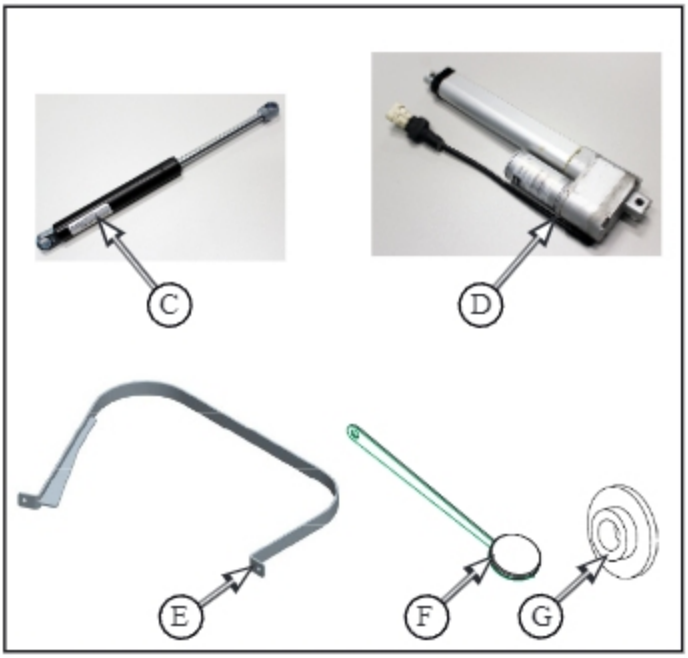
4.6 Install ladder (**E**) onto combine
- lift onto brackets



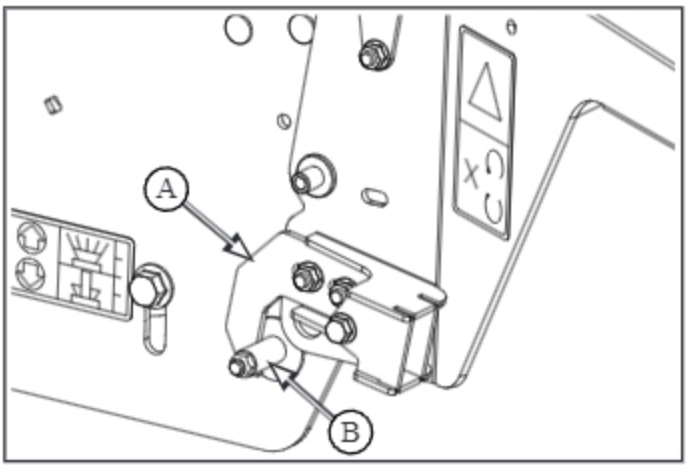
5 Tailboard Component Installation

Parts List:

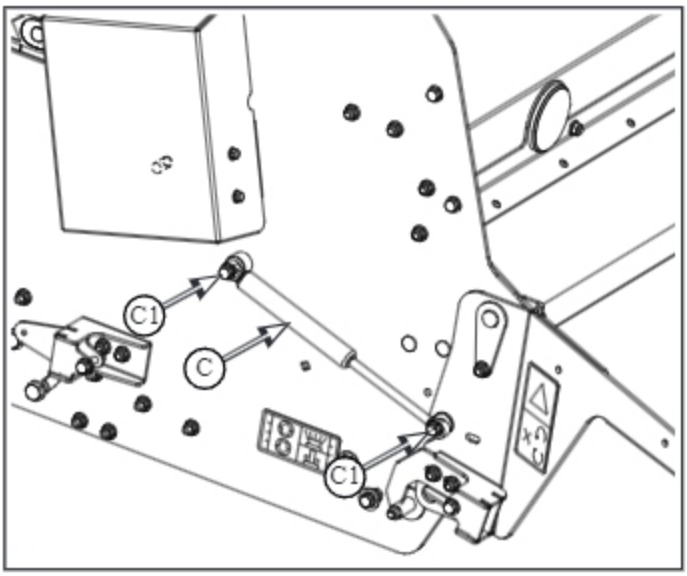
RP951A	Gas Spring (**A**)	Qty 2
CS171C	Tailboard Guard (**B**)	Qty 2
CS990CA	Reflector Bracket Assembly (**C**)	Qty 2
CS991Z	Pivot Bushing (**D**)	Qty 2
RP1058	Actuator Tailboard (**E**)	Qty 2



5.1 In order to pivot tailboards down into position, the hook (**A**) will have to be removed and reinstalled when tailboard is lowered and hook is able to be on front side of pin (**B**)
- both sides



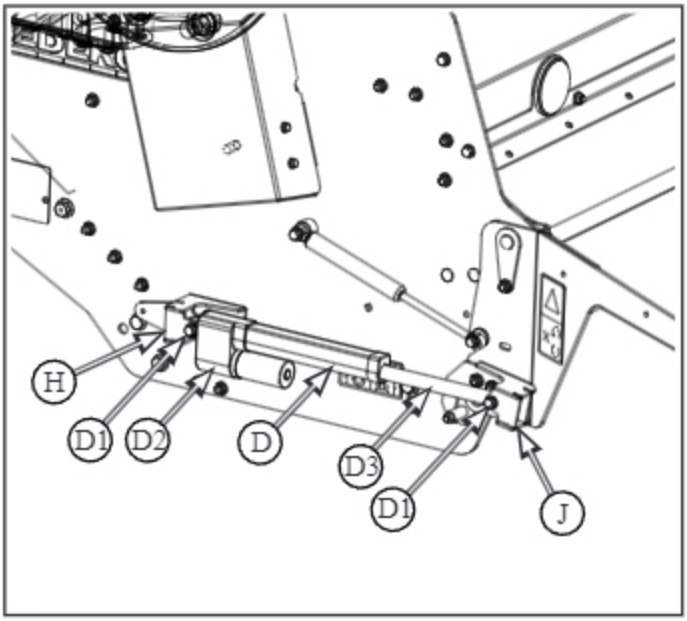
5.2 Install gas shock (**C**) on to chopper and tailboard studs, with:
- M8 x 20 flange bolt (**C1**) x2
- both sides



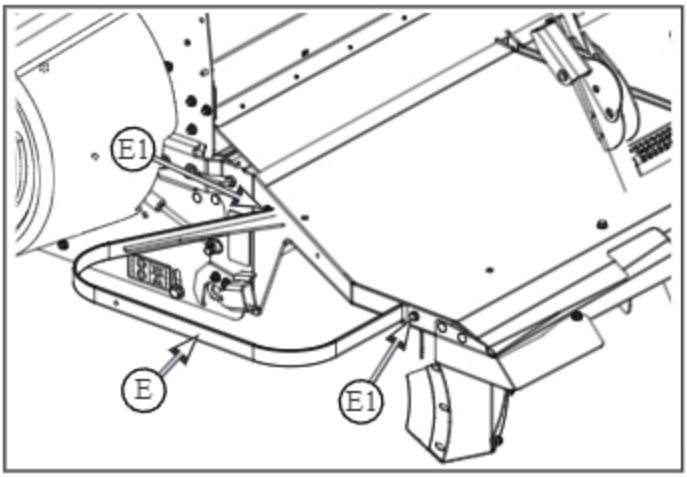
Note:
Replace gas springs every two (2) years

5.3 Install base (**D2**) of actuator (**D**) into chopper bracket (**H**), with:
- M8 x 40 flange bolt and lock nut (**D1**)
- both sides

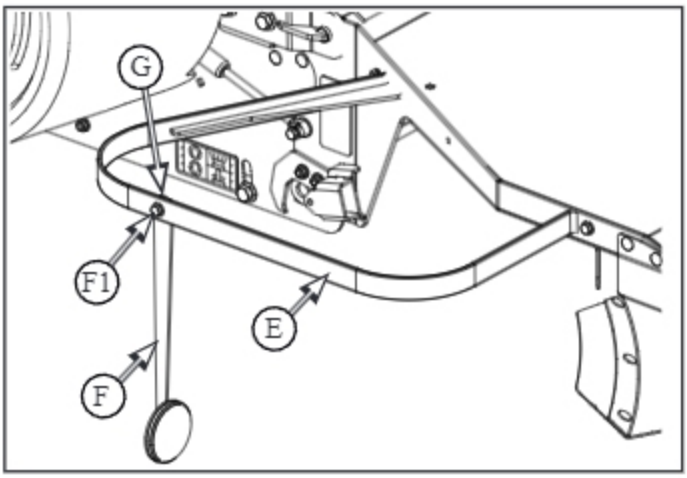
5.3.1 Once the electronics have been connected and setup, install shaft (**D3**) of actuator (**D**) into tailboard bracket (**J**), with:
- M8 x 40 flange bolt and lock nut (**D1**)
- both sides



5.4 Install tailboard guard (**E**) on to chopper and tailboard studs, with:
- M8 x 20 flange bolt and flange nut (**E1**) x2
- both sides



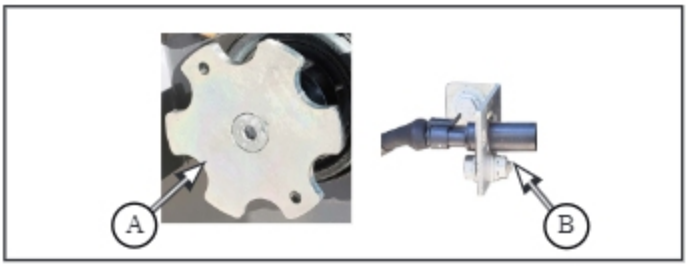
5.5 Install reflector bracket assembly (**F**) to tailboard guard (**E**), with:
- M8 x 25 flange bolt, spacer bushing (**G**) and flange nut (**F1**)
- both sides



6 Chopper Speed Sensor Installation

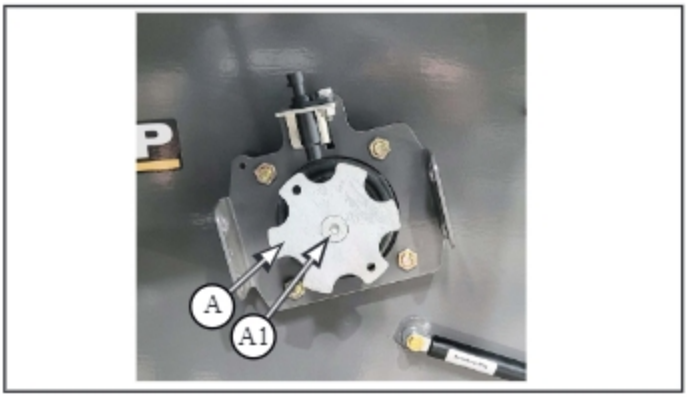
Parts List:

OEM Speed Sensor Target (**A**)	Qty 1
OEM Speed Sensor & Bracket (**B**)	Qty 1

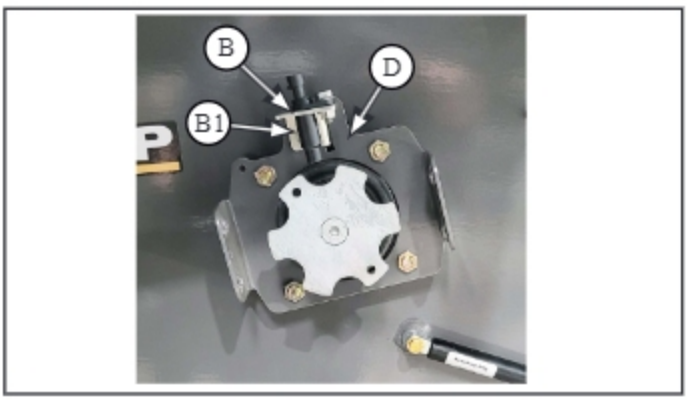


6.1 Remove chopper shaft shield (C)
- hardware (**C1**) and shield (C) to be reinstalled

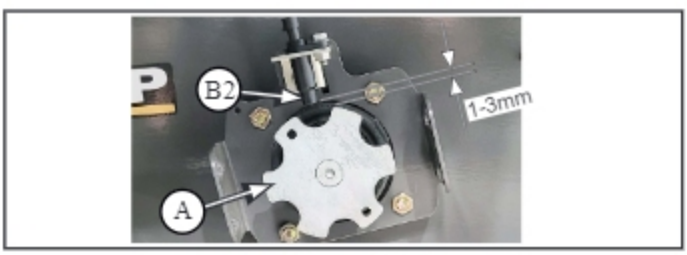
6.2 Install speed sensor target (**A**) to end of chopper shaft, with:
- reuse existing hardware (**A1**)



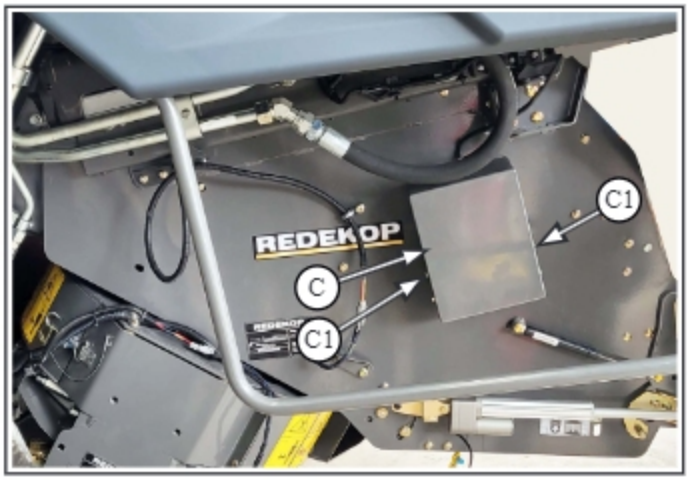
6.3 Install speed sensor & mount bracket (**B**) to chopper shaft shield mounting bracket (**D**), with:
- reuse existing hardware (**B1**)



6.3.1 Adjust distance of speed sensor (**B2**) from target (**A**) to be 1-3mm



6.4 Reinstall chopper shaft shield (C), with:
- reuse hardware (**C1**)



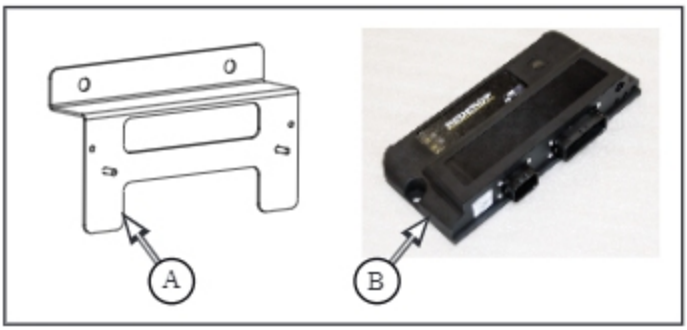
7 Electrical Installation

If SCU is being installed, reference SCU installation manual for parts and procedure

7.1 ECU Installation

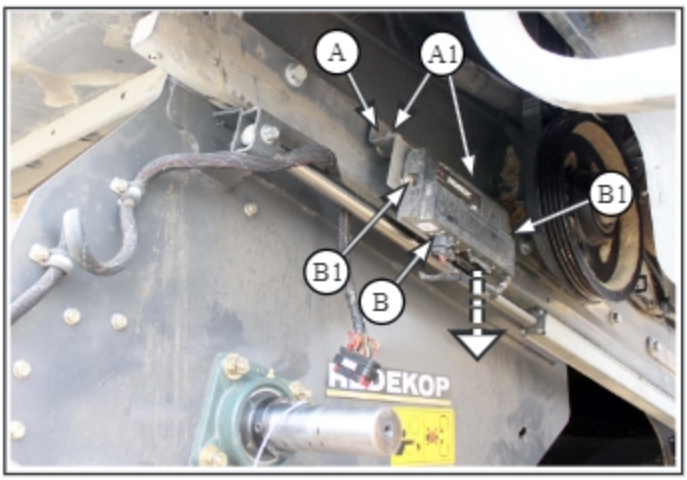
Parts List:

AF168C	ECU Mount Plate (**A**)	Qty 1
RP1021	ECU (**B**)	Qty 1



7.1.1 Install ecu mount plate (**A**) to right side of combine rail, with:
- reuse rail mount hardware (**A1**) x2

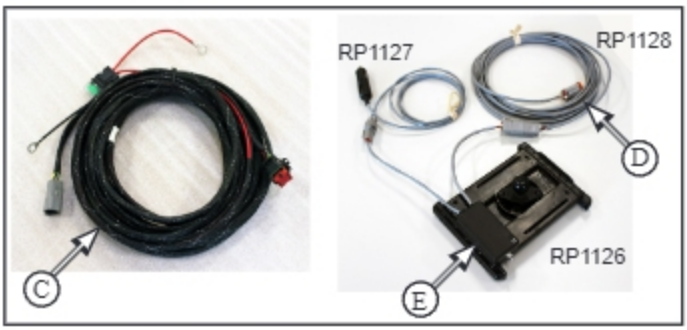
7.1.2 Install ecu (**B**) to studs on mount plate (**A**), with:
- M6 flange nut (**B1**) x2
- ensure that the connector receptacles of the ECU are facing downward (see arrow)



7.2 ECU Power/Cab Harness Installation

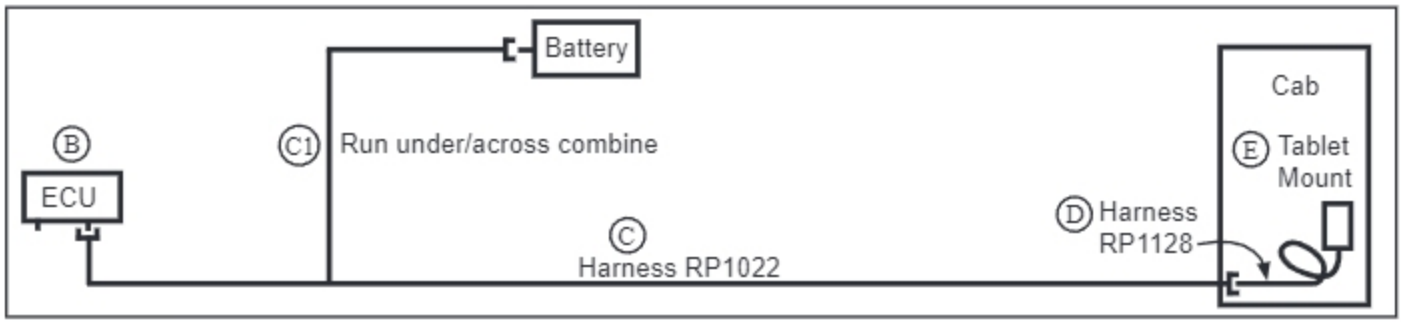
Parts List:

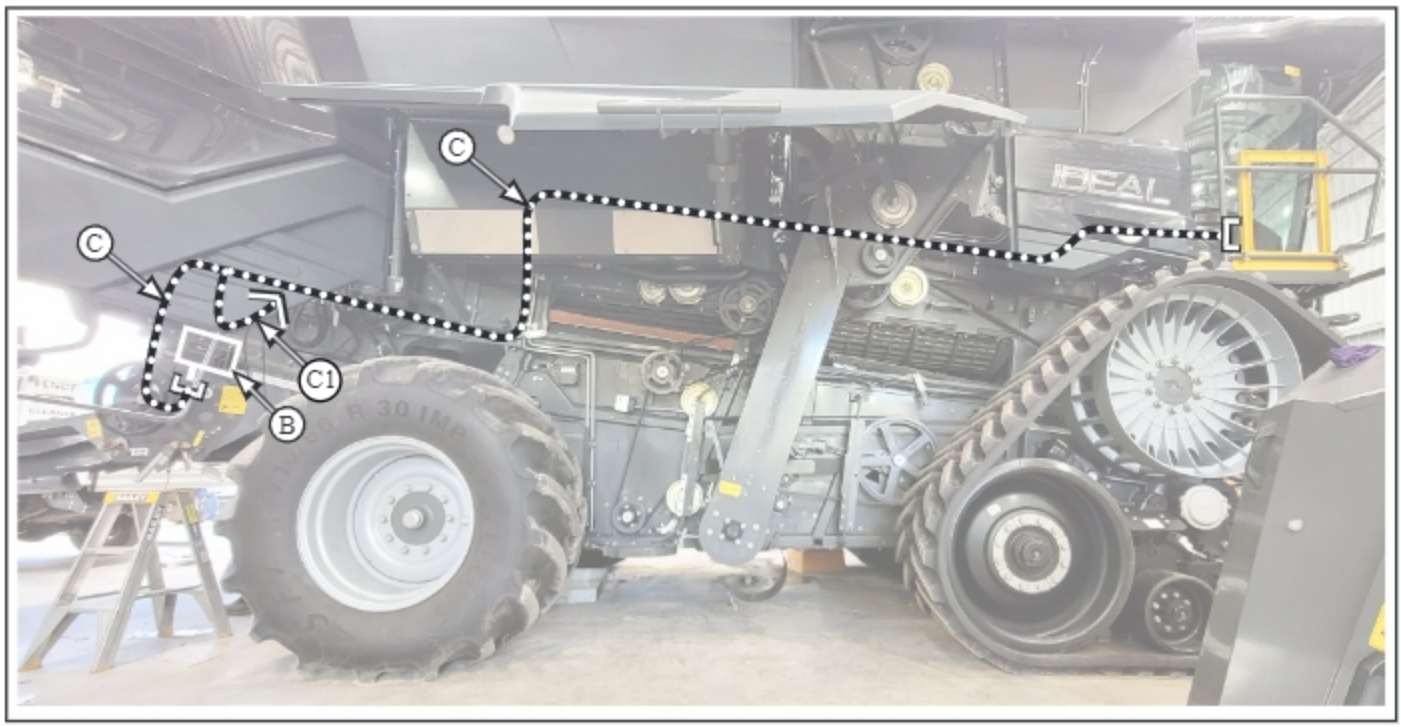
RP1022 Harness ECU Power/Cab (C)	Qty 1
RP1128 Harness CAN Extention 20ft (D)	Qty 1
RP1126A Tablet Mount Assy (E)	Qty 1



7.2.1 Install ECU Power/Cab Harness (C)

- connect harness (C) to ECU (B)
- route harness as shown along right side of combine from ECU (B) to up thru grommet in rear of cab
- at Tee in harness, route "power lines" (C1) in gap between fuel tank and back of rotors or along rear axle to to the battery on the left-hand side
- in cab, connect harness (C) to tablet harness (D) and connect to tablet (E)
- ensure USB cable (provided with tablet) is connected from tablet to side connection port on tablet
- fasten tablet (E) to inside of cab
- use cable tie straps to secure harness to existing harness or hydraulic lines running along combine





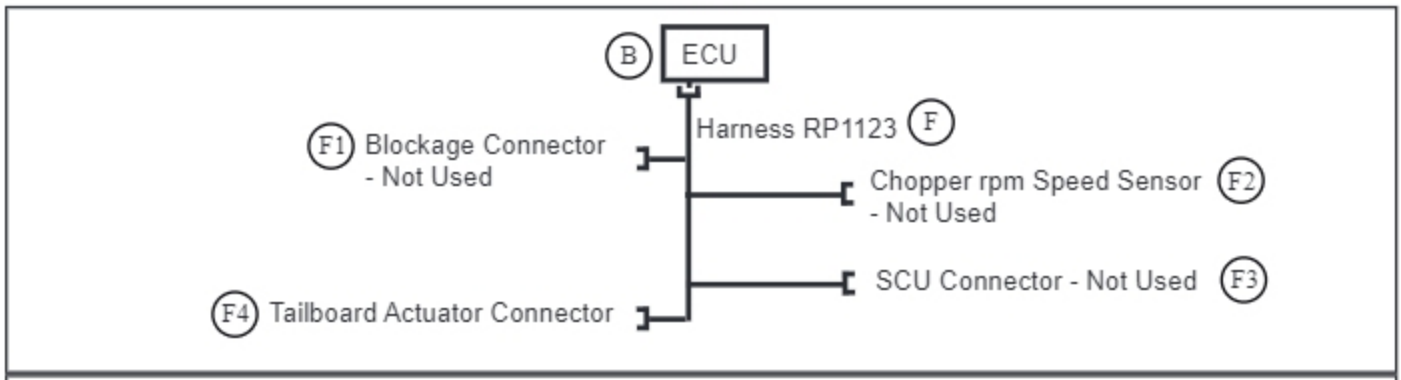
7.3 ECU/Chopper Harness Installation

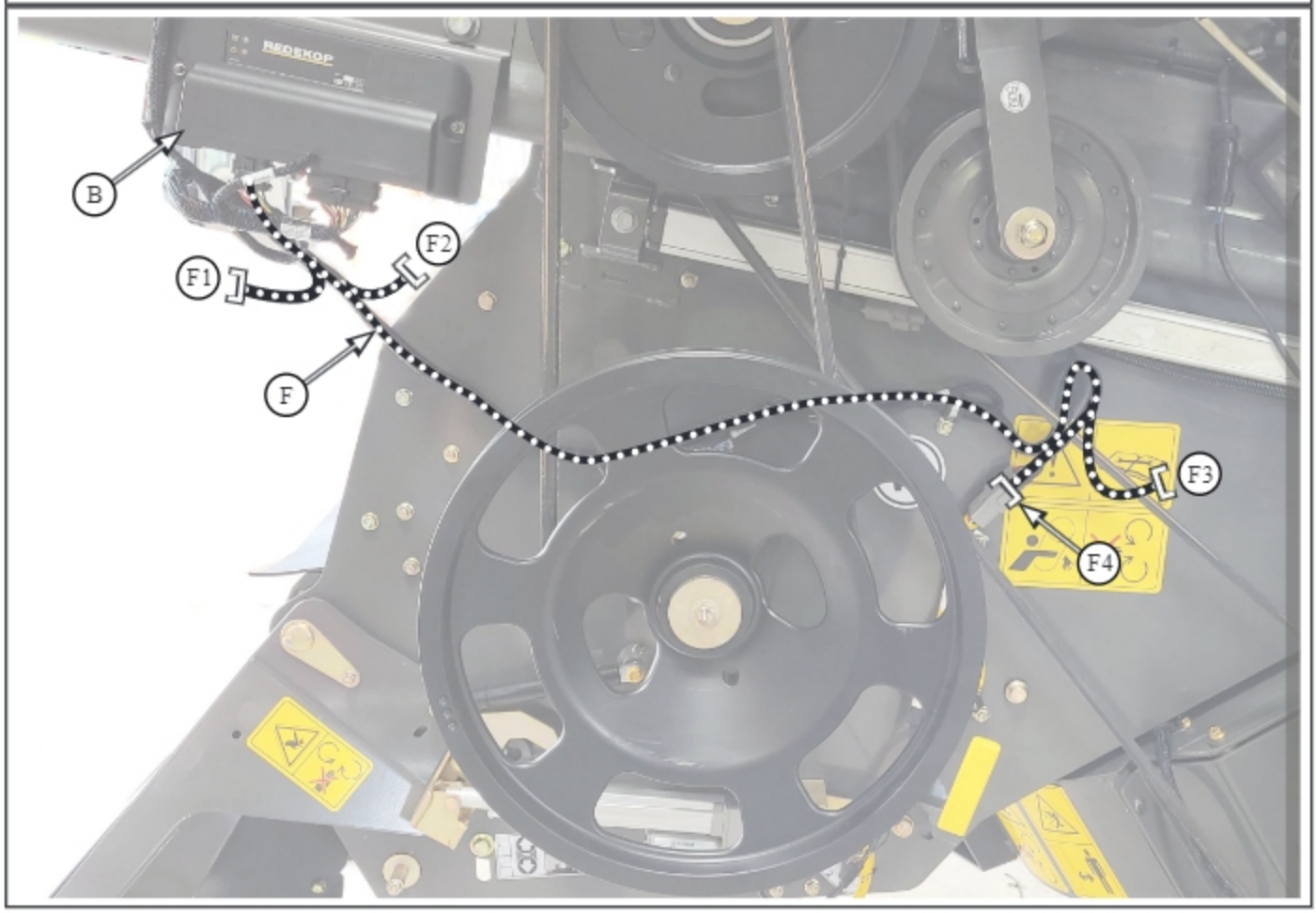
Parts List:

RP1123 Harness ECU/Chopper **(F)** Qty 1

7.3.1 Install ECU/Chopper Harness (**F**)

- connect harness (**F**) to ECU (**B**)
- route harness as shown along right side of chopper from ECU (**B**) to SCU harness (**G**)
- branch for chopper speed sensor is not used
- branch for auxialliary/blockage is not used
- branch (**F4**) for tailboard actuators is used
- use cable tie straps to secure harness to existing harness or hydraulic lines running along side of chopper
- ensure harness has enough free length to allow full range of chopper sliding up and down





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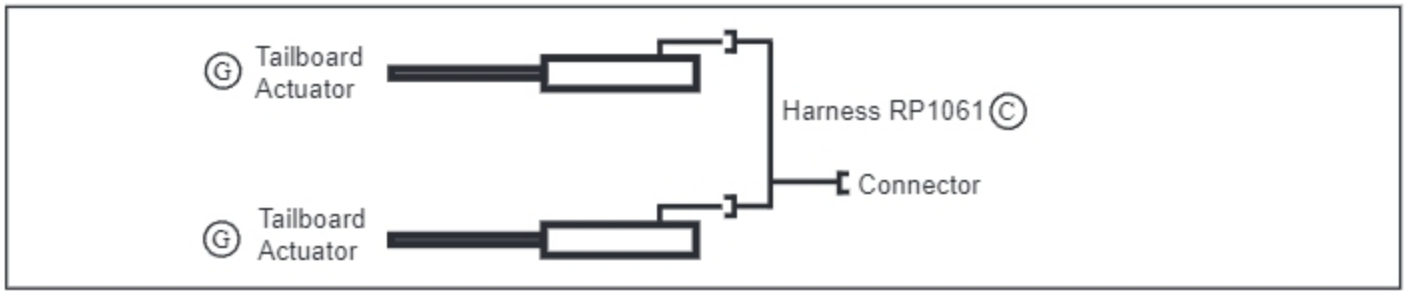
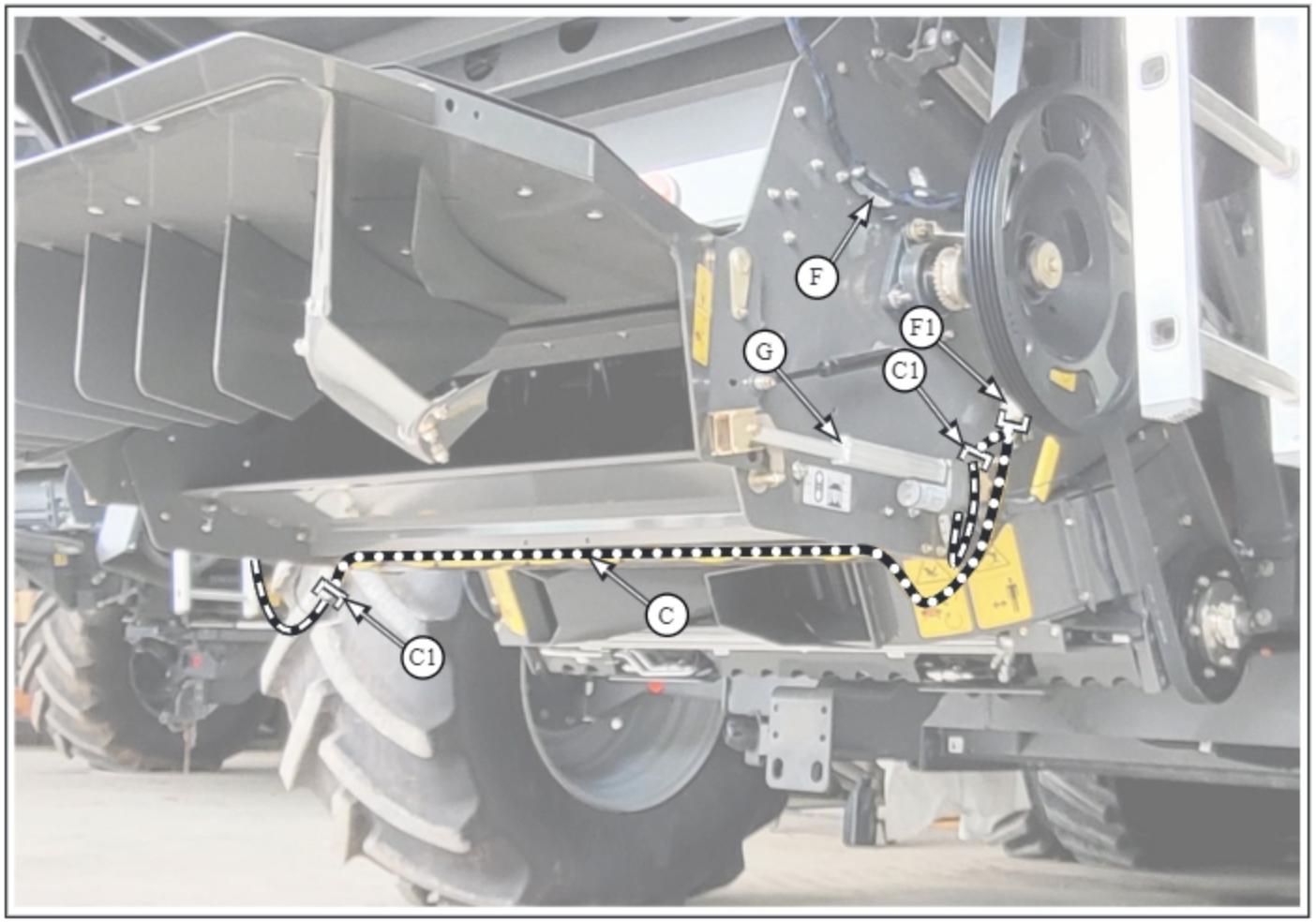
7.4 Actuated Tailboard Harness Installation

Parts List:
RP1061 Actuated Tailboard Harness (C) Qty 1

7.4.1 Install Actuated TailboardHarness (C)
- route harness (C) along bottom of chopper
- connect harness (C) to ECU/Chopper harness (F) at connector (**F1**)
- connect tailboard actuators to harness (C) at connectors (**C1**)
- use cable tie straps to secure harness to existing harness or hydraulic lines running along combine





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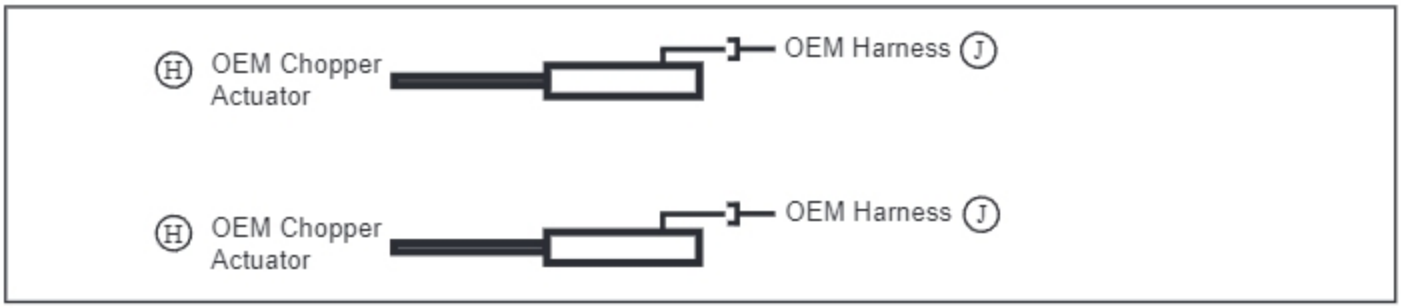
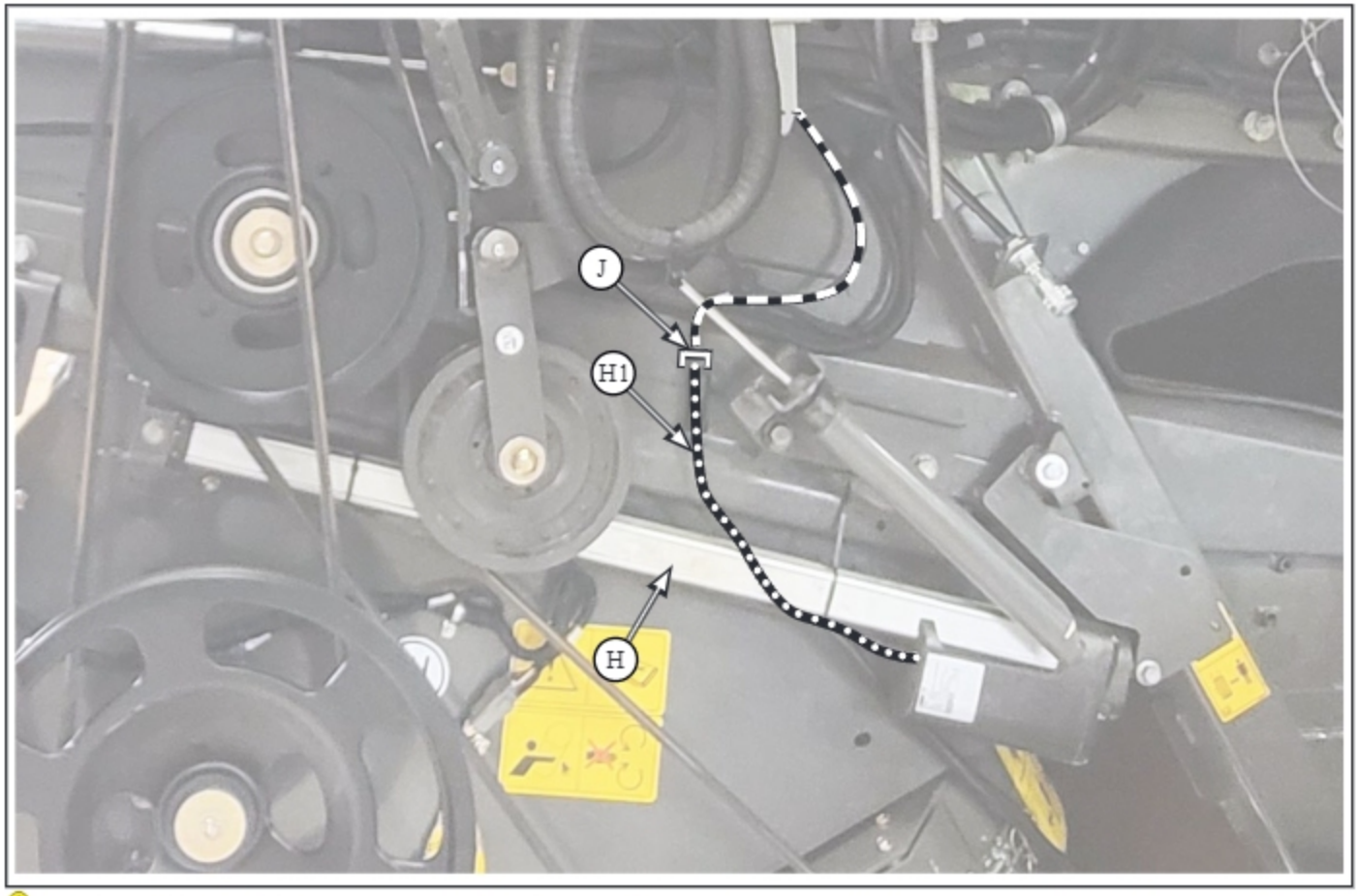
7.5 Chopper Actuator Connection

7.5.1 Reconnect OEM chopper actuator (**H**) harness (**H1**) to OEM harness (**J**)
- both sides
- use cable tie straps to secure harness to existing harness or hydraulic lines running along combine





7.6 Ensure all harnesses are secure to brackets, harnesses or hydraulic lines with nylon wire ties or cable clamps

7.7 Ensure all harnesses have enough free length to allow full range of chopper sliding up and down
- harnesses or connectors will break otherwise

8 Software Codes

8.1 Tablet Software Codes

To install the appropriate parts of the software, the following codes have to be entered

Select the option you want to install

Select “Uninstalled” beside option

Screen defaults to code input screen displaying 00000

To enter new code, select numbers on sidebar, code will dispay in center of screen.

SCU Code: 53235

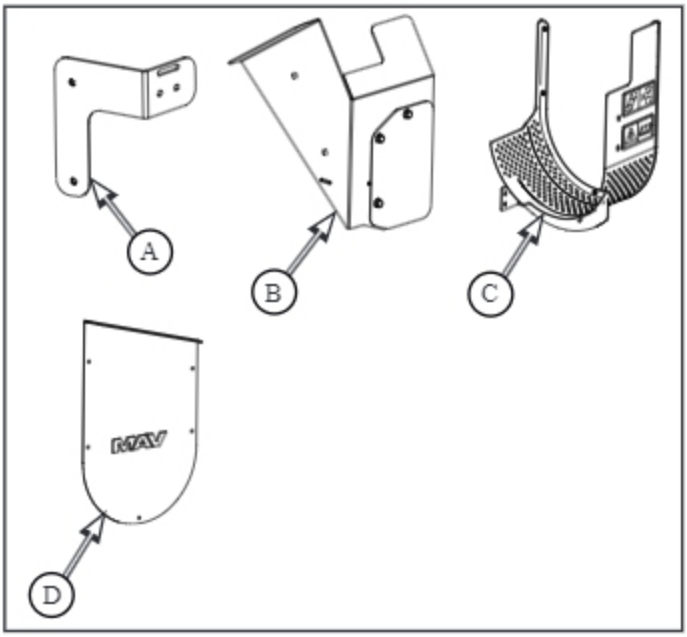
Tailboard Actuator Code: 22114

Option now states “Installed”

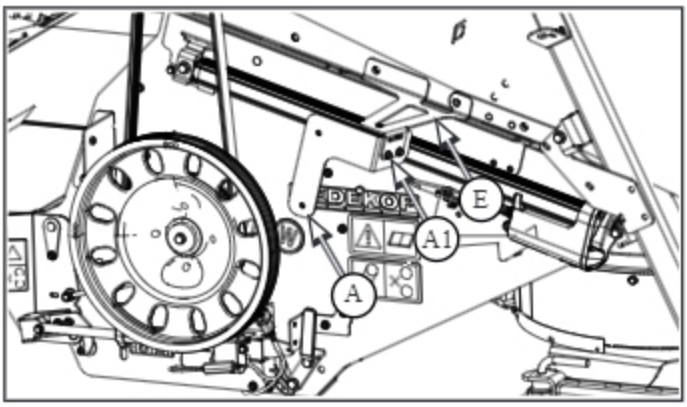
9 Shield Installation

Parts List:

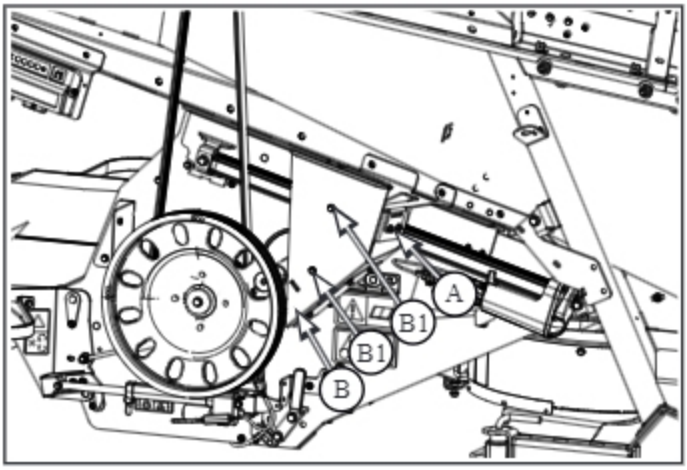
AF202C	Bracket Mid Shield Support (**A**)	Qty 1
AF201CA	Middle Shield (**B**)	Qty 1
AF171CA	Drive Shield (C)	Qty 1
AF191CA	Shield Cover Plate (**D**)	Qty 1



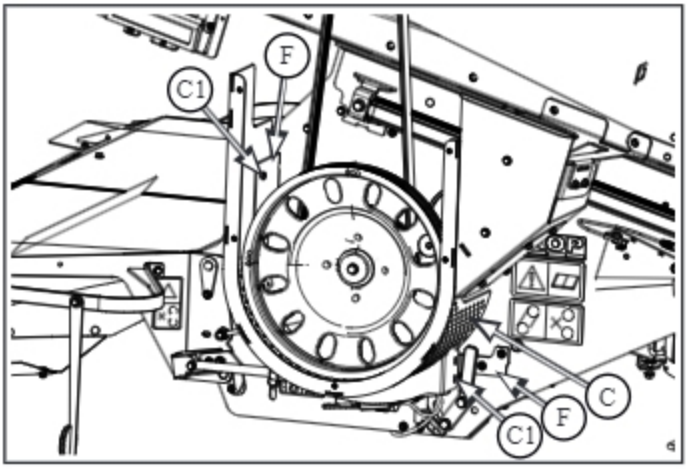
9.1 Install mid shield mount bracket (**A**) to lower shield mount brackt (E), with:
- M8 x 20 flange head bolt and flange nut (**A1**) x2



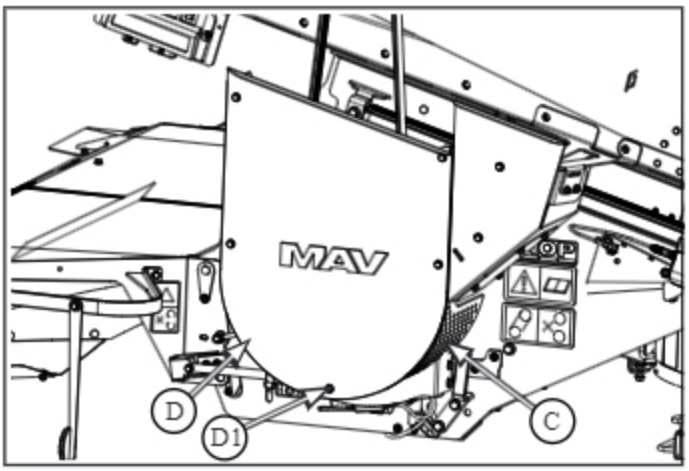
9.1.2 Install mid shield (**B**) to mid shield mount bracket (**A**), with:
- M8 x 16 flange head bolt and flange nut (**B1**) x2



9.2 Install drive shield (C) to chopper shield mount brackets (F), with:
- M8 x 16 flange head bolt (C1) x4



9.2.1 Install shield cover plate (D) to drive shield (C), with:
- M8 x 16 flange head bolt (D1) x5



CAUTION

Ensure that the Hydraulic Fittings have been tightened

CAUTION

CHECK HYDRAULIC FITTINGS FOR LEAKS

CAUTION

DO NOT RUN THE COMBINE WITHOUT HYDRAULIC OIL

WARNING

HYDRAULIC LINES MAY BE UNDER PRESSURE

Escaping fluid under pressure can penetrate the skin causing serious injury.
Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines.
Tighten all connections before applying pressure.

CAUTION

Wear Hearing Protection during operation

CAUTION

Check all fasteners to ensure they have been properly tightened

CAUTION

When starting chopper, be sure all people are clear of the rear of the combine

Start threshing module in low speed and listen for clearance problems. If a knocking noise is heard, stop the machine immediately! Fix problem and repeat procedure. Progress to full power when everything is running smoothly at lower speeds.

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)
M16 - flanged	231 / (171)	331 / (244)
- non flanged	210 / (155)	301 / (222)

CAUTION

Check all fasteners to ensure they have been properly tightened

CAUTION

Check that all tools and loose fasteners have been removed from inside of combine and chopper

WARRANTY CARD

Please send this warranty card in to Redekop Manufacturing

Fill in when the Straw Chopper has been fully installed and the following items have been checked

Email to: warranty@redekopmfg.com

or

Fax to: +1-306-933-1088

Selling Dealer Name and Location: _____

Customer Name: _____

Address: _____

_____

_____

Country: _____

Telephone #: _____

Email: _____

Combine Model: _____ Hour Meter Reading: _____

Combine Serial #: _____

Strawchopper Serial #: _____

Date Strawchopper Installed: _____

Strawchopper Installed by: _____ Print: _____

Strawchopper Rotor has been rotated manually to ensure clearances: _____

Strawchopper Blades clear with the knifebar: _____

Fan Blades clear rotating through the shroud: _____

Combine has been run with the threshing module in low speed and then progressed to full power when everything is running smoothly at lower speeds? _____

Are there any knocking noises? _____

Comments: _____

_____

_____

_____

_____

REDEKOP MANUFACTURING

1.866.REDEKOP (1.866.733.3567)

Saskatoon, Saskatchewan Canada S7K 3J7
info@redekopmfg.com
www.redekopmfg.com

For additional and the most up to date Manuals:

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