

BLU-JET

ALL TERRAIN INJECTION

LEGACY™



Assembly and Operators Manual

Manual Number
0605010
Rev. 2-19-18

\$20.00 Net.

ThurstonTM Manufacturing Company



Simonsen
IRON WORKS



CHUCK WAGONTM
Mobile Grilling Systems

Thurston Manufacturing Company • 1708 H Ave • Box 218 • Thurston, Nebraska, 68062-0218
Phone: 402-385-3041 • E-mail: box218@thurstonmfgco.com

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/BLU-JET



@BLU-JET01



/SIronWorks



@SIronWorks

Meter Assembly GDI200A With Dual Impellicone Manifold, (66000129) 15 Row 30

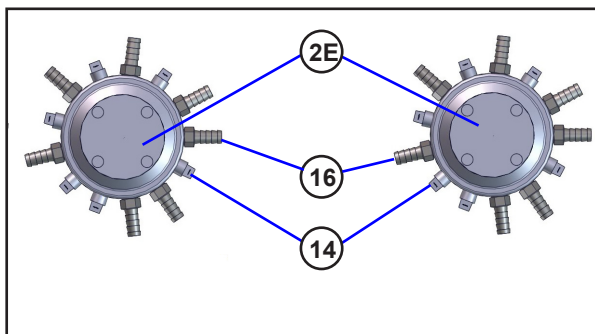
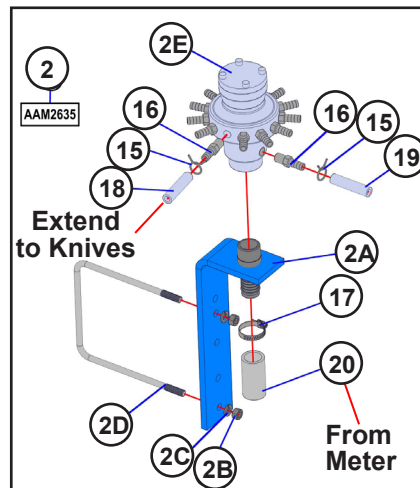
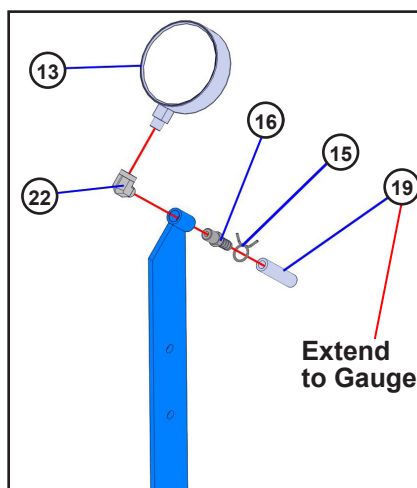
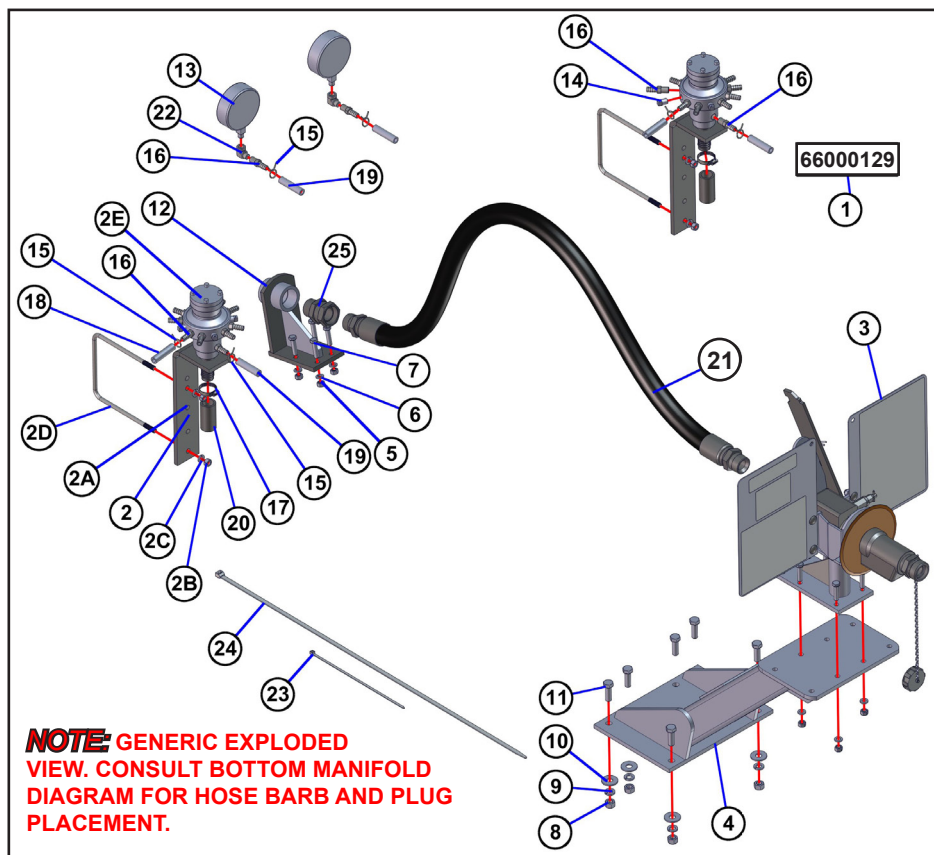


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- **W**elcome to Thurston Manufacturing Company. Our goal is to provide quality products and services to our customers. The company's BLU-JET products have a reputation for quality, excellence in design and proven durability. Energetic, resourceful and continuous improvement goals in Environmental, Safety, Quality, Production and Engineering keep our firm at the cutting edge of technology.

We hope your BLU-JET equipment will give you years of service.

Read this manual carefully. It will instruct you on how to operate and service your machine safely and correctly. Failure to do so could result in personal injury and/or equipment damage.

► **SAFETY INFORMATION**



DANGER

Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.

The sign will have the color combination of *red* and *white*.



WARNING

Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury.

The sign will have the color combination of *orange* and *black*.



CAUTION

Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury.

The sign will have the color combination of *yellow* and *black*.

NOTE Indicates a special point of information.

Carefully read and follow all safety signs. Reinstall safety signs that are damaged or missing.

- **R**ight-hand and left-hand sides of the implement are determined by facing in the direction the implement will travel when going forward.

Introduction

► **General Information:**

The BLU-JET Legacy Commercial Class Fertilizer Injection Applicator achieves a new performance dimension for high acre, high rate applications. The BLU-JET Legacy can easily be configured for a number of operations including Pre-Plant, Side-Dress, and StripTill applications with anhydrous, liquid, dry, or dual placement fertilizer injection.

The Legacy was designed to be used in combination with BLU-JET's Super 1200 Coulter, MaxPac 700 AutoReset shank mounting, residue managers, SealPro disc sealers, torsion arm firming baskets and BLU-JET's complete line of shank mountings.

► **W**arranty is provided for customers who operate and maintain their equipment as described in this manual. Warranty registration is accomplished by the dealer completing and forwarding the **WARRANTY REGISTRATION FORM** to Thurston Manufacturing Company. It is in your best interest to insure that this has been done.

► **F**or your convenience we have four easy ways to register your warranty.

- Call our toll free number and ask for warranty registration.

1-800-658-3127

- Register on-line at: www.BLU-JET.com

- Complete and mail this Product Registration form to:

Attn: Thurston Manufacturing Company

Product Registration

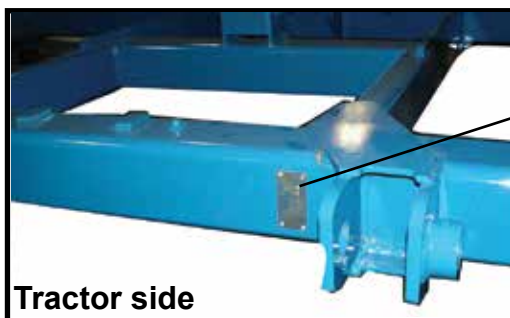
PO Box 218

Thurston, NE. 68062

- Email a copy to: warranty@thurstonmfgco.com

Thurston Manufacturing Company Warranty does not cover the following:

- 1) Cleaning, transporting, mailing and service call charges.
- 2) Depreciation or damage caused by normal wear, accidents, improper protection or improper use.



The Serial Number is located from the rear of the tool bar on the right-hand side behind the tongue pull plate.

► Record your implement model and serial number in the space provided below. Your dealer needs this information to give you prompt, efficient service when you order parts.

MODEL NO. _____

SERIAL NO. _____

DATE PURCHASED _____

- **To The Dealer:**
Inspect the implement thoroughly after assembly to be certain it is functioning properly before delivering it to the customer. The following checklist is a reminder of points to cover. Check off each item as it is found satisfactory or after proper adjustment is made.

► **PRE-DELIVERY CHECKLIST**

- ☐ 1. All hardware properly tightened
- ☐ 2. Lubrication of grease fittings
- ☐ 3. All decals properly located and readable
- ☐ 4. Other adjustments for machine level height, etc.
- ☐ 5. Overall condition (touch up any scratches, clean and polish)
- ☐ 6. Operator's manual

DATE SET UP _____

SIGNATURE _____

► **DELIVERY**

Review the operator's manual with the customer. Explain the following:

- ☐ 1. Safe operation and service
- ☐ 2. Correct machine installation and operation
- ☐ 3. Daily and periodic lubrication and maintenance
- ☐ 4. Daily and periodic inspections
- ☐ 5. Trouble shooting
- ☐ 6. Storing machine
- ☐ 7. Thurston Manufacturing Company parts and service
- ☐ 8. Have the customer write the machine model and serial number in space provided in manual introduction.
- ☐ 9. Give customer the operator's manual and encourage the customer to read the manual carefully.
- ☐ 10. Completion and mailing of warranty registration form.

DATE DELIVERED _____

SIGNATURE _____

MODEL NO. _____

SERIAL NO. _____

- **Thank you for your recent purchase of a new BLU-JET implement. The primary objective of Thurston Manufacturing Company is to build and provide you with a quality product. However, in the event that a problem does occur, it is imperative that your warranty registration is on file in order to accurately respond to your specific service circumstances. For your convenience we have four easy ways to register your warranty:**

For your convenience we have four easy ways to register your warranty.

- **Call our toll free number and ask for warranty registration.
1-800-658-3127**
- **Register on-line at: www.BLU-JET.com**
- **Complete and mail this Product Registration form to:
Attn: Thurston Manufacturing Company
Product Registration
PO Box 218
Thurston, NE. 68062**
- **Email a copy to: warranty@thurstonmfgco.com**

This manual has been prepared to assist you in the assembly of your new machine and contains information pertaining to safety, operations and all of its parts. Our personnel in sales and service are always available to assist you when questions arise concerning the assembly or operations of your tool bar.

When ordering parts, please refer to part numbers and descriptions as listed throughout this book. All parts and whole goods will be shipped FOB Thurston, Nebraska. Or FOB your regional distributor. Always check merchandise immediately upon receipt for damage or shortage. Note any discrepancy on carrier's bill of lading and notify Sender within 10 days. Returned goods will be subject to a 15% restocking charge. Thurston Manufacturing Company reserves the right to make improvements and modifications on equipment without obligation to change previously built equipment. All prices are subject to change without notice.

Limited Warranty

► **T**hurston Manufacturing Company warrants each new BLU-JET machine primary framework to be free from defects in material and workmanship for a period of five (5) years, normal wear of wearing parts excepted. Thurston Manufacturing Company further warrants each new BLU-JET product to be free from defects in material and workmanship, normal wear of wearing parts excepted, for a period of one (1) year. All accessories purchased and resold by Thurston Manufacturing Company will be warranted according to their respective manufacturer. Tires on BLU-JET equipment are warranted through their respective tire manufacturers and their network of dealers in your local area.

Warranty begins from date of delivery to the original purchaser and applies to all new BLU-JET products that have not been altered and are being used for the intended purpose. Negligence, abuse or modification of equipment manufactured by or purchased and resold by Thurston Manufacturing Company will void this warranty.

The obligation of Thurston Manufacturing Company to honor this warranty is limited to the repair or replacement of defective merchandise, to the original purchaser, subject to inspection of equipment in question by an authorized Thurston Manufacturing Company sales or service technician. In the USA, freight of warranty replacement parts including main frame centers and wings will be prepaid for a period of one (1) Year by Thurston Manufacturing Company. Shipments of repaired or replaced parts including main frame centers and wings after one year will be paid by the customer.

Return of defective goods must be made within thirty (30) days of failure to Thurston Manufacturing Company, Thurston, Nebraska USA or to the nearest authorized BLU-JET Distributor or Rep Sales and service outlet.

Thurston Manufacturing Company will not be held responsible for any repair charges made by customers without prior written consent and prior equipment inspection by an authorized Thurston Manufacturing Company sales or service technician.

This warranty shall not be interpreted to render liability for injury or damages of any kind, direct, consequential or contingent to person or property. This warranty does not extend to loss of crops, economic and/or commercial loss, loss because of delay in crop production or any expense incurred for labor, supplies, substitute machinery, rental or for any other reason. This warranty is subject to any existing condition of supply, which may directly affect Thurston Manufacturing Company's ability to obtain materials of manufacture and delivery of replacement parts.

Thurston Manufacturing Company reserves the right to make improvements in design and changes in specifications at any time without incurring any obligation to owners of units previously sold.

No one is authorized to alter, modify or enlarge this warranty nor its exclusions, limitations and reservations. Thurston Manufacturing Company makes no representations or warranties, expressed or implied (including implied warranties of merchantability and fitness), except for those set forth in Thurston Manufacturing Company's current applicable published warranty policies and procedures.

Layton W. Jensen, President

022398\mgmt

RECOGNIZE SAFETY INFORMATION



- This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury. Follow recommended precautions and safe operating practices.



FOLLOW SAFETY INSTRUCTIONS

- Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs.
- Learn how to operate the machine and how to use controls properly.
- Do not let anyone operate without instruction.
- Keep your machine in proper working condition.
- Unauthorized modification to the machine may impair the function and/or safety and affect machine life.



PROTECT CHILDREN AND BYSTANDERS

- Before you back, LOOK CAREFULLY behind for children.
- Clear area of children, pets and bystanders.



HIGHWAY AND TRANSPORT OPERATIONS

Adopt safe driving practices:

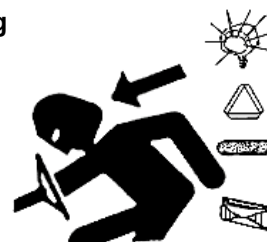
- Keep the brake pedals latched together at all times. NEVER USE INDEPENDENT BRAKING WITH MACHINE IN TOW AS LOSS OF CONTROL AND/OR UPSET OF UNIT CAN RESULT.
- Always drive at a safe speed relative to local conditions and ensure that your speed is low enough for an emergency stop to be safe and secure. Keep speed to a minimum.
- Reduce speed prior to turns to avoid the risk of overturning.
- Avoid sudden uphill turns on steep slopes.
- Always keep the tractor or towing vehicle in gear to provide engine braking when going downhill. Do not coast.
- Do not drink and drive.
- Comply with state and local laws governing highway safety and movement of farm machinery on public roads.
- Use approved accessory lighting and necessary warning devices to protect operators of other vehicles on the highway during daylight and nighttime transport.
- The use of flashing amber lights is acceptable in most localities. However, some localities prohibit their use. Local laws should be checked for all highway lighting and marking requirements.
- When driving the tractor and equipment on the road or highway under (20 mph max.) (32 kmph max.) at night or during the day, use flashing amber warning lights and a slow moving vehicle (SMV) identification emblem.





HIGHWAY AND TRANSPORT OPERATIONS

- Plan your route to avoid heavy traffic.
- Be a safe and courteous driver. Always yield to oncoming traffic in all situations, including narrow bridges, intersection, etc.
- Be observant of bridge loading ratings. Do not cross bridges rated lower than the gross weight at which you are operating.
- Always operate equipment in a position to provide maximum visibility at all times. Make allowances for increased length and weight of the equipment when making turns, stopping the unit, etc.



TRANSPORT SAFETY

- A safety chain will help control drawn equipment should it accidentally separate from the drawbar.
- Attach the chain to the tractor drawbar support or other anchor location. Provide only enough slack in the chain to permit turning.
- Use hydraulic cylinder transport lockup during road transportation.
- Maximum road speed is 20 m.p.h.



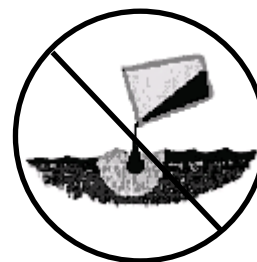
AVOID HIGH PRESSURE FLUIDS

- 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.



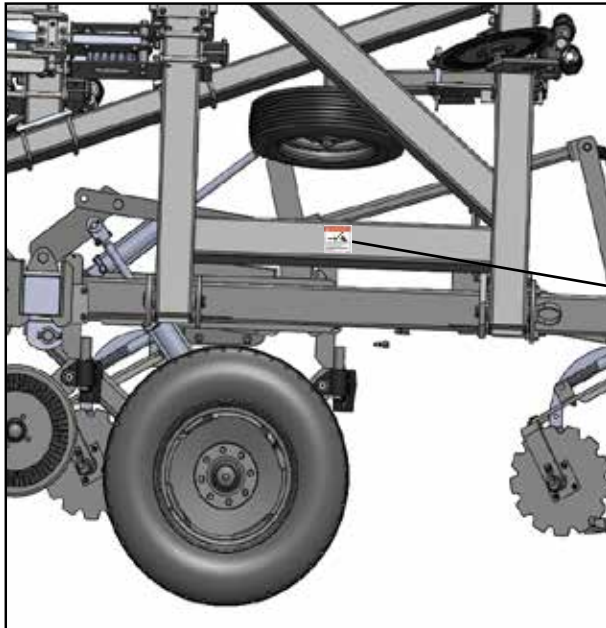
DISPOSE OF FLUIDS PROPERLY

- Improperly disposing of fluids can harm the environment and ecology. Before draining any fluids, contact your local environmental agency for the proper waste disposal methods.
- Use proper container when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.
- DO NOT pour oil into the ground, down a drain, or into a stream, pond, or lake. Observe relevant environmental protection regulations when disposing of oil and other harmful waste.

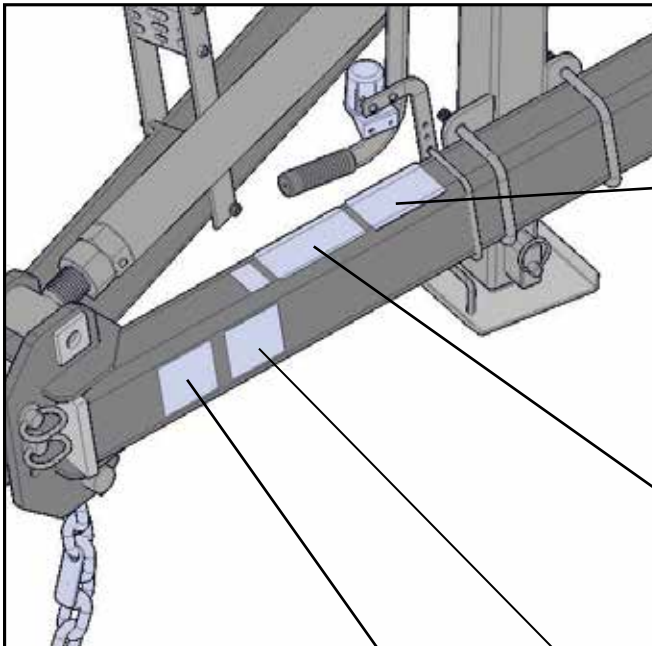




Observe Safety Signs



AP 2234-7-98



AP 2222 8-90



AP 2469-7-98



AP 2914



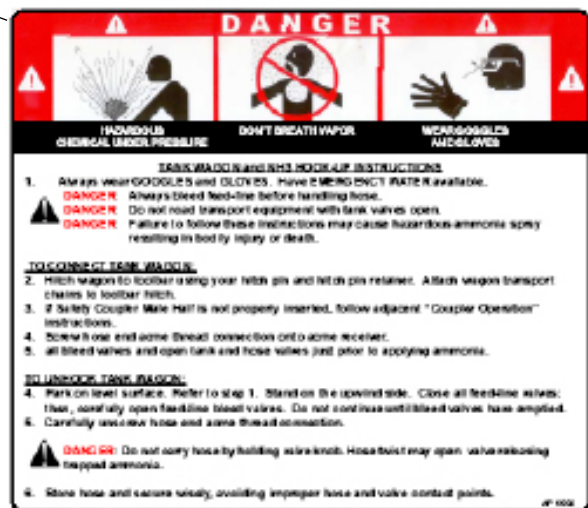
AP 2483-8-98

Safety Decals

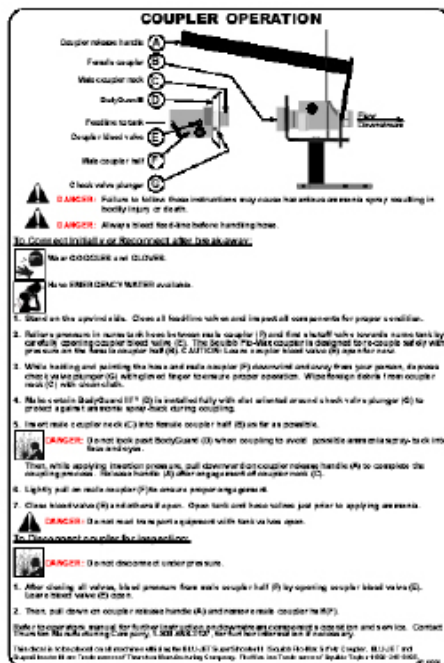
AP 2972

BLU-JET SuperShooter III[®]
Squibb Flo-Max Safety Coupler
Operating Instructions

AP 2227



AP 2973



AP 2974



AP 2975

Operating Instructions

► Hitch

► **NOTE:** Implement hitch weights are designed to match tractor size ranges. Check the following chart to confirm your particular implement specifica-

1. The tractor must be equipped with a drawbar and a drawbar safety chain clevis. For rigid frame tractors equipped with swinging drawbar, the drawbar must be located in a fixed position in the center of the tractor. Refer to your tractor operators manual for drawbar adjustment and drawbar operating instructions.



Generic Photo

Category	PTO Power (HP)	Maximum Vertical Drawbar Load (lbs)		
		Drawbar Position		
		Short	Regular	Extended
0	≤ 38	1,574	1,124	787
1	≤ 64	2,698	1,798	1,349
2	≤ 154	4,946	3,372	2,473
3	≤ 248	6,070	4,046	2,922
4	≤ 402	7,418	4,946	3,597
5	≤ 671	10,116	6,744	N/A

► Tractor to tool bar connection

2. Before connecting the tool bar to the tractor drawbar, raise the tractor three point hitch (if equipped) to prevent interference between the implement and the tractor. Connect the tool bar to tractor drawbar **ONLY**. **DO NOT** connect the tool bar to any other part of the tractor. Connect the tool bar clevis to the tractor drawbar with hitch pin. Install the safety chain through the tractor drawbar support bracket.

► Safety hitch pin

3. Always use a safety hitch pin of the correct diameter. Make sure that the hitch pin is locked in place with a safety type lock pin or other locking device.

► Safety chain

4. Always use a safety chain between the toolbar and the tractor. Install the chain to the tractor drawbar support bracket. Support the center of the chain with a clevis installed to the tractor drawbar.



WARNING: In case the tractor hitch pin is lost during transporting. The safety chain must be attached between the implement and tractor to prevent separated implement from running freely and causing damage or injury.



WARNING: Do not move articulated tractor steering wheel until everyone is clear of the equipment. Moving the steering wheel can swing or move attached equipment which could cause serious personal injury.



WARNING: Tractor drawbar must be in a fixed position before transporting implement. Implement will sway or slam against tractor resulting in equipment damage or injury to personnel.

Operating Instructions

► Remote hydraulic

► **NOTE:**

Always connect the hoses so the toolbar raises when the tractor remote control lever is moved rearward and lowers when the lever is moved forward.

5. Connect the toolbar hydraulic hoses to the tractor remote couplers. The 1/2" hoses supply oil to the toolbar lift cylinders. The 3/8" hoses supply oil to the wing fold cylinders.



WARNING: Hydraulic fluid escaping under pressure can have enough force to penetrate the skin. Hydraulic fluid may also infect a minor cut or opening in the skin. If injured by escaping fluid, see doctor at once. Serious infection or reaction can result if medical treatment is not given immediately. Make sure all connections are tight and that hoses and lines are in good condition before applying pressure to the system. Relieve all pressure before disconnecting the lines or performing other work on the hydraulic systems.

► Remote hydraulic

6. It may be necessary to tie the hydraulic hoses up to keep them away from the hitch area. A tarp strap around the hoses and between the two point arms works well.



► Attaching electrical harness

7. Attach 7 pin electrical harness before road transport.



► Jack stand

8. Lower the jack and pull ring on drop leg jack plunger and raise the sand pad off the ground. Secure plunger in holes.

IMPORTANT: Always lower the jack stand to the ground before disconnecting the tool bar from the tractor.



Ring

Operating Instructions

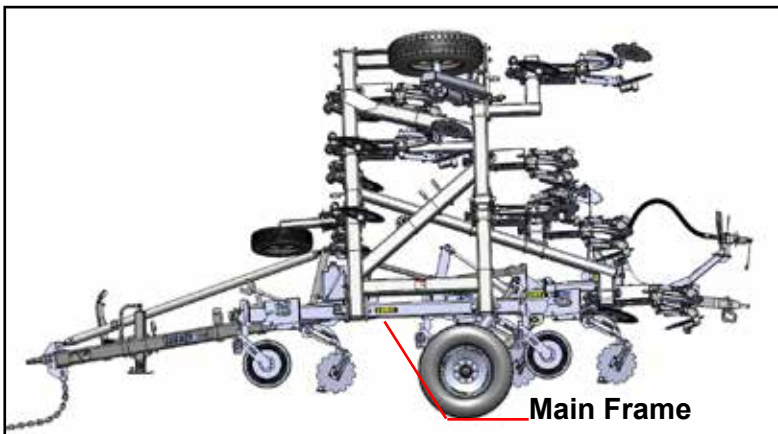
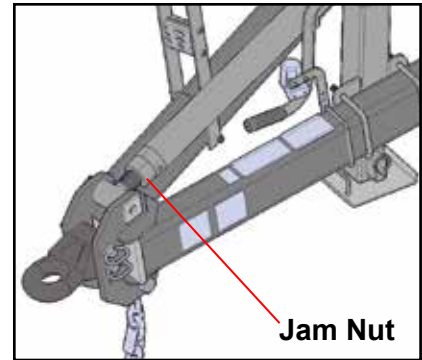
► Leveling Machine

9. Before leveling the machine the tire pressure should be checked.

Inflate center section lugged tractor tires to 51 P.S.I. Maximum
Truck tires 95 P.S.I. Maximum

Before beginning operation of this machine the main frame must be level.

Place tool bar on level surface. Use the turnbuckle wrench to loosen the lower turnbuckle jam nut. Adjust turnbuckle with wrench until the main frame is level front to back. After making the necessary adjustment, lock turnbuckle with jam nut.



10. Unlatch primary wing latch with the cable release located on the front of the tool bar before unfolding tool bar.



CAUTION: To prevent serious accident or injury do not remove wing latch cable release mechanism. Wing fall may result during road transport.

NOTE: Cable must be free. Do not place hydraulic hoses, EVA hoses or ties around the cable.

- Leveling adjustable gauge wheels

► **NOTE:**
Adjust until tool bar is level across the entire bar

► **NOTE:**
Coulter will require final working depth adjustment in the field.



- Pin adjust gauge wheel

- Depth collars

11. Check tire pressure before adjusting. Loosen the two 1" x 4" Hex bolts at the top of the adjust linkage. Loosen 1" hex nut on inside of threaded rod. Turn 1" hex nut on outside clockwise to lower wing and counter clockwise to raise wing. Secure both nuts on threaded rod against cylinder lug adjust. Tighten 1" x 4" hex cap screws after wheel adjustment.

Tighten one inch hex nuts after wheel adjustment.

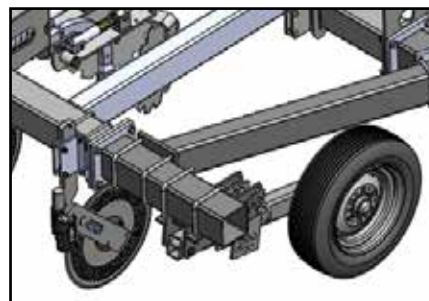


Cylinder lug adjust

One Inch hex nut

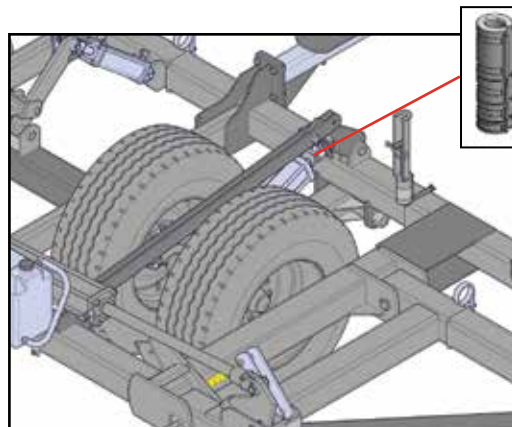


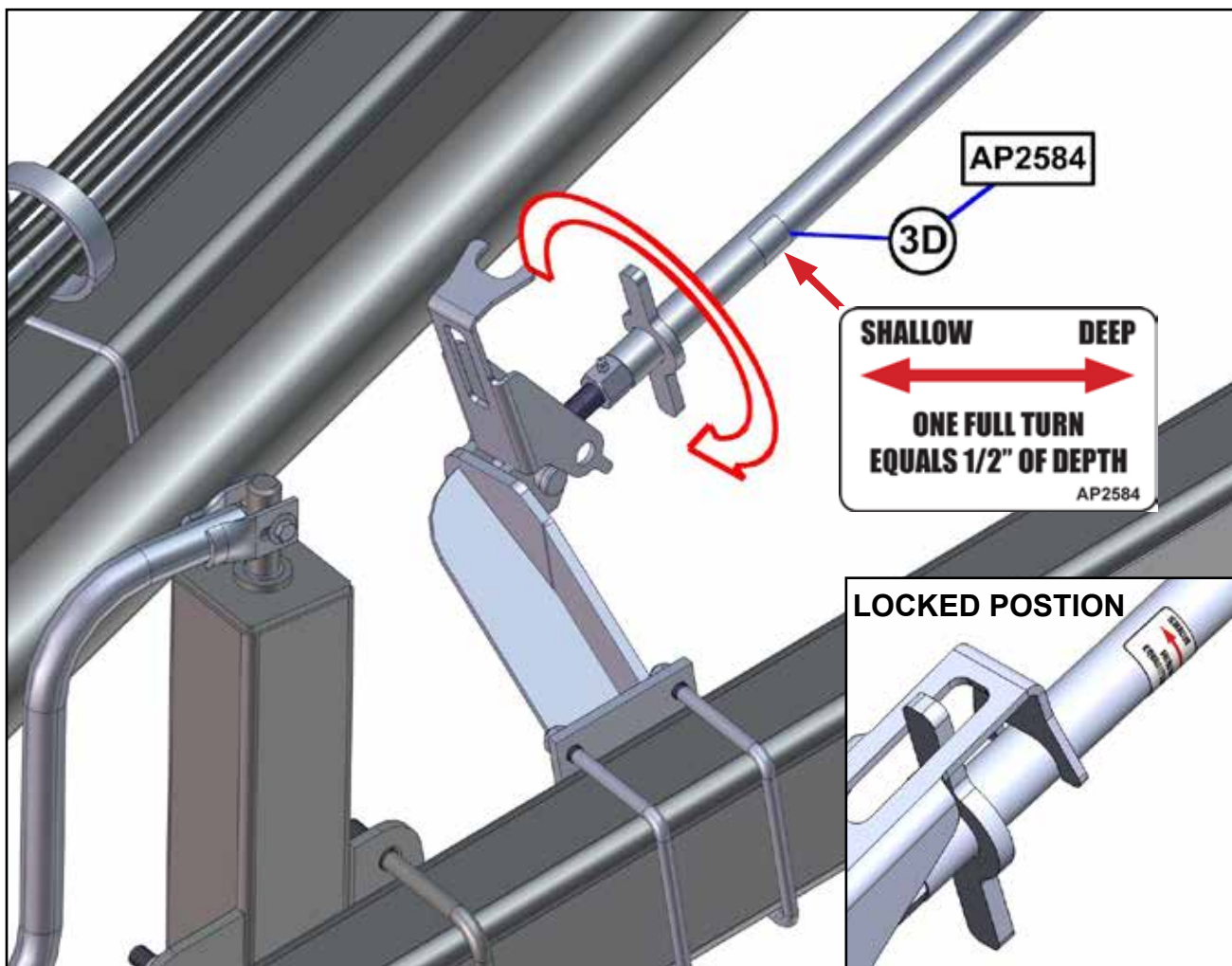
12. Adjust pin adjust gauge wheel to level position with the hydraulic gauge wheel.



13. Install equal lengths of cylinder depth collars to the right and left hand center section wheel lift cylinders.

NOTE: Unequal depth collar installation may result in wheel lift linkage damage.



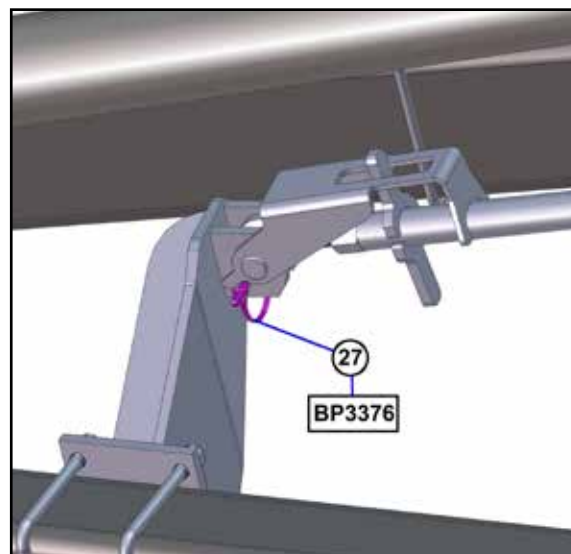


DEPTH ADJUSTMENT

1. One complete revolution equals 1/2" of depth increase.

LOCKING DEPTH ADJUSTMENT LINKAGE

1. Rotate depth control adjuster latch over handle and lock in place with (27) (BP3376) 1/4" x 2" wire retaining pin.

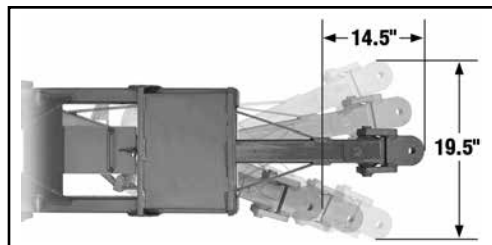
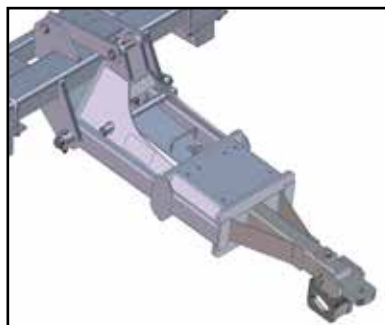
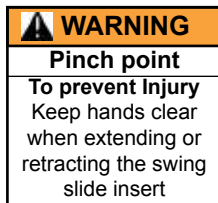


Operating Instructions

► Nurse tank hitch

► **NOTE:** Periodically check Latch mechanism to ensure proper latching in the extended position.

14. Nurse tank hitch can be retracted and moved from side to side for easy hookup. Hitch will automatically lock in the extended position.



► Secondary wing latch



Latch in open position before wing is folded

15. Mechanism must swing freely in order to operate properly. Installed position must be squared with frame to allow maximum freedom of movement. Keep soil and debris from area to allow maximum movement.

NOTE: After seasonal storage, check wing latch for freedom of movement.



► Cylinder rod maintenance

16. All exposed cylinder rods should be greased before seasonal storage to prevent rusting. Remove depth collars and lubricate exposed cylinder rods.



Operating Instructions

► **Lug Nut Torque**

17. Lug nut Torque
1. Check every hour first four hours.
 2. Check every four hours to first twenty hours.
 3. Check once every fifty hours thereafter.

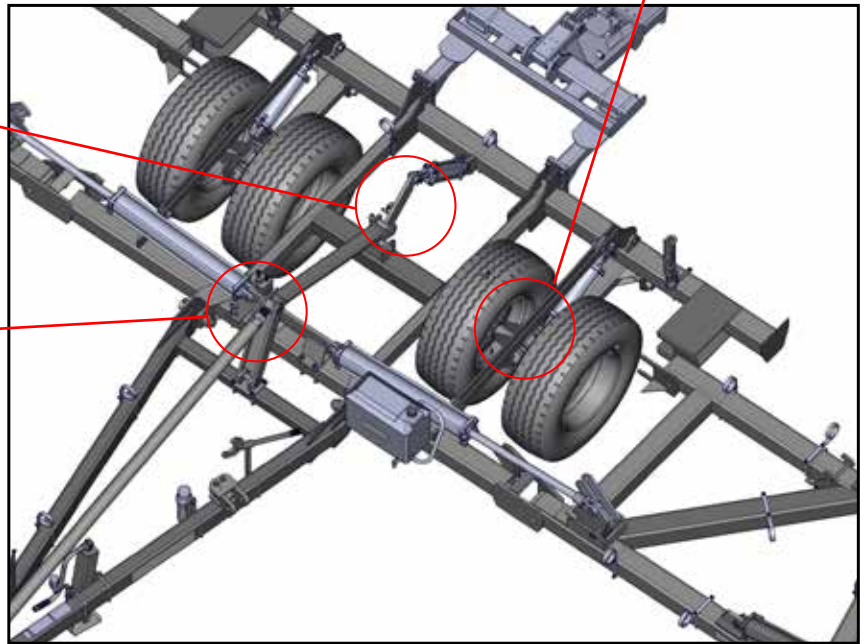
18. Lubrication

- Grease all zerks daily
- Grease coulters daily

► **Lubrication**

Lift Wheel Pivot Zerk
(Torque 150-180 ft. lbs.)

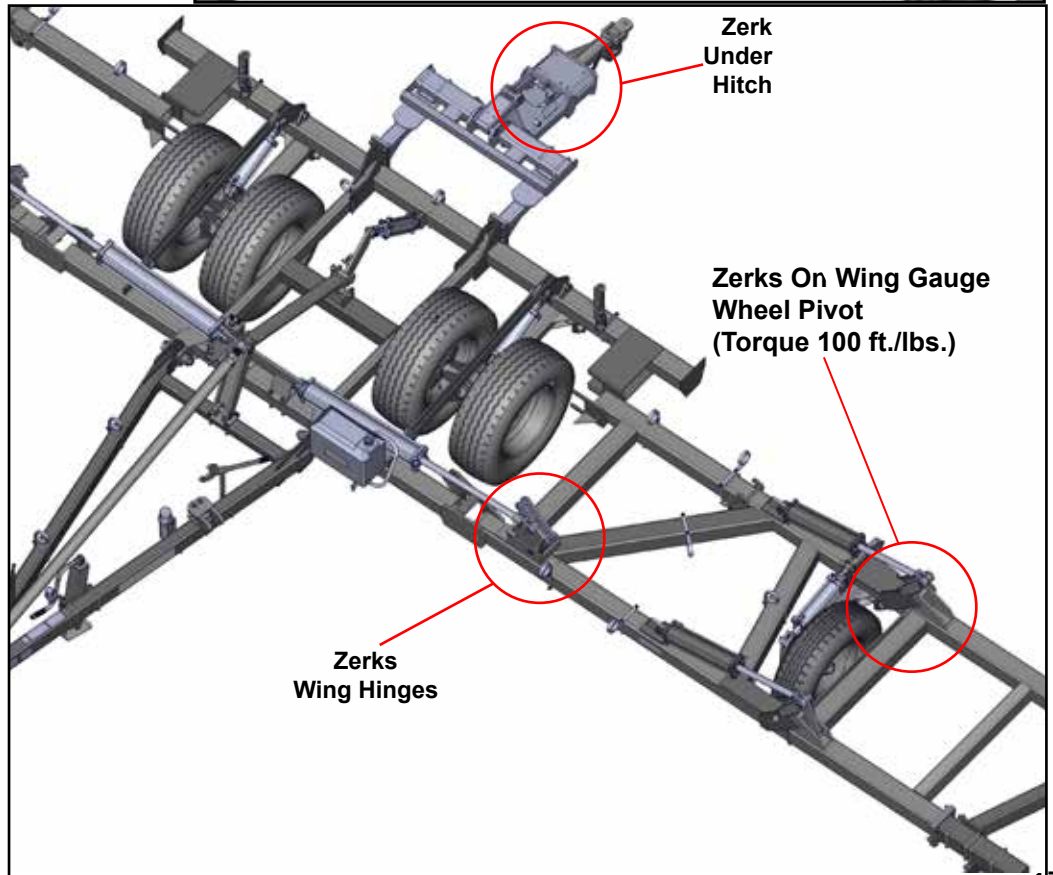
Zerks



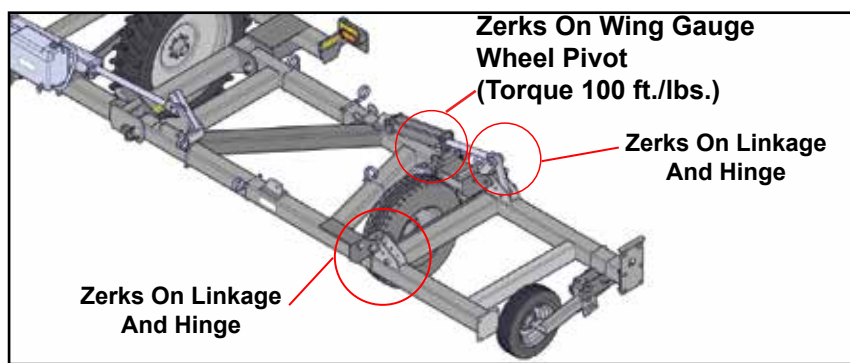
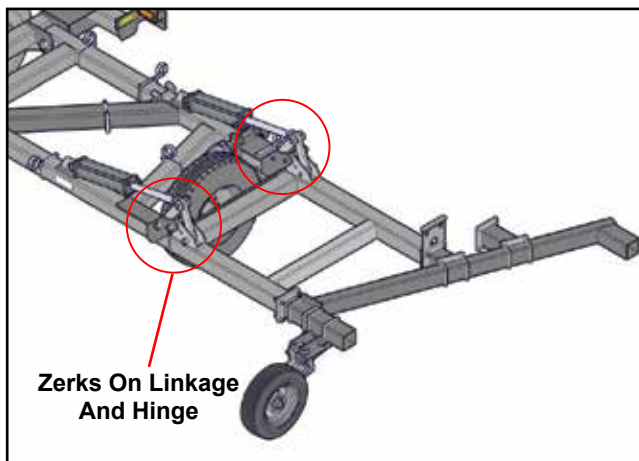
Zerk
Under
Hitch

Zerks On Wing Gauge
Wheel Pivot
(Torque 100 ft./lbs.)

Zerks
Wing Hinges



► Lubrication



► Coultter pivot shaft lubrication

19. Grease all coultter arm pivots.

► Coultter hub lubrication

20. The plug on the coultter hub can be removed. A zerk can be installed. Hub and spindle assembly should be greased twice seasonally.



► Emergency water tank operation and maintenance

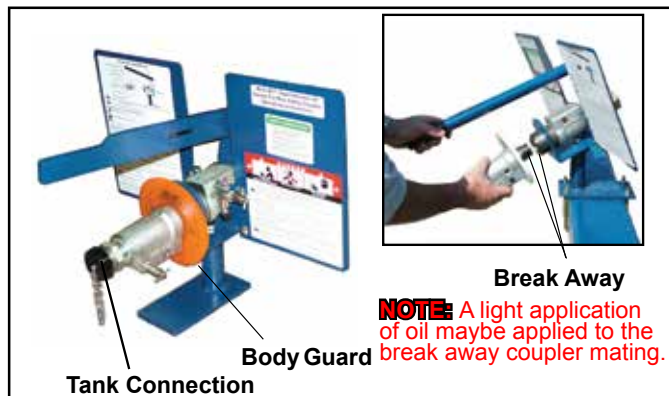
21. emergency water tank/toolbox. Change water daily to provide fresh clean water to flush exposed skin or eyes. Drain water daily in cold temperatures to prevent freezing and bursting tank.



Anhydrous Ammonia Operating Instructions

- ▶ **Attend Anhydrous Ammonia Safety Training Class Provided By Your Dealer Before Operating this equipment .**

- ▶ **Operator protection**
Because of the hazards associated with handling Anhydrous Ammonia, operators must use proper protective equipment. Minimum equipment includes tight-fitting chemical-proof goggles, long cuff rubber gloves, heavy-duty long sleeved shirt. In case of exposure, have a minimum of 5 gal's of flushing water available at all times.



- ▶ **Checking System**
With personal protective equipment in place, visually inspect the tool bar and system components for integrity, includes hoses that may be subject to inadvertent contact with structural surfaces resulting in premature exterior hose deterioration.

- ▶ **Hooking Up Nurse Tank**
With personal protective equipment in place, hitch the nurse tank to the tool bar using a keyed hitch pin. Affix wagon tongue safety chains securely to Nurse tank chain loops provided.

Carefully hand tighten the nurse tank supply hose connection. Position hose to allow unobstructed movement in case of Nurse Tank break away. Do not allow supply hose to contact surfaces that may cause abrasion or wear including sharp corners, soil or roads.

With personal protective equipment in place, confirm the functional operation of the break away coupler on a daily basis. First bleed pressure off of tank supply hose and 1-1/4" quick coupler using the bleed valves provided. Sharply pull on the tank supply hose. The coupler mechanism should release under these forces. Visually inspect coupler for corrosion, foreign elements and proper seating of mating poppets.

DO NOT transport equipment from field to field with tank and supply line valves open. When immediately ready for field application, beginning at the tank, and with personal protective equipment in place, slowly open all supply line valves.



WARNING Position your body away from the bleed valve exit hole to avoid contact with Anhydrous Ammonia when bleed valve is opened. Contact with skin will cause severe chemical burns.



WARNING Avoid breathing ammonia vapors. Clear all personnel from the area before opening system. Inhalation of vapors will irritate or damage respiratory tract and lungs, resulting in injury or death.



Bleed Valve

► Disconnection Of Nurse Tank

1. With personal protective equipment in place, and beginning at the tank, fully shut off the supply hose valves. If the supply hose is a tank wagon component (as opposed to a tool bar component) an additional hand operated globe valve shut off located between the quick coupler and the Heat Exchanger feed line will significantly speed up the tank wagon change process.
2. Clear all personnel from area except for the operator. While considering the direction of the wind to avoid ammonia vapor drift toward the operator or any other personnel, beginning at the tank, slowly open supply line bleed valves to release pressure from the hose.
3. Physically grasp, lift and lightly shake the supply hose mid section to insure total evacuation of ammonia. Once again, be wary of the wind direction.
4. Place the supply hose in a transport storage position, preventing it from becoming entangled or in contact with sharp edges or abrasive surfaces.
5. Always park and unhook the nurse tank on a smooth and level surface. Block the wheels to prevent tank wagon runaway. High winds or uneven terrain can cause unblocked tank wagons to move out of control.
6. Disconnect tank wagon tongue safety chains, hitch pin key and hitch pin.



CAUTION Fifth wheel style running gear front axles may inadvertently rotate in uneven soil conditions when the hitch pin is pulled causing the tongue to come into contact and potentially injuring the operator.



WARNING Before maintenance is performed on any part of the NH_3 system, be sure the total system is bled off and all liquid is drained. Liquid ammonia can remain trapped in system cavities, even when the system has been opened to atmospheric pressure. Always assume that ammonia remains in the system components and hoses at all times. Always wear tight-fitting chemical-proof goggles, long cuff rubber gloves, heavy-duty long sleeved shirt and exercise extreme caution.

Safety Decals

AP2972

BLU-JET SuperShooter III Squibb Flo-Max Safety Coupler Operating Instructions

AP2227

SAFETY INSTRUCTIONS

1. SAFETY DECAL PANELS must be in place and understood before operating this equipment.
2. Evacuate NH₃ from entire system, including ball valves, before servicing.
3. Replace outdated or damaged hoses and parts before each use.
4. Read and understand owner's manual before operating this equipment.



DANGER

HAZARDOUS
CHEMICAL UNDER PRESSURE

DON'T BREATHE VAPOR

WEAR GOGGLES
AND GLOVES

TANK WAGON and NH₃ HOOK-UP INSTRUCTIONS

1. Always wear GOGGLES and GLOVES. Have EMERGENCY WATER available.
DANGER: Always bleed feed-line before handling hose.
DANGER: Do not road transport equipment with tank valves open.
DANGER: Failure to follow these instructions may cause hazardous ammonia spray resulting in bodily injury or death.

TO CONNECT TANK WAGON:

2. Hitch wagon to toolbar using your hitch pin and hitch pin retainer. Attach wagon transport chains to toolbar hitch.
3. If Safety Coupler Male Half is not properly inserted, follow adjacent "Coupler Operation" instructions.
4. Screw hose end acme thread connection onto acme receiver.
5. Close all bleed valves and open tank and hose valves just prior to applying ammonia.

TO UNHOOK TANK WAGON:

6. Park on level surface. Refer to step 1. Stand on the upwind side. Close all feed-line valves; then, carefully open feed-line bleed valves. Do not continue until bleed valves have emptied.
7. Carefully unscrew hose end acme thread connection.

DANGER: Do not carry hose by holding valve knob. Hose twist may open valve releasing trapped ammonia.

8. Store hose and secure wisely, avoiding improper hose and valve contact points.

AP2973

COUPLER OPERATION

Labels:
 Coupler release handle (A)
 Female coupler (B)
 Male coupler neck (C)
 BodyGuard (D)
 Feed-line to tank (E)
 Coupler bleed valve (F)
 Male coupler half (G)

Check valve plunger (G)

DANGER: Failure to follow these instructions may cause hazardous ammonia spray resulting in bodily injury or death.

DANGER: Always bleed feed-line before handling hose.

To Connect Initially or Reconnect after break-away:

Wear GOGGLES and GLOVES.

Have EMERGENCY WATER available.

1. Stand on the upwind side. Close all feed-line valves and inspect all components for proper condition.
2. Relieve pressure in source tank hose between male coupler (F) and feed shut-off valve towards source tank by carefully opening coupler bleed valve (G). The Squibb Flo-Max coupler is designed to re-engage safely with pressure on the female coupler half (B). **CAUTION:** Leave coupler bleed valve (G) open for now.
3. While holding and pointing the hose and male coupler (F) downward and away from your person, depress check valve plunger (G) with gloved finger to ensure proper operation. Wipe foreign debris from coupler neck (C) with clean cloth.
4. Make certain BodyGuard (D) is installed fully with pin oriented around check valve plunger (G) to protect against ammonia spray-back during coupling.
5. Insert male coupler neck (C) into female coupler half (B) as far as possible.
6. **DANGER:** Do not touch post BodyGuard (D) when coupling to avoid possible ammonia spray-back into face and eyes.
 Then, while applying insertion pressure, pull downward on coupler release handle (A) to complete the coupling process. Release handle (A) after engagement of coupler neck (C).
7. Lightly pull on male coupler (F) to ensure proper engagement.
8. Close bleed valve (G) and others if open. Open tank and hose valves just prior to applying ammonia.

DANGER: Do not road transport equipment with tank valves open.

To Disconnect coupler for inspection:

DANGER: Do not disconnect under pressure.

1. After closing all valves, bleed pressure from male coupler half (F) by opening coupler bleed valve (G). Leave bleed valve (G) open.
2. Then, pull down on coupler release handle (A) and remove male coupler half (F).

Refer to operators manual for further instruction on downstream components operation and service. Contact Thurston Manufacturing Company, 1-800-838-1127, for further information if necessary.

This decal is to be placed on all machines utilizing the BLU-JET SuperShooter III Squibb Flo-Max Safety Coupler. BLU-JET and SuperShooter are trademarks of Thurston Manufacturing Company. This decal is a trademark of Squibb-Flo-Max 1-400-540-0000.

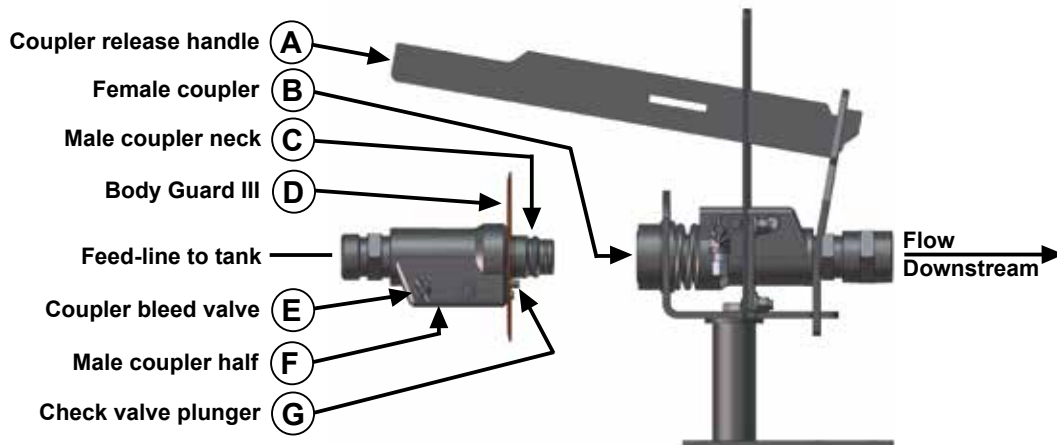
AP2974



AP2975

Coupler Operations

NOTE:
Read
coupler
operation
decals
(AP2974)
for safety
instructions.



Connecting



DANGER

Always wear
protective
gear.



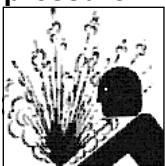
DANGER

Avoid
breathing
ammonia
vapors.



DANGER

Hazardous
chemical
under
pressure.



Disconnect

1. Stand on the upwind side. Close all feed-line valves and inspect all components for proper condition.

2. Relieve pressure in nurse tank hose between male coupler (F) and first shutoff valve towards nurse tank by carefully opening coupler bleed valve (E). The Squibb Flo-Max coupler is designed to re-couple safely with pressure on the female coupler half (B). CAUTION: Leave coupler bleed valve (E) open for now.

3. While holding and pointing the hose and male coupler (F) downwind and away from your person, depress check valve plunger (G) with gloved finger to ensure proper operation. Wipe foreign debris from coupler neck (C) with clean cloth.

4. Make certain BodyGuard III™ (D) is installed fully with slot oriented around check valve plunger (G) to protect against ammonia spray-back during coupling.

5. Insert male coupler neck (C) into female coupler half (B) as far as possible.

Then, while applying insertion pressure, pull downward on coupler release handle (A) to complete the coupling process. Release handle (A) after engagement of coupler neck (C).

6. Lightly pull on male coupler (F) to ensure proper engagement.

7. Close bleed valve (E) and others if open. Open tank and hose valves just prior to applying ammonia.

1. After closing all valves, bleed pressure from male coupler half (F) by opening coupler bleed valve (E). Leave bleed valve (E) open.

2. Then, pull down on coupler release handle (A) and remove male coupler half (F).



Emergency Fresh Water Tank Location and Assembly



Location of Nine-gallon safety water tank/toolbox.

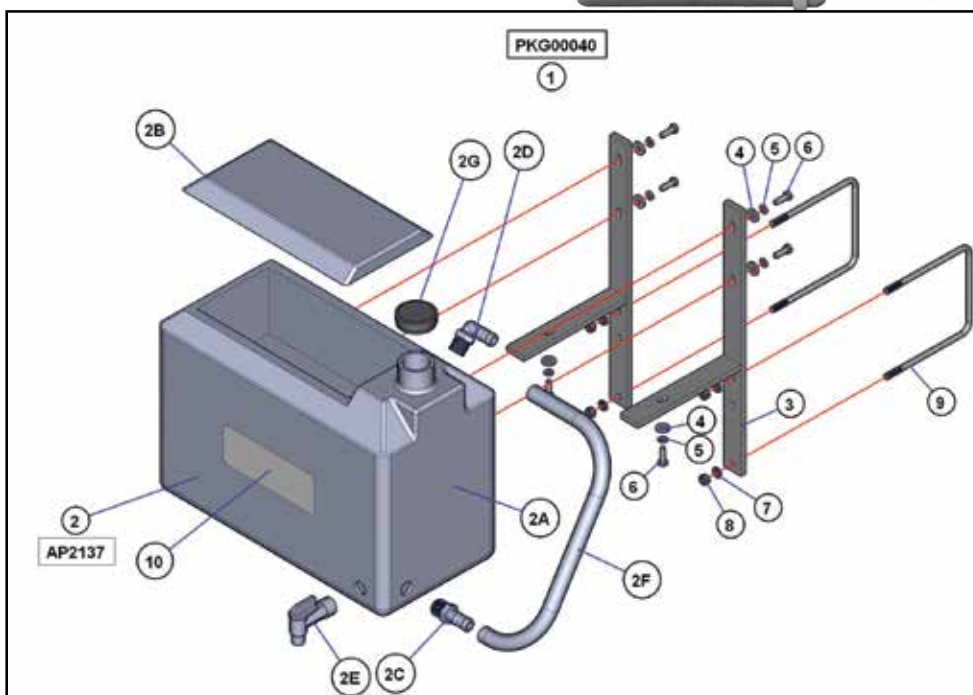
Change water daily to provide fresh clean water to flush exposed skin or eyes. Drain water daily in cold temperatures to prevent freezing and bursting tank.

In case of exposure to anhydrous ammonia, open faucet or pull top end of hose loose to flush exposed part of body. Remove contaminated clothes as soon as possible. Seek medical attention.

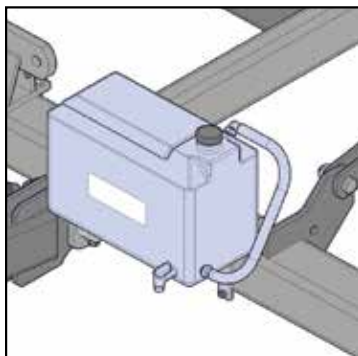


NOTE:
Mount
Safety Tank
after
machine
has been
folded to
avoid
hitting and
collapsing
tank

NOTE:
Safety Tank
placement
will depend
on row
spacing



BOM ID	Qty	Item No	Description
1	1	PKG00040	PACKAGE, 9 GALLON SAFETY TANK
2	1	AP2137	SAFETY TANK, 9 GALLON
2A	1	AP2137 TANK	TANK
2B	1	AP2137 LID	TOOLBOX LID
2C	1	CP2577	HOSE BARB, 3/4"MP X 3/4" HOSE BARB, POLY
2D	1	CP2471	ELBOW, 90°, 3/4"MP X 3/4" HOSE BARB POLY
2E	1	AP2329	SPIGOT
2F	1	AP2137 HOSE	3/4" CLEAR HOSE - CP2069 - 24" LENGTH
2G	1	AP2272	2" FILL CAP
3	2	AM2136	BRACKET, TANK MOUNTING, 9 GALLON
4	6	BP3159	WASHER, FLAT, 5/16", PLATED
5	6	BP3158	WASHER, LOCK, 5/16", PLATED
6	6	BP3108	HEX CAP SCREW, 5/16"-18 X 1, GRADE 5, PLATED
7	4	BP3002	WASHER, LOCK, 3/8", PLATED
8	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
9	2	BP3351	U-BOLT, 3/8"-16 X 6"W X 7"L
10	1	AP2215	DECAL, BLU-JET, 3" X 8"



Center Section Area of Bundle 66000126

BOM ID	Qty	Item No	Description
1	1	66000126	LEGACY MAIN FRAME & PRIMARY WINGS
2	2	AAM2437	HOSE RETAINER ASSEMBLY, CLOSED LOOP, 4X6 TUBE
2A	2	AM4015	HOSE RETAINER, CLOSED LOOP, 6" & 7" MOUNTING
2B	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
2C	4	BP3002	WASHER, LOCK, 3/8", PLATED
2D	2	BP3045	U-BOLT, 3/8"-16 X 6"W X 5"L, PLATED
3	13	AAM2438	HOSE RETAINER ASSEMBLY, CLOSED LOOP, 6X6 TUBE
3A	13	AM4015	HOSE RETAINER, CLOSED LOOP, 6" & 7" MOUNTING
3B	26	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
3C	26	BP3002	WASHER, LOCK, 3/8", PLATED
3D	13	BP3351	U-BOLT, 3/8"-16 X 6"W X 7"L, PLATED
4	1	AAM2639	MANUAL HOLDERW/ 6" X 4" MOUNTING
5	1	AAM2928	STOP ARM, W/ PLUNGER, DEPTH CONTROL
6	1	AAM2930	ADJUSTMENT LINKAGE, LEGACY DEPTH CONTROL
7	1	AAM4768	ASSEMBLY, TURNBUCKLE
8	1	AM2144	HITCH, CLEVIS
9	1	AM2145	BRACKET, HITCH STORAGE, 6" MOUNTING
10	1	AM2197	BRACKET, WRENCH STORAGE
11	1	AM2518	JACK, 9TWDL
12	1	AM2526	CRANK W/ GRIP, 90 LONG
13	3	AM4015	HOSE RETAINER, CLOSED LOOP, 6" & 7" MOUNTING
14	2	AM4415	HOSE RETAINER, OPEN LOOP
15	2	AM4442	HOSE RETAINER, CLOSED LOOP
16	1	AM4511	BRACKET, TURNBUCKLE SUPPORT MOUNTING
17	1	AM4512	TURNBUCKLE SUPPORT
18	2	AM4517	WING LOCK
19	2	AM4524	ROCKER, AT6020
19A	4	BP3072	GREASE ZERK, 1/4"-28
19B	2	BP3560	TENSION BUSHING, 1-1/2" X 1-1/4" X 1" OAL
20	2	AM4528	BRACKET, HOSE HOLDER W/ PRESSURE GAUGE MOUNT
21	2	AM4529	SAFETY LAUNCH TRIP, PRIMARY WING, AT 5000
22	1	AM4563	CYLINDER LUG, BOLT-ON 5" CYLINDER
23	2	AM4564	CYLINDER LUG, SCREW ADJUST
23A	2	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
24	2	AM4566	WING LATCH PIVOT, SECONDARY WING
25	2	AM4567	SPACER PIPE, 6-1/4" OAL
26	4	AM4568	SECONDARY WING LOCK PLATE
27	1	AM4759	TURNBUCKLE WRENCH, 3-1/16"
28	1	AM5155	TONGUE, CAT IV, HD, WEIGHTED
29	1	AM6163	WHEEL LEG, LH, W/ 2-3/4" SPINDLE LOOP
29A	1	BP3213	GREASE ZERK
29B	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
29C	2	BP3538	TENSION BUSHING, 2" X 1-3/4" X 1-1/2" OAL
30	1	AM6164	WHEEL LEG, RH, W/ 2-3/4" SPINDLE LOOP
30A	1	BP3213	GREASE ZERK
30B	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL

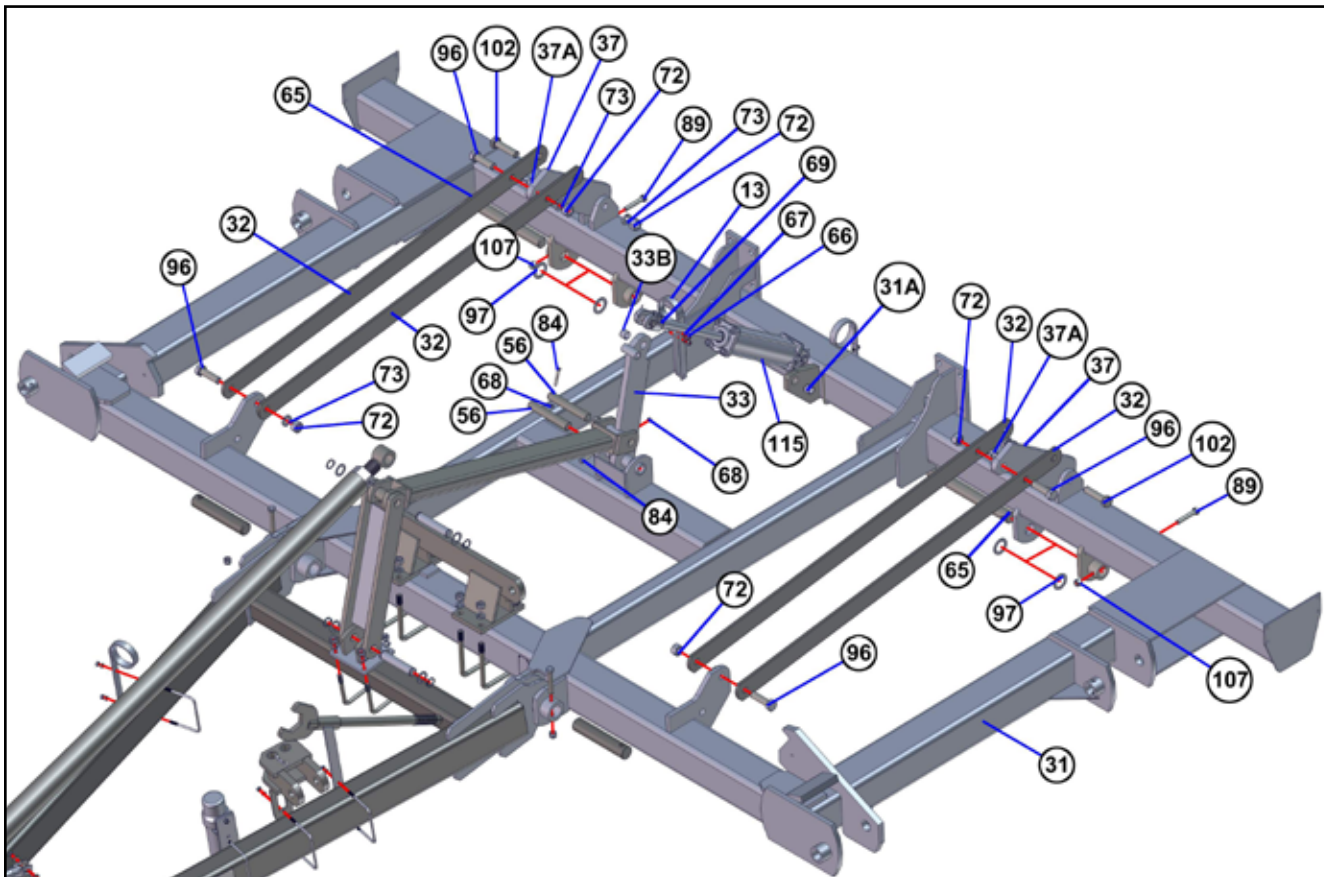
Center Section Area of Bundle 66000126

30C	2	BP3538	TENSION BUSHING, 2" X 1-3/4" X 1-1/2" OAL
31	1	AM6172	FRAME, MAIN, AT6020
31A	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
32	4	AM6179	LINKAGE, CYLINDER LUG SUPPORT
33	1	AM6182	LINKAGE, TONGUE CYLINDER ARM
33A	4	BP3072	GREASE ZERK, 1/4"-28
33B	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
34	1	AM6183	LINKAGE, TONGUE CYLINDER
35	1	AM6187	WING, PRIMARY, LH, AT6010
35A	2	BP3072	GREASE ZERK, 1/4"-28
36	1	AM6188	WING, PRIMARY, RH, AT6010
37	2	AM6202	CYLINDER LUG, BOLT-ON W/ NOTCH
37A	2	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
38	1	AM6263	BRACKET, PIVOT, DEPTH CONTROL
39	1	AM6264	ARM, VALVE, DEPTH CONTROL
40	1	AM6266	LINKAGE, STOP, DEPTH CONTROL
41	1	AM6271	LATCH, DEPTH CONTROL ADJUSTER
42	1	AM6276	ADJUSTER BRACKET, LEGACY DEPTH CONTROL
43	4	AP2215	DECAL, BLU-JET, 3" X 8"
44	1	AP2222	DECAL, STAND CLEAR OF TONGUE, TONGUE LIGHT
45	1	AP2231	DECAL, FEMA, 2-1/2" X 1-1/2"
46	4	AP2234	DECAL, DANGER STAND CLEAR FALLING WING
47	1	AP2469	DECAL, SAFETY CHAIN
48	1	AP2483	DECAL, DANGER, FALLING FROM EQUIPMENT
49	2	AP2554	DECAL, LEGACY
50	12	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
51	1	AP2864	PERFECT HITCH, CAT IV, BLACK
52	2	AP2871	HOSE RETAINER
53	1	AP2914	DECAL, WARNING, HIGH-PRESSURE FLUID
54	1	AP4391	TRANSPORT CHAIN, 60,000#, 5/8"
55	1	BM3453	SPACER
56	2	BM3465	PIN, 1-1/4" X 7-3/4" OAL, W/ 13/32" HOLE, PLTD
57	4	BM3485	PIN, 1-3/4" X 12-1/8" OAL, W/ 21/32" HOLE, PLTD
58	1	BM3487	PIN, 1 X 7-3/4" OAL, W/ 13/32" HOLE, PLTD
59	2	BM3497	PIN, 1-3/4" X 14-3/4" OAL
60	2	BM3544	PIN, 1-1/4" X 9" USEABLE
61	2	BM3547	PIN, 1-1/4" X 5-3/4" USEABLE
62	2	BM3555	HEX BOLT, 1"-8 X 7-5/16", FULL THREAD WELDED HEAD
63	2	BM3565	PIN, 2" X 10-1/4" OAL, W/ 21/32" HOLE, PLTD
64	2	BM3610	PIN, 1-3/4" X 6-1/8" USEABLE W/ANTI-ROTATION HEAD
65	2	BM3664	PIN, 1-3/4" X 16-9/16" OAL, W/ 21/32" HOLE
66	12	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
67	12	BP3002	WASHER, LOCK, 3/8", PLATED
68	9	BP3003	NUT, HEX LOCK, 3/8"-16, GRADE 2, PLATED
69	6	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
70	2	BP3006	HEX CAP SCREW, 3/8"-16 X 1", GRADE 5, PLATED

Center Section Area of Bundle 66000126

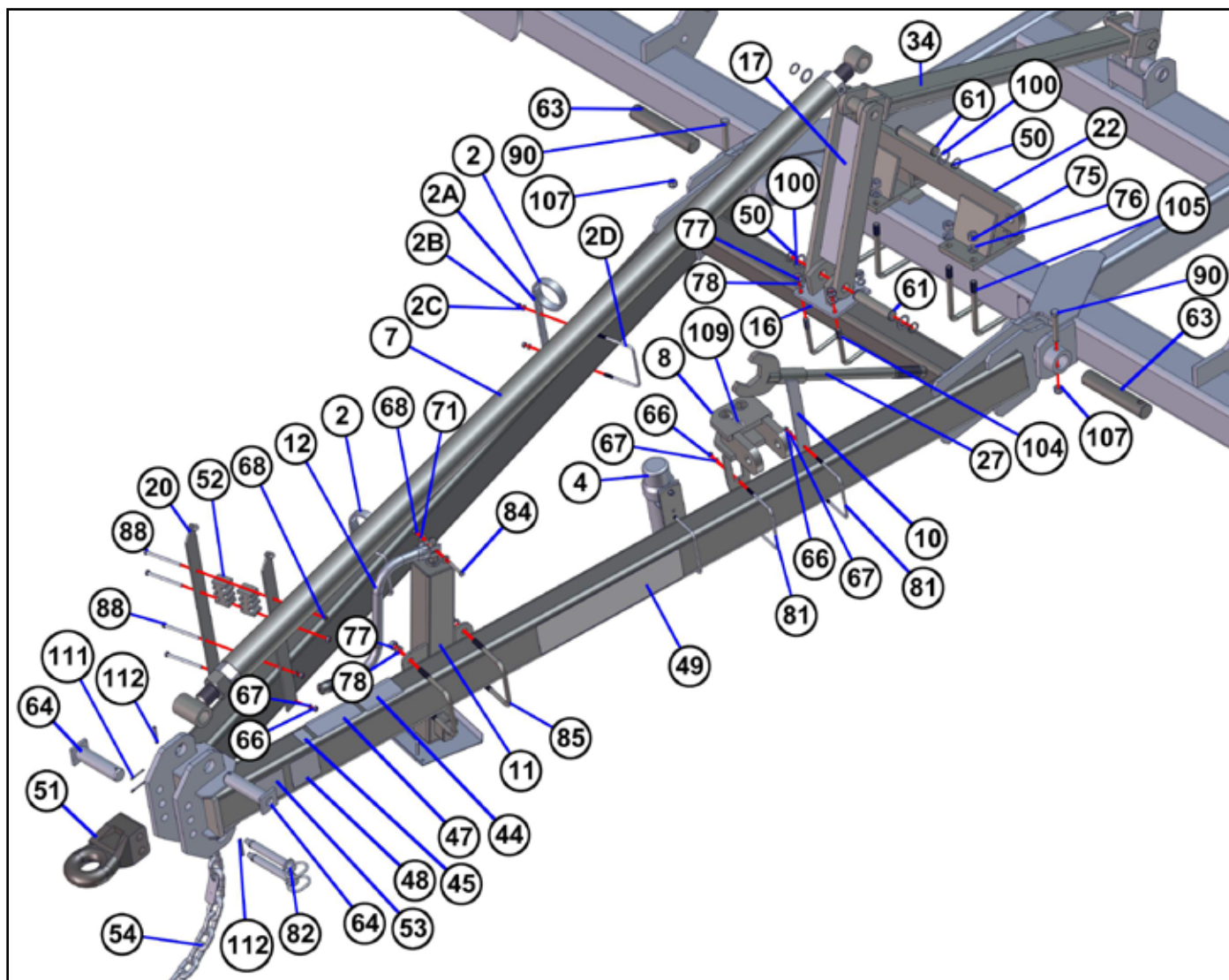
71	2	BP3015	WASHER, FLAT, 3/8", PLATED
72	14	BP3019	NUT, HEX, 1"-8, GRADE 2, PLATED
73	6	BP3020	WASHER, LOCK, 1, PLATED
74	2	BP3027	NUT, HEX LOCK, 3/4"-10, GRADE 2, PLATED
75	8	BP3034	NUT, HEX, 3/4"-10, GRD 2, PLATED
76	8	BP3035	WASHER, LOCK, 3/4", PLATED
77	16	BP3038	NUT, HEX, 5/8"-11, GRADE 2
78	16	BP3039	WASHER, LOCK, 5/8", PLATED
79	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
80	4	BP3043	WASHER, LOCK, 1/2", PLATED
81	2	BP3045	U-BOLT, 3/8"-16 X 6"W X 5"L, PLATED
82	2	BP3051	PIN, 1" X 6", HITCH, PLATED
83	6	BP3072	GREASE ZERK, 1/4"-28
84	3	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRADE 5, PLATED
85	2	BP3099	U-BOLT, 5/8"-11 X 6 X 6, PLATED
86	2	BP3111	HEX CAP SCREW, 5/16"-18 S 2-1/2", GRADE 5, PLATED
87	3	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
88	4	BP3118	HEX CAP SCREW, 3/8"-16 X 5", GRADE 5, PLATED
89	6	BP3135	HEX CAP SCREW, 5/8"-11 X 3-1/2", GRADE 5, PLATED
90	4	BP3136	HEX CAP SCREW, 5/8"-11 X 4", GRADE 5, PLATED
91	1	BP3139	HEX CAP SCREW, 3/4"-10 X 2", GRADE 5, PLATED
92	1	BP3145	HEX CAP SCREW, 3/4"-10 X 4-1/2", GRADE 5, ZP
93	2	BP3157	NUT, HEX, 5/16"-18, GRADE 2, PLATED
94	2	BP3158	WASHER, LOCK, 5/16", PLATED
95	2	BP3179	HEX CAP SCREW, 1/2"-13 X 8", GRADE 5, PLATED
96	4	BP3200	HEX CAP SCREW, 1"-8 X 3-1/2", GRADE 5, PLATED
97	8	BP3205	MACHINERY BUSHING, 2-1/2" OD X 1-3/4" ID, 10GA, PLATED
98	2	BP3215	MACHINERY BUSHING, 1-1/2" OD X 1" ID, 14GA, PLATED
99	2	BP3244	NUT, HEX LOCK, 1/2"-13, PLATED
100	12	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14GA, PLATED
101	2	BP3255	WASHER, FLAT, 3/4", PLATED STRUCTURAL 10GA
102	6	BP3291	HEX CAP SCREW, 1"-8 X 4", GRADE 5, PLATED
103	2	BP3330	U-BOLT, 1/2"-13 X 6"W X 5-1/8"L
104	4	BP3347	U-BOLT, 5/8"-11 X 4 X 5-5/8, PLATED
105	4	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
106	2	BP3354	U-BOLT, 5/8"-11 X 4"X 7-3/4", PLATED
107	10	BP3375	NUT, HEX LOCK, 5/8"-11, NYLOCK
108	1	BP3376	PIN, WIRE RETAINING, 1/4" X 2", PLATED
109	1	BP3500	PIN, HAIR CLIP, 3/16"
110	2	BP3504	PIN, HAIRCLIP, 1/8"
111	2	BP3511	PIN, COTTER, 3/16" X 1-3/4"
112	2	BP3519	PIN, ROLL, 3/8" X 2-1/2", PLAIN
113	2	AP4880	PIN, CLEVIS, 3/4" X 3", ZP
114	1	CP2660	NUT, HEX LOCK, 3/8"-16, NYLOCK
115	1	DP4485	REPHASING CYLINDER, 3-3/4 X 12, PMS-AM-2558
116	1	EM3735	BUSHING

Center Section Area of Bundle 66000126



BOM ID	Qty	Item No	Description
13	3	AM4015	HOSE RETAINER, CLOSED LOOP, 6" & 7" MOUNTING
31	1	AM6172	FRAME, MAIN, AT6020
31A	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
32	4	AM6179	LINKAGE, CYLINDER LUG SUPPORT
33	1	AM6182	LINKAGE, TONGUE CYLINDER ARM
33A	4	BP3072	GREASE ZERK, 1/4"-28
33B	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
37	2	AM6202	CYLINDER LUG, BOLT-ON W/ NOTCH
37A	2	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
56	2	BM3465	PIN, 1-1/4" X 7-3/4" OAL, W/ 13/32" HOLE, PLTD
65	2	BM3664	PIN, 1-3/4" X 16-9/16" OAL, W/ 21/32" HOLE
66	12	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
67	12	BP3002	WASHER, LOCK, 3/8", PLATED
68	9	BP3003	NUT, HEX LOCK, 3/8"-16, GRADE 2, PLATED
69	6	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
72	14	BP3019	NUT, HEX, 1"-8, GRADE 2, PLATED
73	6	BP3020	WASHER, LOCK, 1, PLATED
84	3	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRADE 5, PLATED
89	6	BP3135	HEX CAP SCREW, 5/8"-11 X 3-1/2", GRADE 5, PLATED
96	4	BP3200	HEX CAP SCREW, 1"-8 X 3-1/2", GRADE 5, PLATED
97	8	BP3205	MACHINERY BUSHING, 2-1/2" OD X 1-3/4" ID, 10GA, PLATED
102	6	BP3291	HEX CAP SCREW, 1"-8 X 4", GRADE 5, PLATED
107	10	BP3375	NUT, HEX LOCK, 5/8"-11, NYLOCK
115	1	DP4485	REPHASING CYLINDER, 3-3/4 X 12, PMS-AM-2558

Center Section Area of Bundle 66000126

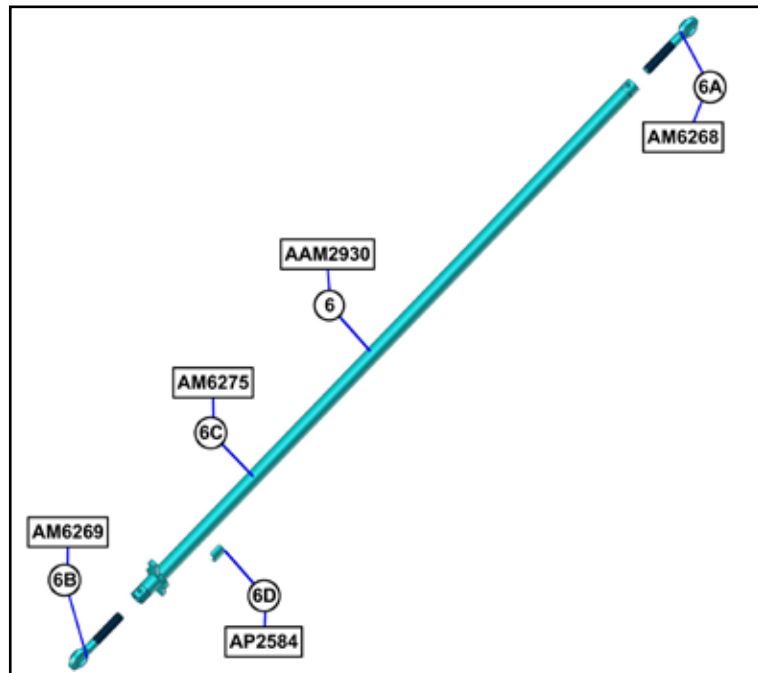
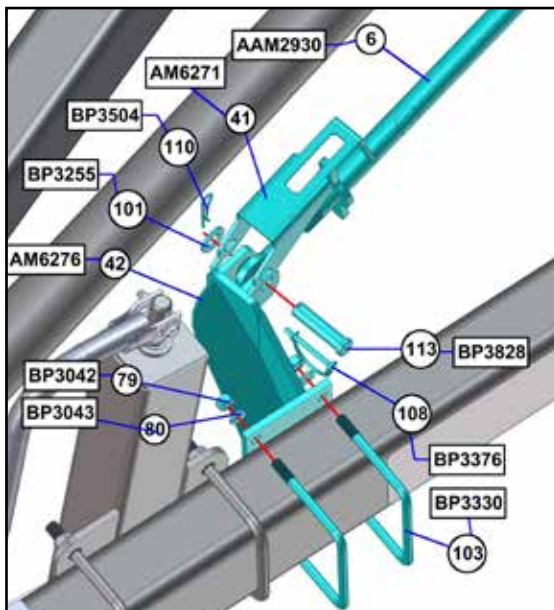
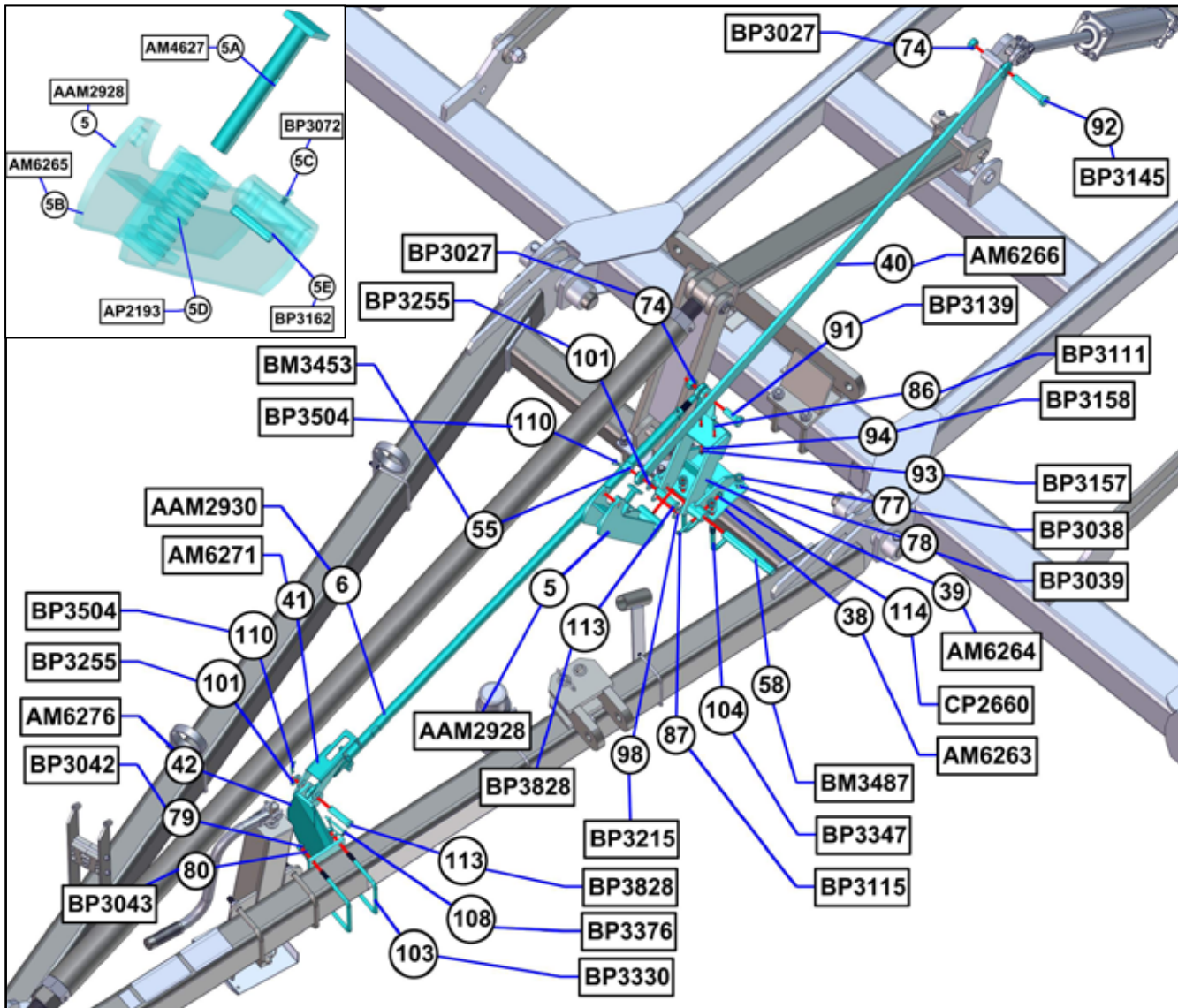


BOM ID	Qty	Item No	Description
2	2	AAM2437	HOSE RETAINER ASSEMBLY, CLOSED LOOP, 4X6 TUBE
2A	2	AM4015	HOSE RETAINER, CLOSED LOOP, 6" & 7" MOUNTING
2B	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
2C	4	BP3002	WASHER, LOCK, 3/8", PLATED
2D	2	BP3045	U-BOLT, 3/8"-16 X 6"W X 5"L, PLATED
4	1	AAM2639	MANUAL HOLDERW/ 6" X 4" MOUNTING
7	1	AAM4768	ASSEMBLY, TURNBUCKLE
8	1	AM2144	HITCH, CLEVIS
9	1	AM2145	BRACKET, HITCH STORAGE, 6" MOUNTING
10	1	AM2197	BRACKET, WRENCH STORAGE
11	1	AM2518	JACK, 9TWDL
12	1	AM2526	CRANK W/ GRIP, 90 LONG
16	1	AM4511	BRACKET, TURNBUCKLE SUPPORT MOUNTING
17	1	AM4512	TURNBUCKLE SUPPORT
20	2	AM4528	BRACKET, HOSE HOLDER W/ PRESSURE GAUGE MOUNT
22	1	AM4563	CYLINDER LUG, BOLT-ON 5" CYLINDER

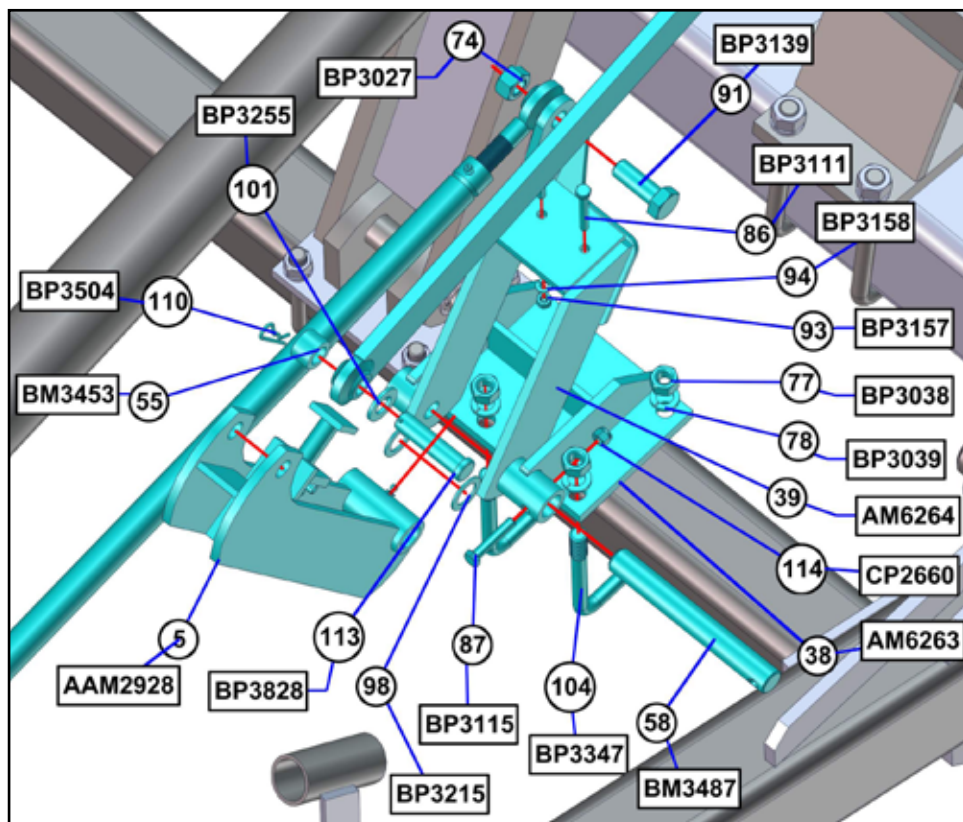
Center Section Area of Bundle 66000126

27	1	AM4759	TURNBUCKLE WRENCH, 3-1/16"
34	1	AM6183	LINKAGE, TONGUE CYLINDER
44	1	AP2222	DECAL, STAND CLEAR OF TONGUE, TONGUE LIGHT
45	1	AP2231	DECAL, FEMA, 2-1/2" X 1-1/2"
47	1	AP2469	DECAL, SAFETY CHAIN
48	1	AP2483	DECAL, DANGER, FALLING FROM EQUIPMENT
49	2	AP2554	DECAL, LEGACY
50	12	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
51	1	AP2864	PERFECT HITCH, CAT IV, BLACK
52	2	AP2871	HOSE RETAINER
53	1	AP2914	DECAL, WARNING, HIGH-PRESSURE FLUID
54	1	AP4391	TRANSPORT CHAIN, 60,000#, 5/8"
61	2	BM3547	PIN, 1-1/4" X 5-3/4" USEABLE
63	2	BM3565	PIN, 2" X 10-1/4" OAL, W/ 21/32" HOLE, PLATED
64	2	BM3610	PIN, 1-3/4" X 6-1/8" USEABLE W/ANTI-ROTATION HEAD
66	12	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
67	12	BP3002	WASHER, LOCK, 3/8", PLATED
68	9	BP3003	NUT, HEX LOCK, 3/8"-16, GRADE 2, PLATED
71	2	BP3015	WASHER, FLAT, 3/8", PLATED
75	8	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
76	8	BP3035	WASHER, LOCK, 3/4", PLATED
77	16	BP3038	NUT, HEX, 5/8"-11, GRADE 2,
78	16	BP3039	WASHER, LOCK, 5/8", PLATED
81	2	BP3045	U-BOLT, 3/8"-16 X 6"W X 5"L, PLATED
82	2	BP3051	PIN, 1" X 6", HITCH, PLATED
84	3	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRADE 5, PLATED
85	2	BP3099	U-BOLT, 5/8"-11 X 6" X 6", PLATED
88	4	BP3118	HEX CAP SCREW, 3/8"-16 X 5", GRADE 5, PLATED
90	4	BP3136	HEX CAP SCREW, 5/8"-11 X 4, GRADE 5, PLATED
100	12	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14GA, PLATED
104	4	BP3347	U-BOLT, 5/8"-11 X 4" X 5-5/8", PLATED
105	4	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
107	10	BP3375	NUT, HEX LOCK, 5/8"-11, NYLOCK
109	1	BP3500	PIN, HAIR CLIP, 3/16"
111	2	BP3511	PIN, COTTER, 3/16" X 1-3/4"
112	2	BP3519	PIN, ROLL, 3/8" X 2-1/2", PLAIN

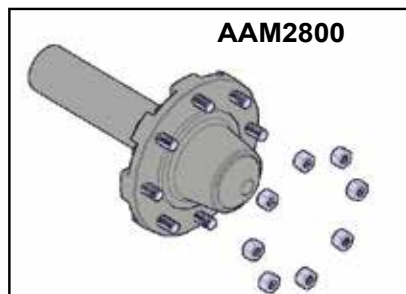
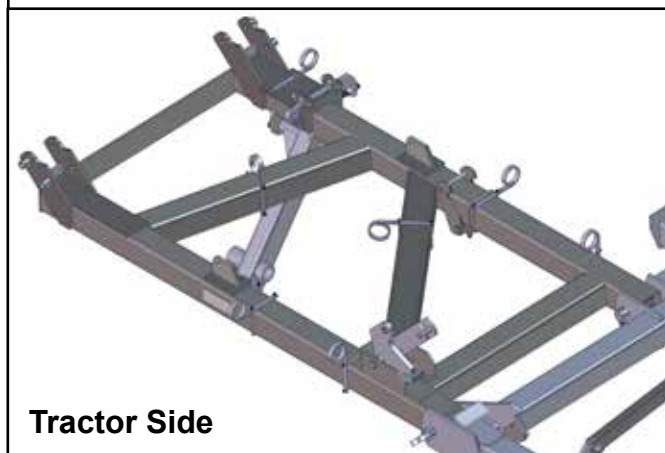
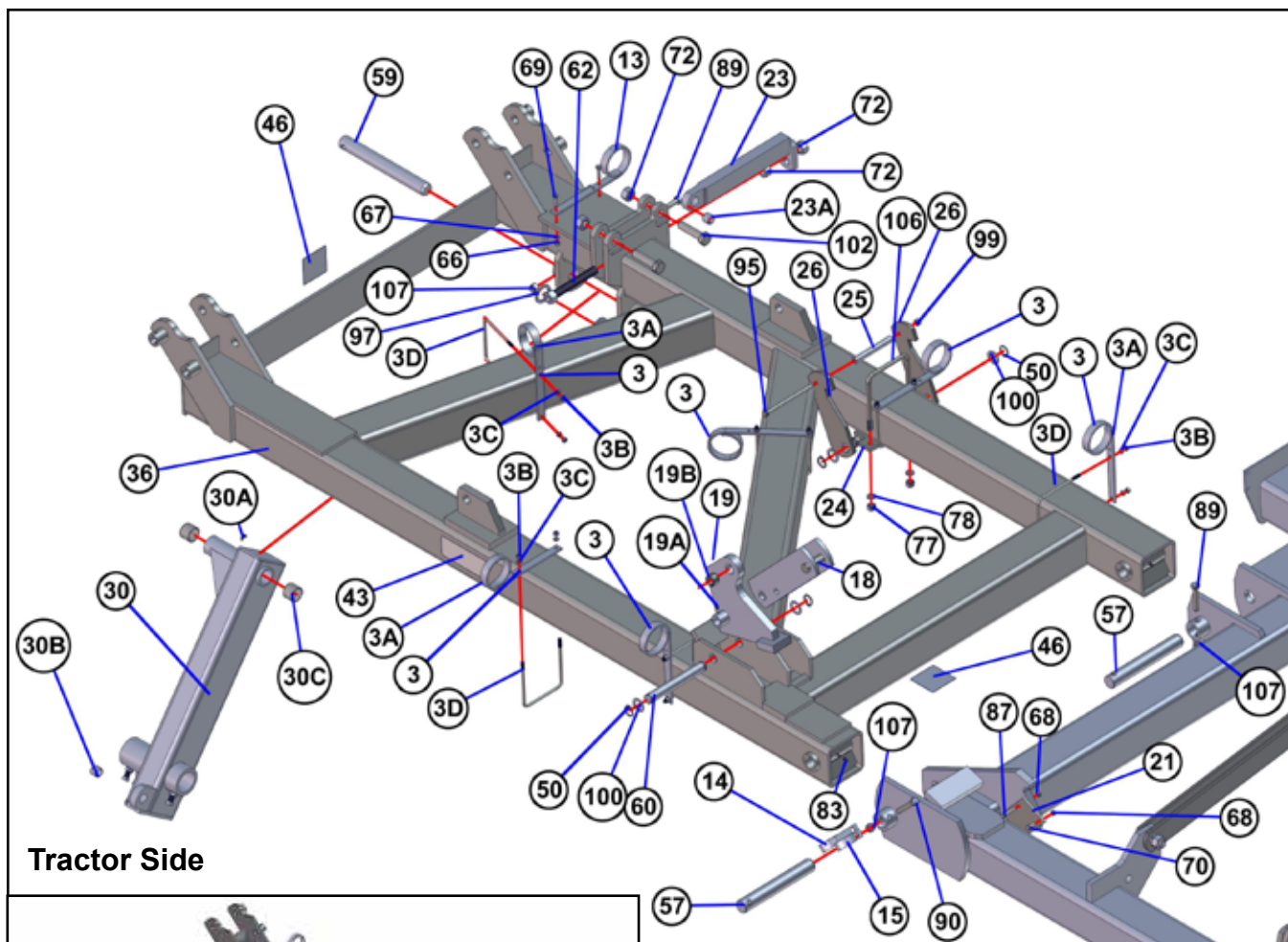
Center Section Area of Bundle 66000126 Depth Control Assembly



Center Section Area of Bundle 66000126 Depth Control Assembly



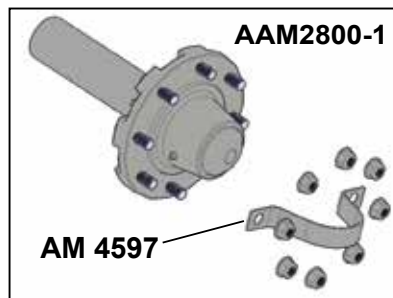
BOM ID	Qty	Item No	Description
5	1	AAM2928	STOP ARM, W/ PLUNGER, DEPTH CONTROL
6	1	AAM2930	ADJUSTMENT LINKAGE, LEGACY DEPTH CONTROL
38	1	AM6263	BRACKET, PIVOT, DEPTH CONTROL
39	1	AM6264	ARM, VALVE, DEPTH CONTROL
40	1	AM6266	LINKAGE, STOP, DEPTH CONTROL
41	1	AM6271	LATCH, DEPTH CONTROL ADJUSTER
42	1	AM6276	ADJUSTER BRACKET, LEGACY DEPTH CONTROL
55	1	BM3453	SPACER
58	1	BM3487	PIN, 1" X 7-3/4" OAL, W/ 13/32" HOLE, PLATED
74	2	BP3027	NUT, HEX LOCK, 3/4"-10, GRADE 2, PLATED
77	16	BP3038	NUT, HEX, 5/8"-11, GRADE 2
78	16	BP3039	WASHER, LOCK, 5/8", PLATED
79	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
80	4	BP3043	WASHER, LOCK, 1/2", PLATED
86	2	BP3111	HEX CAP SCREW, 5/16-18 S 2-1/2, GRADE 5, PLATED
87	3	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
91	1	BP3139	HEX CAP SCREW, 3/4"-10 X 2", GRADE 5, PLATED
92	1	BP3145	HEX CAP SCREW, 3/4-10 X 4-1/2", GRADE 5, ZP
93	2	BP3157	NUT, HEX, 5/16"-18, GRADE 2, PLATED
94	2	BP3158	WASHER, LOCK, 5/16", PLATED
98	2	BP3215	MACHINERY BUSHING, 1-1/2" OD X 1" ID, 14GA, PLATED
101	2	BP3255	WASHER, FLAT, 3/4", PLATED STRUCTURAL 10GA
103	2	BP3330	U-BOLT, 1/2"-13 X 6"W X 5-1/8"L
104	4	BP3347	U-BOLT, 5/8"-11 X 4 X 5-5/8", PLATED
108	1	BP3376	PIN, WIRE RETAINING, 1/4" X 2", PLATED
110	2	BP3504	PIN, HAIR CLIP, 1/8"
113	2	AP4880	PIN, CLEVIS, 3/4" X 3", ZP
114	1	CP2660	NUT, HEX LOCK, 3/8"-16, NYLOCK



NOTE:

**AAM2800 (With tapered wheel nuts)
and 295/75R22.5 gauge wheel tires.**

Do not use AM 4597 with tapered wheel nuts.



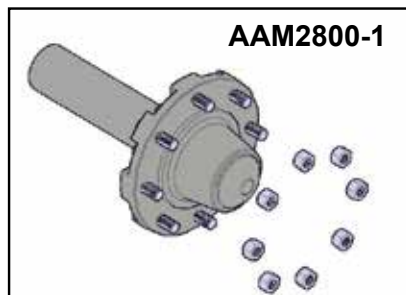
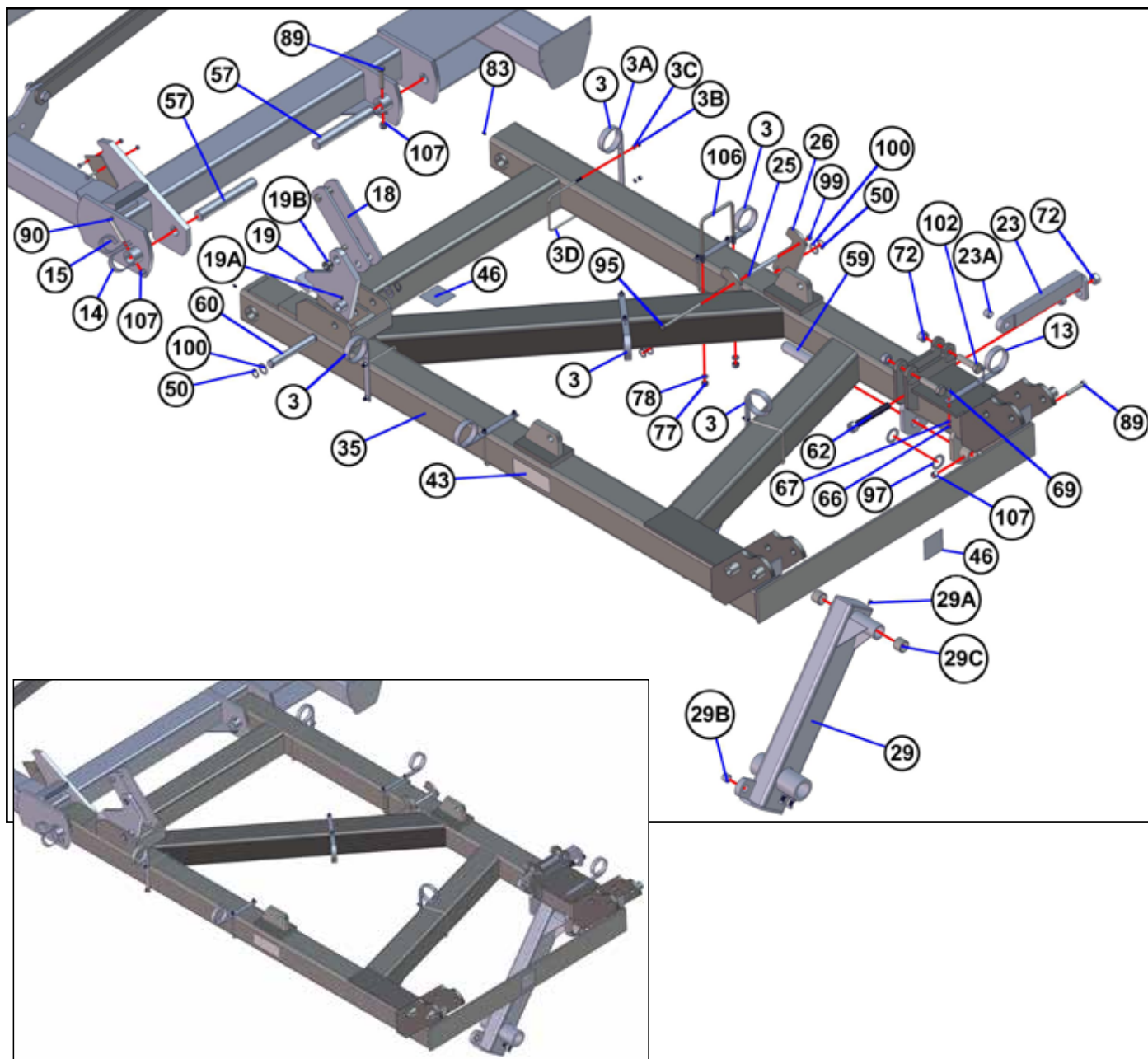
NOTE:

AAM2800-1 (With flange lock nuts) and AM4597 hub cap strap are used only with 385/65R22.5 gauge wheel tires.

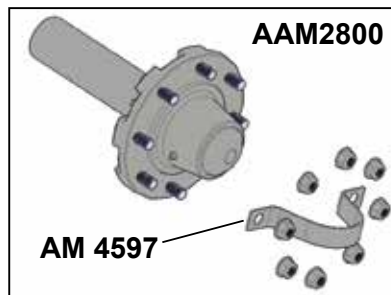
Primary Wing Right-hand Area of Bundle 66000103

BOM ID	Qty	Item No	Description
3	13	AAM2438	HOSE RETAINER ASSEMBLY, CLOSED LOOP, 6X6 TUBE
3A	13	AM4015	HOSE RETAINER, CLOSED LOOP, 6" & 7" MOUNTING
3B	26	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
3C	26	BP3002	WASHER, LOCK, 3/8", PLATED
3D	13	BP3351	U-BOLT, 3/8"-16 X 6"W X 7"L, PLATED
13	3	AM4015	HOSE RETAINER, CLOSED LOOP, 6" & 7" MOUNTING
14	2	AM4415	HOSE RETAINER, OPEN LOOP
15	2	AM4442	HOSE RETAINER, CLOSED LOOP
18	2	AM4517	WING LOCK
19	2	AM4524	ROCKER, AT6020
19A	4	BP3072	GREASE ZERK, 1/4"-28
19B	2	BP3560	TENSION BUSHING, 1-1/2" X 1-1/4" X 1" OAL
21	2	AM4529	SAFETY LAUNCH TRIP, PRIMARY WING, AT 5000
23	2	AM4564	CYLINDER LUG, SCREW ADJUST
23A	2	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
24	2	AM4566	WING LATCH PIVOT, SECONDARY WING
25	2	AM4567	SPACER PIPE, 6-1/4" OAL
26	4	AM4568	SECONDARY WING LOCK PLATE
30	1	AM6164	WHEEL LEG, RH, W/ 2-3/4" SPINDLE LOOP
30A	1	BP3213	GREASE ZERK
30B	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
30C	2	BP3538	TENSION BUSHING, 2" X 1-3/4" X 1-1/2" OAL
36	1	AM6188	WING, PRIMARY, RH, AT6010
43	4	AP2215	DECAL, BLU-JET, 3" X 8"
46	4	AP2234	DECAL, DANGER STAND CLEAR FALLING WING
50	12	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
57	4	BM3485	PIN, 1-3/4" X 12-1/8" OAL, W/ 21/32" HOLE, PLATED
59	2	BM3497	PIN, 1-3/4" X 14-3/4" OAL
60	2	BM3544	PIN, 1-1/4" X 9" USEABLE
62	2	BM3555	HEX BOLT, 1"-8 X 7-5/16", FULL THREAD WELDED HEAD
66	12	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
67	12	BP3002	WASHER, LOCK, 3/8", PLATED
68	9	BP3003	NUT, HEX LOCK, 3/8"-16, GRADE 2, PLATED
69	6	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
70	2	BP3006	HEX CAP SCREW, 3/8"-16 X 1", GRADE 5, PLATED
72	14	BP3019	NUT, HEX, 1"-8, GRADE 5, PLATED
77	16	BP3038	NUT, HEX, 5/8"-11, GRADE 2
78	16	BP3039	WASHER, LOCK, 5/8", PLATED
83	6	BP3072	GREASE ZERK, 1/4"-28
87	3	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
89	6	BP3135	HEX CAP SCREW, 5/8"-11 X 3-1/2", GRADE 5, PLATED
90	4	BP3136	HEX CAP SCREW, 5/8"-11 X 4, GRADE 5, PLATED
95	2	BP3179	HEX CAP SCREW, 1/2"-13 X 8, GRD 5, PLATED
97	8	BP3205	MACHINERY BUSHING, 2-1/2" OD X 1-3/4" ID, 10GA, PLATED
99	2	BP3244	NUT, HEX LOCK, 1/2"-13, PLATED
100	12	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14GA, PLATED
102	6	BP3291	HEX CAP SCREW, 1"-8 X 4", GRADE 5, PLATED
106	2	BP3354	U-BOLT, 5/8"-11 X 4" X 7-3/4", PLATED
107	10	BP3375	NUT, HEX LOCK, 5/8"-11, NYLOCK

Primary Wing Left-hand Area of Bundle 66000126



NOTE:
AAM2800 (With tapered wheel nuts)
and **295/75R22.5** gauge wheel tires.
Do not use AM 4597 with tapered wheel nuts.



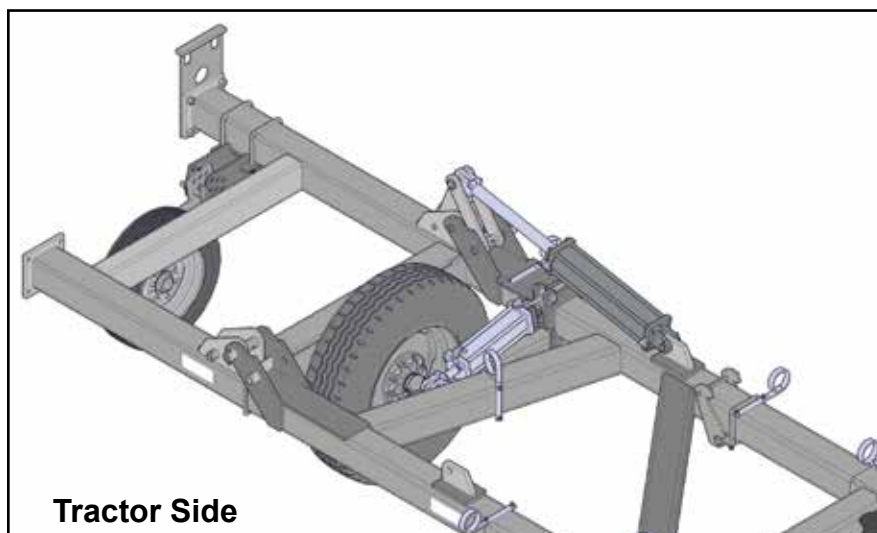
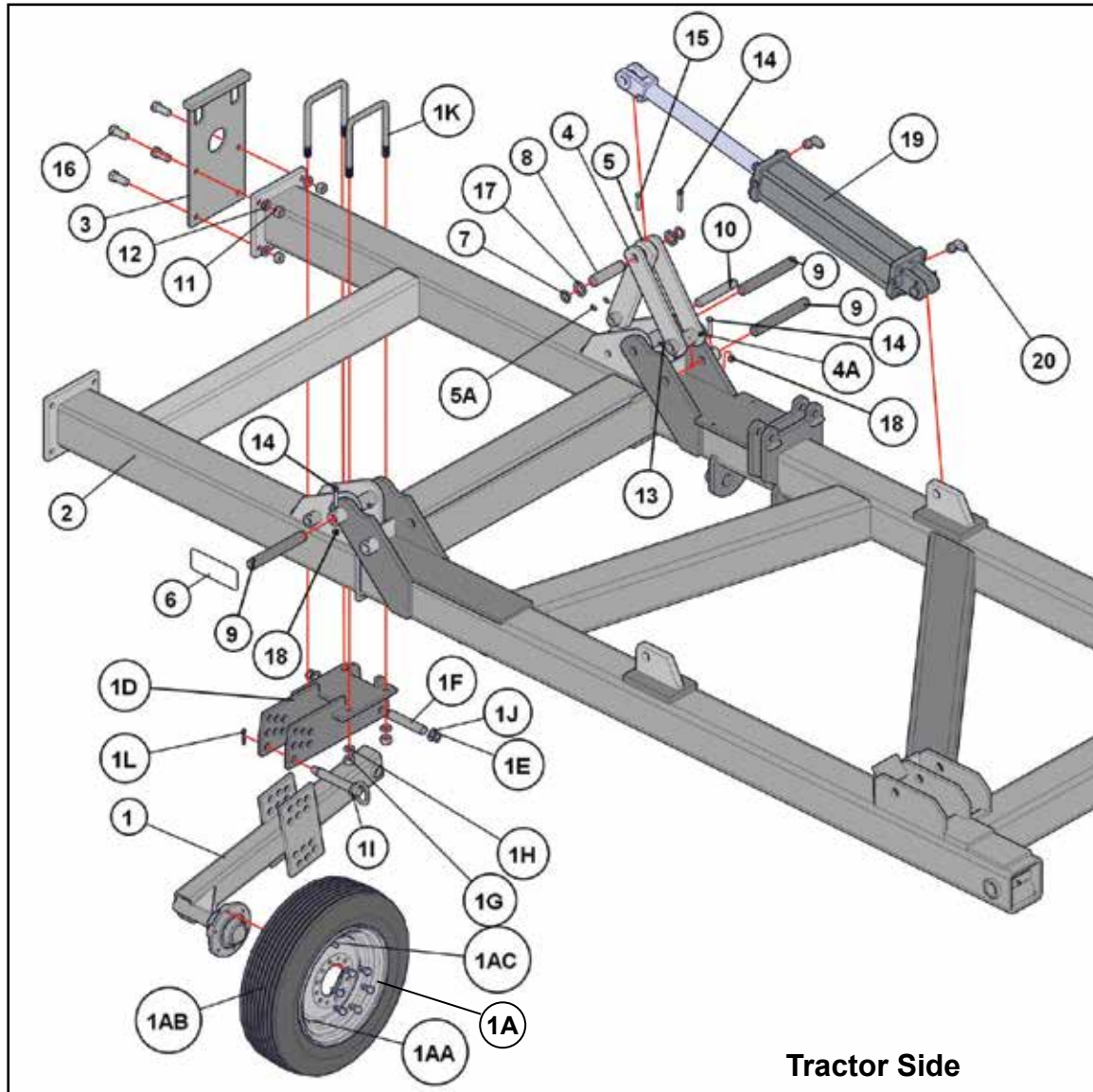
NOTE:
AAM2800-1 (With flange lock nuts) and
AM4597 hub cap strap are used only with
385/65R22.5 gauge wheel tires.

Primary Wing Left-hand Area of Bundle 66000103

BOM ID	Qty	Item No	Description
3	13	AAM2438	HOSE RETAINER ASSEMBLY, CLOSED LOOP, 6X6 TUBE
3A	13	AM4015	HOSE RETAINER, CLOSED LOOP, 6" & 7" MOUNTING
3B	26	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
3C	26	BP3002	WASHER, LOCK, 3/8", PLATED
3D	13	BP3351	U-BOLT, 3/8"-16 X 6"W X 7"L, PLATED
13	3	AM4015	HOSE RETAINER, CLOSED LOOP, 6" & 7" MOUNTING
14	2	AM4415	HOSE RETAINER, OPEN LOOP
15	2	AM4442	HOSE RETAINER, CLOSED LOOP
18	2	AM4517	WING LOCK
19	2	AM4524	ROCKER, AT6020
19A	4	BP3072	GREASE ZERK, 1/4"-28
19B	2	BP3560	TENSION BUSHING, 1-1/2" X 1-1/4" X 1" OAL
21	2	AM4529	SAFETY LAUNCH TRIP, PRIMARY WING, AT 5000
23	2	AM4564	CYLINDER LUG, SCREW ADJUST
23A	2	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
24	2	AM4566	WING LATCH PIVOT, SECONDARY WING
25	2	AM4567	SPACER PIPE, 6-1/4" OAL
26	4	AM4568	SECONDARY WING LOCK PLATE
29	1	AM6163	WHEEL LEG, LH, W/ 2-3/4" SPINDLE LOOP
29A	1	BP3213	GREASE ZERK
29B	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
29C	2	BP3538	TENSION BUSHING, 2" X 1-3/4" X 1-1/2" OAL
35	1	AM6187	WING, PRIMARY, LH, AT6010
43	4	AP2215	DECAL, BLU-JET, 3" X 8"
46	4	AP2234	DECAL, DANGER STAND CLEAR FALLING WING
50	12	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
57	4	BM3485	PIN, 1-3/4" X 12-1/8" OAL, W/ 21/32" HOLE, PLATED
59	2	BM3497	PIN, 1-3/4" X 14-3/4" OAL
60	2	BM3544	PIN, 1-1/4" X 9" USEABLE
62	2	BM3555	HEX BOLT, 1"-8 X 7-5/16", FULL THREAD WELDED HEAD
66	12	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
67	12	BP3002	WASHER, LOCK, 3/8", PLATED
68	9	BP3003	NUT, HEX LOCK, 3/8"-16, GRADE 2, PLATED
69	6	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
70	2	BP3006	HEX CAP SCREW, 3/8"-16 X 1", GRADE 5, PLATED
72	14	BP3019	NUT, HEX, 1"-8, GRADE 5, PLATED
77	16	BP3038	NUT, HEX, 5/8"-11, GRADE 2
78	16	BP3039	WASHER, LOCK, 5/8", PLATED
83	6	BP3072	GREASE ZERK, 1/4"-28
87	3	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
89	6	BP3135	HEX CAP SCREW, 5/8"-11 X 3-1/2", GRADE 5, PLATED
90	4	BP3136	HEX CAP SCREW, 5/8"-11 X 4, GRADE 5, PLATED
95	2	BP3179	HEX CAP SCREW, 1/2"-13 X 8, GRADE 5, PLATED
97	8	BP3205	MACHINERY BUSHING, 2-1/2" OD X 1-3/4" ID, 10GA, PLATED
99	2	BP3244	NUT, HEX LOCK, 1/2"-13, PLATED
100	12	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14GA, PLATED
102	6	BP3291	HEX CAP SCREW, 1"-8 X 4", GRADE 5, PLATED
106	2	BP3354	U-BOLT, 5/8"-11 X 4" X 7-3/4", PLATED
107	10	BP3375	NUT, HEX LOCK, 5/8"-11, NYLOCK

Part of Bundle Number:

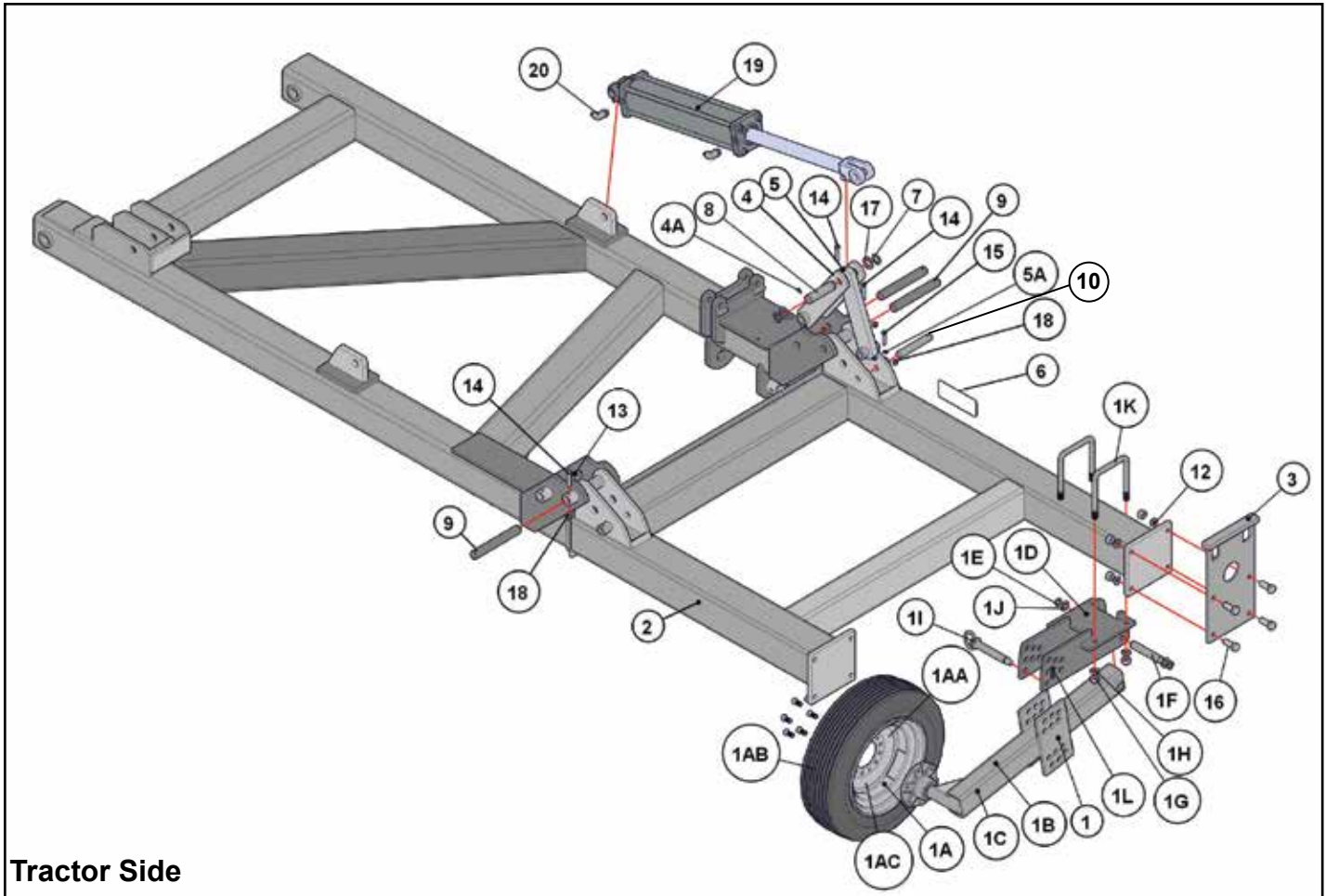
66000106 SECONDARY WING ECONOMY RIGHT SIDE



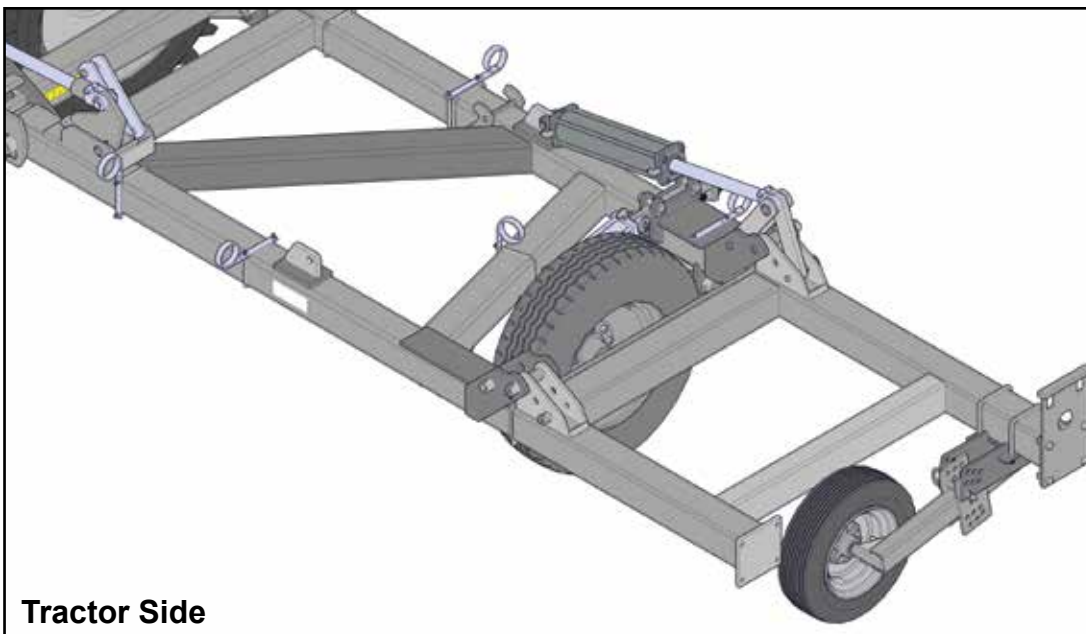
► **PART** OF 66000106 SECONDARY WING ECONOMY RIGHT SIDE

BOM ID	Qty	Item No	Description
1	1	55000100 single	GAUGE WHEEL, PIN ADJUST 6" X 6" MTG, 25-750-6-6
1A	1	AAM2768	WHEEL, 25 X 7.50-15, 4 PLY, 15" X 6" X 6", WHITE
1AA	2	AP2001	RIM, 15" X 6" X 6", WHITE
1AB	2	AP2017	TIRE, 25 X 7.50- 5,4 PLY, TERRA RIB
1AC	2	AP2790	VALVE STEM, METAL
1B	1	AM24024	ASSEMBLY, GAUGE WHEEL LEG, PIN ADJUST
1C	1	EM3700	WELDMENT, GAUGE WHEEL LEG, PIN ADJUST
1D	1	AM24025	BRACKET, PIN ADJUST GAUGE WHEEL MOUNTING
1E	4	AP2407	SNAP RING, 1" EXTERNAL, HEAVY DUTY
1F	2	BM3650	PIN, 1 X 5-9/16 USABLE
1G	8	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
1H	8	BP3035	WASHER, LOCK, 3/4", PLATED
1I	2	BP3051	PIN, 1" X 6", HITCH, PLATED
1J	4	BP3215	MACHINERY BUSHING, 1-1/2" OD X 1" ID, 14 GAUGE, PLATED
1K	4	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
1L	2	BP3511	PIN, COTTER, 3/16" X 1-3/4"
2	1	AM4552	WING, SECONDARY, 5'8", RIGHT-HAND, LEGACY
3	1	AM4565	SECONDARY WING REST
4	1	AM6189	LINKAGE, SECONDARY FOLD, AT6010
4A	2	BP3072	GREASE ZERK, 1/4"-28
5	1	AM6197	WING LINKAGE, 12-1/4", WITH 1-1/4" HOLE
5A	4	BP3072	GREASE ZERK, 1/4"-28
6	2	AP2215	DECAL, BLU-JET, 3" X 8"
7	2	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
8	1	BM3548	PIN, 1-1/4" X 4-3/4" USABLE, DOUBLE GROOVED, PLATED
9	3	BM3816	PIN, 1-1/4" X 9-13/16" OAL, WITH 13/32 HOLE, PLATED
10	1	BM3817	PIN, 1" X 6-7/8" OAL, WITH 13/32" HOLE, PLATED
11	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
12	4	BP3035	WASHER, LOCK, 3/4", PLATED
13	2	BP3072	GREASE ZERK, 1/4"-28
14	3	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRADE 5, PLATED
15	1	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
16	4	BP3139	HEX CAP SCREW, 3/4"-10 X 2", GRADE 5, PLATED
17	2	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14 GAUGE
18	4	CP2660	NUT, HEX LOCK, 3/8"-16, NYLOCK
19	1	DP4579	CYLINDER, HYD, 4-1/2" X 20", SIDE PORTED, B450200BCDDA07B
20	2	DP4581	ADAPTER, 6MJ-10MSAE, 90 DEGREE, 6801-6-10

PART OF BUNDLE NUMBER:
66000106 SECONDARY WING ECONOMY LEFT SIDE



Tractor Side



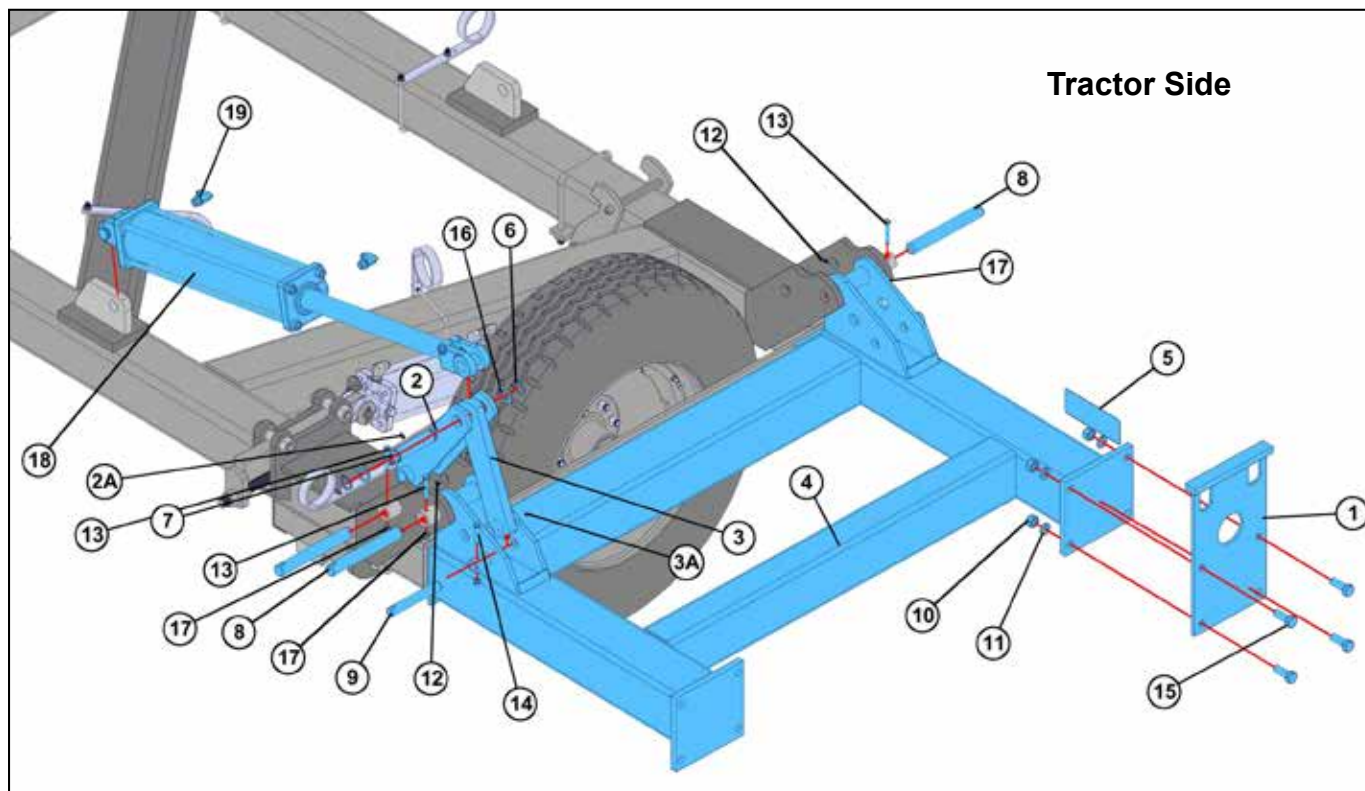
Tractor Side

► **PART** OF 66000106 SECONDARY WING ECONOMY LEFT SIDE

BOM ID	Qty	Item No	Description
1	1	55000100 single	GAUGE WHEEL, PIN ADJUST 6" X 6" MTG, 25-750-6-6
1A	1	AAM2768	WHEEL, 25 X 7.50-15, 4 PLY, 15" X 6" X 6", WHITE
1AA	2	AP2001	RIM, 15" X 6" X 6", WHITE
1AB	2	AP2017	TIRE, 25 X 7.50- 5,4 PLY, TERRA RIB
1AC	2	AP2790	VALVE STEM, METAL
1B	1	AM24024	ASSEMBLY, GAUGE WHEEL LEG, PIN ADJUST
1C	1	EM3700	WELDMENT, GAUGE WHEEL LEG, PIN ADJUST
1D	1	AM24025	BRACKET, PIN ADJUST GAUGE WHEEL MOUNTING
1E	4	AP2407	SNAP RING, 1" EXTERNAL, HEAVY DUTY
1F	2	BM3650	PIN, 1 X 5-9/16 USABLE
1G	8	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
1H	8	BP3035	WASHER, LOCK, 3/4", PLATED
1I	2	BP3051	PIN, 1" X 6", HITCH, PLATED
1J	4	BP3215	MACHINERY BUSHING, 1-1/2" OD X 1" ID, 14 GAUGE, PLATED
1K	4	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
1L	2	BP3511	PIN, COTTER, 3/16" X 1-3/4"
2	1	AM4551	WING, SECONDARY, 5'8", LEFT-HAND, LEGACY
3	1	AM4565	SECONDARY WING REST
4	1	AM6189	LINKAGE, SECONDARY FOLD, AT6010
4A	2	BP3072	GREASE ZERK, 1/4"-28
5	1	AM6197	WING LINKAGE, 12-1/4", WITH 1-1/4" HOLE
5A	4	BP3072	GREASE ZERK, 1/4"-28
6	2	AP2215	DECAL, BLU-JET, 3" X 8"
7	2	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
8	1	BM3548	PIN, 1-1/4" X 4-3/4" USABLE, DOUBLE GROOVED, PLATED
9	3	BM3816	PIN, 1-1/4" X 9-13/16" OAL, WITH 13/32 HOLE, PLATED
10	1	BM3817	PIN, 1" X 6-7/8" OAL, WITH 13/32" HOLE, PLATED
11	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
12	4	BP3035	WASHER, LOCK, 3/4", PLATED
13	2	BP3072	GREASE ZERK, 1/4"-28
14	3	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRADE 5, PLATED
15	1	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
16	4	BP3139	HEX CAP SCREW, 3/4"-10 X 2", GRADE 5, PLATED
17	2	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14 GAUGE
18	4	CP2660	NUT, HEX LOCK, 3/8"-16, NYLOCK
19	1	DP4579	CYLINDER, HYD, 4-1/2" X 20", SIDE PORTED, B450200BCDDA07B
20	2	DP4581	ADAPTER, 6MJ-10MSAE, 90 DEGREE, 6801-6-10

Secondary Wing, 3'-2" Right Side Bundle 66000128

**BUNDLE NUMBER:
66000128 SECONDARY WING 3'-2" RIGHT SIDE**



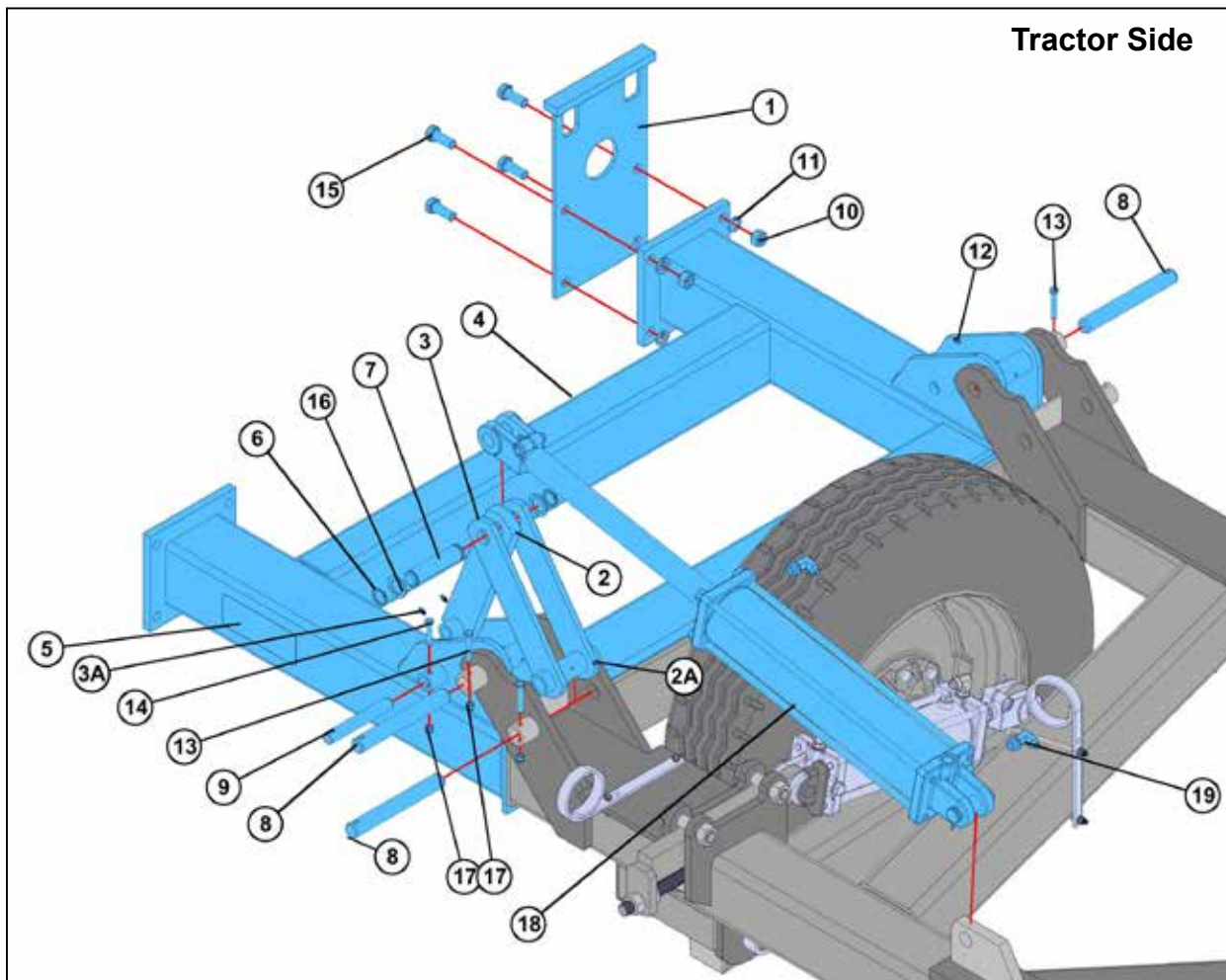
► **BUNDLE: 66000128 LEGACY, SECONDARY WINGS, 3'-2" RIGHT SIDE**

BOM ID	Qty	Item No	Description
1	1	AM4565	SECONDARY WING REST
2	1	AM6189	LINKAGE, SECONDARY FOLD, AT6010
2A	1	BP3072	GREASE ZERK, 1/4"-28
3	1	AM6197	WING LINKAGE, 12-1/4", WITH 1-1/4" HOLE
3A	2	BP3072	GREASE ZERK, 1/4"-28
4	1	AM6225	WING, SECONDARY, 3'2", LEGACY
5	1	AP2215	DECAL, BLU-JET, 3" X 8"
6	2	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
7	1	BM3548	PIN, 1-1/4" X 4-3/4" USABLE, DOUBLE GROOVED, PLATED
8	3	BM3816	PIN, 1-1/4" X 9-13/16" OAL, WITH 13/32" HOLE, PLATED
9	1	BM3817	PIN, 1" X 6-7/8" OAL, WITH 13/32" HOLE, PLATED
10	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
11	4	BP3035	WASHER, LOCK, 3/4", PLATED
12	2	BP3072	GREASE ZERK, 1/4"-28
13	3	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRADE 5, PLATED
14	1	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
15	4	BP3139	HEX CAP SCREW, 3/4"-10 X 2", GRADE 5, PLATED
16	2	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14 GAUGE
17	4	CP2660	NUT, HEX LOCK, 3/8"-16, NYLOCK
18	1	DP4579	CYLINDER, HYD, 4-1/2" X 20", SIDE PORTED, B450200BCDDA07B
19	2	DP4581	ADAPTER, 6MJ-10MSAE, 90 DEGREE, 6801-6-10

Secondary Wing, 3'-2" Left Side Bundle 66000128

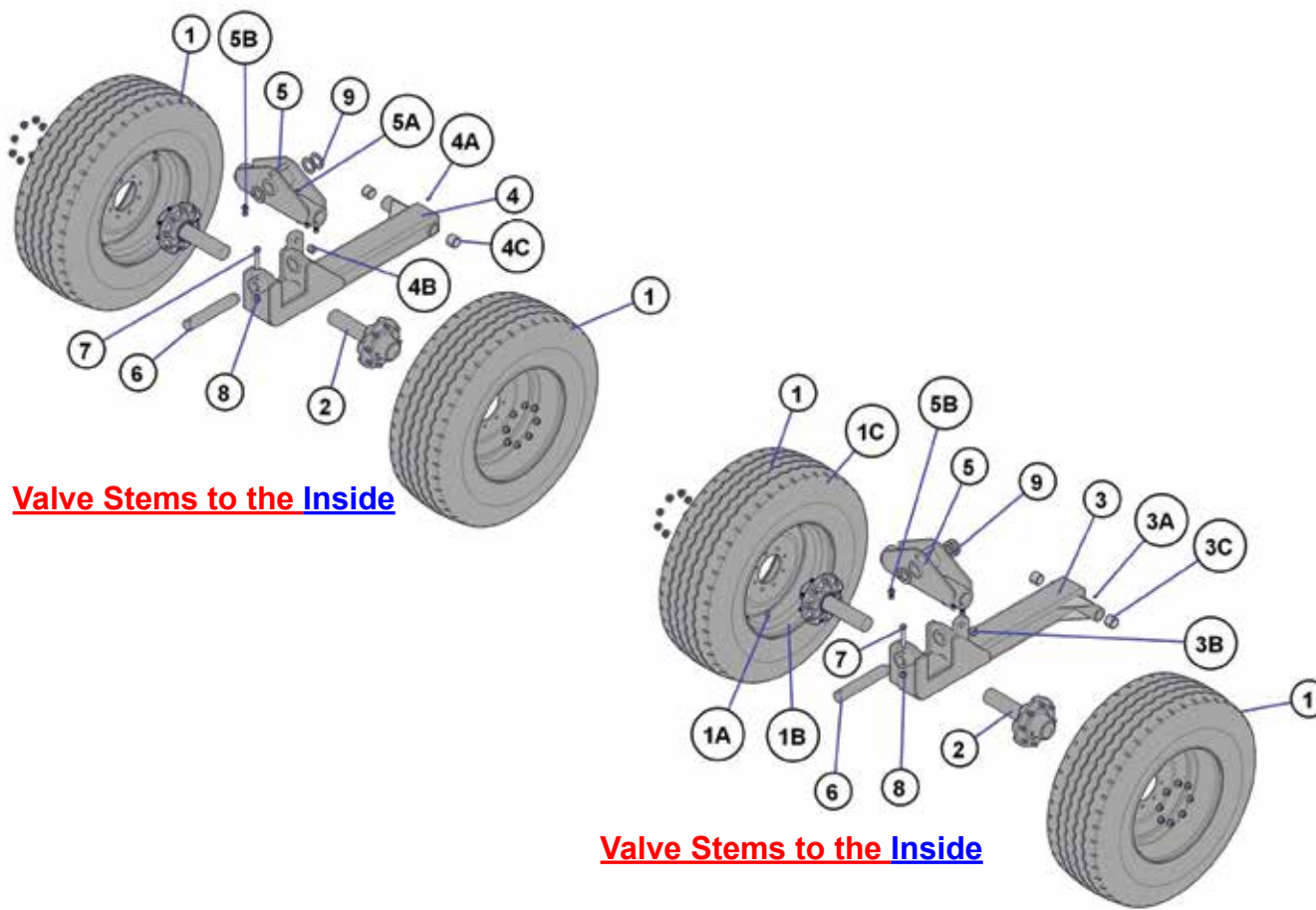
Bundle Number:

66000128 SECONDARY WING 3'-2" LEFT SIDE

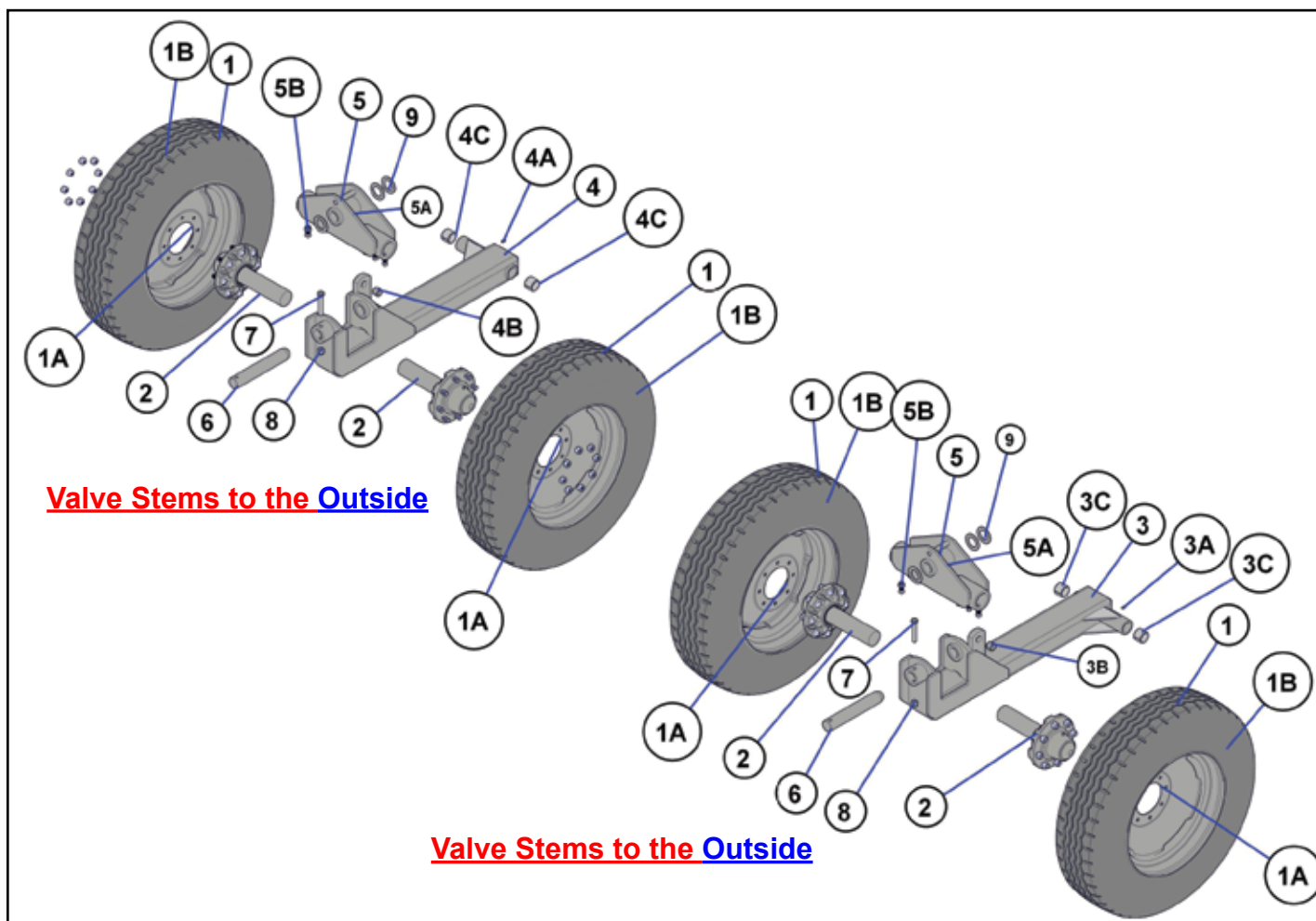


► BUNDLE: 66000128 LEGACY, SECONDARY WINGS, 3'-2" LEFT SIDE

BOM ID	Qty	Item No	Description
1	1	AM4565	SECONDARY WING REST
2	1	AM6189	LINKAGE, SECONDARY FOLD, AT6010
2A	1	BP3072	GREASE ZERK, 1/4"-28
3	1	AM6197	WING LINKAGE, 12-1/4", WITH 1-1/4" HOLE
3A	2	BP3072	GREASE ZERK, 1/4"-28
4	1	AM6225	WING, SECONDARY, 3'2", LEGACY
5	1	AP2215	DECAL, BLU-JET, 3" X 8"
6	2	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
7	1	BM3548	PIN, 1-1/4" X 4-3/4" USABLE, DOUBLE GROOVED, PLATED
8	3	BM3816	PIN, 1-1/4" X 9-13/16" OAL, WITH 13/32" HOLE, PLATED
9	1	BM3817	PIN, 1" X 6-7/8" OAL, WITH 13/32" HOLE, PLATED
10	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
11	4	BP3035	WASHER, LOCK, 3/4", PLATED
12	2	BP3072	GREASE ZERK, 1/4"-28
13	3	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRADE 5, PLATED
14	1	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
15	4	BP3139	HEX CAP SCREW, 3/4"-10 X 2", GRADE 5, PLATED
16	2	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14 GAUGE
17	4	CP2660	NUT, HEX LOCK, 3/8"-16, NYLOCK
18	1	DP4579	CYLINDER, HYD, 4-1/2" X 20", SIDE PORTED, B450200BCDDA07B
19	2	DP4581	ADAPTER, 6MJ-10MSAE, 90 DEGREE, 6801-6-10


► BUNDLE: 66000127 LEGACY DUAL WHEEL LIFT, 385/65R22.5 TIRES

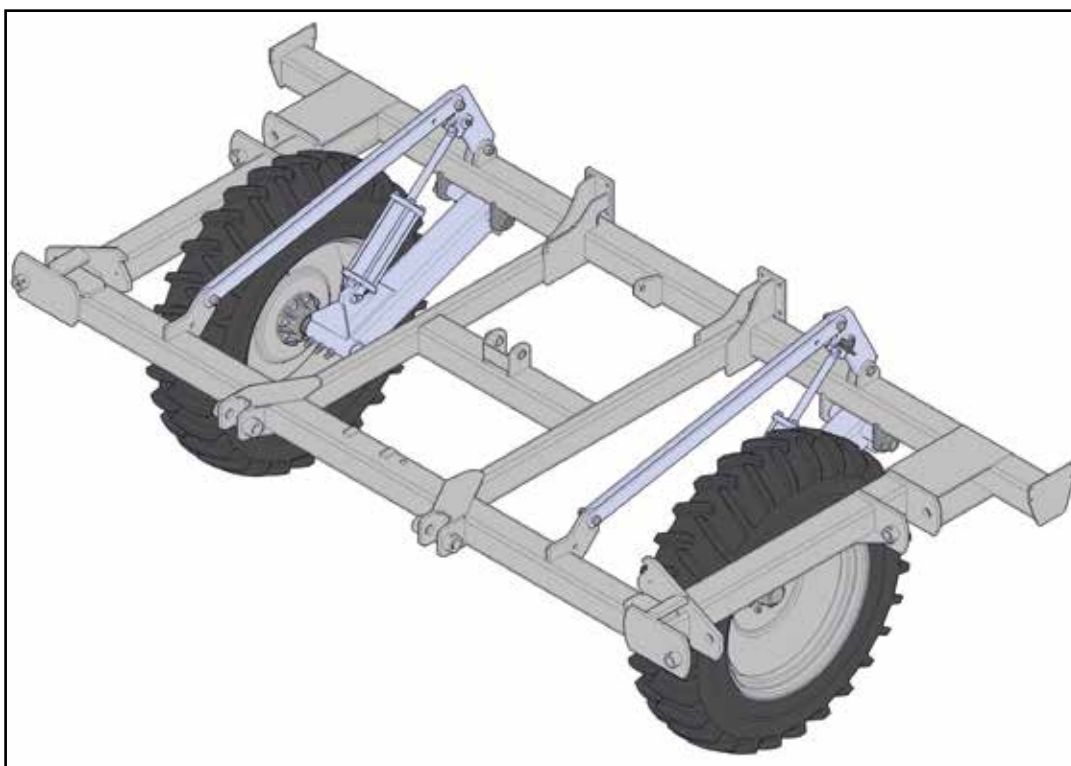
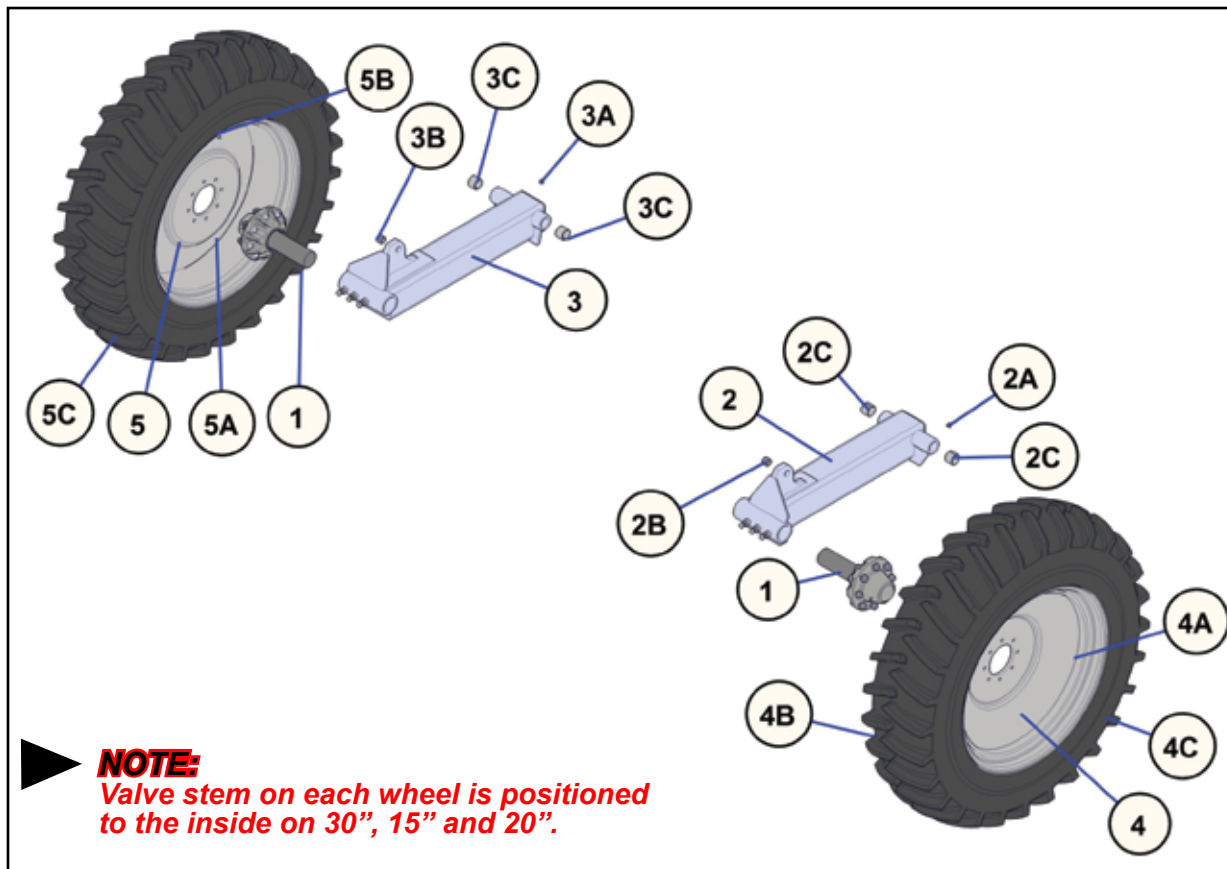
BOM ID	Qty	Item No	Description
1	4	AAM2924	WHEEL, 385/65 R22.5, 22.5 X 11.75 X 8, GRAY
1A	4	AP2790	VALVE STEM, METAL
1B	4	AP3215	RIM, 22.5 X 11.75 X 8, GRAY, 1-1/8" OFFSET
1C	4	AP2888	TIRE, 385/65 R22.5, RECAP IMPLEMENT TREAD
2	4	AAM2800-1	ASSEMBLY, HUB & SPINDLE, 608 HUB, 2-3/4 X 16 SPINDLE, WITH FLANGE LOCK NUT
3	1	AM6173	WHEEL LEG, LEFT-HAND, AT6010, DUALS WITH PIVOT
3A	1	BP3072	GREASE ZERK, 1/4"-28
3B	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
3C	2	BP3538	TENSION BUSHING, 2" X 1-3/4" X 1-1/2" OAL
4	1	AM6174	WHEEL LEG, RIGHT-HAND, AT6010, DUALS WITH PIVOT
4A	1	BP3072	GREASE ZERK, 1/4"-28
4B	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
4C	2	BP3538	TENSION BUSHING, 2" X 1-3/4" X 1-1/2" OAL
5	2	AM6198	DUALS, ROCKER, WITH SPINDLE LOOPS FOR 2-3/4" SPINDLE
5A	2	BP3072	GREASE ZERK, 1/4"-28
5B	12	EM3301	ASSEMBLY, SET SCREW & JAM NUT, 5/8"-11
6	2	BM3640	PIN, 2" X 12-5/8" OAL
7	2	BP3136	HEX CAP SCREW, 5/8"-11 X 4, GRADE 5, PLATED
8	2	BP3375	NUT, HEX LOCK, 5/8"-11, NYLOCK
9	6	BP3599	MACHINERY BUSHING, 3" OD X 2" ID X 10 GAUGE



► **BUNDLE: 66000124 LEGACY DUAL WHEEL LIFT, 295/75R22.5 TIRES**

BOM ID	Qty	Item No	Description
1	4	AAM2923	WHEEL, 295/75R22.5, 22.5 X 8.25 X 8, GRAY, RECAP
1A	4	AP3216	RIM, 22.5 X 8.25 X 8, -1-1/2" OFFSET, GRAY
1B	4	AP2895	TIRE, 295/75R22.5, RIBBED IMPLEMENT, RECAP
2	4	AAM2800	ASSEMBLY, HUB & SPINDLE, 608 HUB, 2-3/4 X 16 SPINDLE
3	1	AM6173	WHEEL LEG, LEFT-HAND, AT6010, DUALS WITH PIVOT
3A	1	BP3072	GREASE ZERK, 1/4"-28
3B	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
3C	2	BP3538	TENSION BUSHING, 2" X 1-3/4" X 1-1/2" OAL
4	1	AM6174	WHEEL LEG, RIGHT-HAND, AT6010, DUALS WITH PIVOT
4A	1	BP3072	GREASE ZERK, 1/4"-28
4B	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
4C	2	BP3538	TENSION BUSHING, 2" X 1-3/4" X 1-1/2" OAL
5	2	AM6198	DUALS, ROCKER, WITH SPINDLE LOOPS FOR 2-3/4" SPINDLE
5A	2	BP3072	GREASE ZERK, 1/4"-28
5B	12	EM3301	ASSEMBLY, SET SCREW & JAM NUT, 5/8"-11
6	2	BM3640	PIN, 2" X 12-5/8" OAL
7	2	BP3136	HEX CAP SCREW, 5/8"-11 X 4, GRADE 5, PLATED
8	2	BP3375	NUT, HEX LOCK, 5/8"-11, NYLOCK
9	6	BP3599	MACHINERY BUSHING, 3 OD X 2 ID X 10 GAUGE

Bundle Number:
66000104 (LEGACY SINGLE WHEEL)

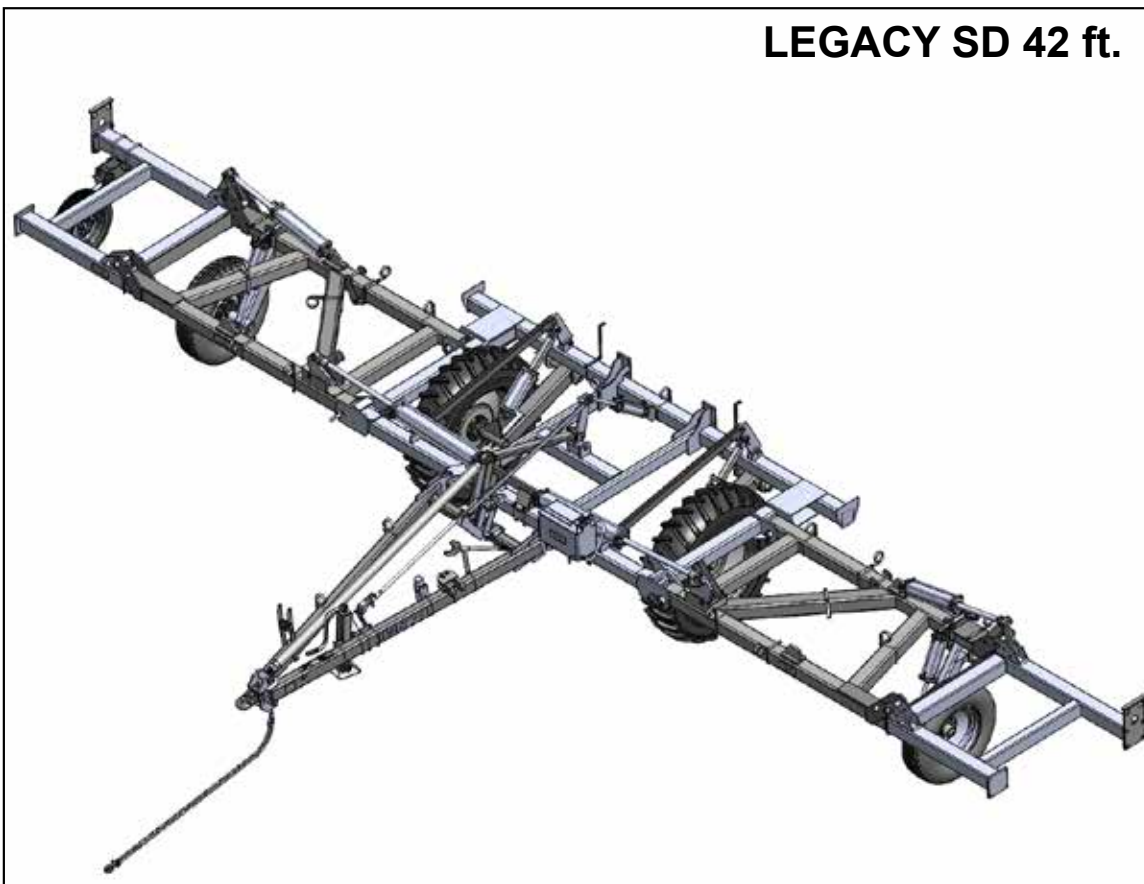


Single Wheel Lift Parts Bundle 66000104

► **PART** OF 66000104 (LEGACY SINGLE WHEEL LIFT)

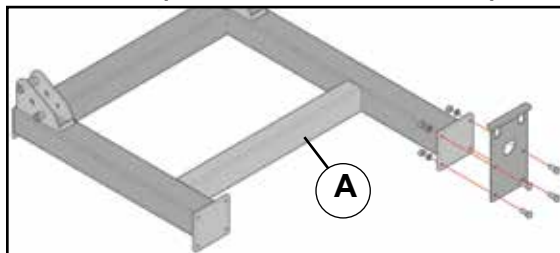
BOM ID	Qty	Item No	Description
1	2	AAM2788-1	ASSEMBLY, HUB AND SPINDLE, 758 HUB, 3 X 16 WITH LOCK
2	1	AM6226	WHEEL LEG, SINGLE WHEEL, LEFT-HAND
2A	1	BP3213	GREASE ZERK
2B	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
2C	2	BP3538	TENSION BUSHING, 2" X 1-3/4" X 1-1/2" OAL
3	1	AM6227	WHEEL LEG, SINGLE WHEEL, RIGHT-HAND
3A	1	BP3213	GREASE ZERK
3B	1	BP3516	TENSION BUSHING, 1-1/4" X 1" X 1" OAL
3C	2	BP3538	TENSION BUSHING, 2" X 1-3/4" X 1-1/2" OAL
4	1	AAM2925	WHEEL, 385/85R34 MPT, 141G, 34 X 13 X 8, LEFT-HAND ASSEMBLY
4A	1	AP3217	RIM, 34 X 13 X 8, GRAY
4B	1	AP2790	VALVE STEM, METAL
4C	1	AP3134	TIRE, 385/85R34 MPT 141G, TRACTION GRIP
5	1	AAM2926	WHEEL, 385/85R34 MPT, 141G, 34 X 13 X 8, RIGHT-HAND ASSEMBLY
5A	1	AP3217	RIM, 34 X 13 X 8, WHITE
5B	1	AP2790	VALVE STEM, METAL
5C	1	AP3134	TIRE, 385/85R34 MPT 141G, TRACTION GRIP

LEGACY SD 42 ft.

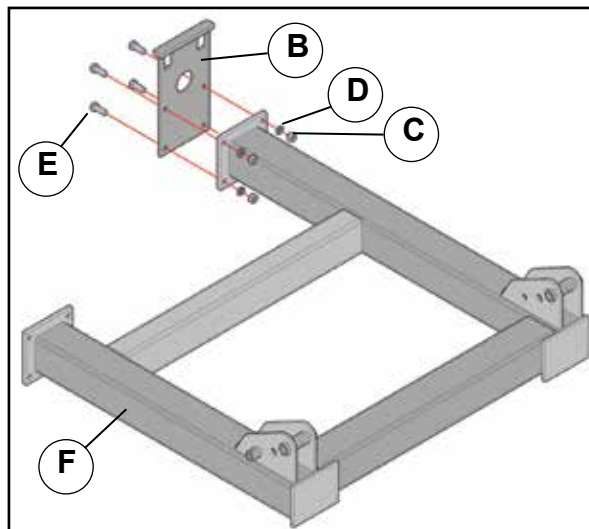


Secondary Wing Stop and Straight Extension

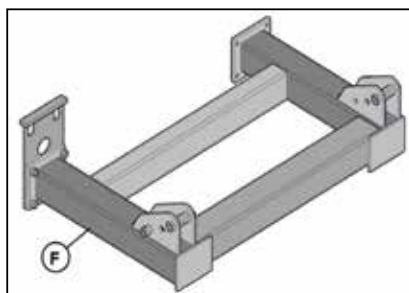
Part of Bundle Number:
66000106 (SECONDARY WINGS)



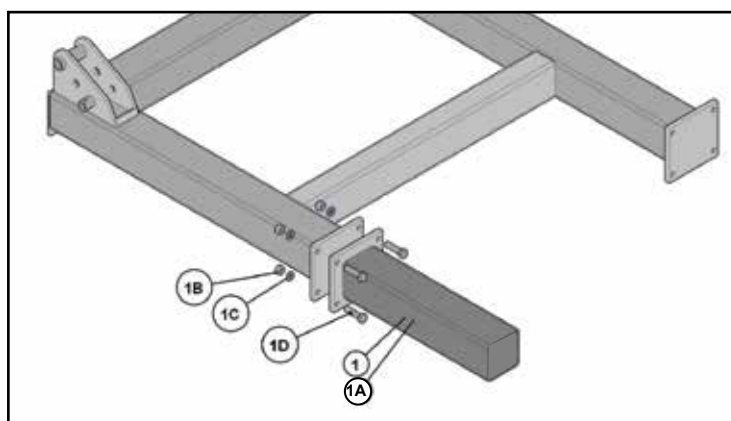
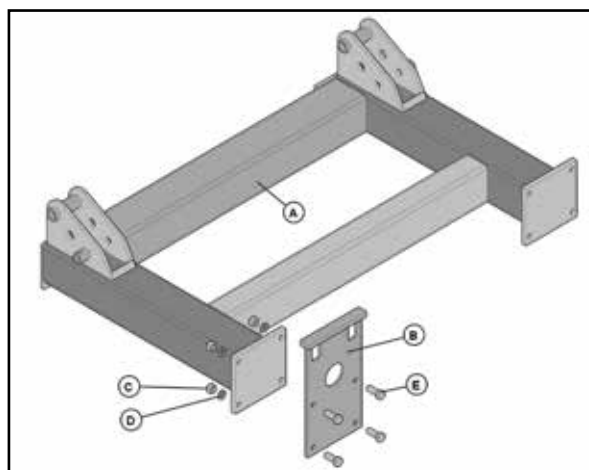
BOM ID	Qty	Item No	Description
A	1	AM4551	WING, SECONDARY, 5'8", LEFT-HAND, LEGACY
B	1	AM4565	SECONDARY WING REST
C	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
D	4	BP3035	WASHER, LOCK, 3/4", PLATED
E	4	BP3139	HEX CAP SCREW, 3/4"-10 X 2", GRADE 5, PLATED
F	1	AM4552	WING, SECONDARY, 5'8", RIGHT-HAND, LEGACY



Part of Bundle Number:
66000128 (SECONDARY WINGS)

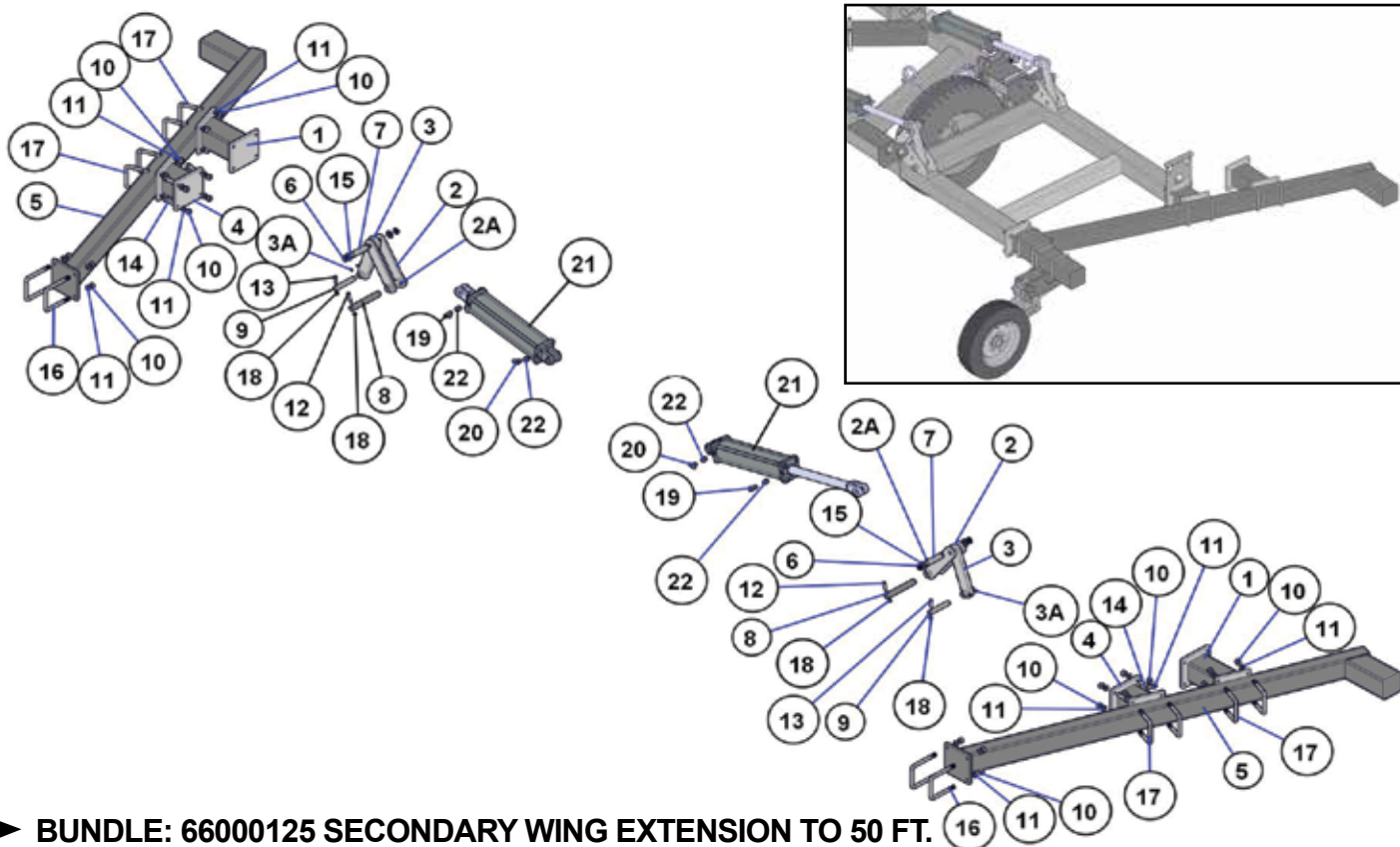


BOM ID	Qty	Item No	Description
A	1	AM6225	WING, SECONDARY, 3'2", LEGACY
B	1	AM4565	SECONDARY WING REST
C	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATE
D	4	BP3035	WASHER, LOCK, 3/4", PLATED
E	4	BP3139	HEX CAP SCREW, 3/4"-10 X 2", GRADE 5, PLATED
F	1	AM6225	WING, SECONDARY, 3'2", LEGACY



► 55000106 KIT EXTENSION, 28" STRAIGHT, 19 ROW 30"

BOM ID	Qty	Item No	Description
1	1	55000106 single	KIT, EXTENSION, AT6010 28" STRAIGHT, 19 ROW 30"
1A	1	AM4544	BRACKET, EXTENSION, 28", 6" MOUNTING
1B	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
1C	4	BP3035	WASHER, LOCK, 3/4", PLATED
1D	4	BP3141	HEX CAP SCREW, 3/4"-10 X 3", GRADE 5, PLATED



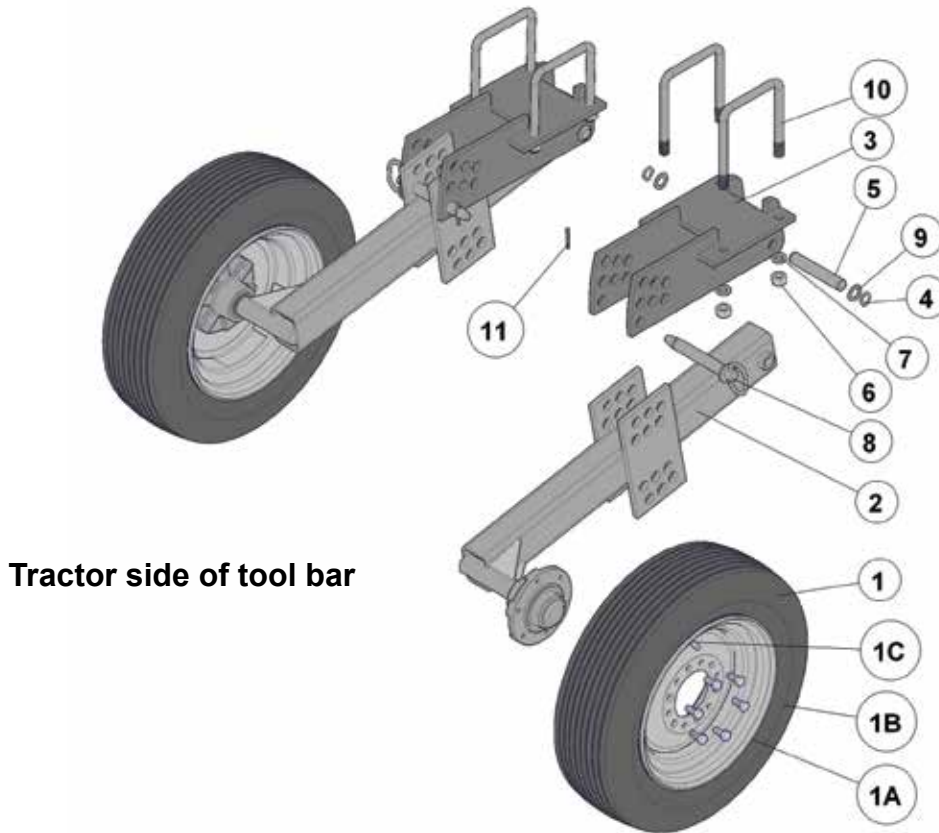
► **BUNDLE: 66000125 SECONDARY WING EXTENSION TO 50 FT.**

BOM ID	Qty	Item No	Description
1	2	AM4547	BRACKET, SPACER, 13-1/2" OAL
2	2	AM6189	LINKAGE, SECONDARY FOLD, AT6010
2A	2	BP3072	GREASE ZERK, 1/4"-28
3	2	AM6197	WING LINKAGE, 12-1/4", W/ 1-1/4" HOLE
3A	4	BP3072	GREASE ZERK, 1/4"-28
4	2	AM6203	BRACKET, SPACER, 8" OAL
5	2	AM6204	BRACKET, ANGLED STAGGER
6	4	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
7	2	BM3548	PIN, 1-1/4 X 4-3/4 USABLE, DOUBLE GROOVED, PLATED
8	2	BM3816	PIN, 1-1/4" X 9-13/16" OAL, WITH 13/32" HOLE, PLATED
9	2	BM3817	PIN, 1" X 6-7/8" OAL, WITH 13/32" HOLE, PLATED
10	32	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
11	32	BP3035	WASHER, LOCK, 3/4", PLATED
12	2	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRADE 5, PLATED
13	2	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
14	8	BP3141	HEX CAP SCREW, 3/4"-10 X 3", GRADE 5, PLATED
15	4	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14 GAUGE
16	4	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
17	8	BP3352	U-BOLT, 3/4"-10 X 6"W X 5-11/16"L, PLATED
18	4	CP2660	NUT, HEX LOCK, 3/8"-16, NYLOCK
19	2	DP4379	TEE, RUN, 6FJX-6MJ-6MJ, STL, 6602-6
20	2	DP4550	TEE, BRANCH, 6FJX-6MJ-6MJ, 6600-6
21	2	DP4579	CYLINDER, HYDRAULIC, 4-1/2" X 20", SIDE PORTED, B450200BCDDA07B
22	4	DP4580	ADAPTER, 6MJ-10MSAE, 6400-6-10

Gauge Wheel With Pin Adjust & 25 x 7.50 x 15 Tire & Rim

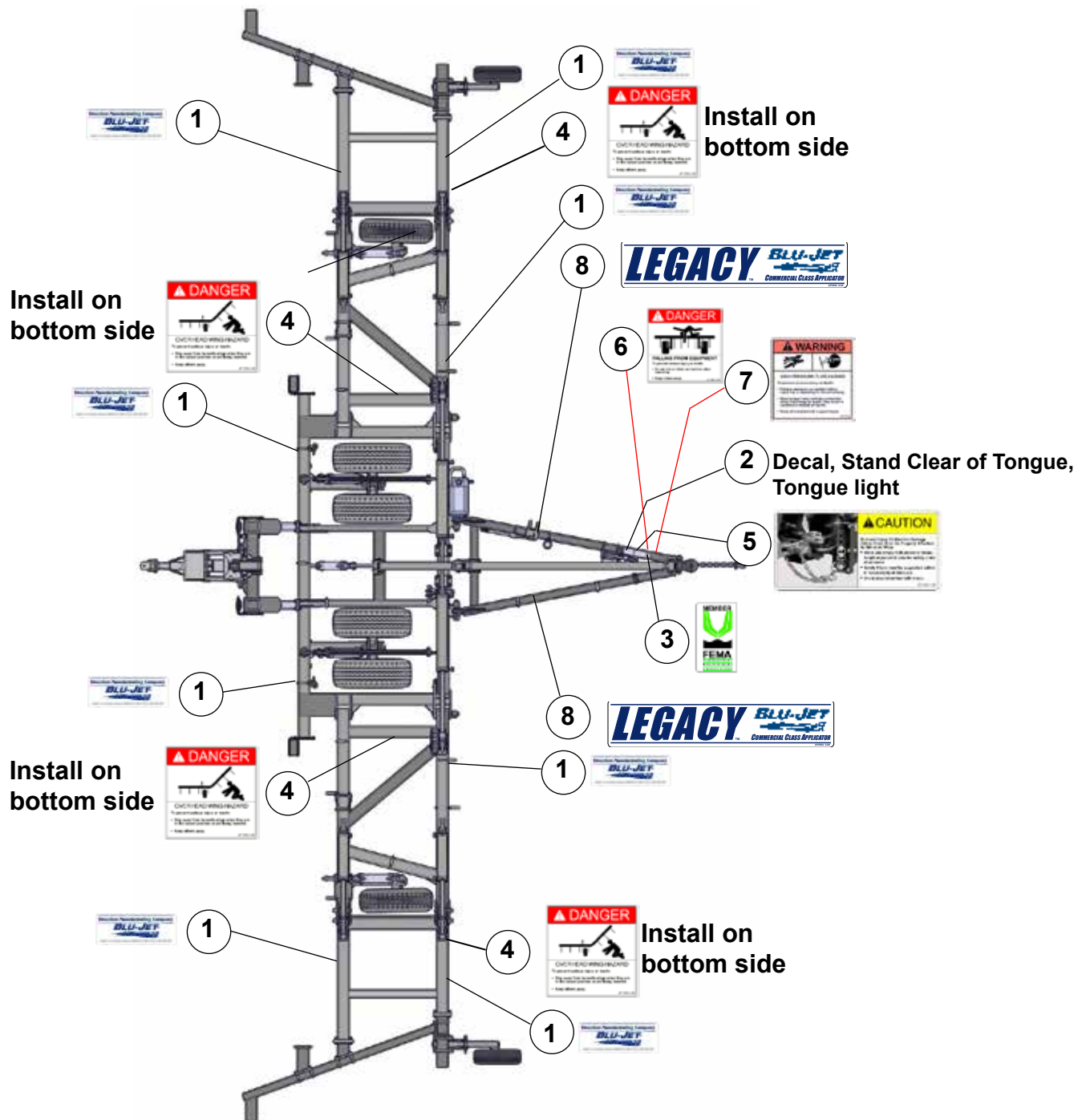
Part of Bundle Number: 66000106

BUNDLE NUMBER 55000100 (PIN ADJUST GAUGE WHEEL)



► 55000100 GAUGE WHEEL, PIN ADJUST 6" X 6" MOUNTING, 25-750-6-6 1 PAIR

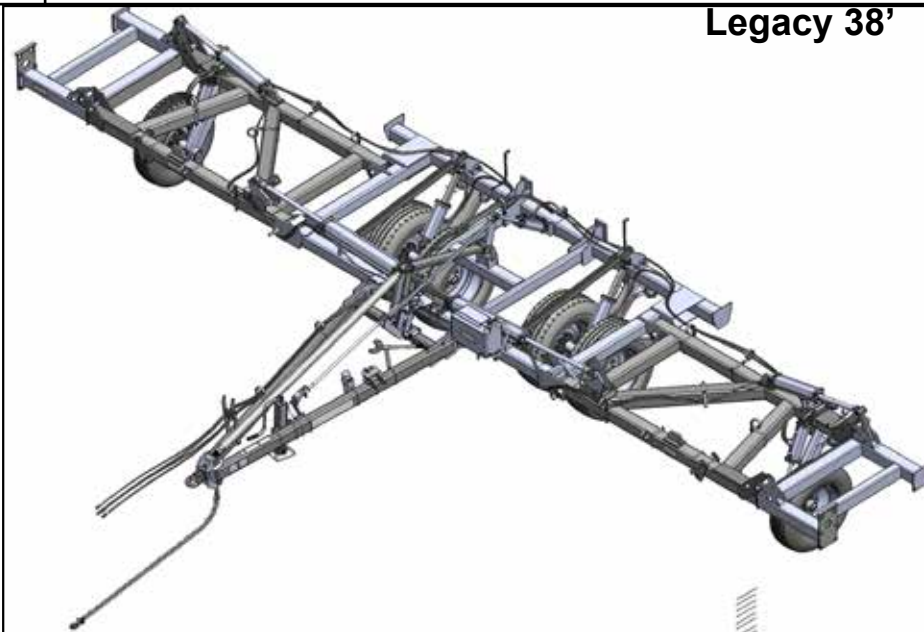
BOM ID	Qty	Item No	Description
1	2	AAM2768	WHEEL, 25 X 7.50-15, 4 PLY, 15 X 6 X 6, WHITE
1A	1	AP2001	RIM, 15 X 6 X 6, WHITE
1B	1	AP2017	TIRE, 25 X 7.50- 5,4 PLY, TERRA RIB
1C	1	AP2790	VALVE STEM, METAL
2	2	AM24024	ASSEMBLY, GAUGE WHEEL LEG, PIN ADJUST
3	2	AM24025	BRACKET, PIN ADJUST GAUGE WHEEL MOUNTING
4	4	AP2407	SNAP RING, 1" EXTERNAL, HEAVY DUTY
5	2	BM3650	PIN, 1" X 5-9/16" USABLE
6	8	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
7	8	BP3035	WASHER, LOCK, 3/4", PLATED
8	2	BP3051	PIN, 1" X 6", HITCH, PLATED
9	4	BP3215	MACHINERY BUSHING, 1-1/2" OD X 1" ID, 14 GAUGE, PLATED
10	4	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
11	2	BP3511	PIN, COTTER, 3/16" X 1-3/4"



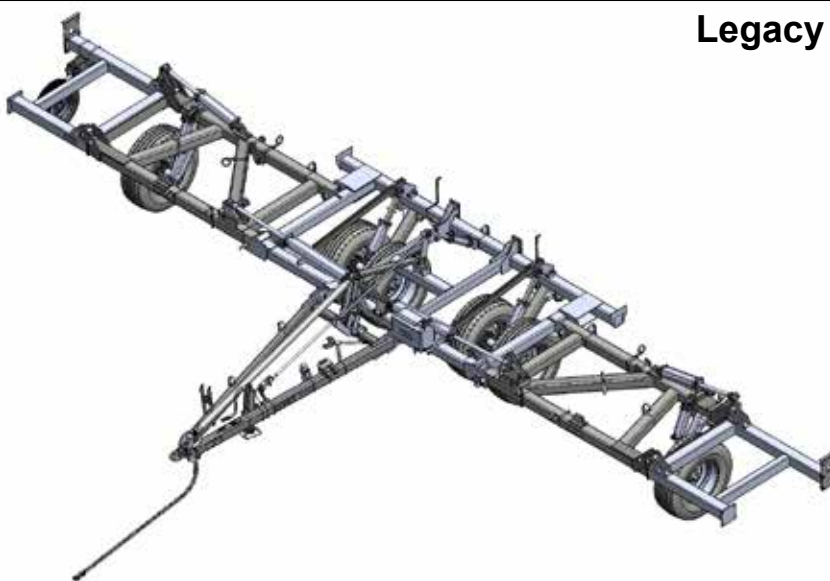
1.	8	AP 2215	Decal, BLU-JET, 3" x 8"
2.	1	AP 2222	Decal, Stand Clear of Tongue, Tongue light
3.	1	AP 2231	Decal, FEMA, 2-1/2" x 1-1/2"
4.	4	AP 2234	Decal, Danger stand clear falling wing
5.	1	AP 2469	Decal, Safety Chain
6.	1	AP 2483	Decal, Danger, falling from equipment
7.	1	AP 2914	Decal, Warning, high pressure fluid
8.	2	AP 2554	Decal, LEGACY 4.75" x 20.75"

Legacy 38' and 42', Toolbars,

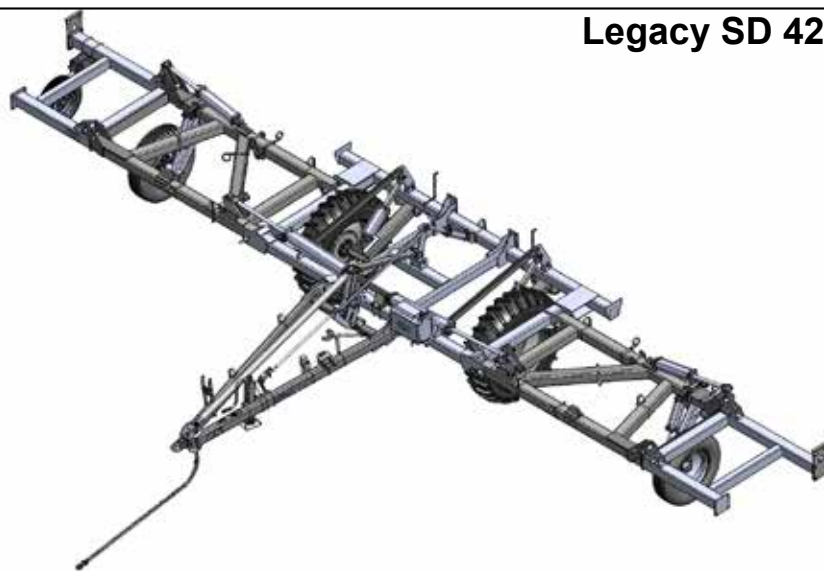
Legacy 38'



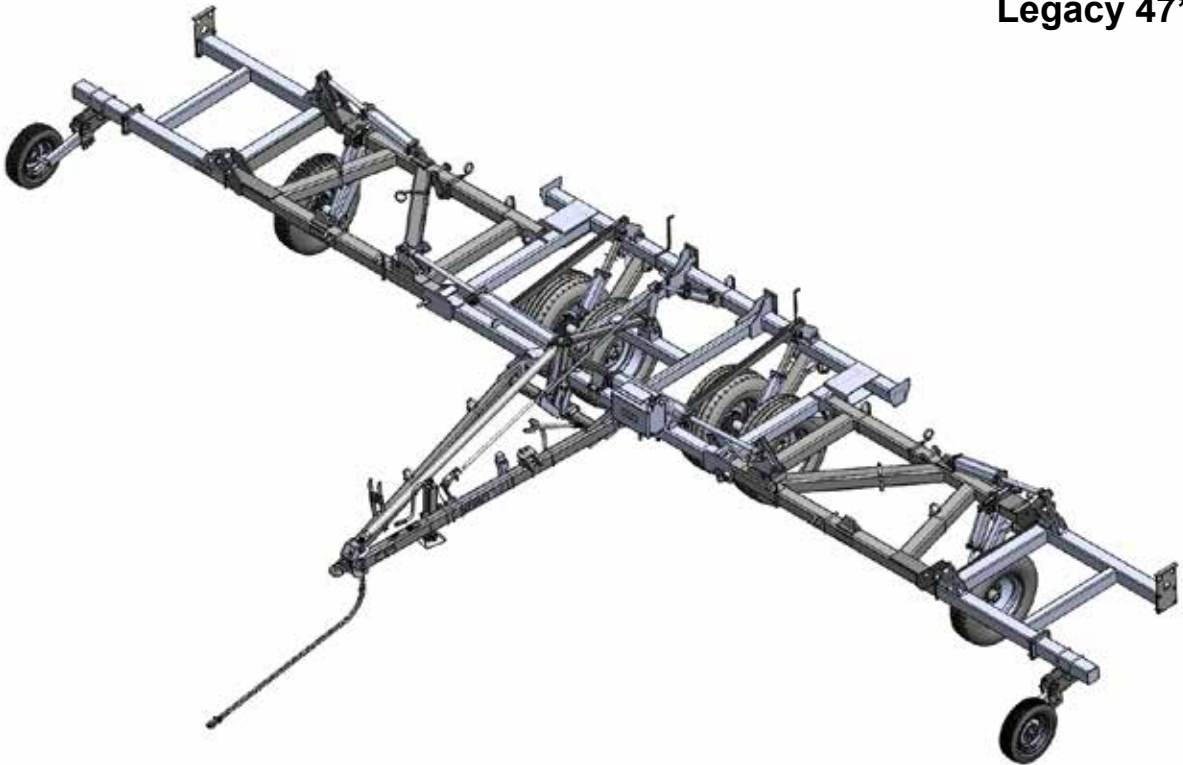
Legacy 42'



Legacy SD 42'

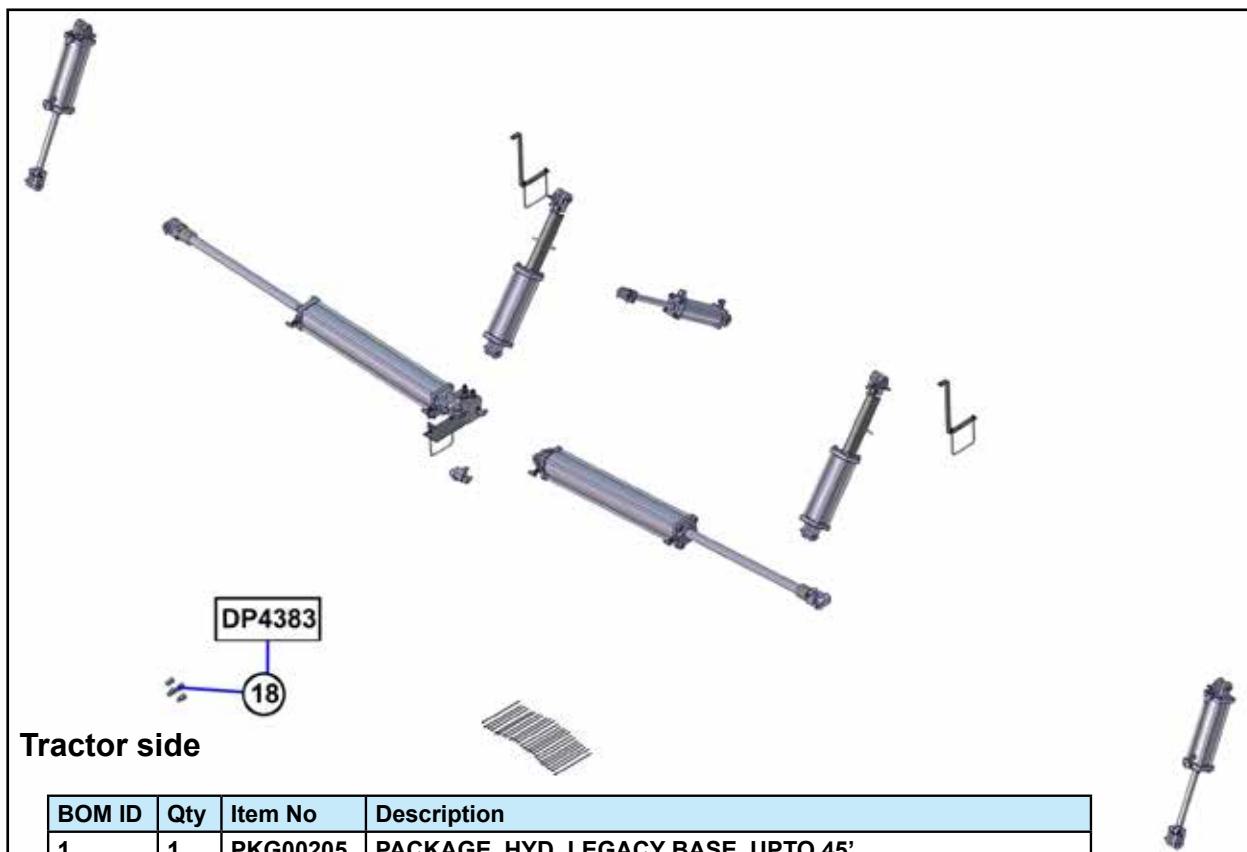


Legacy 47'

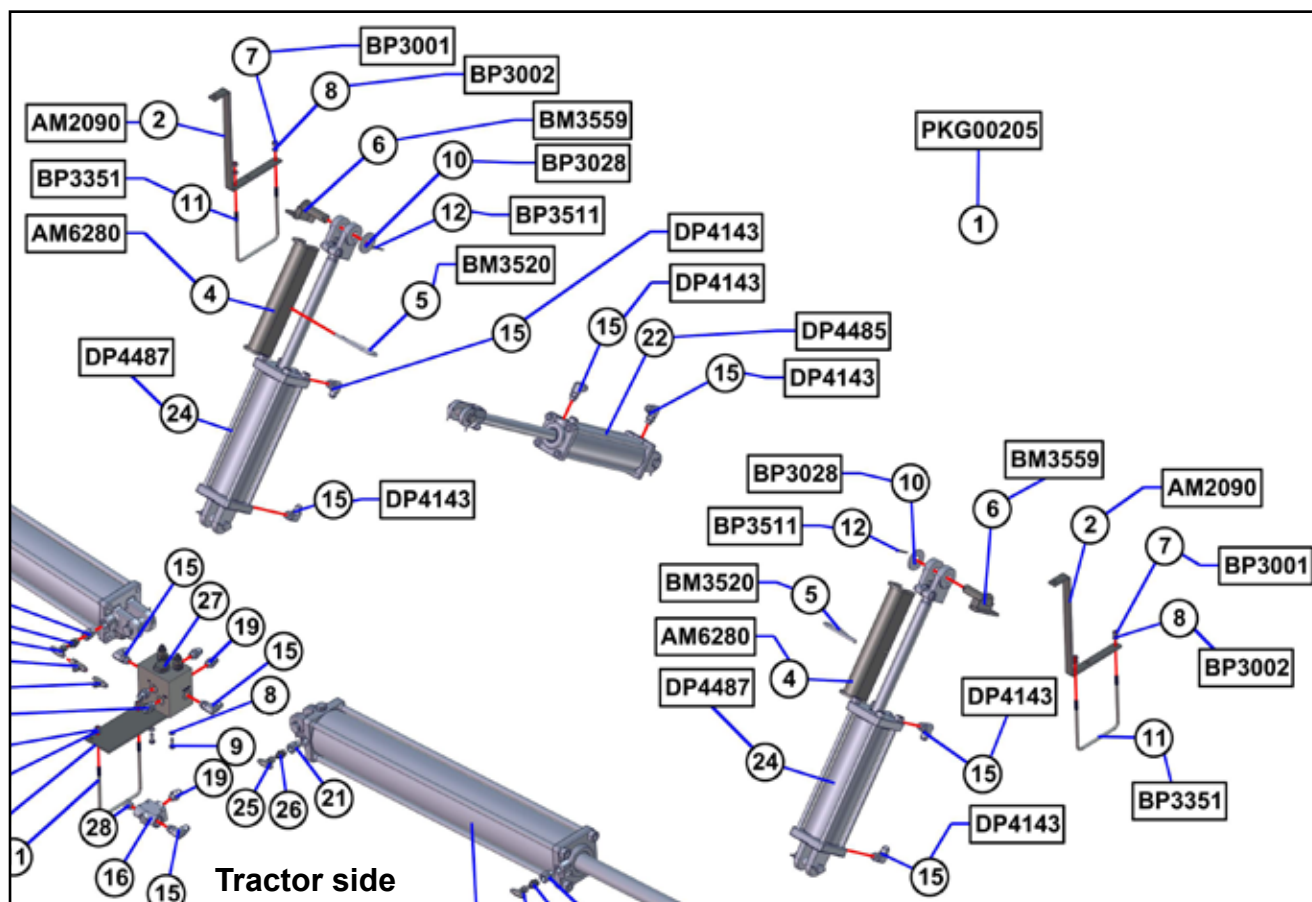
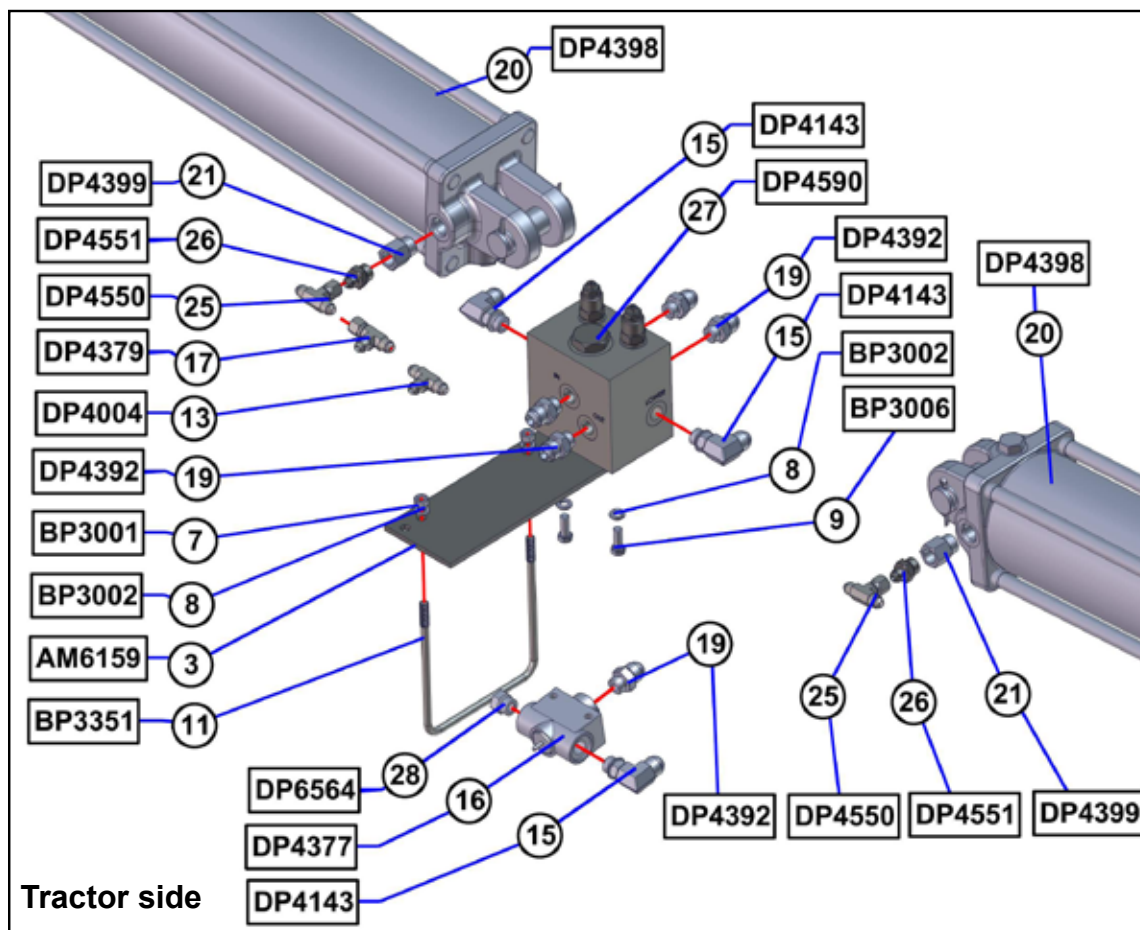


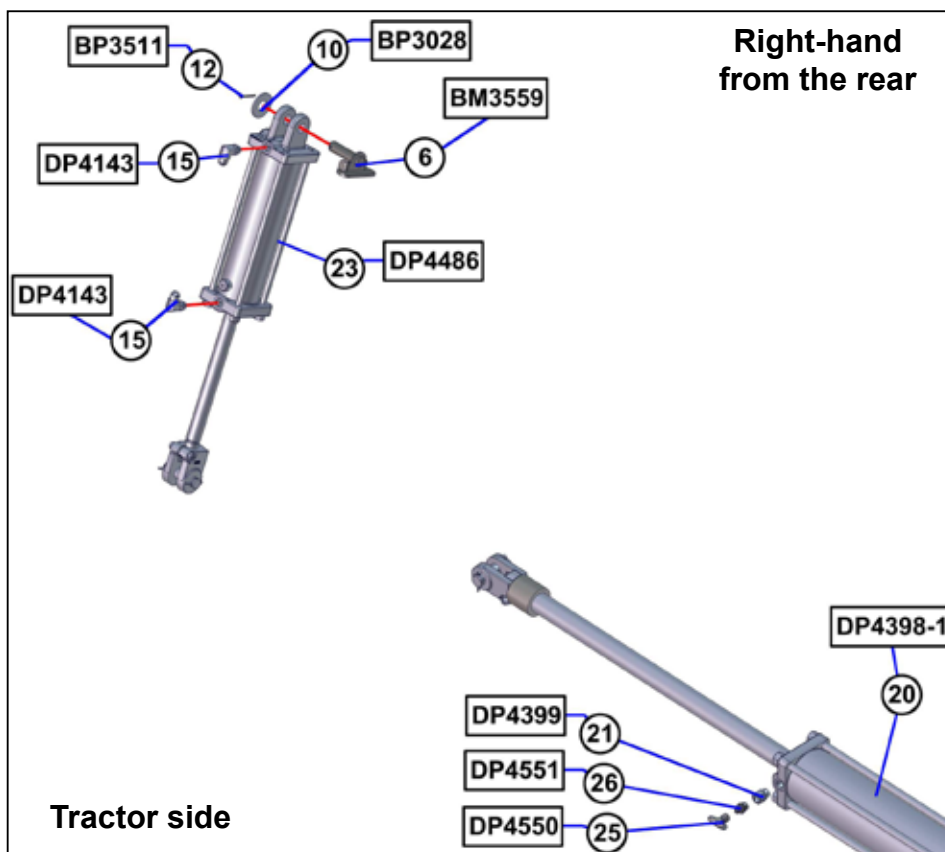
Legacy 52'

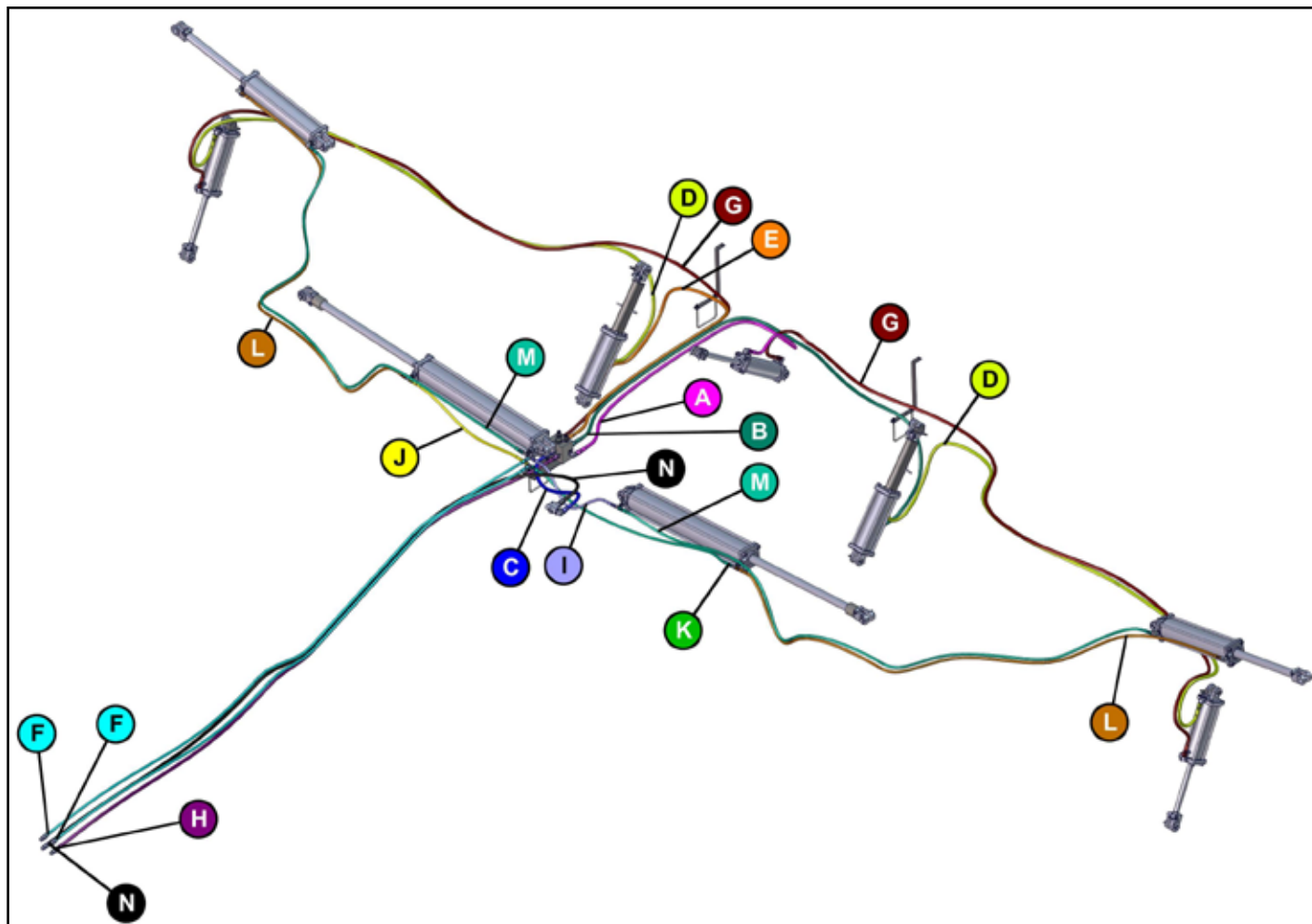




BOM ID	Qty	Item No	Description
1	1	PKG00205	PACKAGE, HYD, LEGACY BASE, UPTO 45'
2	2	AM2090	BRACKET, DEPTH COLLAR & LOCKUP STORAGE
3	1	AM6159	BRACKET, MOUNTING, FLOW DIVIDER VALVE
4	2	AM6280	TRANSPORT CYLINDER LOCK, 1-3/4" & 2" CYL ROD, 12"
5	2	BM3520	CLIP PIN, TRANSPORT LOCK
6	4	BM3559	PIN, CLEVIS, 1 X 3 USEABLE, W/ ANTI-ROTATION
7	6	BP3001	NUT, HEX, 3/8"-16, GRD 2, PLTD
8	8	BP3002	WASHER, LOCK, 3/8", PLTD
9	2	BP3006	HEX CAP SCREW, 3/8"-16 X 1", GRD 5, PLTD
10	4	BP3028	WASHER, FLAT, 1", PLTD, STD
11	3	BP3351	U-BOLT, 3/8"-16 X 6W X 7L, PLTD
12	4	BP3511	PIN, COTTER, 3/16 X 1-3/4
13	1	DP4004	TEE, 6MJ-6MJ-6MJ
14	24	DP4086	CABLE TIE 11-3/8" STD
15	13	DP4143	ADAPTER, 10MJIC-8MSAE, 90*
16	1	DP4377	VALVE, REMOTE STROKE CONTROL, PM-SC-10
17	1	DP4379	TEE, RUN, 6FJX-6MJ-6MJ, STL, 6602-6
18	4	DP4383	COUPLER, PIONEER, 8MQBA-8FSAE
19	5	DP4392	ADAPTER, 8MSAE-10MJIC, STRAIGHT, 6400-10-8
20	2	DP4398-1	5" X 36" HYD CYLINDER, W/ 2-3/4" SPACER
21	4	DP4399	REDUCER, 10MSAE-8FSAE, 6410-10-8
22	1	DP4485	REPHASING CYLINDER, 3-3/4 X 12, PMS-AM-2558
23	2	DP4486	REPHASING CYLINDER, 4 X 12, PMS-AM-2552A
24	2	DP4487	REPHASING CYLINDER, 4-1/2 X 12 PMS-AM-2546
25	4	DP4550	TEE, BRANCH, 6FJX-6MJ-6MJ, 6600-6
26	4	DP4551	ADAPTER, 6MJ-8MSAE, W/ RESTRICTOR, 6400R-6-8-093
27	1	DP4590	FLOW DIVIDER WITH HOLDING VALVES
28	1	DP6564	PLUG, 8MSAE, HEX, 6408-8

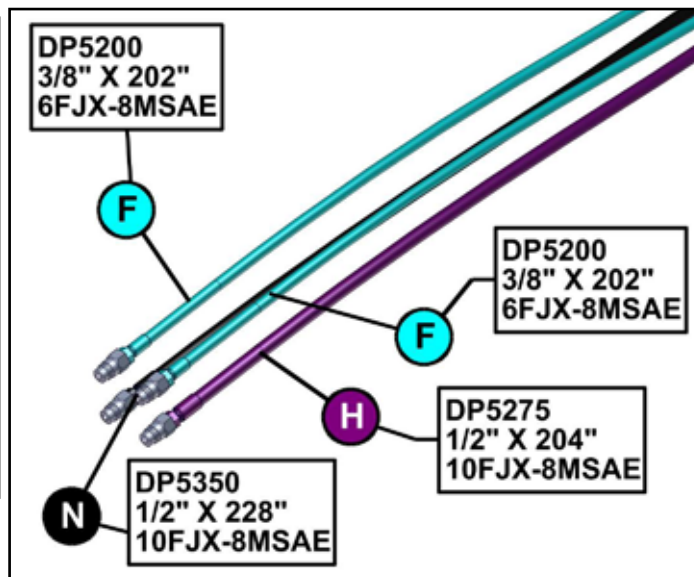
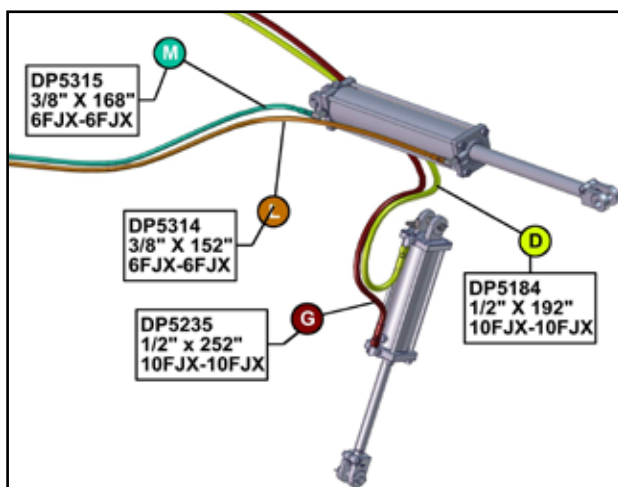
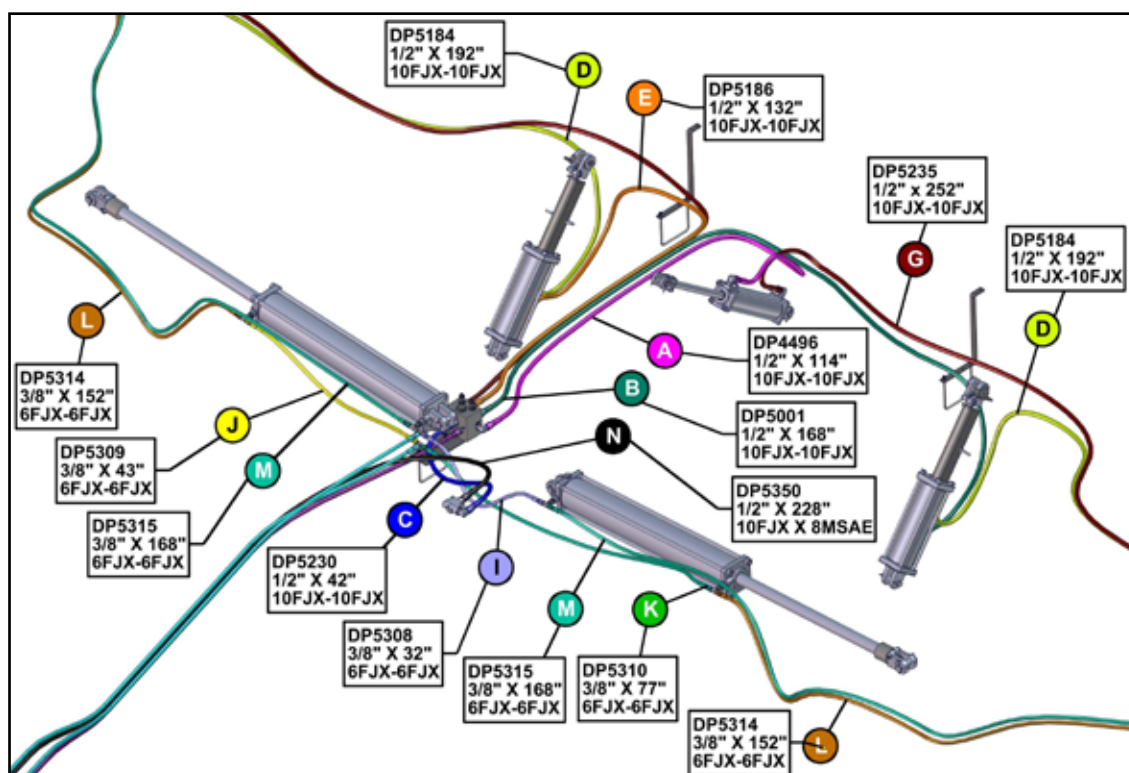
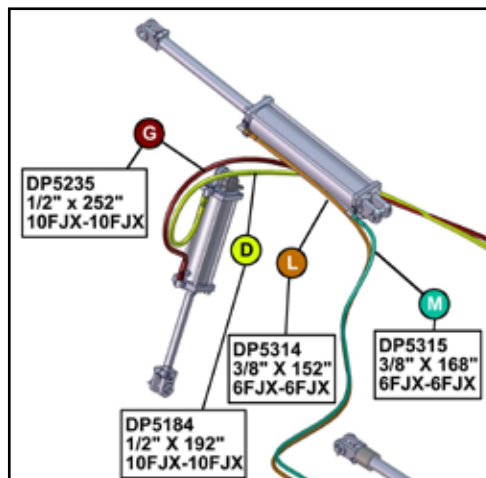




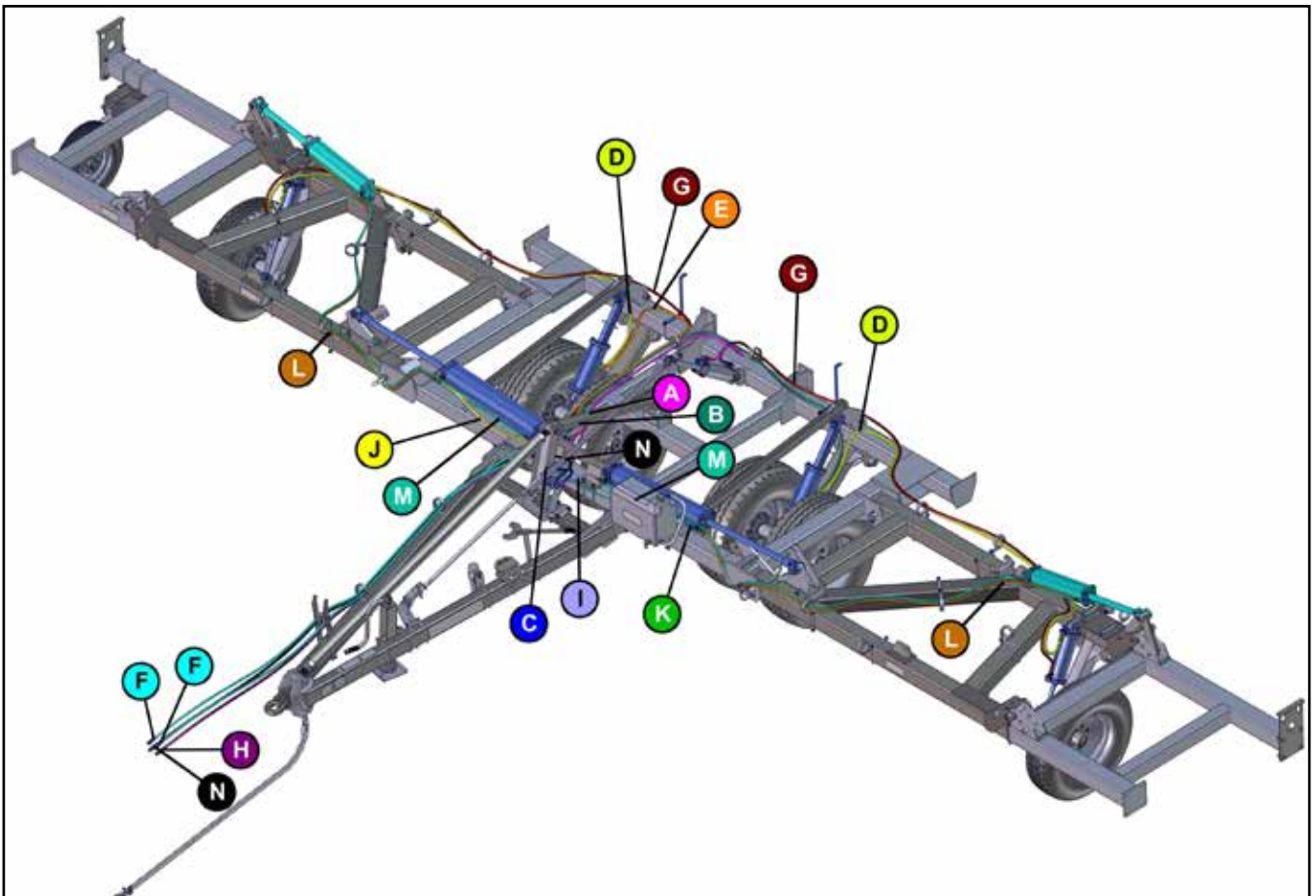
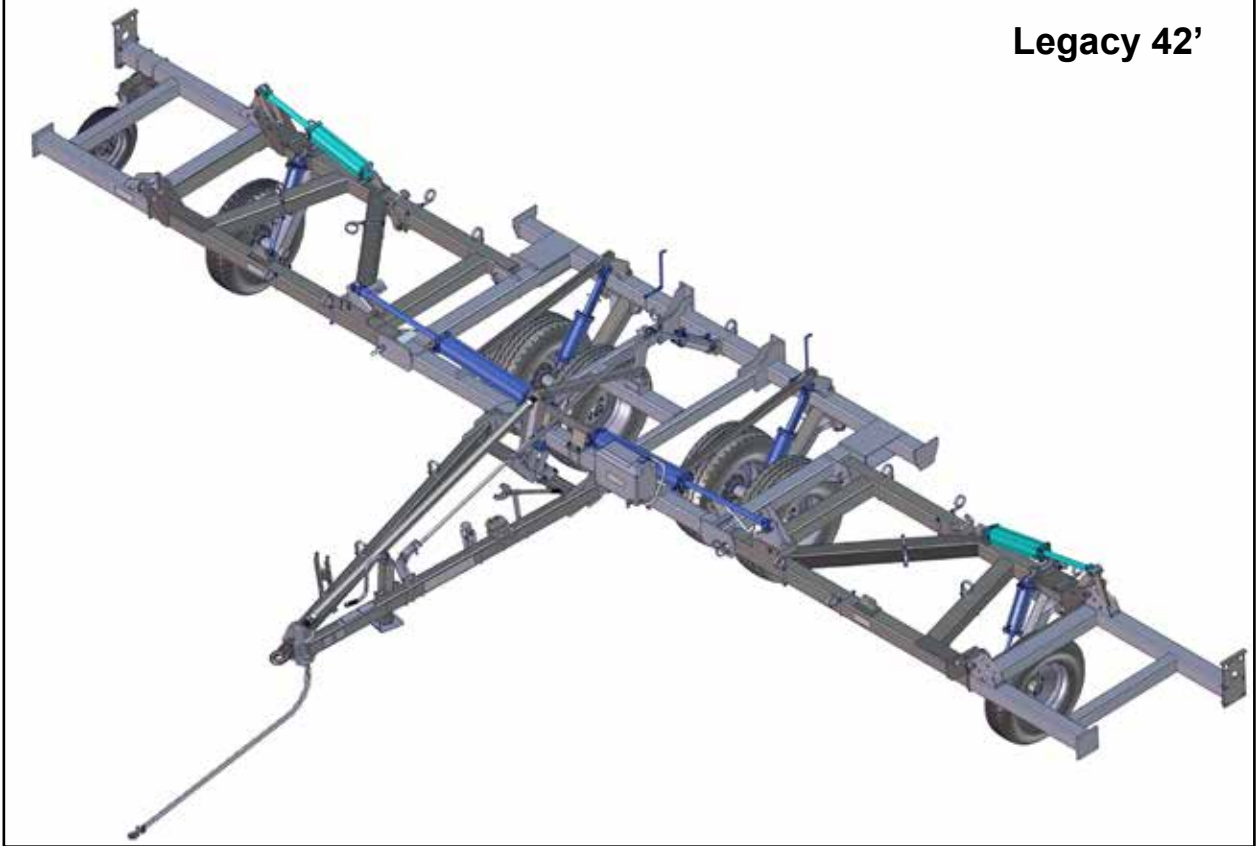


BOM ID	Qty	Item No	Description
A	1	DP4496	HOSE, HYD, 1/2 X 114, 10FJX-10FJX
B	1	DP5001	HOSE, HYD, 1/2 X 168, 10FJX-10FJX
C	1	DP5230	HOSE, HYD, 1/2 X 42, 10FJX-10FJX
D	2	DP5184	HOSE, HYD, 1/2 X 192, 10FJX-10FJX
E	1	DP5186	HOSE, HYD, 1/2 X 132, 10FJX-10FJX
F	2	DP5200	HOSE, HYD, 3/8 X 202, 6FJX-8MSAE
G	2	DP5235	HOSE, HYD, 1/2 X 252, 10FJX-10FJX
H	1	DP5275	HOSE, HYD, 1/2 X 204, 10FJX-8MSAE
I	1	DP5308	HOSE, HYD, 3/8 X 32, 6FJX-6FJX
J	1	DP5309	HOSE, HYD, 3/8 X 43, 6FJX-6FJX
K	1	DP5310	HOSE, HYD, 3/8 X 77, 6FJX-6FJX
L	2	DP5314	HOSE, HYD, 3/8 X 152, 6FJX-6FJX
M	2	DP5315	HOSE, HYD, 3/8 X 168, 6FJX-6FJX
N	1	DP5350	HOSE, HYD, 1/2 X 228, 10FJX-8MSAE

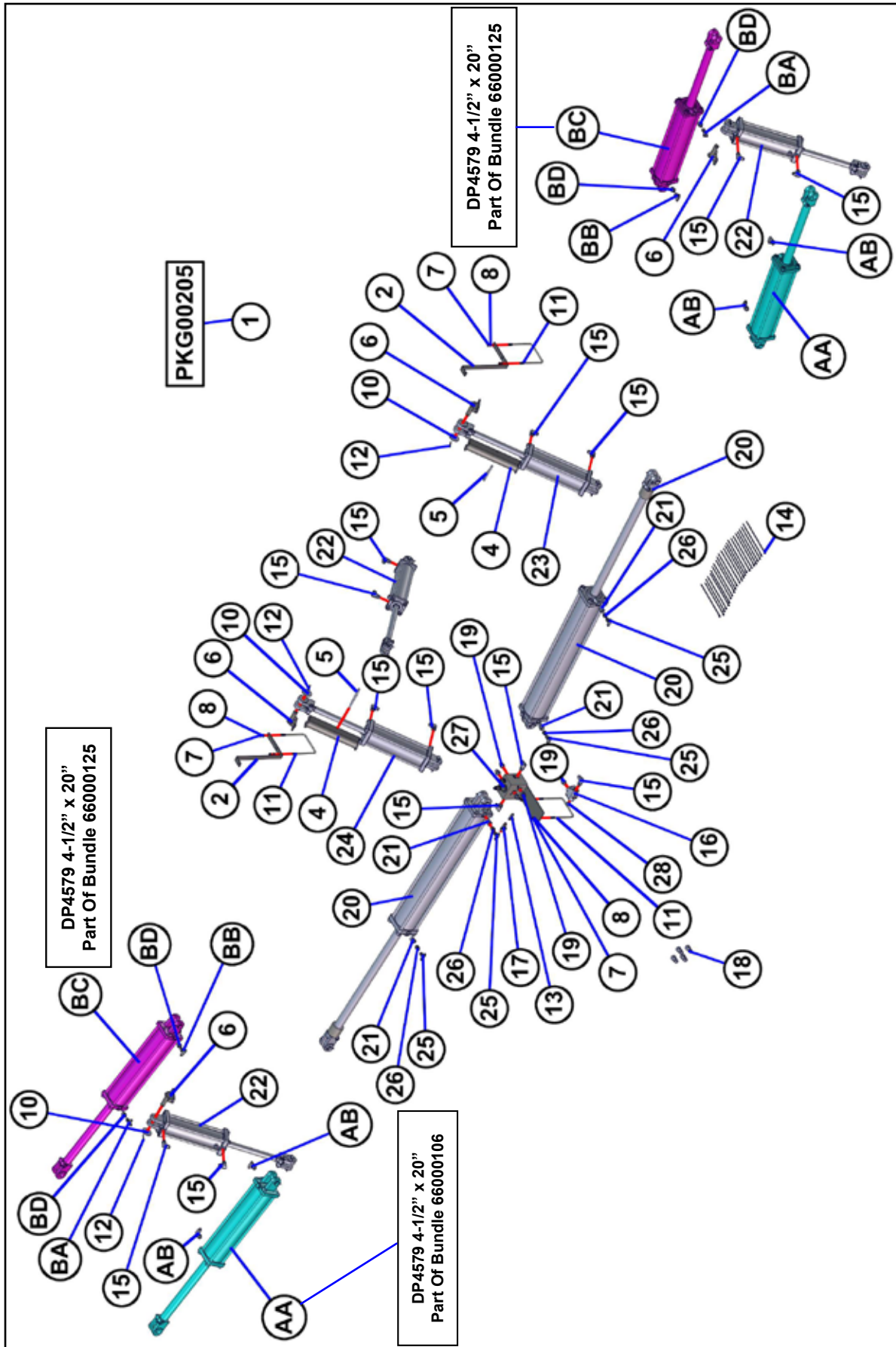
Legacy 38', 42', 47' Hydraulics



Legacy 42'



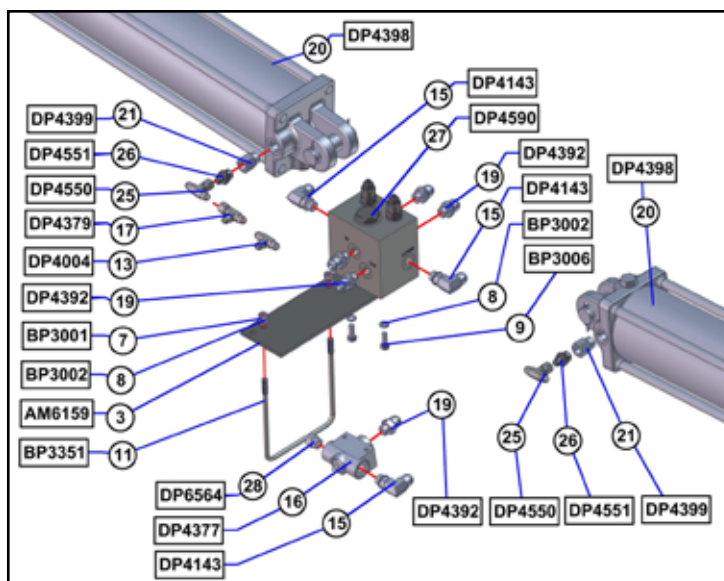
Legacy Hydraulics 52'

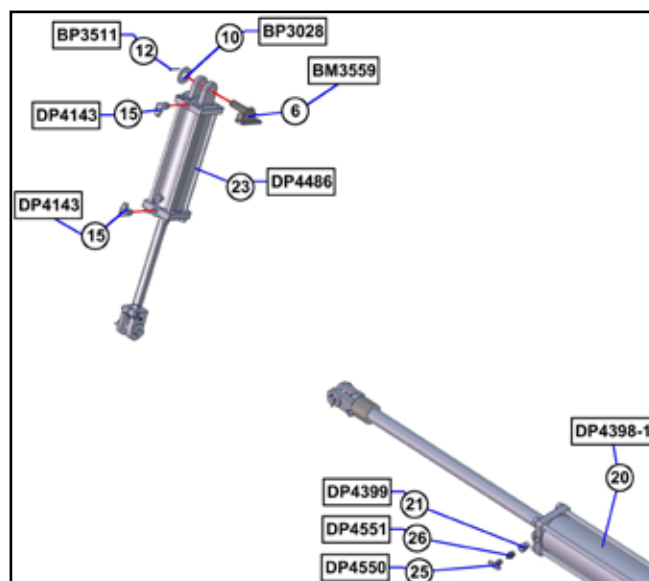
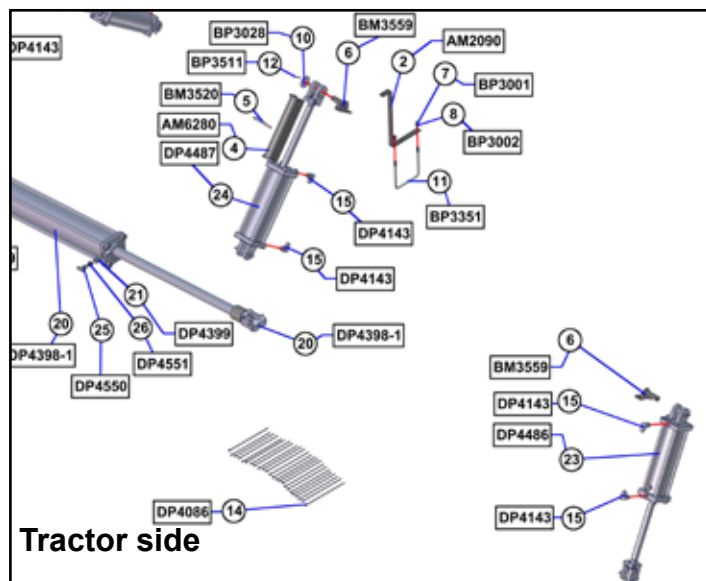


Legacy Hydraulics 52'

Includes: **PKG000205** Package, Hydraulic, AT6020 Base, Up To 45' Economy Hydraulics from **66000106**, AT6020, Secondary Wings Economy Hydraulics from **66000125**, AT6020, Secondary Wing Extensions To 50'

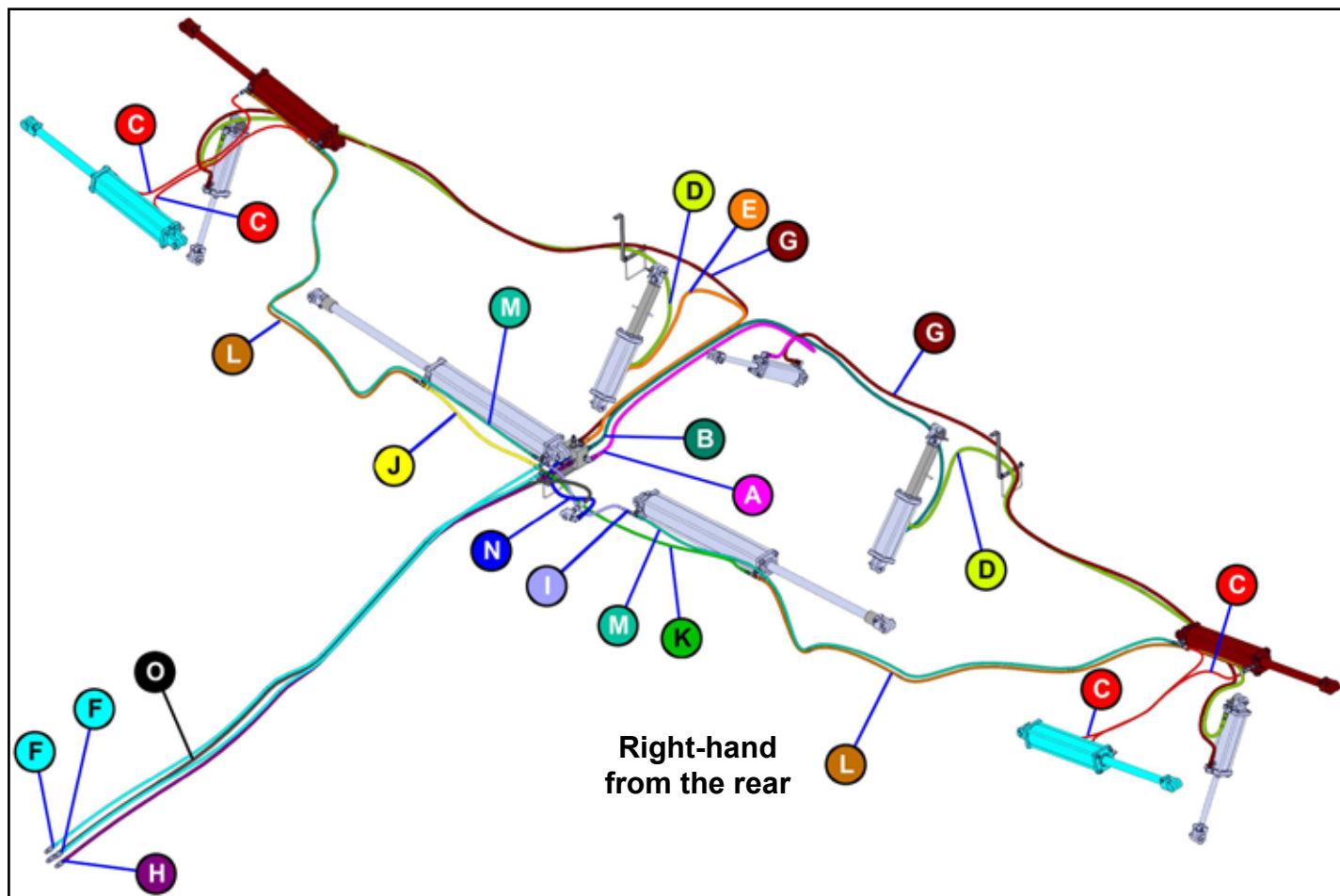
BOM ID	Qty	Item No	Description
1	1	PKG00205	PACKAGE, HYD, LEGACY BASE, UPTO 45'
2	2	AM2090	BRACKET, DEPTH COLLAR & LOCKUP STORAGE
3	1	AM6159	BRACKET, MOUNTING, FLOW DIVIDER VALVE
4	2	AM6280	TRANSPORT CYLINDER LOCK, 1-3/4" & 2" CYL ROD, 12"
5	2	BM3520	CLIP PIN, TRANSPORT LOCK
6	4	BM3559	PIN, CLEVIS, 1 X 3 USEABLE, W/ ANTI-ROTATION
7	6	BP3001	NUT, HEX, 3/8"-16, GRD 2, PLTD
8	8	BP3002	WASHER, LOCK, 3/8", PLTD
9	2	BP3006	HEX CAP SCREW, 3/8"-16 X 1", GRD 5, PLTD
10	4	BP3028	WASHER, FLAT, 1", PLTD, STD
11	3	BP3351	U-BOLT, 3/8"-16 X 6W X 7L, PLTD
12	4	BP3511	PIN, COTTER, 3/16 X 1-3/4
13	1	DP4004	TEE, 6MJ-6MJ-6MJ
14	24	DP4086	CABLE TIE 11-3/8" STD
15	13	DP4143	ADAPTER, 10MJIC-8MSAE, 90*
16	1	DP4377	VALVE, REMOTE STROKE CONTROL, PM-SC-10
17	1	DP4379	TEE, RUN, 6FJX-6MJ-6MJ, STL, 6602-6
18	4	DP4383	COUPLER, PIONEER, 8MQBA-8FSAE
19	5	DP4392	ADAPTER, 8MSAE-10MJIC, STRAIGHT, 6400-10-8
20	2	DP4398-1	5" X 36" HYD CYLINDER, W/ 2-3/4" SPACER
21	4	DP4399	REDUCER, 10MSAE-8FSAE, 6410-10-8
22	1	DP4485	REPHASING CYLINDER, 3-3/4 X 12, PMS-AM-2558
23	2	DP4486	REPHASING CYLINDER, 4 X 12, PMS-AM-2552A
24	2	DP4487	REPHASING CYLINDER, 4-1/2 X 12, AM2546
25	4	DP4550	TEE, BRANCH, 6FJX-6MJ-6MJ, 6600-6
26	4	DP4551	ADAPTER, 6MJ-8MSAE, W/ RESTRICTOR, 6400R-6-8-093
27	1	DP4590	FLOW DIVIDER WITH HOLDING VALVES
28	1	DP6564	PLUG, 8MSAE, HEX, 6408-8
AA	2	DP4579	CYLINDER, HYDRAULIC, 4-1/2" X 20", SIDE PORTED, B450200BCDDA07B
AB	4	DP4581	ADAPTER, 6MJ-10MSAE, 90 DEGREE, 6801-6-10
BA	2	DP4379	TEE, RUN, 6FJX-6MJ-6MJ, STL, 6602-6
BB	2	DP4550	TEE, BRANCH, 6FJX-6MJ-6MJ, 6600-6
BC	2	DP4579	CYLINDER, HYDRAULIC, 4-1/2" X 20", SIDE PORTED, B450200BCDDA07B
BD	3	DP4580	ADAPTER, 6MJ-10MSAE, 6400-6-10





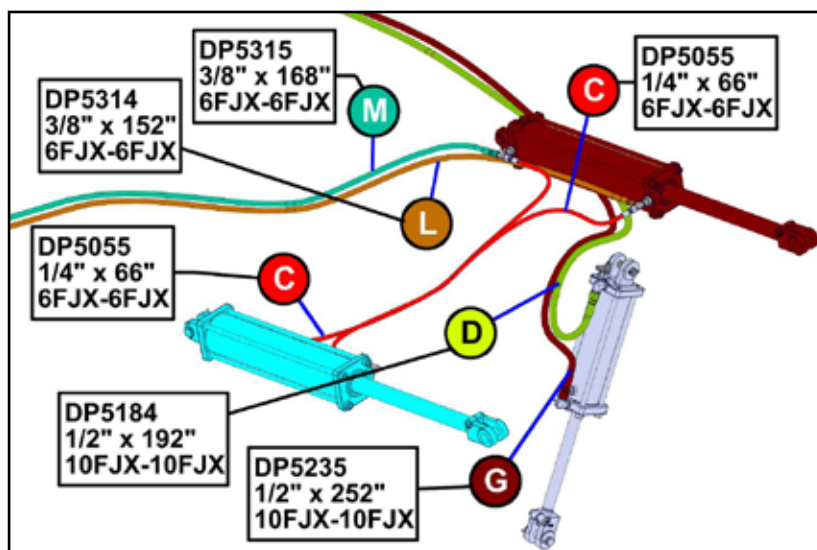
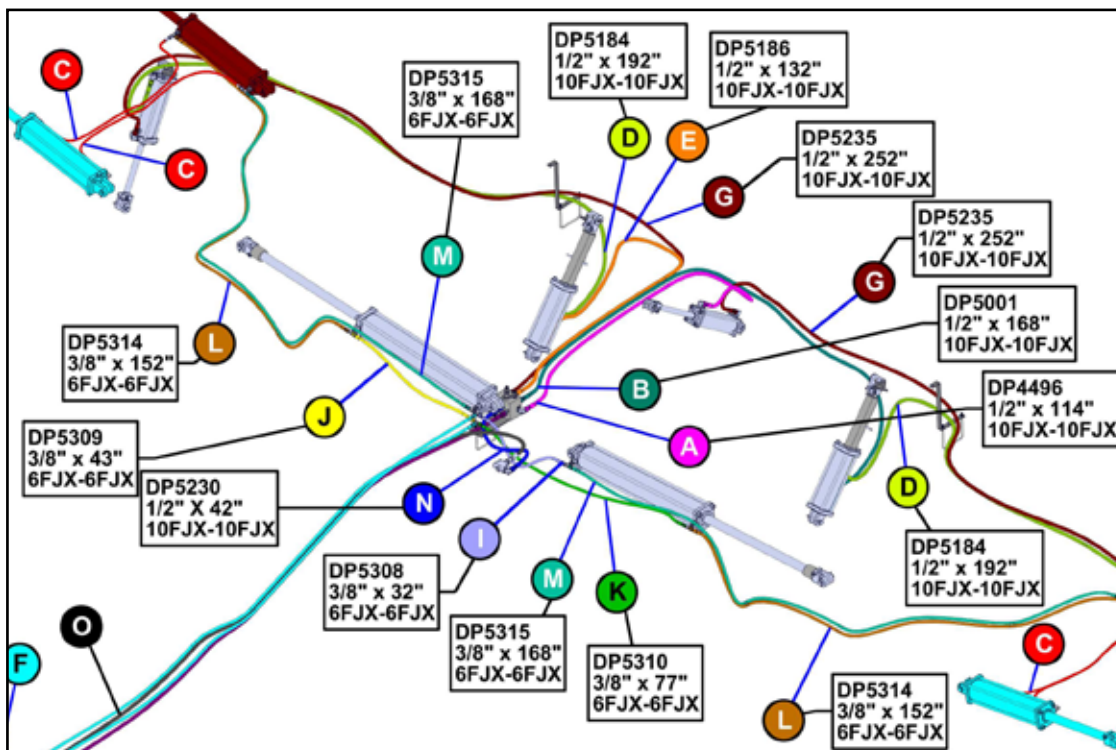
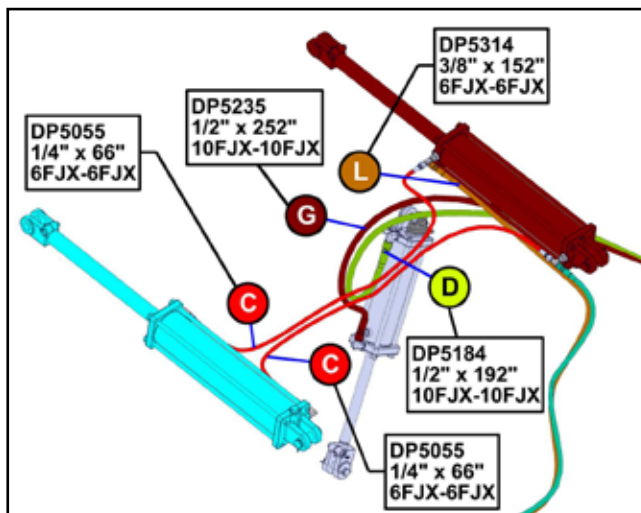
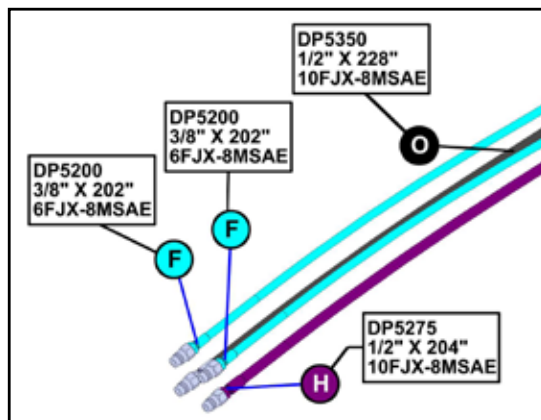
Legacy 52' Hydraulic Hoses

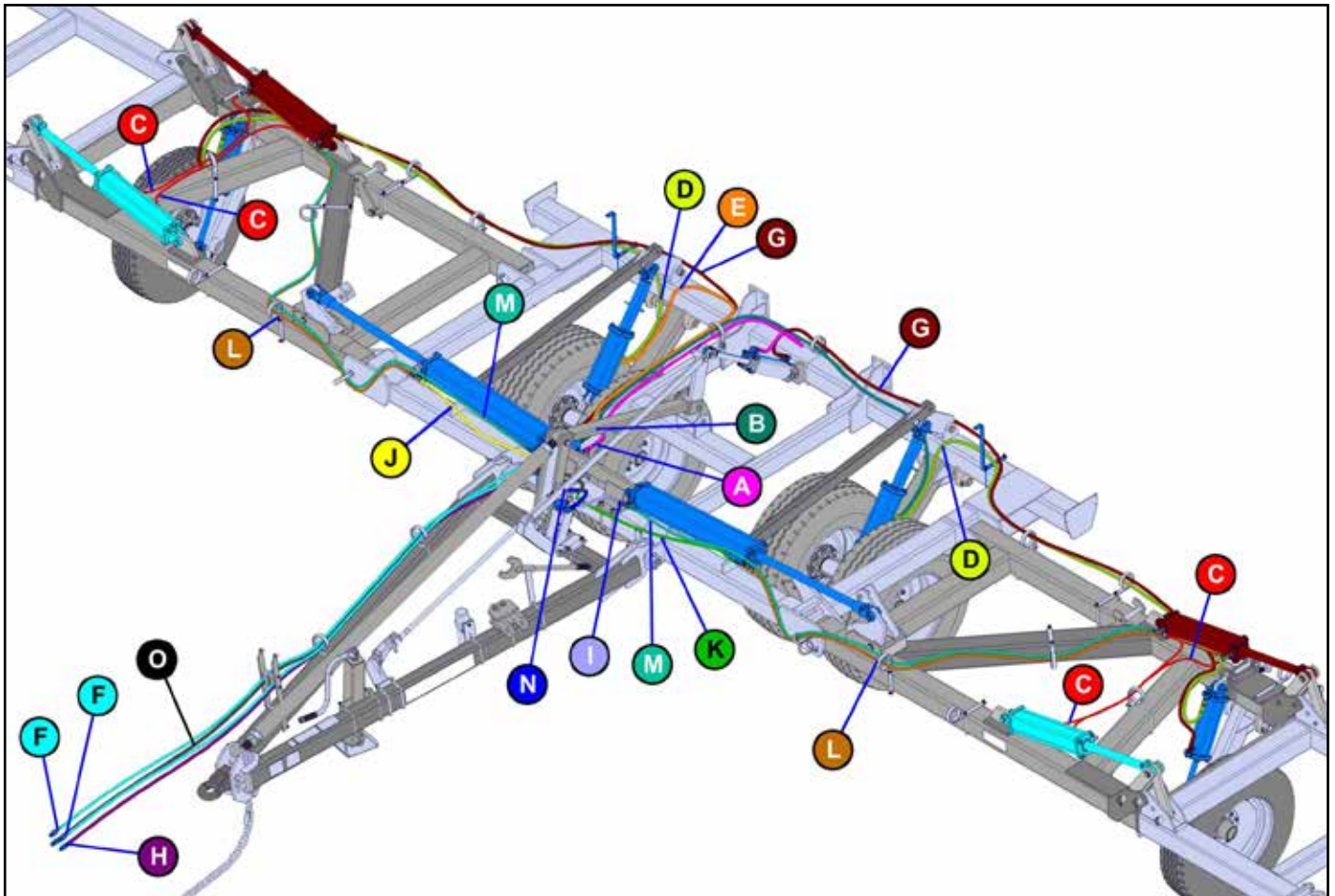
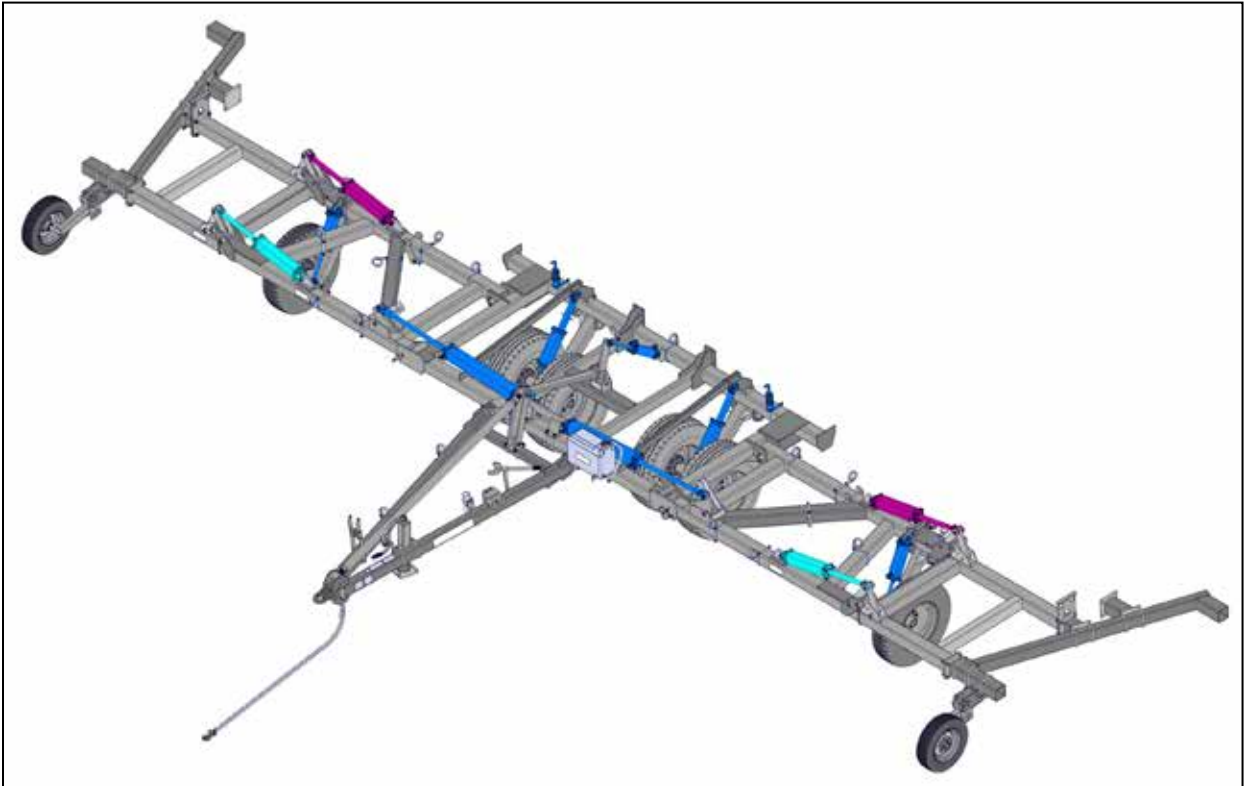
Includes: **PKG000205** Package, Hydraulic, AT6020 Base, Up To 45' Economy
 Hydraulics from **66000106**, AT6020, Secondary Wings Economy
 Hydraulics from **66000125**, AT6020, Secondary Wing Extensions To 50'



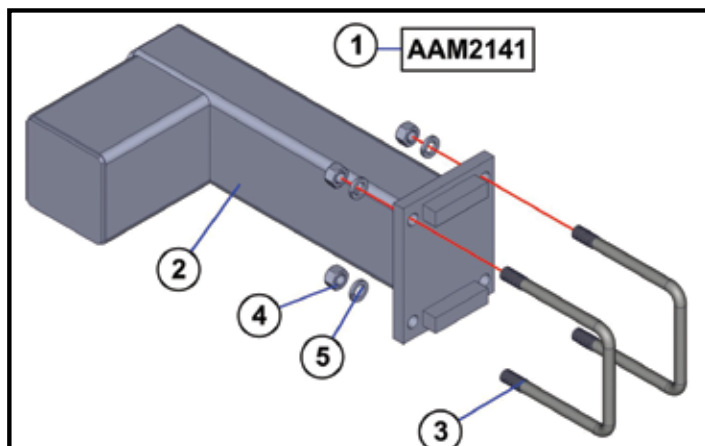
BOM ID	Qty	Item No	Description
A	1	DP4496	HOSE, HYDRAULIC, 1/2" X 114", 10FJX-10FJX
B	1	DP5001	HOSE, HYDRAULIC, 1/2" X 168", 10FJX-10FJX
C	4	DP5055	HOSE, HYDRAULIC, 1/4" X 66", 6FJX-6FJX
D	2	DP5184	HOSE, HYDRAULIC, 1/2" X 192", 10FJX-10FJX
E	1	DP5186	HOSE, HYDRAULIC, 1/2" X 132", 10FJX-10FJX
F	2	DP5200	HOSE, HYDRAULIC, 3/8" X 202", 6FJX-8MSAE
G	2	DP5235	HOSE, HYDRAULIC, 1/2" X 252", 10FJX-10FJX
H	2	DP5275	HOSE, HYDRAULIC, 1/2" X 204", 10FJX-8MSAE
I	1	DP5308	HOSE, HYDRAULIC, 3/8" X 32", 6FJX-6FJX
J	1	DP5309	HOSE, HYDRAULIC, 3/8" X 43", 6FJX-6FJX
K	1	DP5310	HOSE, HYDRAULIC, 3/8" X 77", 6FJX-6FJX
L	2	DP5314	HOSE, HYDRAULIC, 3/8" X 152", 6FJX-6FJX
M	2	DP5315	HOSE, HYDRAULIC, 3/8" X 168", 6FJX-6FJX
N	1	DP5230	HOSE, HYDRAULIC, 1/2" X 42", 10FJX-10FJX
O	1	DP5350	HOSE, HYDRAULIC, 1/2" X 228", 10FJX-8MSAE

Legacy 52' Hydraulics

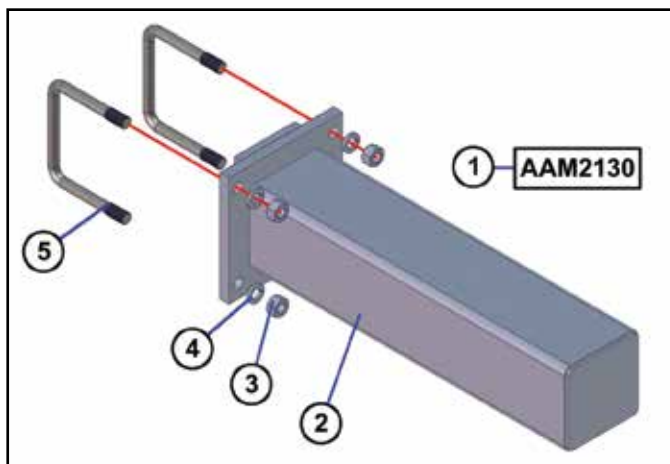




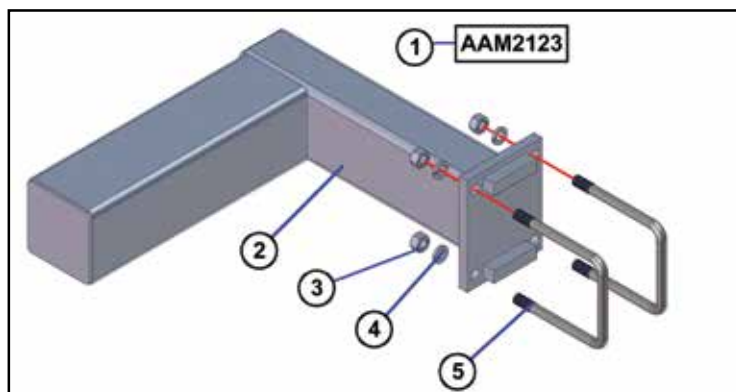
Stagger Brackets Offset 6" x 6" Mounting



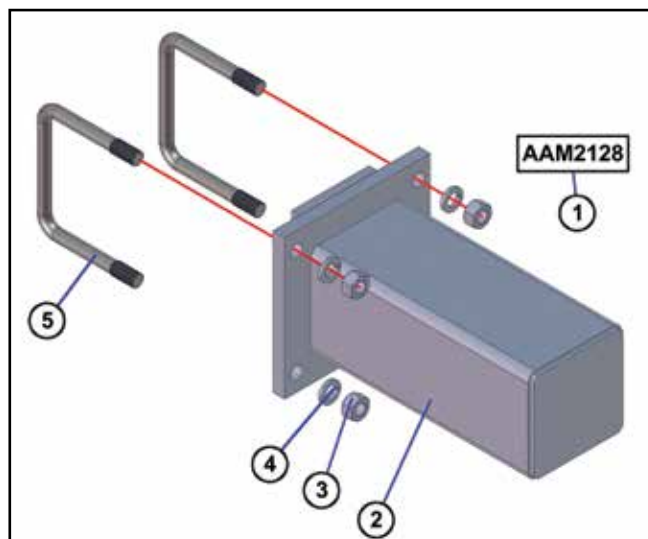
BOM ID	Qty	Item No	Description
1	1	AAM2141	BRACKET, OFFSET STAGGER, 22 X 8, 6 X 6, W/ HARDWARE
2	1	AM4510	BRACKET, OFFSET STAGGER, 22 X 8
3	2	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
4	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
5	4	BP3035	WASHER, LOCK, 3/4", PLATED



BOM ID	Qty	Item No	Description
1	1	AAM2130	BRACKET, EXTENSION, 26", 6 X 6, W/HARDWARE
2	1	AM4542	BRACKET, EXTENSION, 26", 6" MTG, W/ ANTI-ROTATION
3	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
4	4	BP3035	WASHER, LOCK, 3/4", PLATED
5	2	BP3352	U-BOLT, 3/4"-10 X 6"W X 5-11/16"L, PLATED



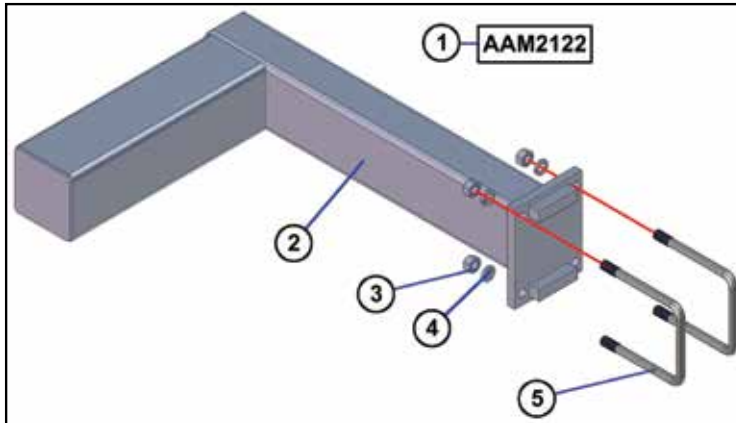
BOM ID	Qty	Item No	Description
1	1	AAM2123	BRACKET, OFFSET STAGGER, 22 X 20, 6 X 6, W/ HARDWARE
2	1	AM4545	BRACKET, OFFSET STAGGER, 22 X 20
3	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
4	4	BP3035	WASHER, LOCK, 3/4", PLATED
5	2	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED



BOM ID	Qty	Item No	Description
1	1	AAM2128	BRACKET, EXTENSION, 14", 6 x 6, W/HARDWARE
2	1	AM4543	BRACKET, EXTENSION, 14", 6" MTG, W/ANTI-ROTATION
3	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
4	4	BP3035	WASHER, LOCK, 3/4", PLATED
5	2	BP3352	U-BOLT, 3/4"-10 X 6"W X 5-11/16"L, PLATED

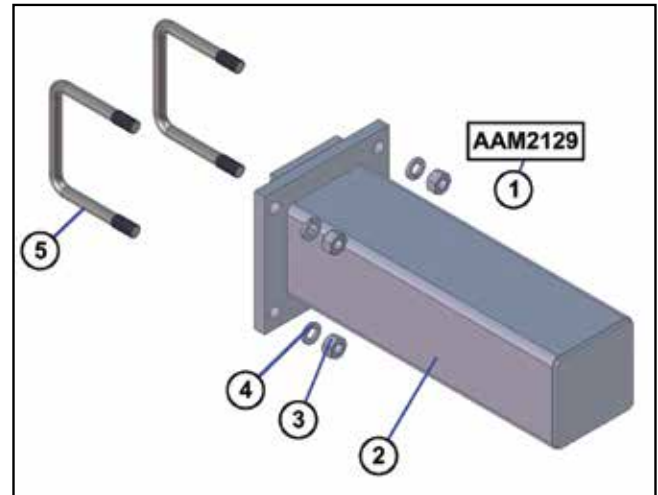
NOTE: Consult row spacing diagram for placement of offset stagger brackets.

Stagger Brackets Offset 6" x 6" Mounting

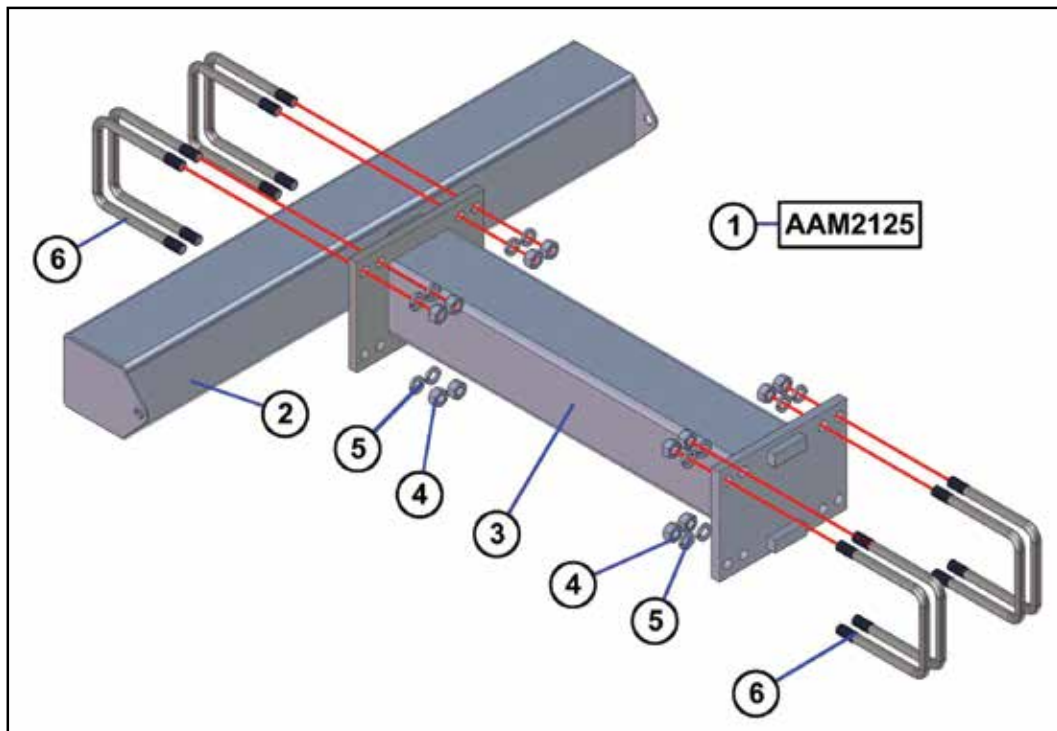


BOM ID	Qty	Item No	Description
1	1	AAM2122	BRACKET, OFFSET STAGGER, 33 X 20, 6 X 6, W/HARDWARE
2	1	AM4509	BRACKET, OFFSET STAGGER, 33X20
3	4	BP3034	NUT, HEX, 3/4"-10 GRADE 2, PLATED
4	4	BP3035	WASHER, LOCK, 3/4", PLATED
5	2	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED

NOTE: Consult row spacing diagram for placement of offset stagger brackets.

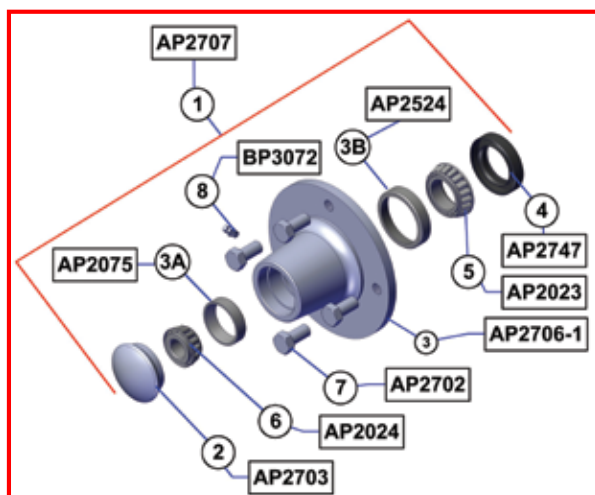


BOM ID	Qty	Item No	Description
1	1	AAM2129	BRACKET, EXTENSION, 20", 6 x 6, W/HARDWARE
2	1	AM6162	BRACKET, EXTENSION, 20", 6" MTG, W/ ANTI-ROTATION
3	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
4	4	BP3035	WASHER, LOCK, 3/4", PLATED
5	2	BP3352	U-BOLT, 3/4"-10 X 6"W X 5-11/16"L, PLATED



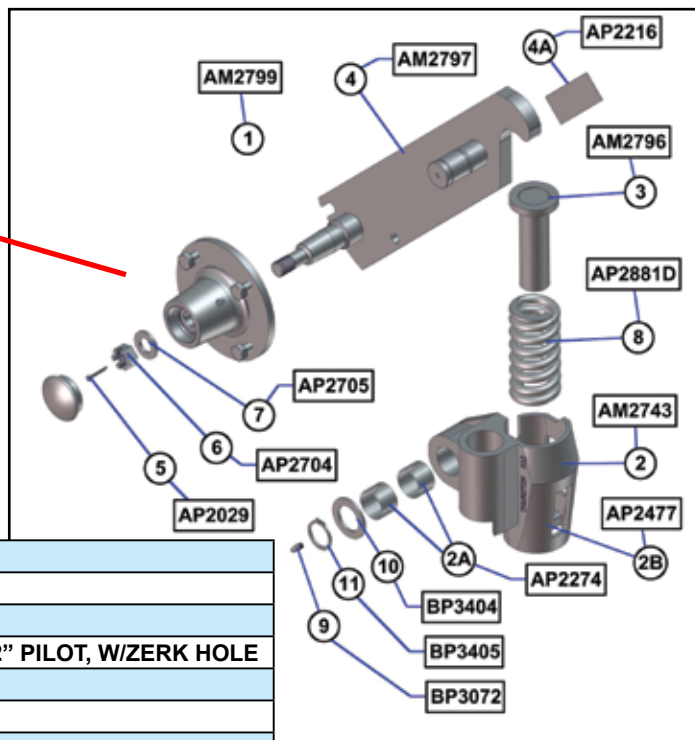
BOM ID	Qty	Item No	Description
1	1	AAM2125	BRACKET, OFFSET STAGGER, 40 X 48 DOUBLE, 6 X 6, W/HARDWARE
2	1	AM6160	TUBE, 4', 6" X 6", CAPPED
3	1	AM6161	BRACKET, EXTENSION, 35", DOUBLE MTG, 6 X 6
4	16	BP3034	NUT, HEX, 3/4"-10, GRD 2, PLTD
5	16	BP3035	WASHER, LOCK, 3/4", PLTD
6	8	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLTD

Super 1200 Flex Coultter and Shank Parts



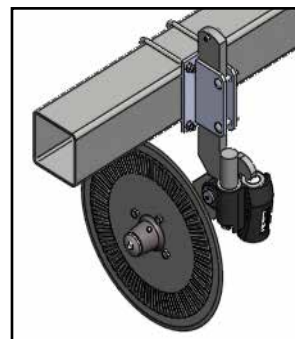
AP2707, HUB ASSEMBLY, 4 BOLT

BOM ID	Qty	Item No	Description
1	1	AP2707	HUB ASSEMBLY, 4 BOLT
2	1	AP2703	HUB CAP, 1610
3	1	AP2706-1	HUB W/ CUPS, 4 BOLT, 5" BC, 3.62" PILOT, W/ZERK HOLE
3A	1	AP2075	BEARING CUP, LM 11910
3B	1	AP2524	BEARING CUP, LM 67010
4	1	AP2747	GREASE SEAL, 15235TB
5	1	AP2023	BEARING CONE, LM 67048
6	1	AP2024	BEARING CONE, LM 11949
7	4	AP2702	HEX CAP SCREW, 1/2"-20 X 1", GRADE 5, PLATED
8	1	BP3072	GREASE ZERK, 1/4"-28



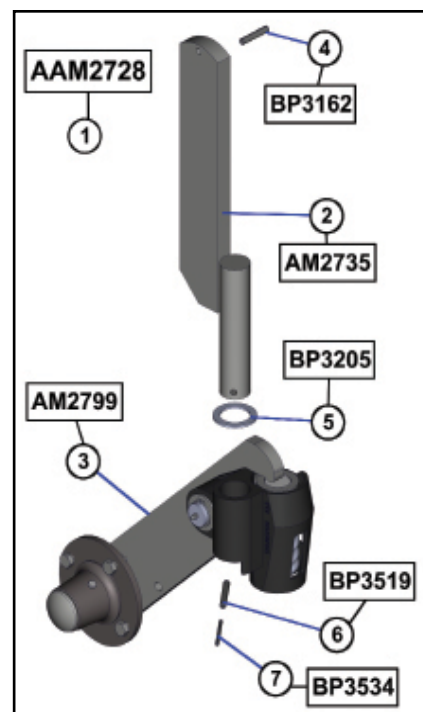
AM2799, ASSEMBLY, COULTER ARM WITH HUB & KNEE CASTING, HD

BOM ID	Qty	Item No	Description
1	1	AM2799	ASSEMBLY, COULTER ARM WITH HUB & KNEE CASTING, HD
2	1	AM2743	CASTING, COULTER KNEE, HD, MACHINED WITH BUSHINGS
2A	2	AP2274	BUSHING, 1-17/32" OD X 1-3/8" ID X 1" OAL
2B	1	AP2477-1	CASTING, COULTER KNEE, MACHINED
3	1	AM2796	SPRING CAP & GUIDE, HD COULTER
4	1	AM2797	COULTER ARM, HD
4A	1	AP2216	DECAL, BLU-JET, SMALL, 1-1/2" X 4"
5	1	AP2029	PIN, COTTER, 5/32" X 1-1/2"
6	1	AP2704	NUT, SPINDLE, 3/4"-16
7	1	AP2705	WASHER, SPINDLE, 1-1/2" X 13/16" X .134"
8	1	AP2881D	SPRING, 2.472" OD X 5.875" OAL, .468 WIRE DIAMETER
9	1	BP3072	GREASE ZERK, 1/4"-28
10	1	BP3404	MACHINERY BUSHING, 2-1/8" OD X 1-3/8" ID X 10 GAUGE, PLATED
11	1	BP3405	SNAP RING, 1-3/8" EXTERNAL, 5160-137

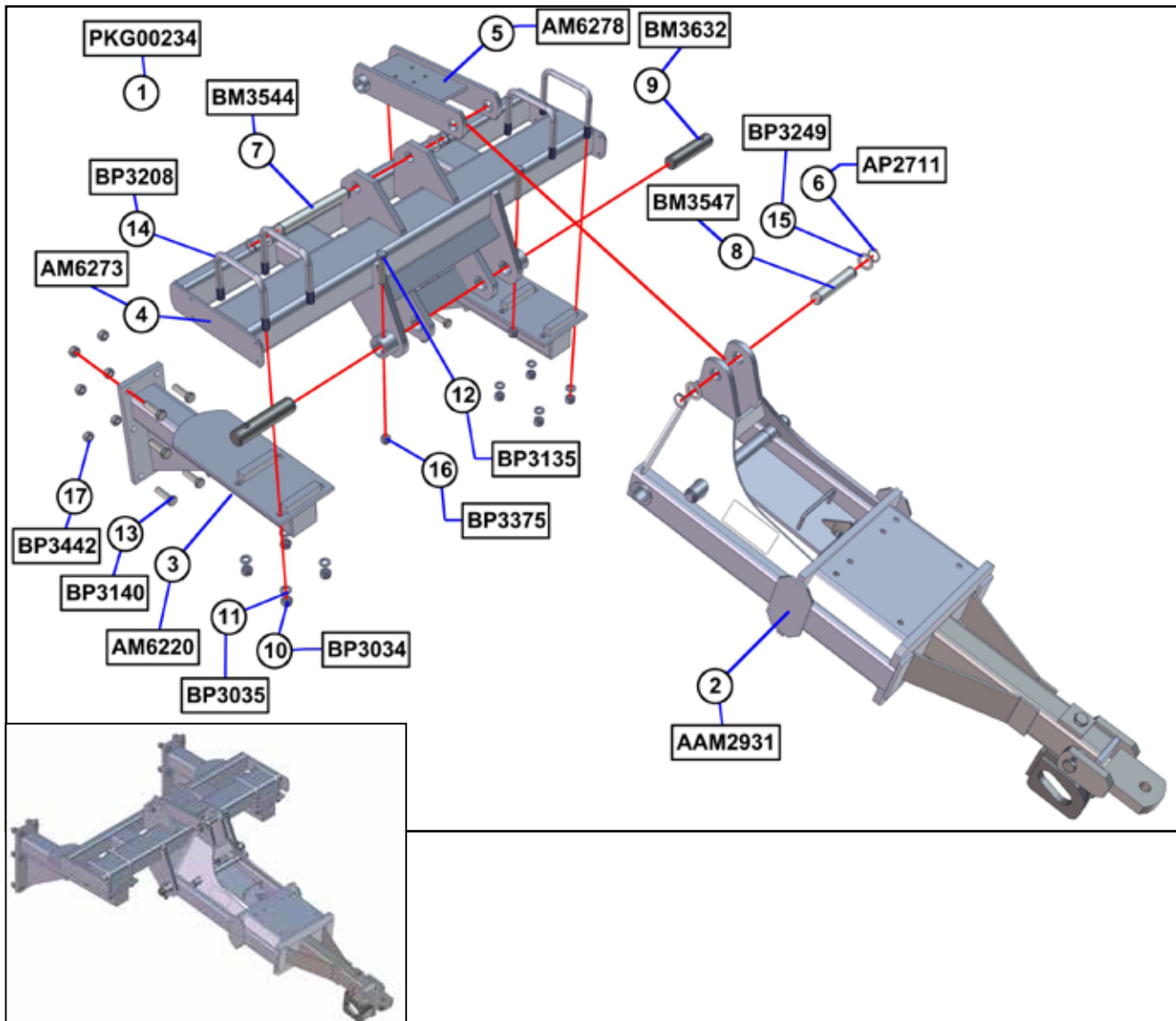


AAM2728 COULTER, SUPER 1200, 16, 1 ROW

BOM ID	Qty	Item No	Description
1	1	AAM2728	COULTER, SUPER 1200, 16, 1R
2	1	AM2735	COULTER SHANK, 16"
3	1	AM2799	ASSEMBLY, COULTER ARM W/ HUB & KNEE CASTING, HD
4	1	BP3162	PIN, ROLL, 3/8" X 2", PLATED
5	1	BP3205	MACHINERY BUSHING, 2-1/2" OD X 1-3/4" ID, 10GA, PLATED
6	1	BP3519	PIN, ROLL, 3/8" X 2-1/2", PLAIN
7	1	BP3534	PIN, ROLL, 7/32" X 2-1/2", PLAIN

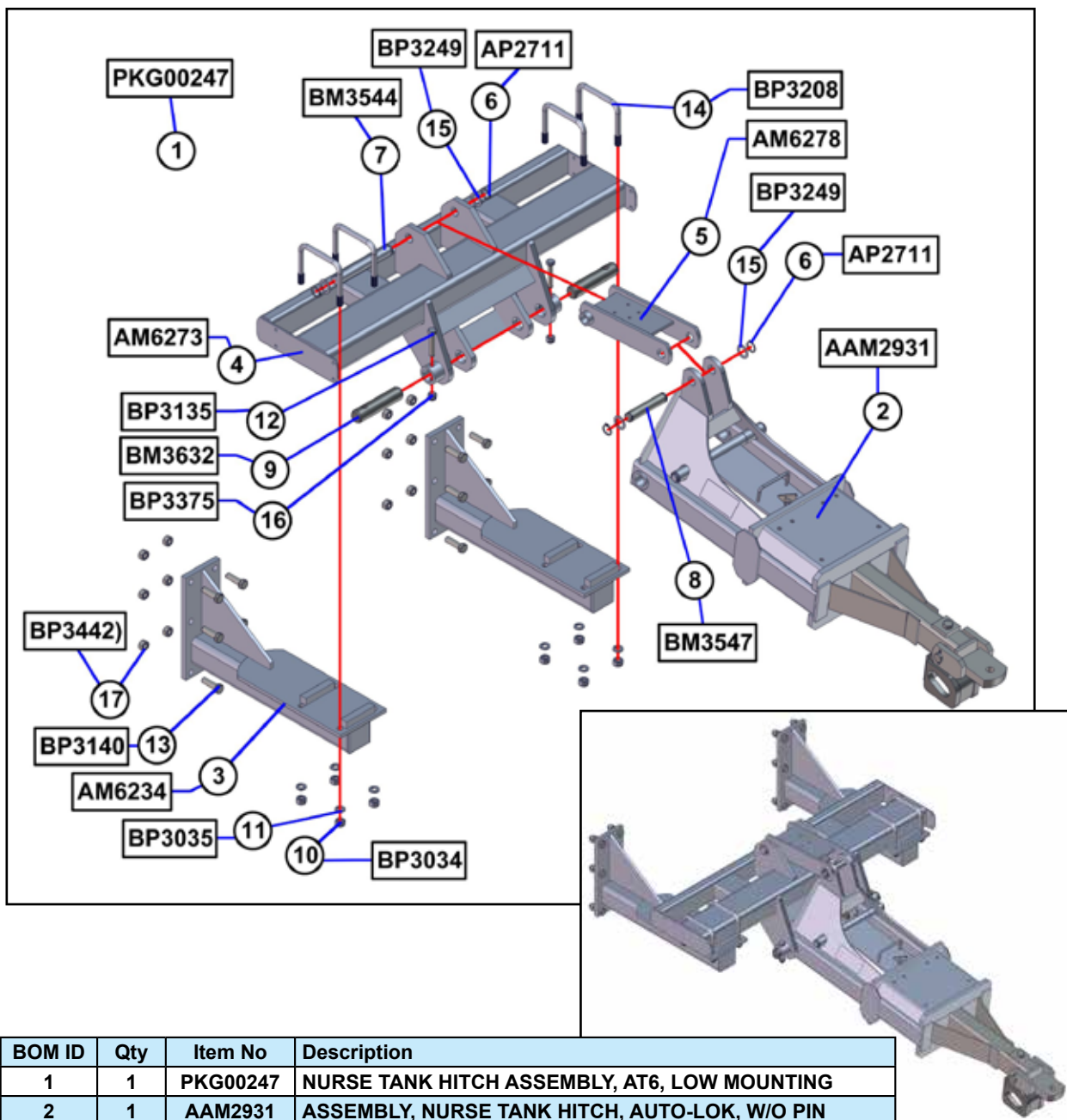


PKG00234 Nurse Tank Hitch Assembly Parts



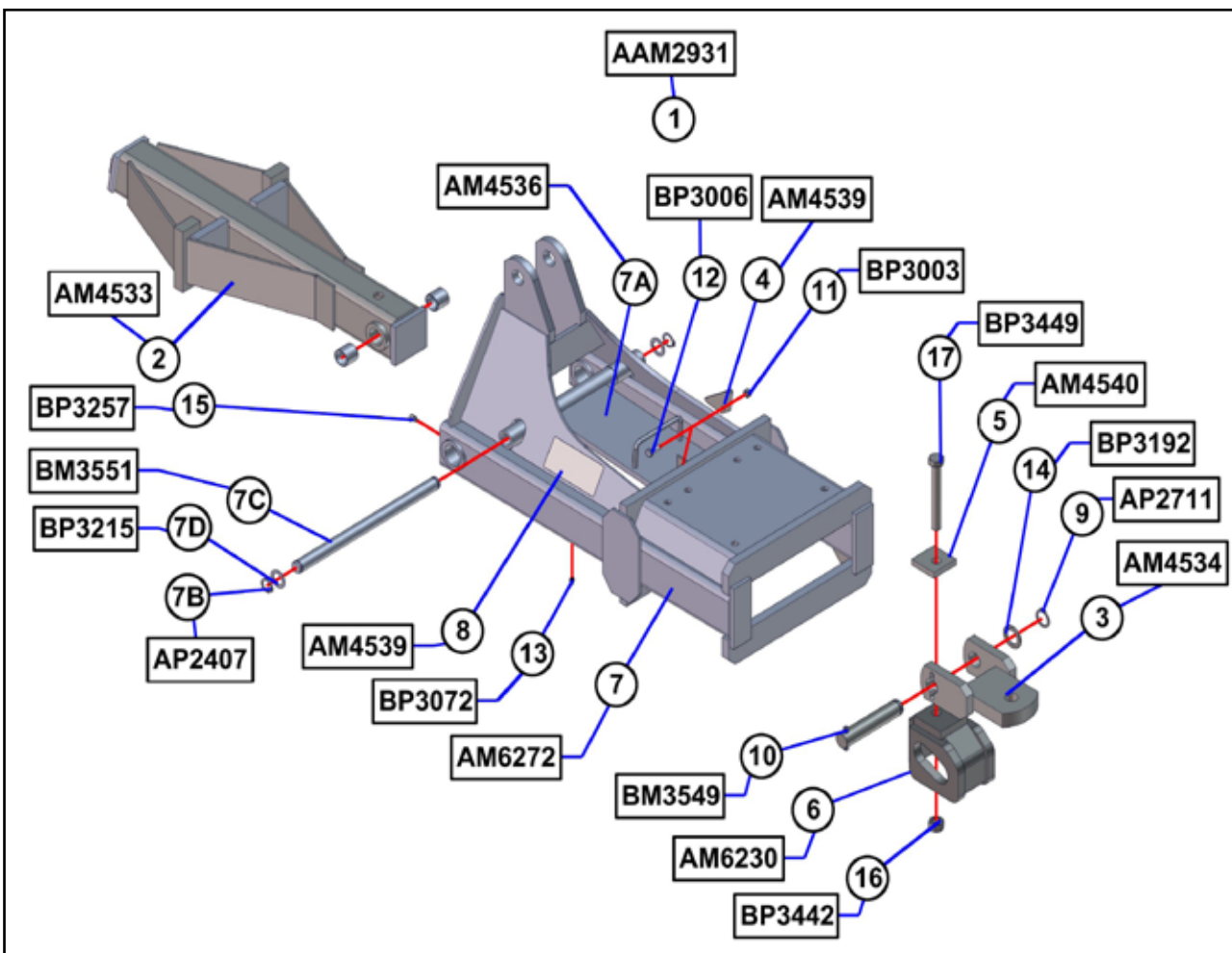
BOM ID	Qty	Item No	Description
1	1	PKG00234	NURSE TANK HITCH ASSEMBLY, AT6020
2	1	AAM2931	ASSEMBLY, NURSE TANK HITCH, AUTO-LOK, W/O PIN
3	2	AM6220	BRACKET, HITCH MOUNTING, AT6010 NURSE TANK
4	1	AM6273	BRACKET, NURSE TANK HITCH MOUNTING, LOW
5	1	AM6278	LINKAGE, NURSE TANK HITCH, 12-3/4"
6	4	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
7	1	BM3544	PIN, 1-1/4" X 9" USEABLE
8	1	BM3547	PIN, 1-1/4" X 5-3/4" USEABLE
9	2	BM3632	PIN, CATEGORY IV, UPPER LINK
10	8	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
11	8	BP3035	WASHER, LOCK, 3/4", PLATED
12	2	BP3135	HEX CAP SCREW, 5/8"-11 X 3-1/2", GRADE 5, PLATED
13	12	BP3140	HEX CAP SCREW, 3/4"-10 X 2-1/2, GRADE 5, PLATED
14	4	BP3208	U-BOLT, 3/4"-10 X 6"W X 5-11/16"L, PLATED
15	4	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14GA, PLATED
16	2	BP3375	NUT, HEX LOCK, 5/8"-11, NYLOCK
17	12	BP3442	NUT, HEX LOCK, 3/4"-10, TOP LOCK, GRADE C, PLATED

PKG00247 Nurse Tank Hitch Assembly, Low Mounting Parts



BOM ID	Qty	Item No	Description
1	1	PKG00247	NURSE TANK HITCH ASSEMBLY, AT6, LOW MOUNTING
2	1	AAM2931	ASSEMBLY, NURSE TANK HITCH, AUTO-LOK, W/O PIN
3	2	AM6234	BRACKET, LOW HITCH MOUNTING, AT6020 NURSE TANK
4	1	AM6273	BRACKET, NURSE TANK HITCH MOUNTING, LOW
5	1	AM6278	LINKAGE, NURSE TANK HITCH, 12-3/4"
6	4	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
7	1	BM3544	PIN, 1-1/4" X 9" USEABLE
8	1	BM3547	PIN, 1-1/4" X 5-3/4" USEABLE
9	2	BM3632	PIN, CATEGORY IV, UPPER LINK
10	8	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
11	8	BP3035	WASHER, LOCK, 3/4", PLATED
12	2	BP3135	HEX CAP SCREW, 5/8"-11 X 3-1/2", GRADE 5, PLATED
13	12	BP3140	HEX CAP SCREW, 3/4"-10 X 2-1/2", GRADE 5, PLATED
14	4	BP3208	U-BOLT, 3/4"-10 X 6"W X 5-11/16"L, PLATED
15	4	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14GA, PLATED
16	2	BP3375	NUT, HEX LOCK, 5/8"-11, NYLOCK
17	12	BP3442	NUT, HEX LOCK, 3/4"-10, TOP LOCK, GRADE C, PLATED

Auto-Lok Nurse Tank Hitch AAM2931 Parts



BOM ID	Qty	Item No	Description
1	1	AAM2931	ASSEMBLY, NURSE TANK HITCH, AUTO-LOK, W/O PIN
2	1	AM4533	HITCH, SWING SLIDE INSERT, STANDARD
3	1	AM4534	FLIPPER HITCH, STANDARD, NURSE TANK HITCH
4	1	AM4539	SAFETY LATCH
5	1	AM4540	BACKING PLATE, SAFETY CHAIN LOOP, STD NURSE TANK HITCH
6	1	AM6230	BRACKET, SAFETY CHAIN ATTACHMENT
7	1	AM6272	HITCH, NURSE TANK, MAIN FRAME
7A	1	AM4536	INSERT LATCH, NURSE TANK HITCH
7B	2	AP2407	SNAP RING, 1" EXTERNAL, HEAVY DUTY
7C	1	BM3551	PIN, 1" X 15-1/8" USEABLE
7D	2	BP3215	MACHINERY BUSHING, 1-1/2" OD X 1" ID, 14GA, PLATED
8	2	AP2585	DECAL, HITCH CAPACITY, 25000 LB
9	1	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
10	1	BM3549	PIN, 1-1/4" X 5-5/16" USEABLE, GROOVED W/ ANTI-ROTATION PIN
11	1	BP3003	NUT, HEX LOCK, 3/8"-16, GRADE 2, PLATED
12	1	BP3006	HEX CAP SCREW, 3/8"-16 X 1", GRADE 5, PLATED
13	1	BP3072	GREASE ZERK, 1/4"-28
14	1	BP3192	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID X 10GA, PLATED
15	2	BP3257	GREASE ZERK, 1/4"-28, 65°
16	1	BP3442	NUT, HEX LOCK, 3/4"-10, TOP LOCK, GRADE C, PLATED
17	1	BP3449	HEX CAP SCREW, 3/4"-10 X 6", GRADE 8, PLATED



**Coultter Blade
Fluted Blade 20"
AP2701**

SealPro (Disc Sealer) Blade Options



**AM2479
17" Notched Blade**

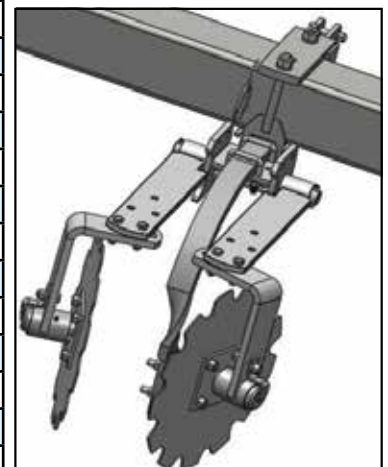
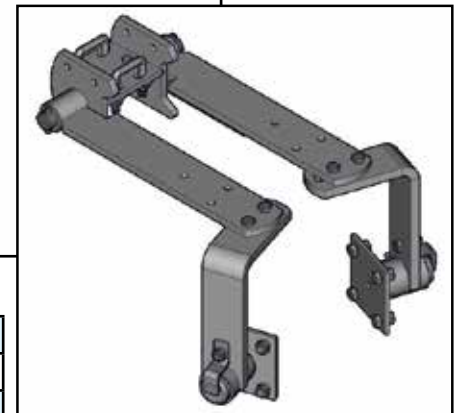
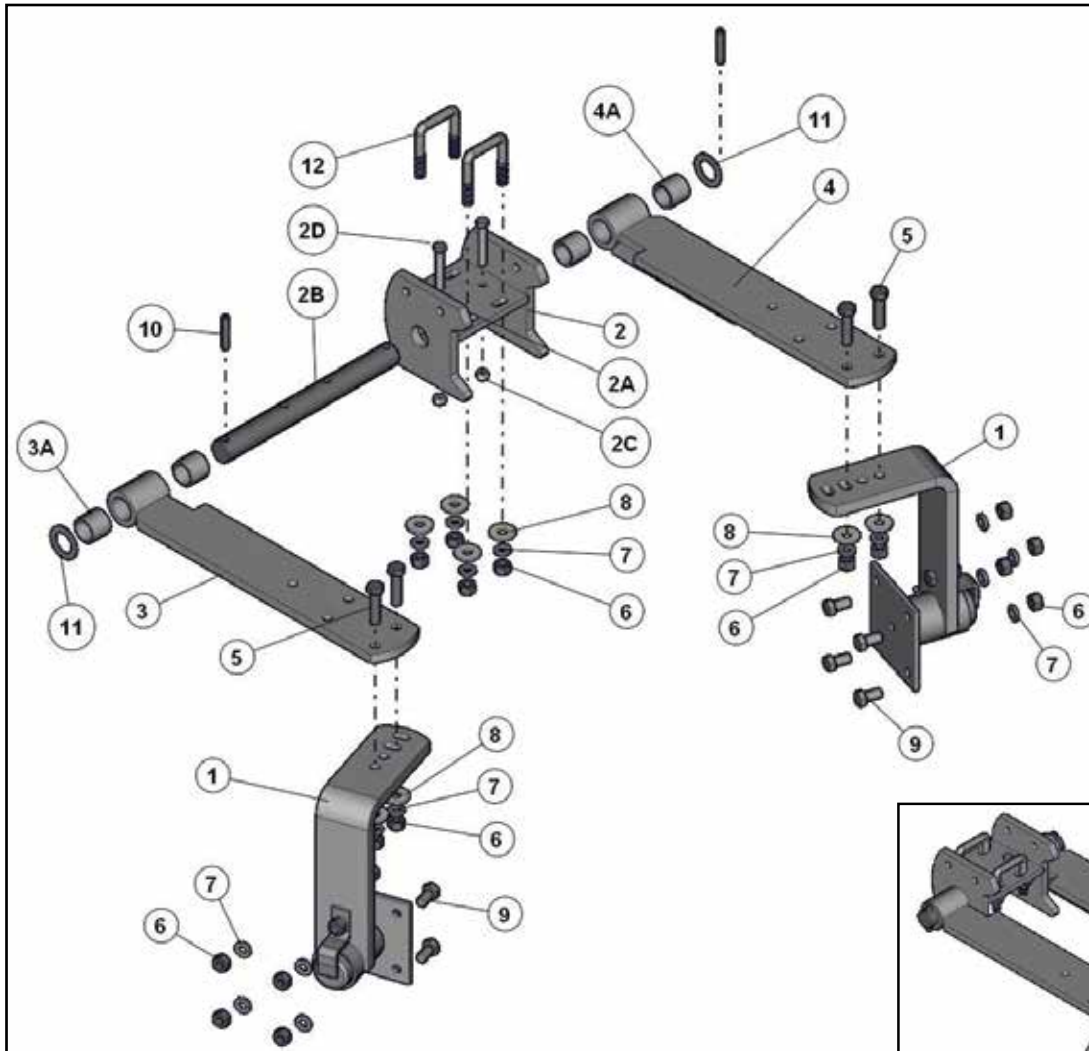


**AM2473
18" hoe wheel**



**AP2728
17" wavy**

SealPro II (AAM2855) Disc Sealer 1" x 2" Shank Parts

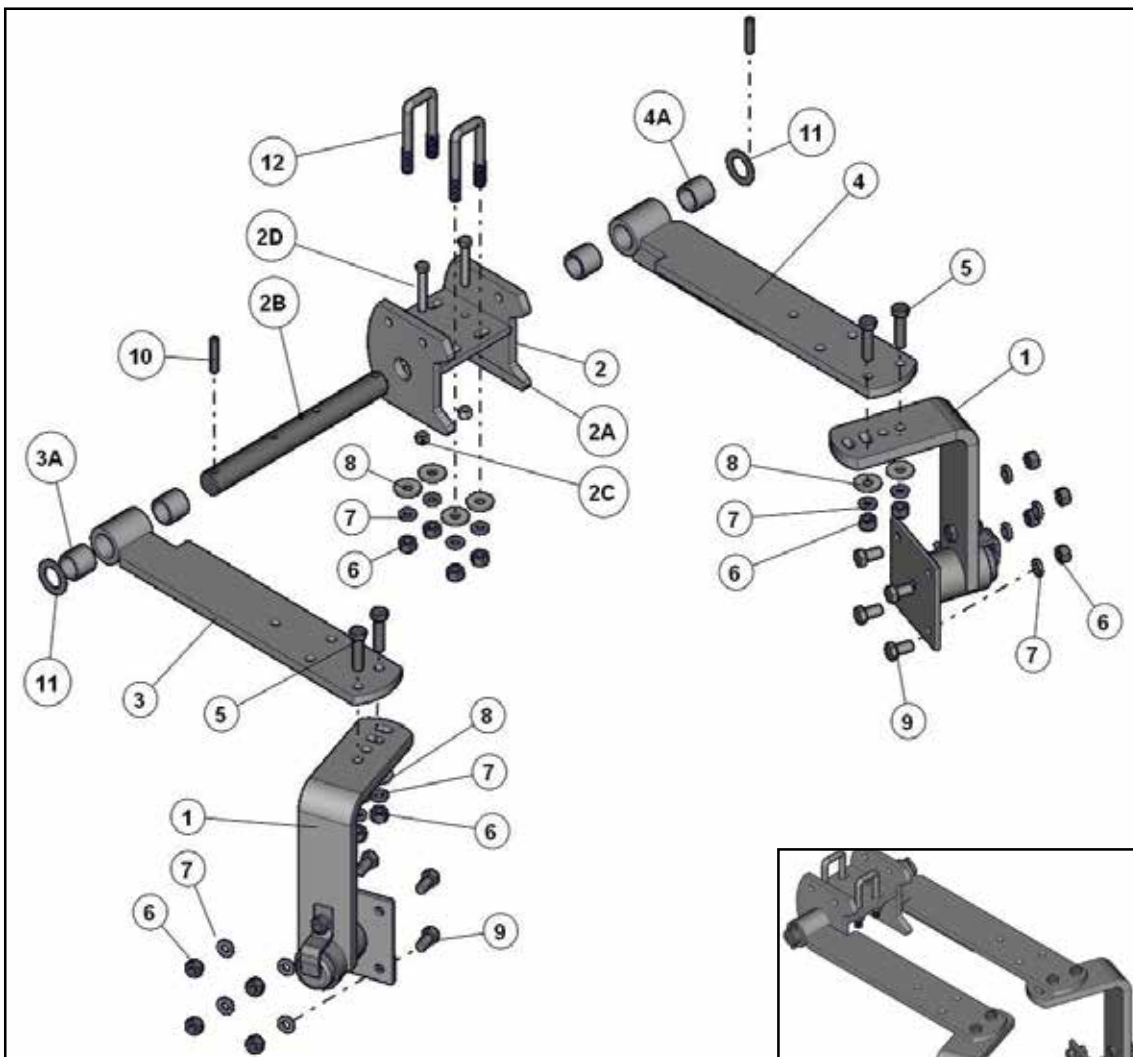


Notched Blade Optional

► AAM2855 SEALPRO II, 1" X 2" SHANK, 1 ROW

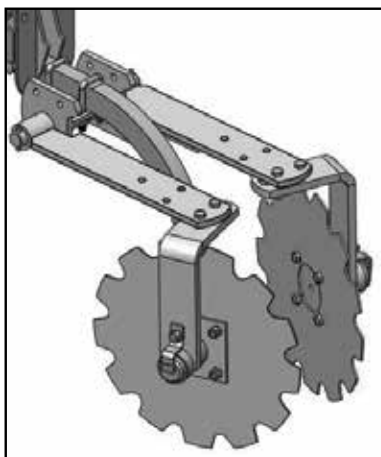
BOM ID	Qty	Item No	Description
1	2	AM2481	ASSEMBLY, SEALER HANGER WITH BLADE MOUNTING
2	1	AM2485	ASSEMBLY, SEALER MOUNTING BRACKET
2A	1	AM2484	BRACKET, SEALER MOUNTING
2B	1	BM3643	PIN, 1-1/4" X 12-1/2" OAL, SEALER SHAFT
2C	2	BP3003	NUT, HEX LOCK, 3/8"-16, GRADE 2, PLATED
2D	2	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRADE 5, PLATED
3	1	AM2486	SEALER ARM, LEFT HAND
3A	2	AP3115	BUSHING, SELF-LUBRICATED 1-1/4" X 1-1/4" LONG
4	1	AM2487	SEALER ARM, RIGHT HAND
4A	2	AP3115	BUSHING, SELF-LUBRICATED 1-1/4" X 1-1/4" LONG
5	4	BP3041	HEX CAP SCREW, 1/2"-13 X 2", GRADE 5, PLATED
6	16	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
7	16	BP3043	WASHER, LOCK, 1/2", PLATED
8	8	BP3050	WASHER, FLAT, 1/2", PLATED
9	8	BP3125	HEX CAP SCREW, 1/2"-13 X 1", GRADE 5, PLATED
10	2	BP3162	PIN, ROLL, 3/8" X 2", PLATED
11	2	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14 GAUGE
12	2	BP3313	U-BOLT, 1/2"-13 X 2"W X 2-3/4"L, PLATED

SealPro II (AAM2856) Disc Sealer 1-1/4" Edge Bent Shank



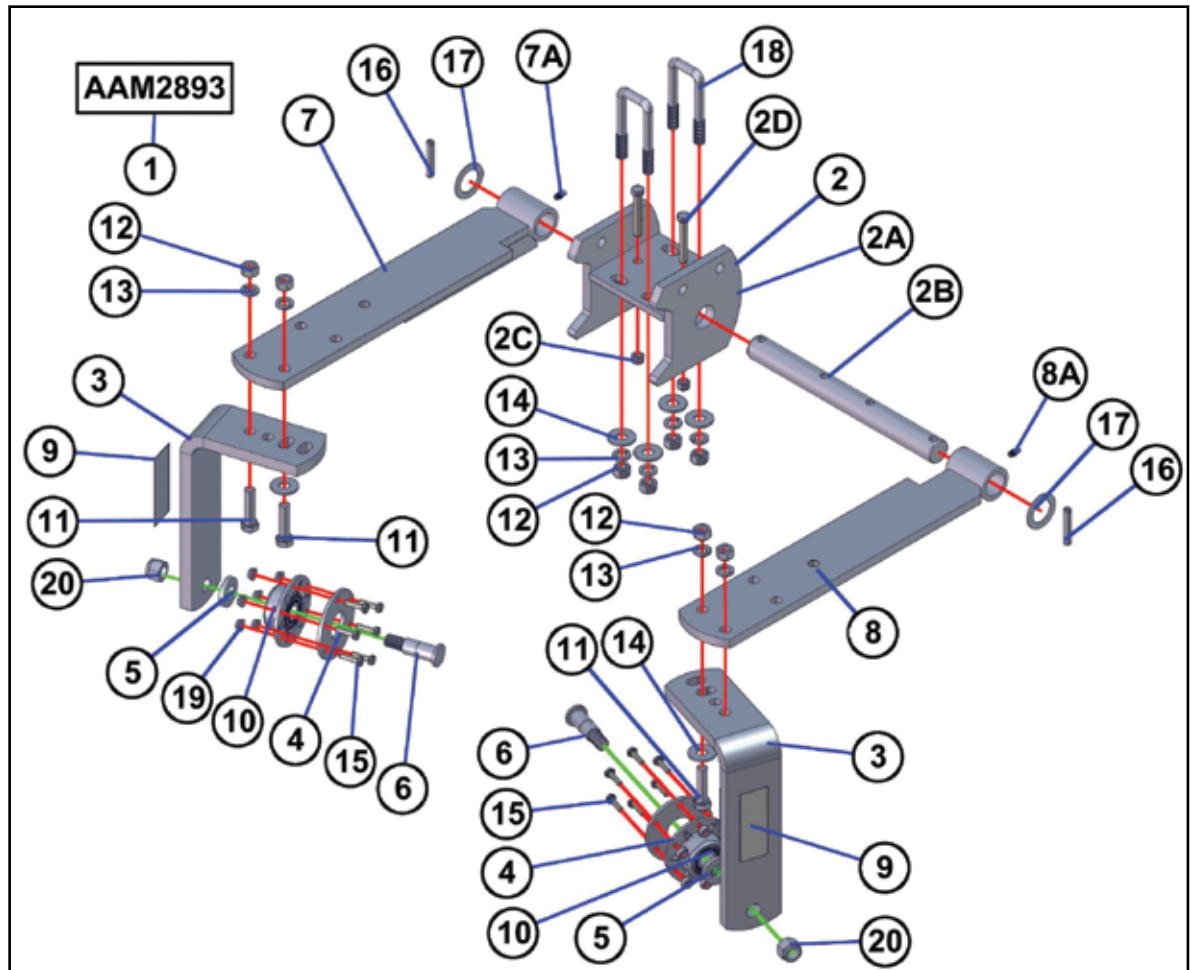
► AAM2856 SEALPRO II, 1-1/4" EDGE BENT SHANK, 1 ROW

BOM ID	Qty	Item No	Description
1	2	AM2481	ASSEMBLY, SEALER HANGER WITH BLADE MOUNTING
2	1	AM2485	ASSEMBLY, SEALER MOUNTING BRACKET
2A	1	AM2484	BRACKET, SEALER MOUNTING
2B	1	BM3643	PIN, 1-1/4" X 12-1/2" OAL, SEALER SHAFT
2C	2	BP3003	NUT, HEX LOCK, 3/8"-16, GRADE 2, PLATED
2D	2	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRADE 5, PLATED
3	1	AM2486	SEALER ARM, LEFT HAND
3A	2	AP3115	BUSHING, SELF-LUBRICATED 1-1/4" X 1-1/4" LONG
4	1	AM2487	SEALER ARM, RIGHT HAND
4A	2	AP3115	BUSHING, SELF-LUBRICATED 1-1/4" X 1-1/4" LONG
5	4	BP3041	HEX CAP SCREW, 1/2"-13 X 2", GRADE 5, PLATED
6	16	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
7	16	BP3043	WASHER, LOCK, 1/2", PLATED
8	8	BP3050	WASHER, FLAT, 1/2", PLATED
9	8	BP3125	HEX CAP SCREW, 1/2"-13 X 1", GRADE 5, PLATED
10	2	BP3162	PIN, ROLL, 3/8" X 2", PLATED
11	2	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14 GAUGE
12	2	BP3314	U-BOLT, 1/2"-13 X 1-1/4"W X 3-3/4"L, PLATED

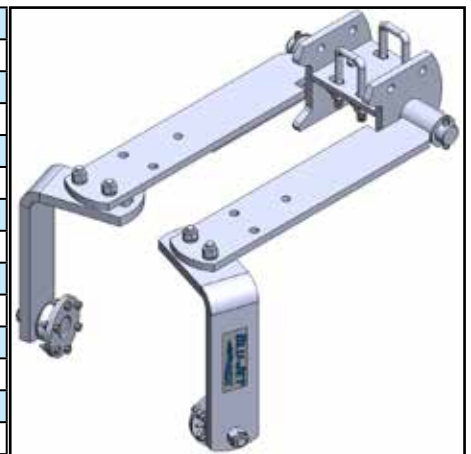


Notched Blade Optional

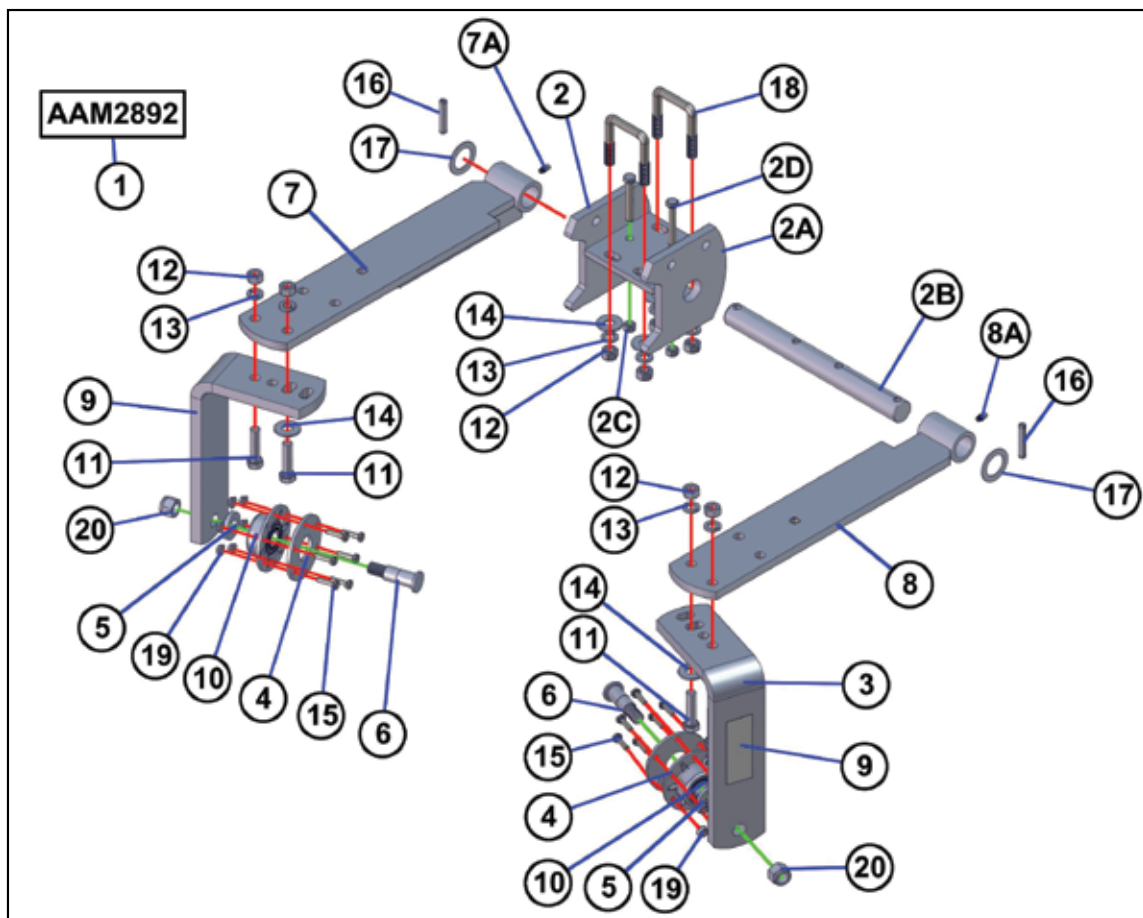
SealPro SKF (AAM2893) Disc Sealer 1-1/4" Edgebent Shank



BOM ID	Qty	Item No	Description
1	1	AAM2893	SEALPRO SKF, 1-1/4" EDGEBENT, 1 ROW
2	1	AM2485	ASSEMBLY, SEALER MTG BRACKET
2A	1	AM2484	BRACKET, SEALER MOUNTING
2B	1	BM3643	PIN, 1-1/4" X 12-1/2" OAL, SEALER SHAFT
2C	2	BP3003	NUT, HEX LOCK, 3/8"-16, GRD 2, PLTD
2D	2	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRD 5, PLTD
3	2	AM2745	SEALER HANGER MOUNT, FOR SKF HUB
4	2	AM2747	SPACER, SEALPRO BLADE
5	2	AM2748	WASHER, 1-1/2" OD X 25/32" ID X 1/4"
6	2	AM2749	BOLT, MOUNTING, SEALPRO HUB
7	1	AM2750	SEALER ARM, LH, GREASEABLE, 2 POSITION
7A	1	BP3072	GREASE ZERK, 1/4"-28
8	1	AM2751	SEALER ARM, RH, GREASEABLE, 2 POSITION
8A	1	BP3072	GREASE ZERK, 1/4"-28
9	2	AP2216	DECAL, BLU-JET, SMALL, 1-1/2" X 4"
10	2	AP4581	BEARING UNIT, ADH 7546
11	4	BP3041	HEX CAP SCREW, 1/2"-13 X 2", GRD 5, PLTD
12	8	BP3042	NUT, HEX, 1/2"-13, GRD 2, PLTD
13	8	BP3043	WASHER, LOCK, 1/2", PLTD
14	6	BP3050	WASHER, FLAT, 1/2", PLTD
15	12	BP3150	HEX CAP SCREW, 1/4"-20 X 1", GRD 5, PLTD
16	2	BP3162	PIN, ROLL, 3/8" X 2", PLTD
17	2	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14GA, PLTD
18	2	BP3314	U-BOLT, 1/2"-13 X 1-1/4W X 3-3/4L, PLTD
19	12	BP3367	NUT, HEX FLANGE, 1/4"-20, SERRATED, GRADE 2, PLATED
20	2	BP3375	NUT, HEX LOCK, 5/8"-11, NYLOCK

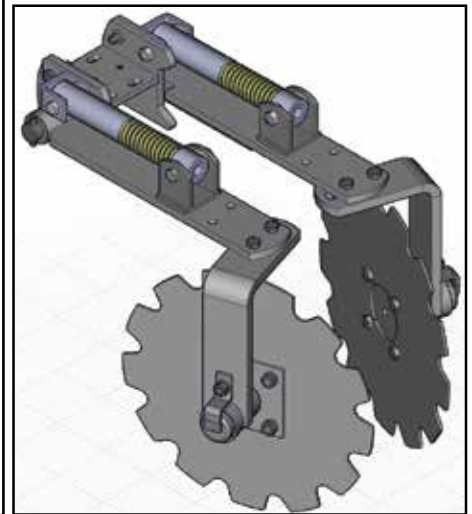
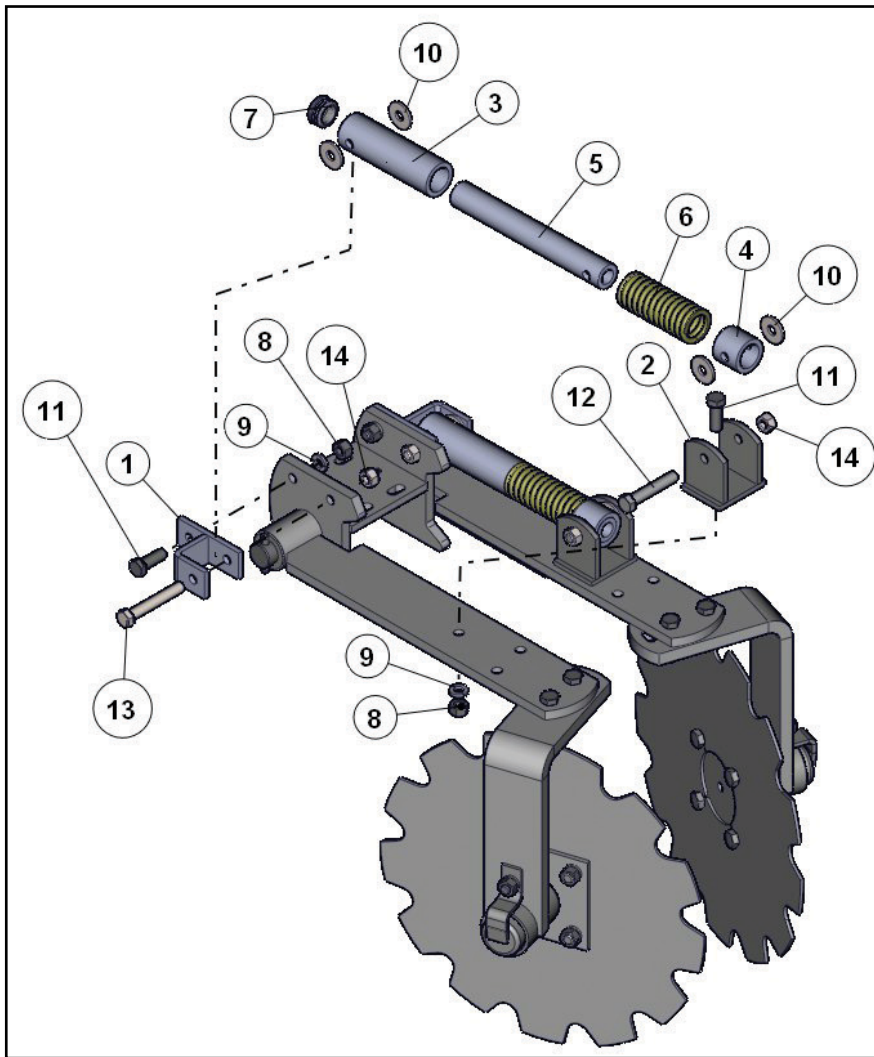


SealPro SKF (AAM2892) Disc Sealer 1 X 2" Shank



BOM ID	Qty	Item No	Description
1	1	AAM2892	SEALPRO SKF, 1X2 SHANK, 1 ROW
2	1	AM2485	ASSEMBLY, SEALER MOUNTING BRACKET
2A	1	AM2484	BRACKET, SEALER MOUNTING
2B	1	BM3643	PIN, 1-1/4" X 12-1/2" OAL, SEALER SHAFT
2C	2	BP3003	NUT, HEX LOCK, 3/8"-16, GRADE 2, PLATED
2D	2	BP3096	HEX CAP SCREW, 3/8"-16 X 2-1/2", GRADE 5, PLATED
3	2	AM2745	SEALER HANGER MOUNT, FOR SKF HUB
4	2	AM2747	SPACER, SEALPRO BLADE
5	2	AM2748	WASHER, 1-1/2" OD X 25/32" ID X 1/4"
6	2	AM2749	BOLT, MOUNTING, SEALPRO HUB
7	1	AM2750	SEALER ARM, LH, GREASEABLE, 2 POSITION
7A	1	BP3072	GREASE ZERK, 1/4"-28
8	1	AM2751	SEALER ARM, RH, GREASEABLE, 2 POSITION
8A	1	BP3072	GREASE ZERK, 1/4"-28
9	2	AP2216	DECAL, BLU-JET, SMALL, 1-1/2" X 4"
10	2	AP4581	BEARING UNIT, ADH 7546
11	4	BP3041	HEX CAP SCREW, 1/2"-13 X 2", GRADE 5, PLATED
12	8	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
13	8	BP3043	WASHER, LOCK, 1/2", PLATED
14	6	BP3050	WASHER, FLAT, 1/2", PLATED
15	12	BP3150	HEX CAP SCREW, 1/4"-20 X 1", GRADE 5, PLATED
16	2	BP3162	PIN, ROLL, 3/8" X 2", PLATED
17	2	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14GA, PLATED
18	2	BP3313	U-BOLT, 1/2"-13 X 2"W X 2-3/4"L, PLATED
19	12	BP3367	NUT, HEX FLANGE, 1/4"-20, SERRATED, GRADE 2, PLATED
20	2	BP3375	NUT, HEX LOCK, 5/8"-11, NYLOCK

SealPro II (AAM2857) Assembly, Optional Sealer II Spring Add-on Kit 1 Row

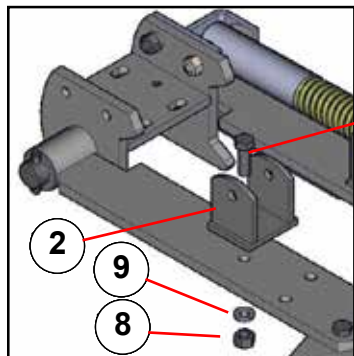


► AAM2857 OPTIONAL SEALPRO II SPRING ADD-ON KIT 1 ROW

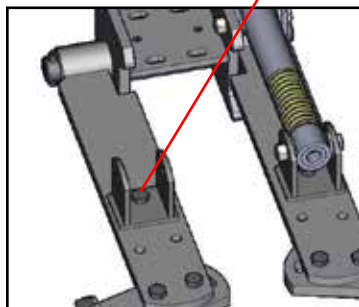
BOM ID	Qty	Item No	Description
1	2	AM2488	CLEVIS, SEALER SPRING, UPPER
2	2	AM2489	CLEVIS, SEALER SPRING, LOWER
3	2	AM2490	TUBE, UPPER SPRING
4	2	AM2491	BUSHING, SPRING COLLAR
5	2	AM2492	TUBE, SPRING GUIDE
6	2	AP2997W	SPRING, 1.75" OD X 1.313" ID X 6.00" OAL
7	2	AP3116	TUBE PLUG
8	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
9	4	BP3043	WASHER, LOCK, 1/2", PLATED
10	8	BP3050	WASHER, FLAT, 1/2", PLATED
11	4	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
12	2	BP3129	HEX CAP SCREW, 1/2"-13 X 3", GRADE 5, PLATED
13	2	BP3130	HEX CAP SCREW, 1/2"-13 X 3-1/2", GRADE 5, PLATED
14	4	BP3244	NUT, HEX LOCK, 1/2"-13, PLATED

SealPro II (AAM2857) Assembly, Optional Sealer II Spring Add-on Kit 1 Row

► Mounting Spring Add-on Kit



NOTE:
(2) (AM2489)
sealer spring
clevis must
be mounted
with the hole
to the front



1. Mount (2) (AM2489) sealer spring clevis lower to arm with clevis hole to the front. Install (11) (BP3126) 1/2" x 1-1/2" grade 5, hex cap screw. Secure with (9) (BP3043) 1/2" lock washer and (8) (BP3042) 1/2" hex nut.

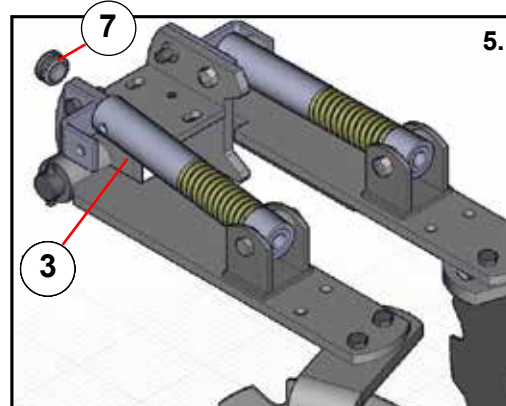
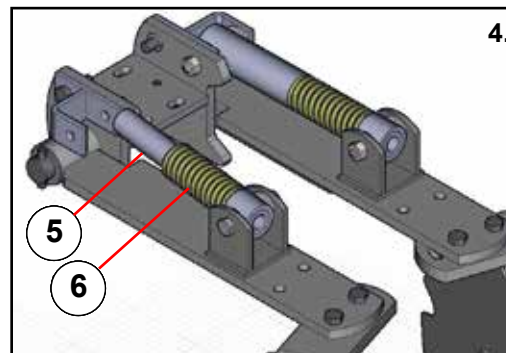
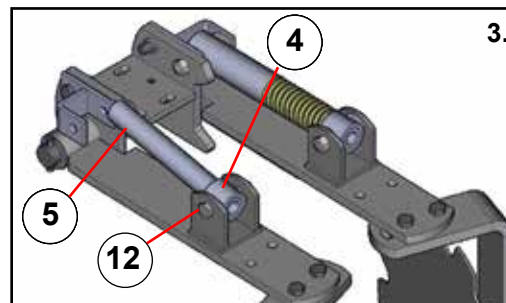
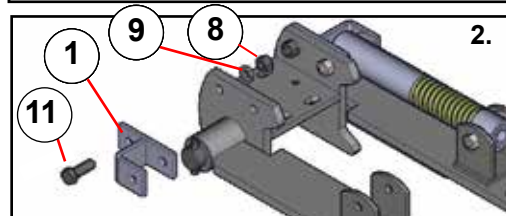
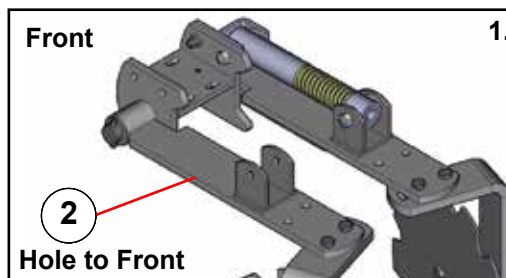
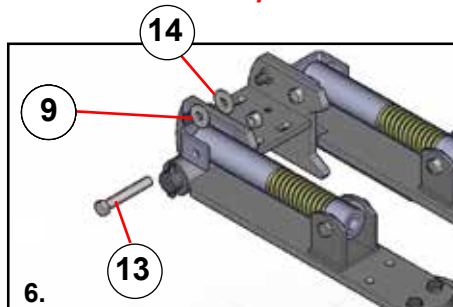
2. Mount (1) (AM2488) upper sealer spring clevis to sealer mounting bracket with (11) (BP3126) 1/2" x 1-1/2" grade 5 hex cap screw. Secure with (9) (BP3043) 1/2" lock washer and (8) (BP3042) 1/2" hex nut.

3. Insert (5) (AM2492) spring guide tube into (4) (AM2491) spring collar bushing and align the holes. Place in lower clevis. Insert (12) (BP3129) 1/2" x 3" hex cap screw through clevis. Place (10) (BP3050) 1/2" flat washers on both sides of bushing. Secure with (14) (BP3244) 1/2" lock hex nut. *Do not over tighten. Allow tubes to pivot.*

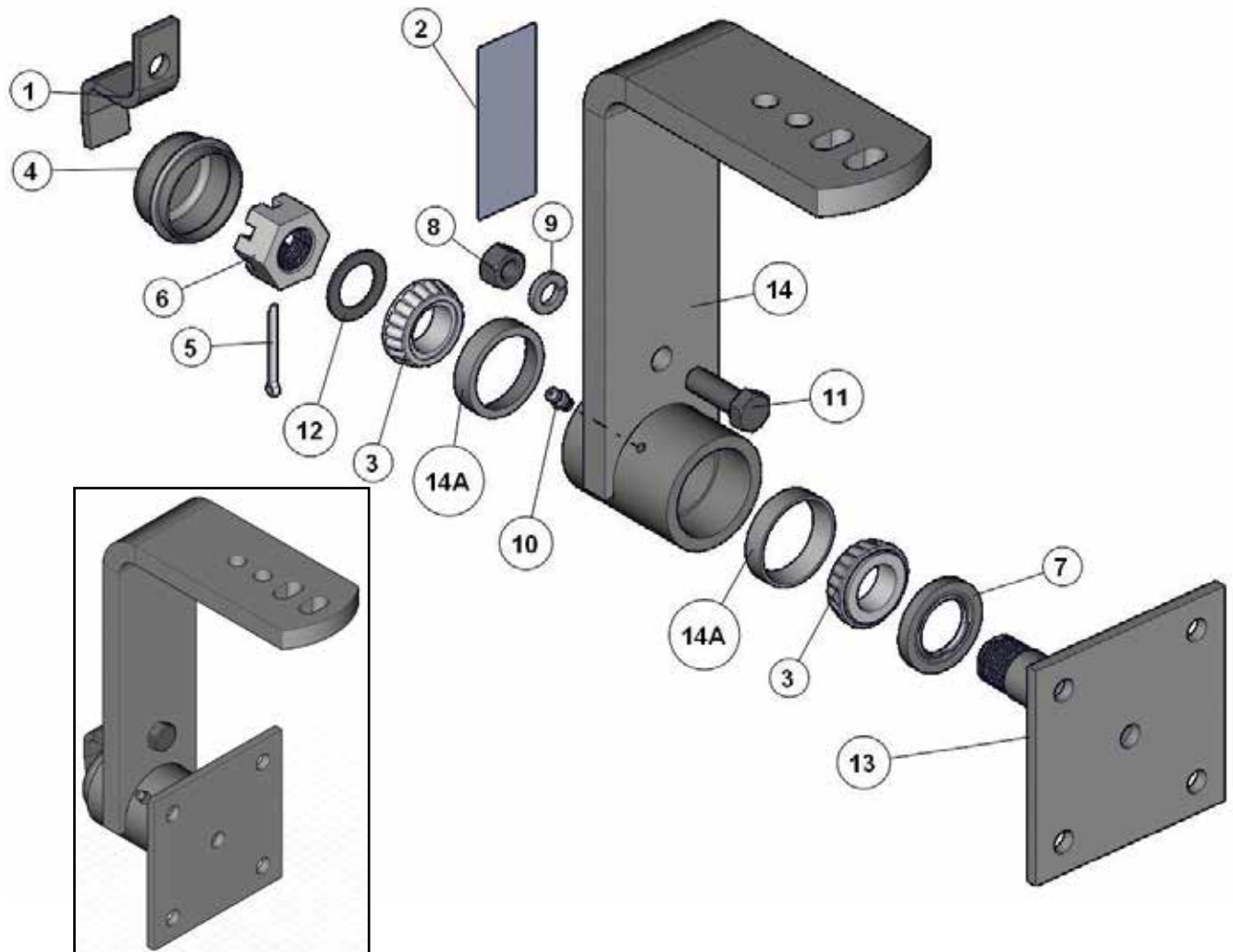
4. Place (6) (AP2997) spring over (5) (AM2492) spring guide tube.

5. Place (3) (AM2490) upper spring tube over spring guide. Insert (7) (AP3116) tube plug in end of upper spring tube.

6. Lower spring assembly into upper clevis and insert (13) (BP3130) 1/2" x 3-1/2" hex cap screw. Place (10) (BP3050) 1/2" flat washers on both sides of upper tube. Secure with (14) (BP3244) 1/2" lock hex nut. *Do not over tighten. Allow tubes to pivot.*



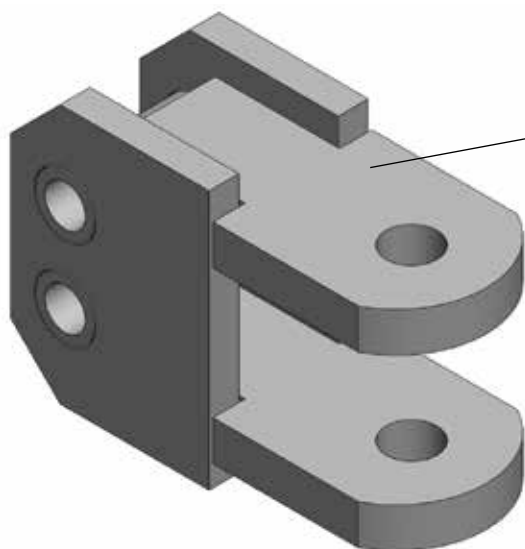
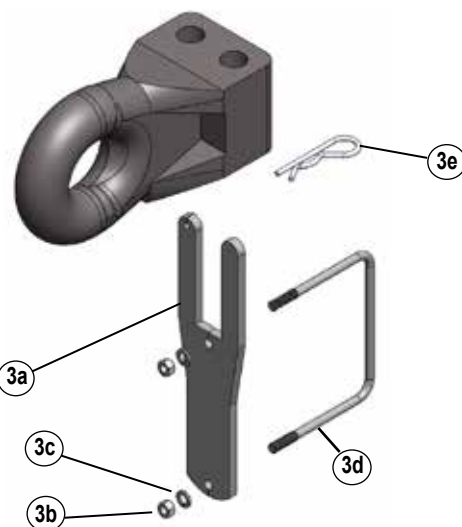
SealPro II (AM2481) Assembly, Sealer Hanger With Blade Mounting



► AAM2481 ASSEMBLY, SEALPRO II HANGER WITH BLADE

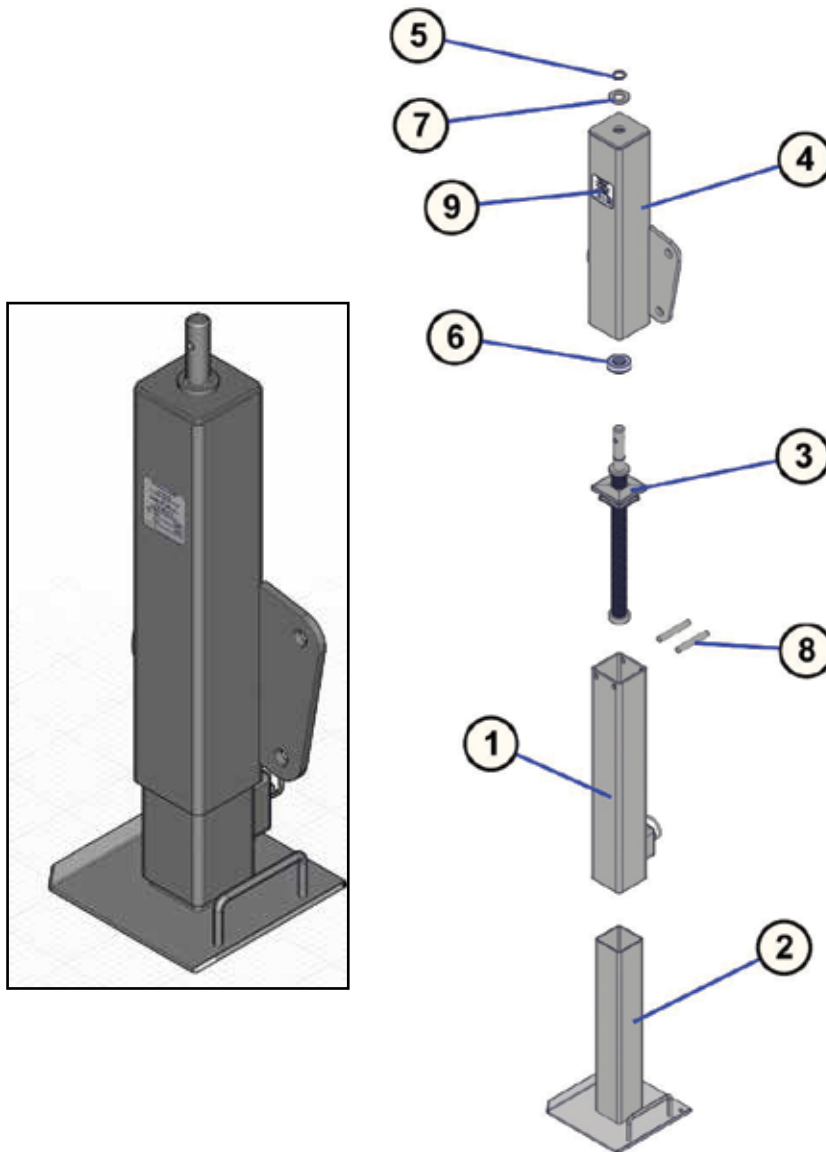
BOM ID	Qty	Item No	Description
1	1	AM2482	HUB CAP RETAINER
2	1	AP2216	DECAL, BLU-JET, SMALL, 1-1/2" X 4"
3	2	AP2377	BEARING CONE, L44649
4	1	AP2380	HUB CAP
5	1	AP2426	PIN, COTTER, 5/32" X 1-3/4"
6	1	AP2811	NUT, SPINDLE, 1"-14
7	1	AP4209	GREASE SEAL, DOUBLE LIP
8	1	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
9	1	BP3043	WASHER, LOCK, 1/2", PLATED
10	1	BP3072	GREASE ZERK, 1/4"-28
11	1	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
12	1	BP3739	MACHINERY BUSHING, 1-1/2" OD X 1" ID X 14 GAUGE
13	1	EM3245	BLADE MOUNTING
14	1	EM3246	SEALER HANGER
14A	2	AP2376	BEARING CUP, L44610

Hitches


1

2
2a

Ref.	Part No.	Req.	Description
1.	AM2144	1	Fabricated Truck Hitch
2.	AP2864	1	Category IV Heat Treated Cast Wheatland Hitch 250-400+ HP 2" Pin
2a.	AP2850	1	Category III Heat Treated Cast Wheatland Hitch 110-250 HP 1-1/2" Pin
Optional			
3.	AAM2424	1	Bracket, Second Hitch Storage
3a.	AM2145	1	Bracket, Hitch Storage
3b.	BP3001	2	Nut, Hex, 3/8"-16 Grade. 2 Plated.
3c.	BP3002	2	Washer, Lock, 3/8", Plated.
3d.	BP3045	1	U-bolt, 3/8"-16 x 6"x 5", Plated.
3e.	BP3500	1	Pin, Hair Clip, 3/16"

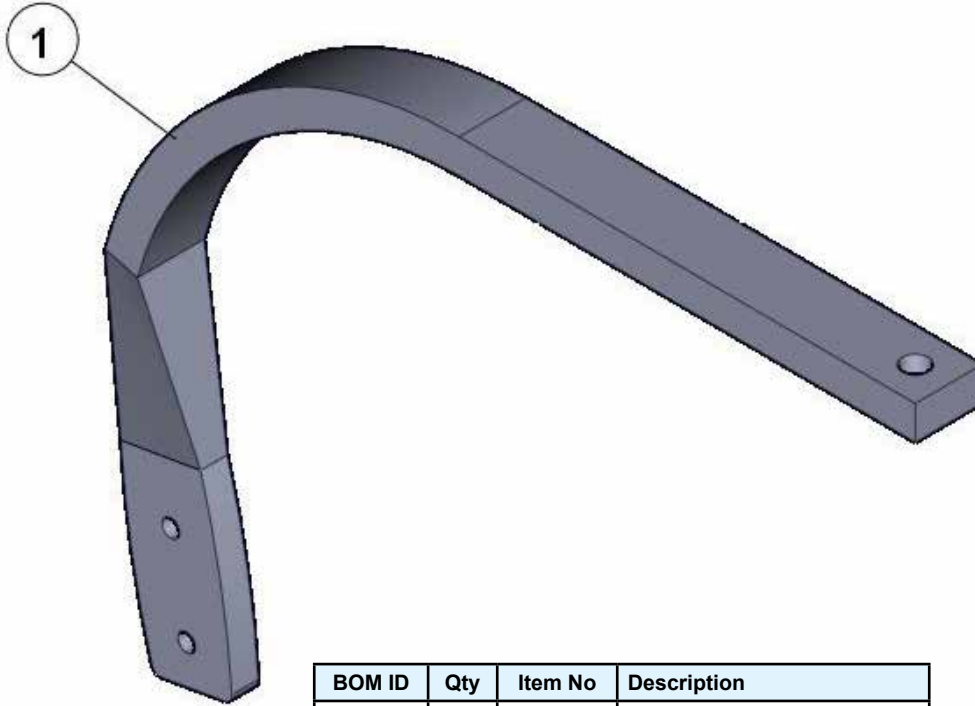
AM2518 Top Wind Drop Leg Jack



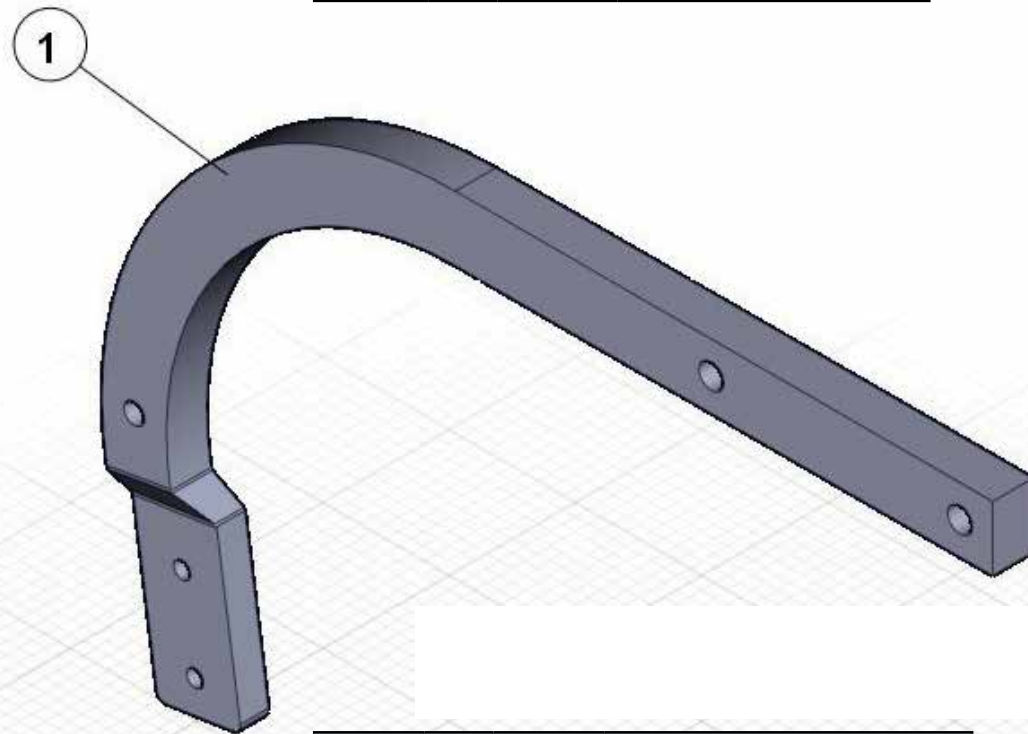
► AM2518 JACK, 9TWDL (TOP WIND DROP LEG)

BOM ID	Qty	Item No	Description
1	1	AM2524	INTERMEDIATE TUBE WITH PLUNGER ASSEMBLY
2	1	AM2525	DROP LEG WITH PAD & HANDLE
3	1	AM2534	SCREW ASSEMBLY
3A	1	EM1736	BEARING SEAT
4	1	AM2539	TOP TUBE WITH BOLT ON MOUNTING
5	1	AP2407	SNAP RING, 1" EXTERNAL, HEAVY DUTY
6	1	AP2410	THRUST BEARING, NICE 609
7	1	EM1736	BEARING SEAT
8	2	EM1739	ROD
9	1	EM3016	9000# LABEL

Shanks



BOM ID	Qty	Item No	Description
1	1	AP2063	SHANK, 1" X 2" FLAT



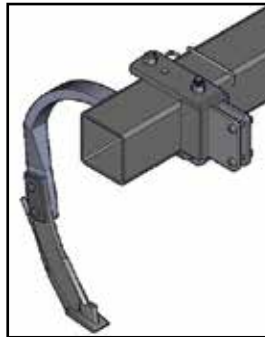
BOM ID	Qty	Item No	Description
1	1	AP2125	SHANK, 1-1/4" X 2" EDGE BENT

► AAM2131 1" x 2" Rigid With Shank & Coulter Mount 6" x 6"

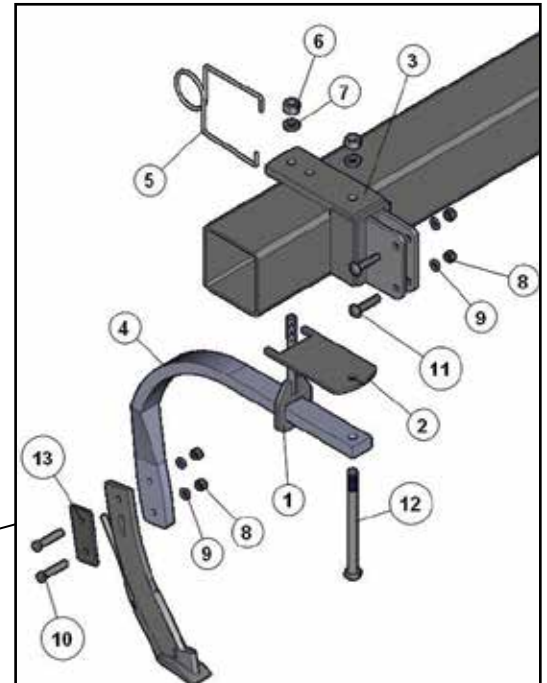
BOM ID	Qty	Item No	Description
1	1	AM2148	CLAMP, SQUARE HOLE, 6" MOUNTING
2	1	AM2188	BACKING PLATE
3	1	AM2742	BRACKET, UNIVERSAL COULTER, 6" VERTICAL MOUNTING
4	1	AP2063	SHANK, 1" X 2" FLAT
5	1	AP2283	HOSE RETAINER, 6" X 6"
6	2	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
7	2	BP3035	WASHER, LOCK, 3/4", PLATED
8	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
9	4	BP3043	WASHER, LOCK, 1/2", PLATED
10	2	BP3128	HEX CAP SCREW, 1/2"-13 X 2-1/2", GRADE 5, PLATED
11	2	BP3229	BOLT, CARRIAGE, 1/2"-13 X 2-1/2", GRADE 5, PLATED
12	1	BP3578	HEX CAP SCREW, 3/4"-10 X 9-1/2", GRADE 5, PLATED
13	1	CM2311	KNIFE WASHER



6 "x 6" Hose Retainer, (AP2283-1) Place at each shank to secure coiled length of 3/8" EVA hose as shown.

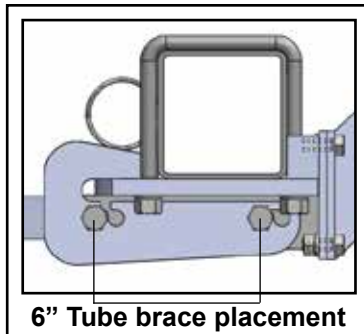
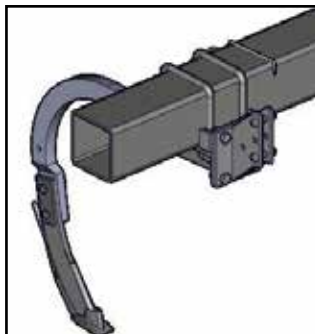


NOTE:
No threads
in shear
area

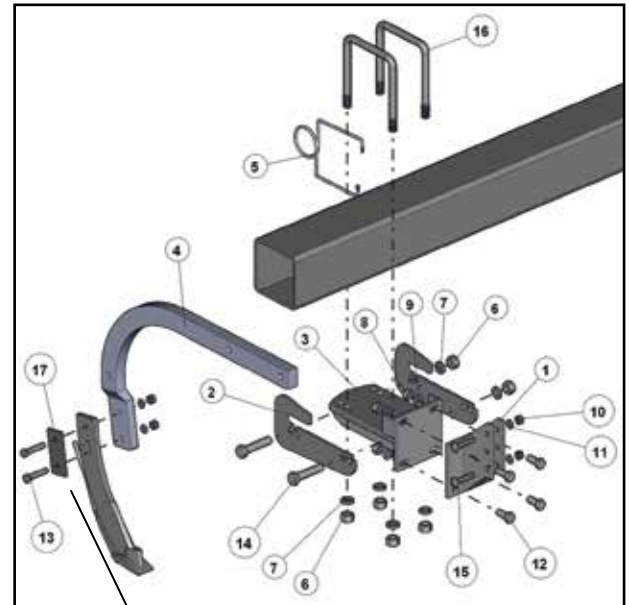


► AAM2132 Edge Bent With Shank & Coulter Mount 6" x 6"

BOM ID	Qty	Item No	Description
1	1	AM2699	BRACKET, SPRING BUNDLE FLATBACK
2	2	AM4891	BRACE, ANTI-ROTATION, EDGE BENT SHANK BRACKET
3	1	AM4893	BRACKET, EDGE BENT SHANK, RIGID MOUNT
4	1	AP2125	SHANK, 1-1/4" X 2" EDGE BENT
5	1	AP2283-1	HOSE RETAINER, 6" X 6"
6	6	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
7	6	BP3035	WASHER, LOCK, 3/4", PLATED
8	4	BP3038	NUT, HEX, 5/8"-11, GRADE 2
9	4	BP3039	WASHER, LOCK, 5/8", PLATED
10	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
11	4	BP3043	WASHER, LOCK, 1/2", PLATED
12	4	BP3097	HEX CAP SCREW, 5/8"-11 X 1-1/2", GRADED 5, PLATED
13	2	BP3128	HEX CAP SCREW, 1/2"-13 X 2-1/2", GRADE 5, PLATED
14	2	BP3142	HEX CAP SCREW, 3/4"-10 X 3-1/2", GRADE 5, PLATED
15	2	BP3229	BOLT, CARRIAGE, 1/2"-13 X 2-1/2", GRADE 5, PLATED
16	2	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
17	1	CM2311	KNIFE WASHER



6" Tube brace placement



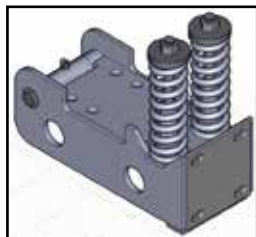
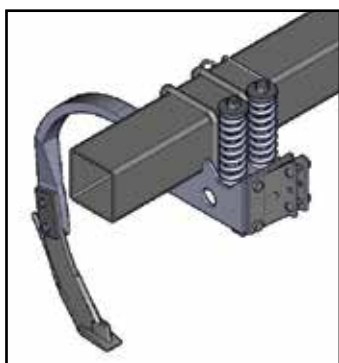
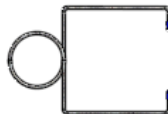
NOTE:
No threads
in shear
area

AAM2133 1" x 2" SCS With Shank & Couler

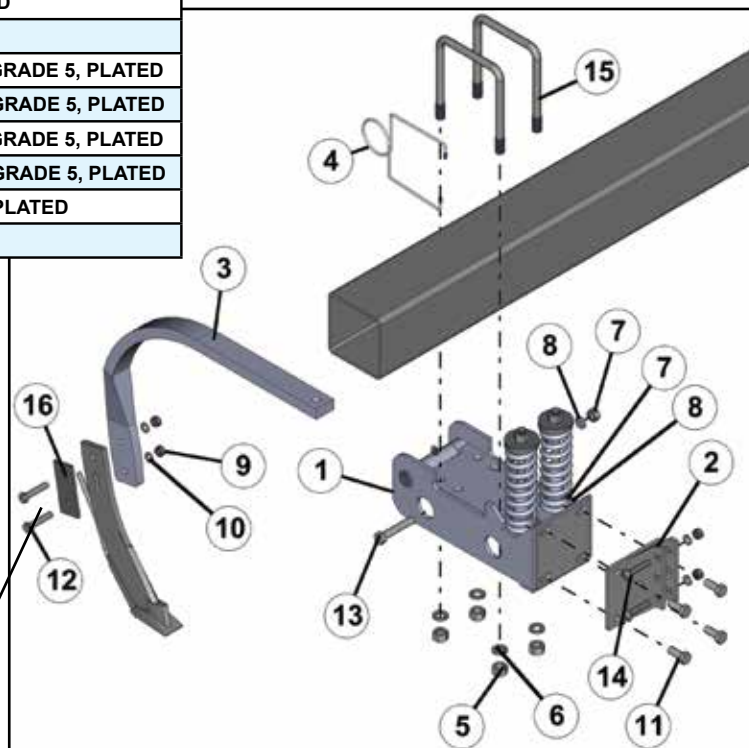
► AAM2133 Row Clamp 1" x 2" SCS With Shank & Couler Mount 6" x 6"

BOM ID	Qty	Item No	Description
1	1	AM2189	ASSEMBLY, SPRING BUNDLE, 1 X 2 SHANK
2	1	AM2699	BRACKET, SPRING BUNDLE FLATBACK, 4" X 6"
3	1	AP2063	SHANK, 1" X 2" FLAT
4	1	AP2283-1	HOSE RETAINER, 6" X 6"
5	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
6	4	BP3035	WASHER, LOCK, 3/4", PLATED
7	5	BP3038	NUT, HEX, 5/8"-11, GRADE 2
8	5	BP3039	WASHER, LOCK, 5/8", PLATED
9	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
10	4	BP3043	WASHER, LOCK, 1/2", PLATED
11	4	BP3097	HEX CAP SCREW, 5/8"-11 X 1-1/2", GRADE 5, PLATED
12	2	BP3128	HEX CAP SCREW, 1/2"-13 X 2-1/2", GRADE 5, PLATED
13	1	BP3135	HEX CAP SCREW, 5/8"-11 X 3-1/2", GRADE 5, PLATED
14	2	BP3229	BOLT, CARRIAGE, 1/2"-13 X 2-1/2", GRADE 5, PLATED
15	2	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
16	1	CM2311	KNIFE WASHER

6" x 6" Hose Retainer, (AP2283-1) Place at each shank to secure coiled length of 3/8" EVA hose as shown.

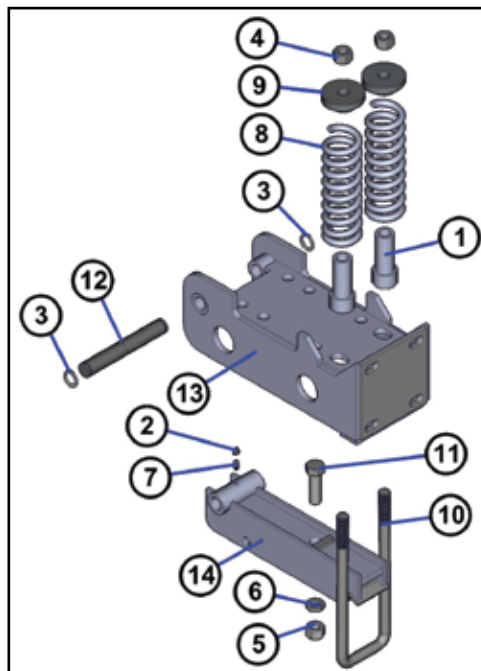


NOTE:
No threads
in shear
area



► AM2189 Assembly, Spring Bundle, 1" x 2" Shank

BOM ID	Qty	Item No	Description
1	2	AM2156	SPRING SLEEVE
2	1	AP2166	CAPPLUG, GC-5 GREASE ZERK
3	2	AP2407	SNAP RING, 1" EXTERNAL, HEAVY DUTY
4	2	BP3027	NUT, HEX LOCK, 3/4"-10, GRADE 2, PLATED
5	1	BP3034	NUT, HEX, 3/4"-10, GRD 2, PLATED
6	1	BP3035	WASHER, LOCK, 3/4", PLATED
7	1	BP3072	GREASE ZERK, 1/4"-28
8	2	BP3104	SPRING, 2.64" OD X 8.625" OAL, .4375" WIRE DIAMETER
9	2	BP3105-1	SPRING PLUG
10	1	BP3106	U-BOLT, 3/4"-10 X 3-1/4"W X 11-3/4"L
11	1	BP3140	HEX CAP SCREW, 3/4"-10 X 2-1/2", GRADE 5, PLATED
12	1	EM2959	PIVOT PIN, 1" X 6-13/16"
13	1	EM2978	SPRING BUNDLE BASE
14	1	EM3074	INSERT, 1 X 2 SHANK

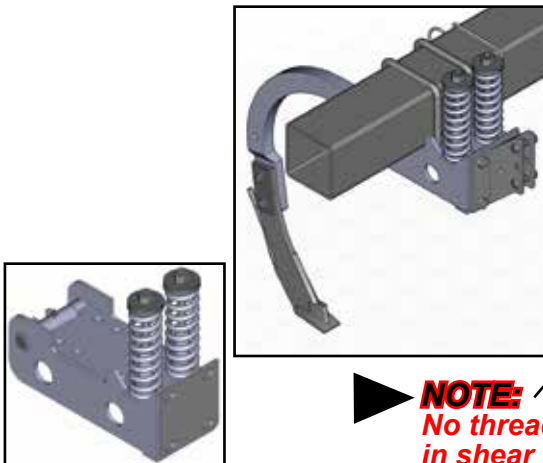
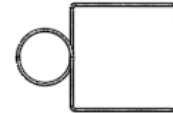


AAM2134 1-1/4" SCS With Shank & Coultter

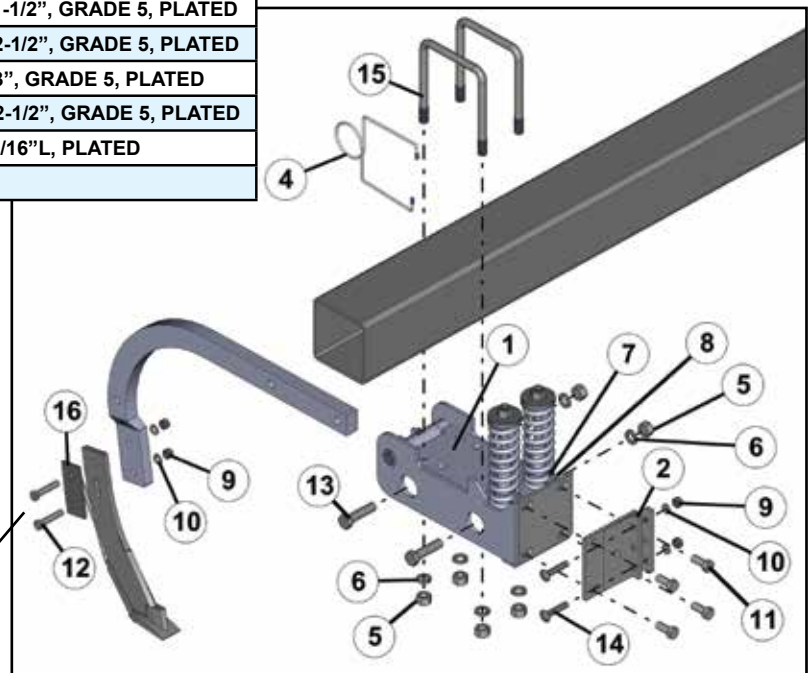
► AAM2134 Row Clamp 1-1/4" Edge Bent SCS With Shank & Coultter Mount 6" x 6"

BOM ID	Qty	Item No	Description
1	1	AM2155	ASSEMBLY, SPRING BUNDLE, EDGE BENT SHANK
2	1	AM2699	BRACKET, SPRING BUNDLE FLATBACK
3	1	AP2125	SHANK, 1-1/4" X 2" EDGE BENT
4	1	AP2283-1	HOSE RETAINER, 6" X 6"
5	6	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
6	6	BP3035	WASHER, LOCK, 3/4", PLATED
7	4	BP3038	NUT, HEX, 5/8"-11, GRADE 2
8	4	BP3039	WASHER, LOCK, 5/8", PLATED
9	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
10	4	BP3043	WASHER, LOCK, 1/2", PLATED
11	4	BP3097	HEX CAP SCREW, 5/8"-11 X 1-1/2", GRADE 5, PLATED
12	2	BP3128	HEX CAP SCREW, 1/2"-13 X 2-1/2", GRADE 5, PLATED
13	2	BP3141	HEX CAP SCREW, 3/4"-10 X 3", GRADE 5, PLATED
14	2	BP3229	BOLT, CARRIAGE, 1/2"-13 X 2-1/2", GRADE 5, PLATED
15	2	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
16	1	CM2311	KNIFE WASHER

6" x 6" Hose Retainer, (AP2283-1) Place at each shank to secure coiled length of 3/8" EVA hose as shown.

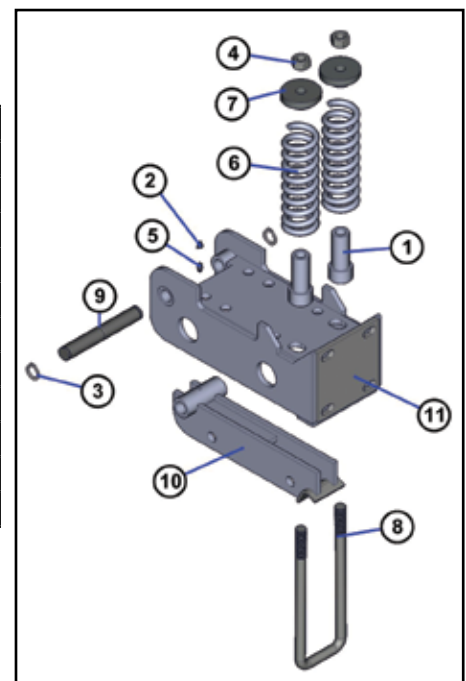


NOTE:
No threads
in shear
area

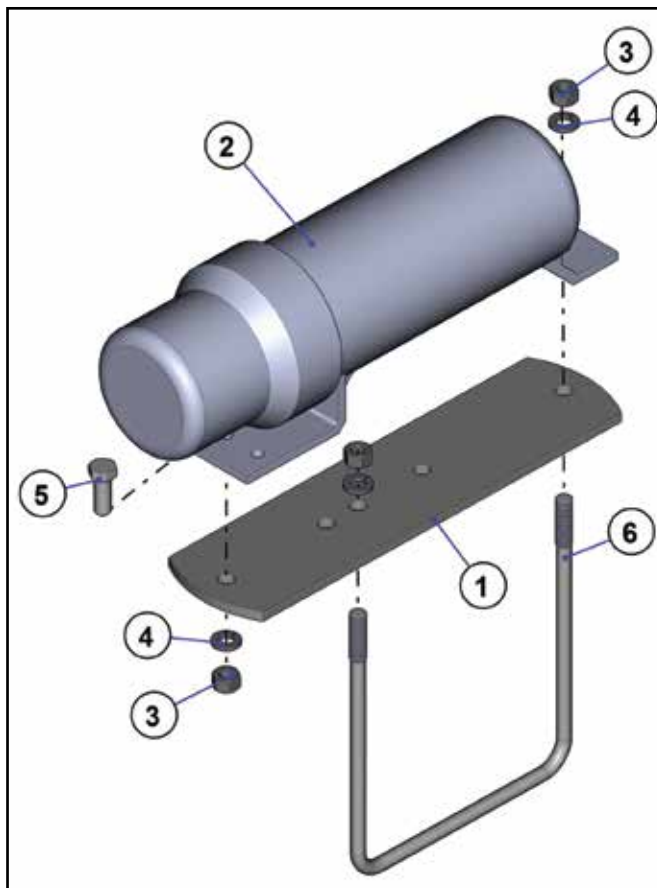


► AM2155 Assembly, Spring Bundle, Edge Bent Shank

BOM ID	Qty	Item No	Description
1	2	AM2156	SPRING SLEEVE
2	1	AP2166	CAPPLUG, GC-5 GREASE ZERK
3	2	AP2407	SNAP RING, 1" EXTERNAL, HEAVY DUTY
4	2	BP3027	NUT, HEX LOCK, 3/4"-10, GRADE 2, PLATED
5	1	BP3072	GREASE ZERK, 1/4"-28
6	2	BP3104	SPRING, 2.64" OD X 8.625" OAL, .4375" WIRE DIAMETER
7	2	BP3105-1	SPRING PLUG
8	1	BP3106	U-BOLT, 3/4"-10 X 3-1/4"W X 11-3/4"L
9	1	EM2959	PIVOT PIN, 1" X 6-13/16"
10	1	EM2977	INSERT, EDGE BENT SHANK
11	1	EM2978	SPRING BUNDLE BASE

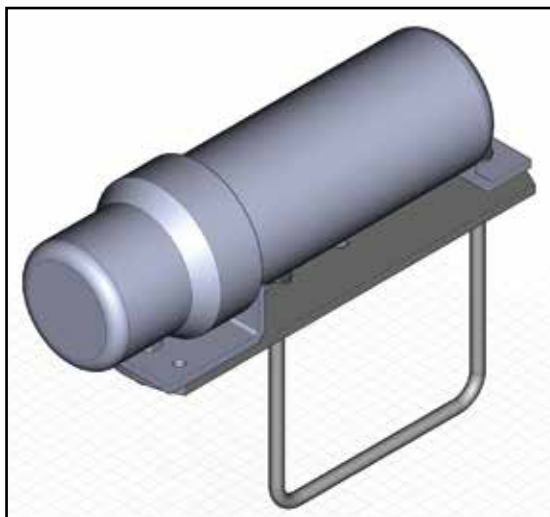


Manual Holder

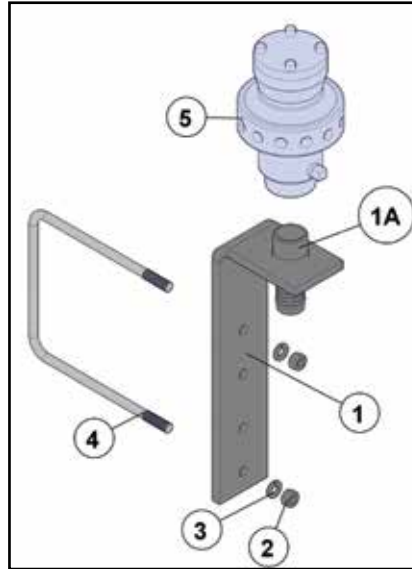


► **AAM2640 MANUAL HOLDER WITH 6" X 6" MOUNTING**

BOM ID	Qty	Item No	Description
1	1	AM7640	BRACKET, MOUNTING, MANUAL HOLDER
2	1	AP4254	MANUAL HOLDER
3	3	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
4	3	BP3002	WASHER, LOCK, 3/8", PLATED
5	1	BP3006	HEX CAP SCREW, 3/8"-16 X 1", GRADE 5, PLATED
6	1	BP3351	U-BOLT, 3/8"-16 X 6"W X 7"L, PLATED

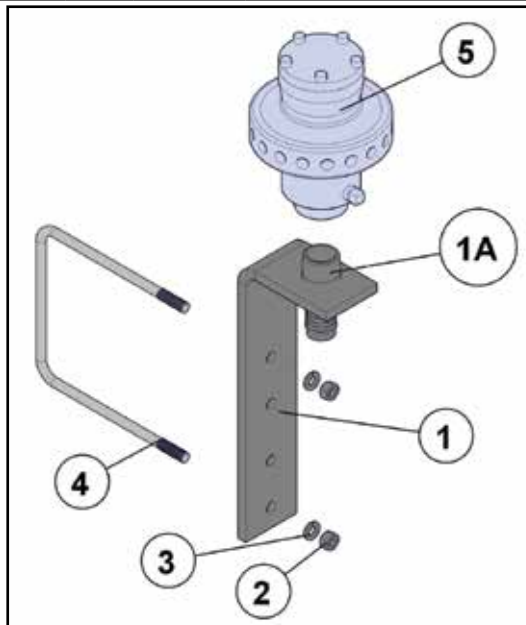


Impellicone and Mounting Hardware



► **AAM2635 IMPELLICONE 13 PORT, MOUNT & HARDWARE, 6" X 6"**

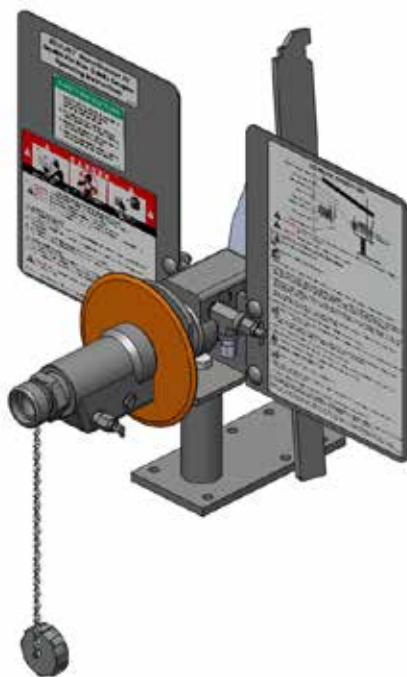
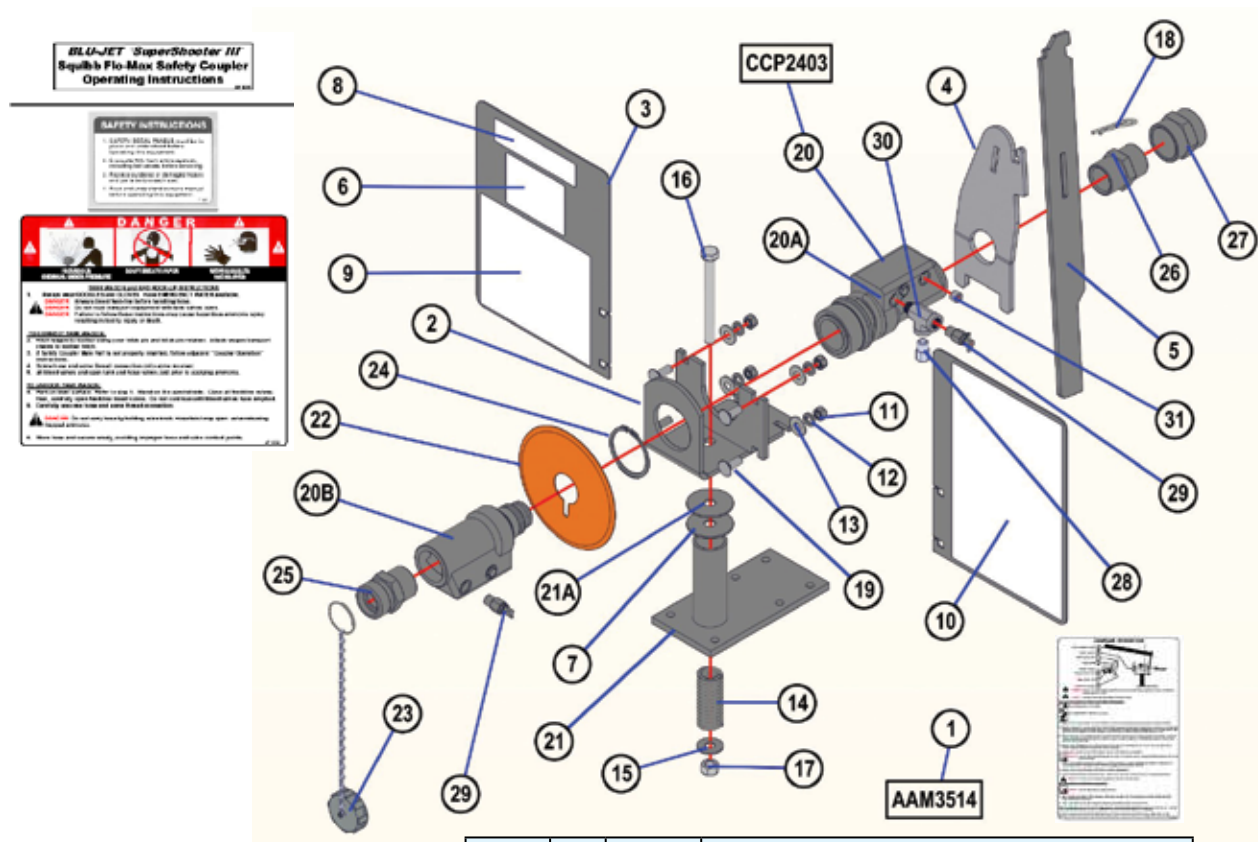
BOM ID	Qty	Item No	Description
1	1	AM7639	BRACKET, IMPELLICONE MOUNT
1A	1	CP2310	1" HOSE BARB
2	2	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
3	2	BP3002	WASHER, LOCK, 3/8", PLATED
4	1	BP3351	U-BOLT, 3/8"-16 X 6"W X 7"L
5	1	CP2564	IMPELLICONE, 13 PORT



► **AAM2636 IMPELLICONE 18 PORT, MOUNT & HARDWARE, 6" X 6"**

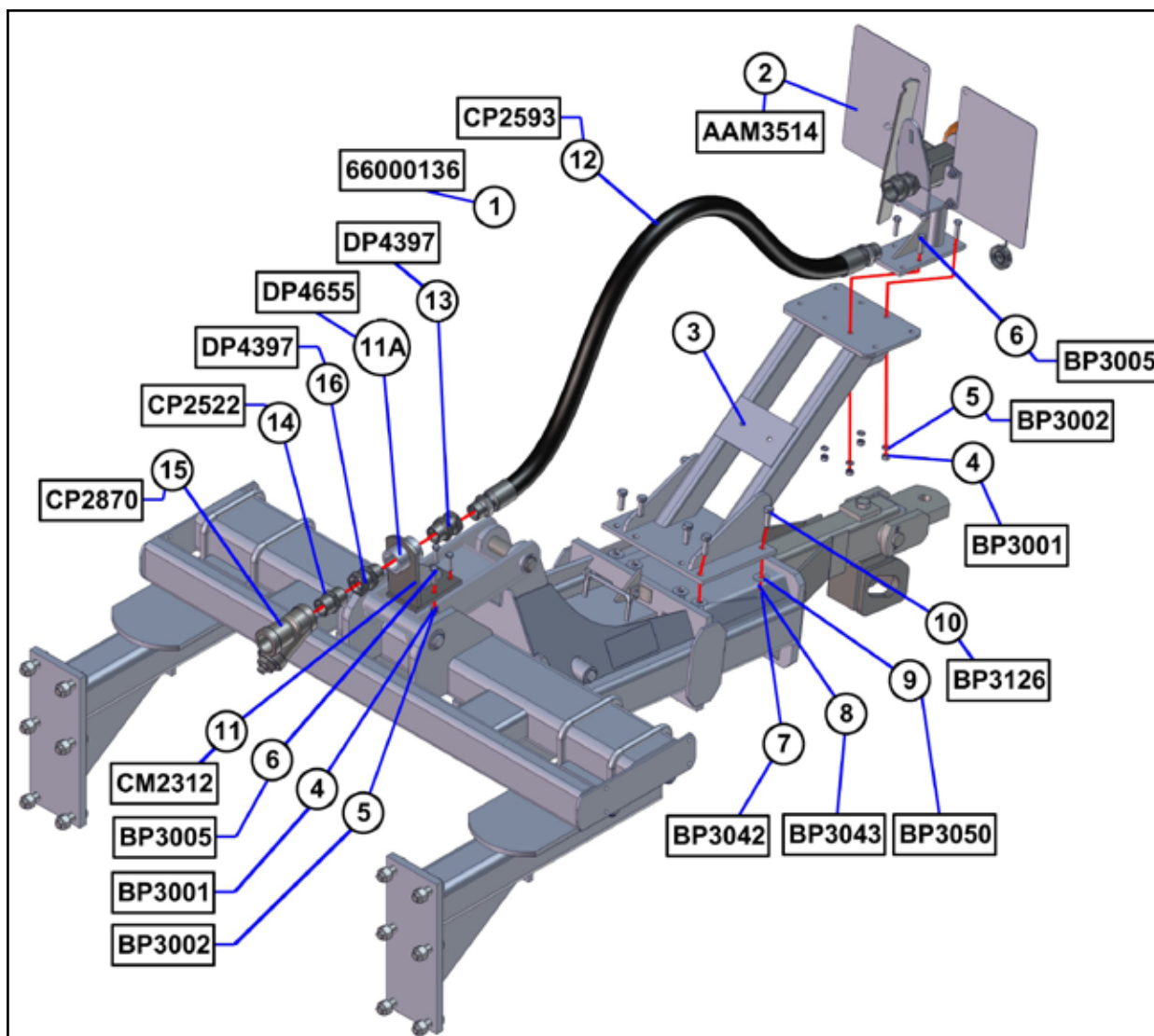
BOM ID	Qty	Item No	Description
1	1	AM7639	BRACKET, IMPELLICONE MOUNT
1A	1	CP2310	1" HOSE BARB
2	2	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
3	2	BP3002	WASHER, LOCK, 3/8", PLATED
4	1	BP3351	U-BOLT, 3/8"-16 X 6"W X 7"L
5	1	CP2565	IMPELLICONE, 18 PORT

SuperShooter III Parts AAM3514



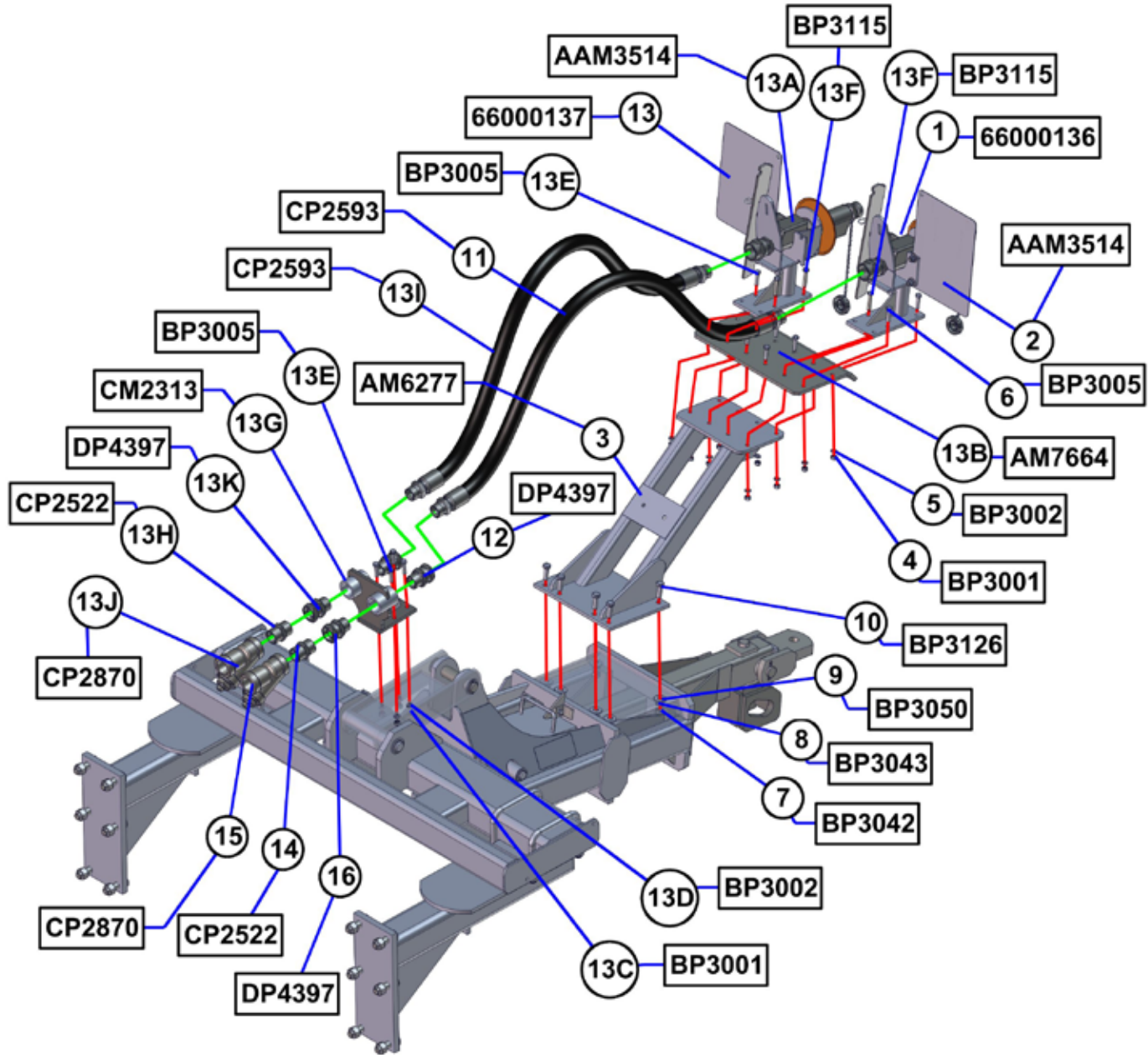
BOM ID	Qty	Item No	Description
1	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
2	1	AM7634	VALVE MOUNTING, SUPERSHOOTER III
3	2	AM7635	DECAL PLATE, SUPER SHOOTER III
4	1	AM7660	COUPLER RELEASE PLATE, SUPERSHOOTER III
5	1	AM7661	COUPLER RELEASE HANDLE
6	1	AP2227	DECAL, SAFETY INSTRUCTION, NH3
7	1	AP2418	SPRING RETAINER WASHER
8	1	AP2972	DECAL, BLU-JET SUPER SHOOTER III
9	1	AP2973	DECAL, SUPERSHOOTERS III, HOOK-UP INSTRUCTIONS
10	1	AP2974	DECAL, SUPERSHOOTER III, SQUIBB COUPLER OPERATION
11	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
12	4	BP3002	WASHER, LOCK, 3/8", PLATED
13	4	BP3015	WASHER, FLAT, 3/8", PLATED
14	1	BP3084	SUPERSHOOTER SPRING
15	1	BP3087	WASHER, FLAT, 7/16, PLATED
16	1	BP3130	HEX CAP SCREW, 1/2"-13 X 3-1/2", GRADE 5, PLATED
17	1	BP3244	NUT, HEX LOCK, 1/2"-13, PLATED
18	1	BP3504	PIN, HAIRCLIP, 1/8"
19	4	BP3701	BOLT, CARRIAGE, 3/8" - 16 X 1", GRADE 5, PLATED
20	1	CCP2403	QUICK COUPLER SET, SQUIBB-TAYLOR, FM125-1000
20A	1	CP2405	QUICK COUPLER, SQUIBB, FEMALE, FM125-1100
20B	1	CP2406	QUICK COUPLER, SQUIBB, MALE, FM125-1200
21	1	CM2225	SUPERSHOOTER PEDESTAL
21A	1	AP2418	SPRING RETAINER WASHER
22	1	CM2249	BODY GUARD, SUPERSHOOTER III
23	1	CP2401	DUST CAP, CHAIN AND SNAP RING
24	1	CP2416	SNAP RING, 1-1/4" QUICK COUPLER
25	1	CP2423	ADAPTER 1-1/4" MPT X 1-3/4" ACME
26	1	CP2522	NIPPLE, HEX, 1-1/4" NPT, 3000 PSI TRIVALENT
27	1	CP2566	COUPLING, 1-1/4" FPT, PLATED
28	1	CP2837	VALVE, PRESSURE RELIEF, 250 PSI, A3184
29	2	CP2838	VALVE, BLEEDER, 104851-01
30	1	DP4081	STREET TEE, 5602-04
31	1	DP4657	PLUG, 1/4" NPT, STAINLESS STEEL

SuperShooter III Parts 66000136 Single Assembly, Less Distribution



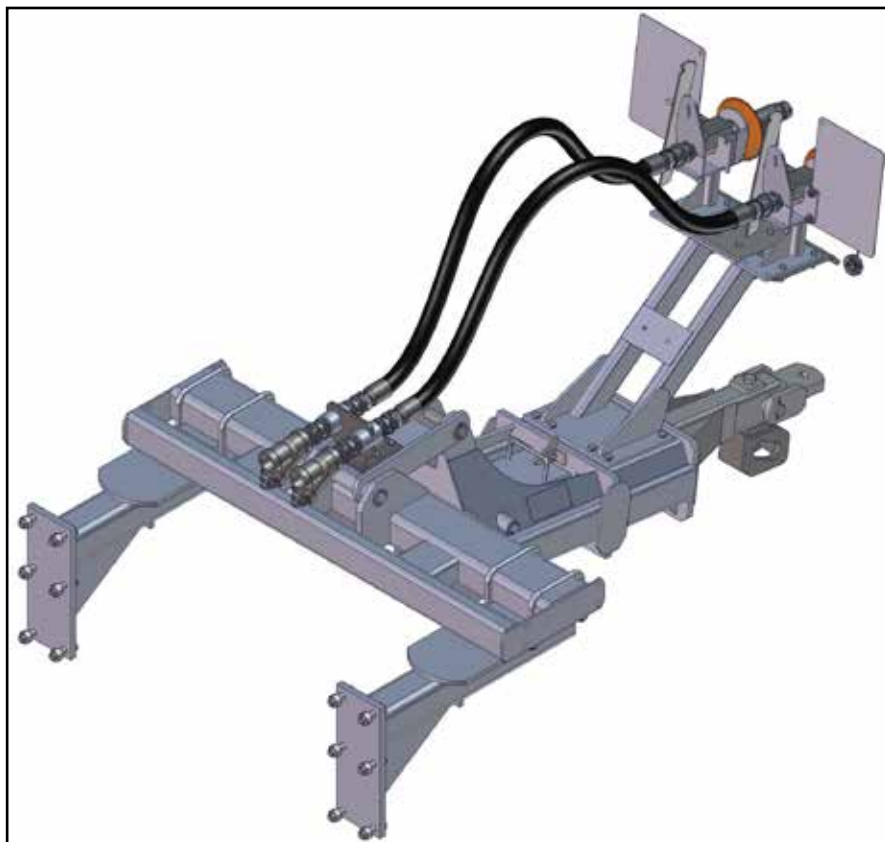
BOM ID	Qty	Item No	Description
1	1	66000136	SUPERSHOOTER III SINGLE ASSEMBLY, LESS DISTRIBUTION
2	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
3	1	AM6277	SUPERSHOOTER RISER, AUTO-LOK HITCH
4	8	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
5	8	BP3002	WASHER, LOCK, 3/8", PLATED
6	8	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
7	6	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
8	6	BP3043	WASHER, LOCK, 1/2", PLATED
9	6	BP3050	WASHER, FLAT, 1/2", PLATED
10	6	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
11	1	CM2312	BRACKET, COUPLER, SINGLE, 1-1/4" NPT
11A	1	DP4655	COUPLING, 1-1/4" PIPE, FORGED STEEL, CLASS 3000
12	1	CP2593	HOSE, NH3, 1-1/4" X 64"
13	1	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
14	1	CP2522	NIPPLE, HEX, 1- 1/4" NPT, 3000 PSI TRIVALENT
15	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
16	1	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP

SuperShooter III Add-on Parts Dual Assembly 66000137 and 66000136

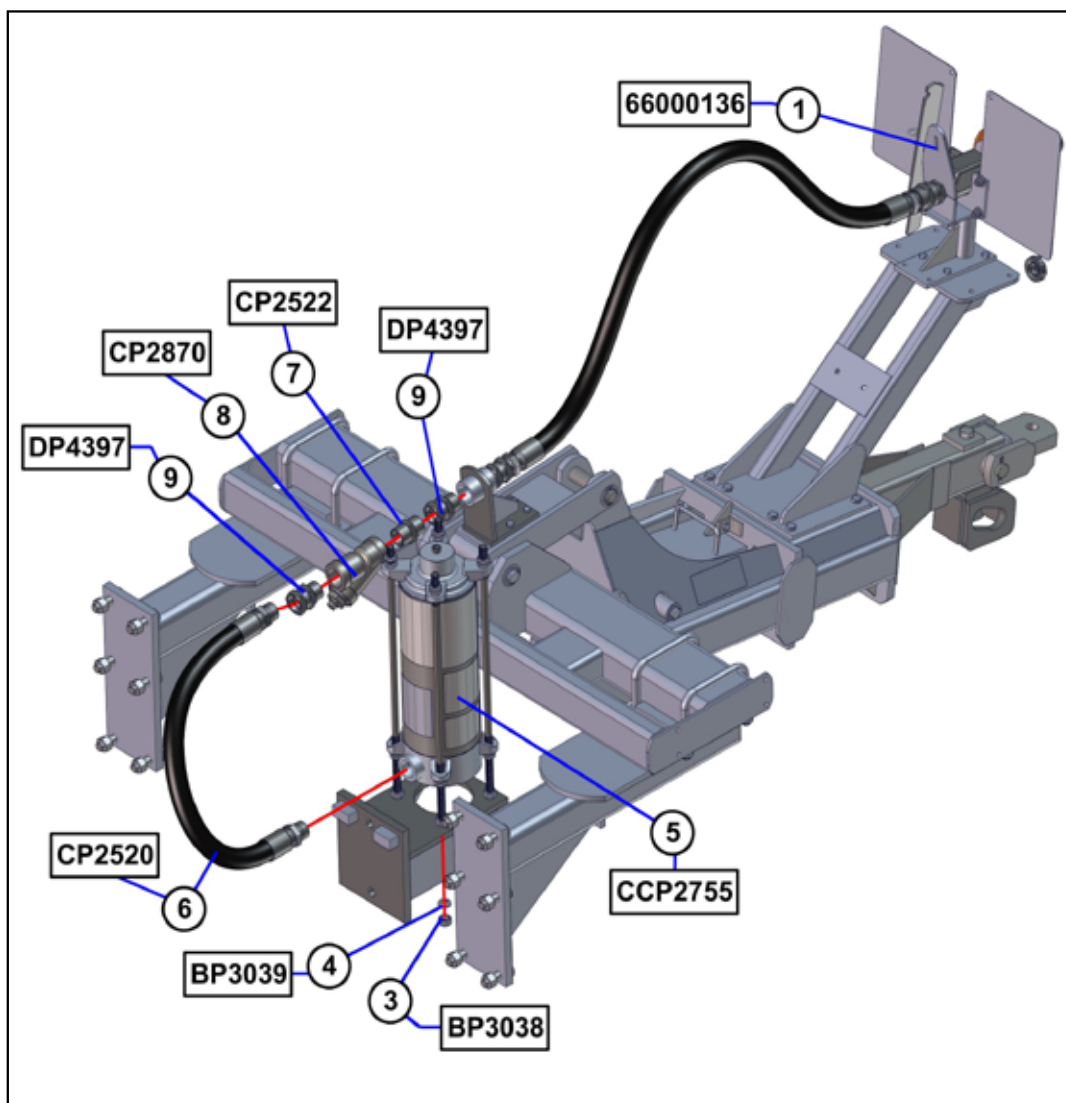


SuperShooter III Add-on Parts Dual Assembly 66000137 and 66000136

BOM ID	Qty	Item No	Description
1	1	66000136	SUPERSHOOTER III SINGLE ASSY, LESS DISTRIBUTION
2	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
3	1	AM6277	SUPERSHOOTER RISER, AUTO-LOK HITCH
4	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
5	4	BP3002	WASHER, LOCK, 3/8", PLATED
6	4	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
7	6	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
8	6	BP3043	WASHER, LOCK, 1/2", PLATED
9	6	BP3050	WASHER, FLAT, 1/2", PLATED
10	6	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
11	1	CP2593	HOSE, NH3, 1-1/4" X 64"
12	1	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
13	1	66000137	DUAL SUPRSHTR III ADD-ON ASSEMBLY, W/HARDWARE & 64" HOSE
13A	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
13B	1	AM7664	MOUNTING PLATE, DOUBLE SUPERSHOOTER
13C	12	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
13D	12	BP3002	WASHER, LOCK, 3/8", PLATED
13E	8	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
13F	4	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
13G	1	CM2313	BRACKET, COUPLER, DOUBLE, 1-1/4" NPT
13H	1	CP2522	NIPPLE, HEX, 1- 1/4" NPT, 3000 PSI TRIVALENT
13I	1	CP2593	HOSE, NH3, 1-1/4" X 64"
13J	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
13K	2	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
14	1	CP2522	NIPPLE, HEX, 1- 1/2" NPT, 3000 PSI TRIVALENT
15	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
16	1	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP

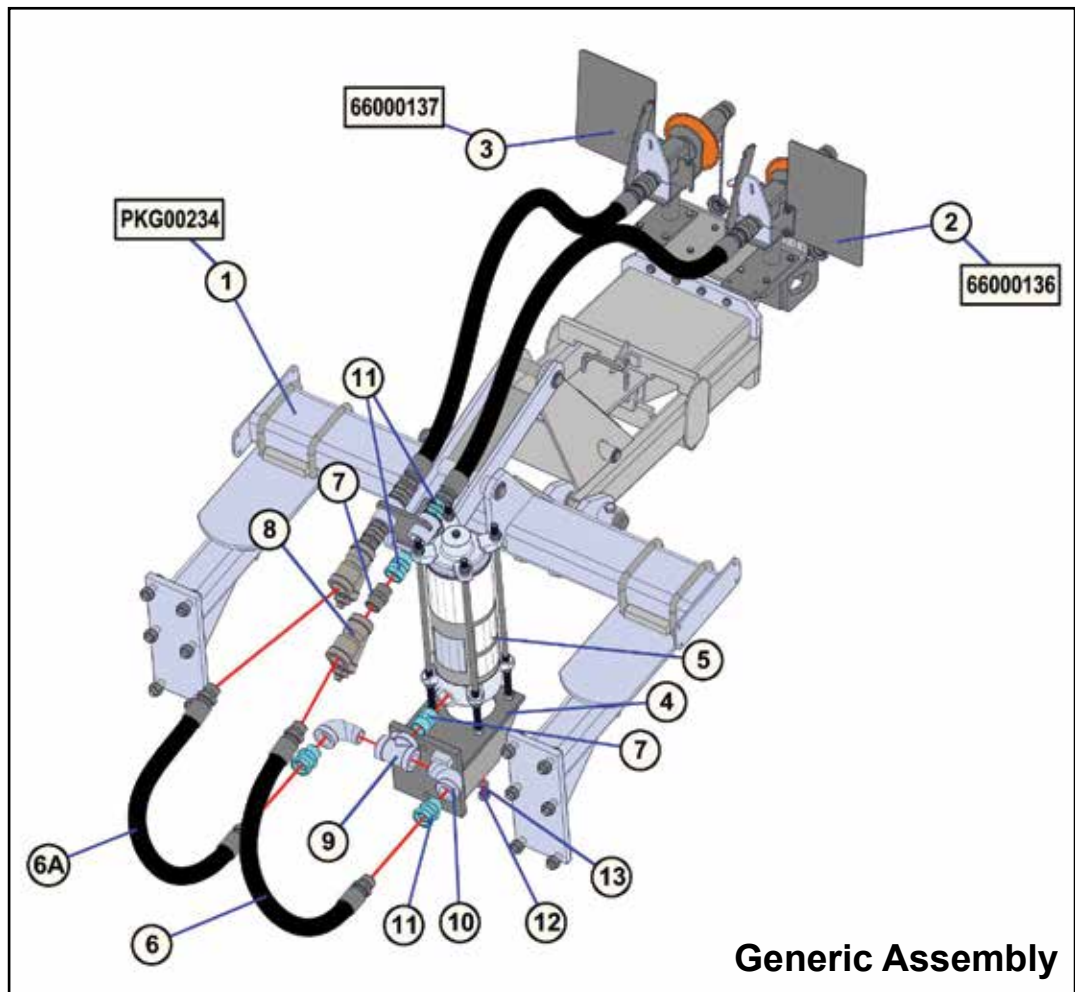


SuperShooter III Add-on Parts 66000136 Single Assembly With GDI



BOM ID	Qty	Item No	Description
1	1	66000136	SUPERSHOOTER III SINGLE ASSEMBLY, LESS DISTRIBUTION
2	1	AM4553	HEAT EXCHANGER MOUNTING, AT5000
3	8	BP3038	NUT, HEX, 5/8"-11, GRADE 2
4	4	BP3039	WASHER, LOCK, 5/8", PLATED
5	1	CCP2755	HEAT EXCHANGER ASSEMBLY, GDI 200A
6	1	CP2520	HOSE, NH3, 1-1/4" X 36"
7	1	CP2522	NIPPLE, HEX, 1- 1/4" NPT, 3000 PSI TRIVALENT
8	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
9	2	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP

SuperShooter III Add-on Parts Dual Assembly



Generic Assembly

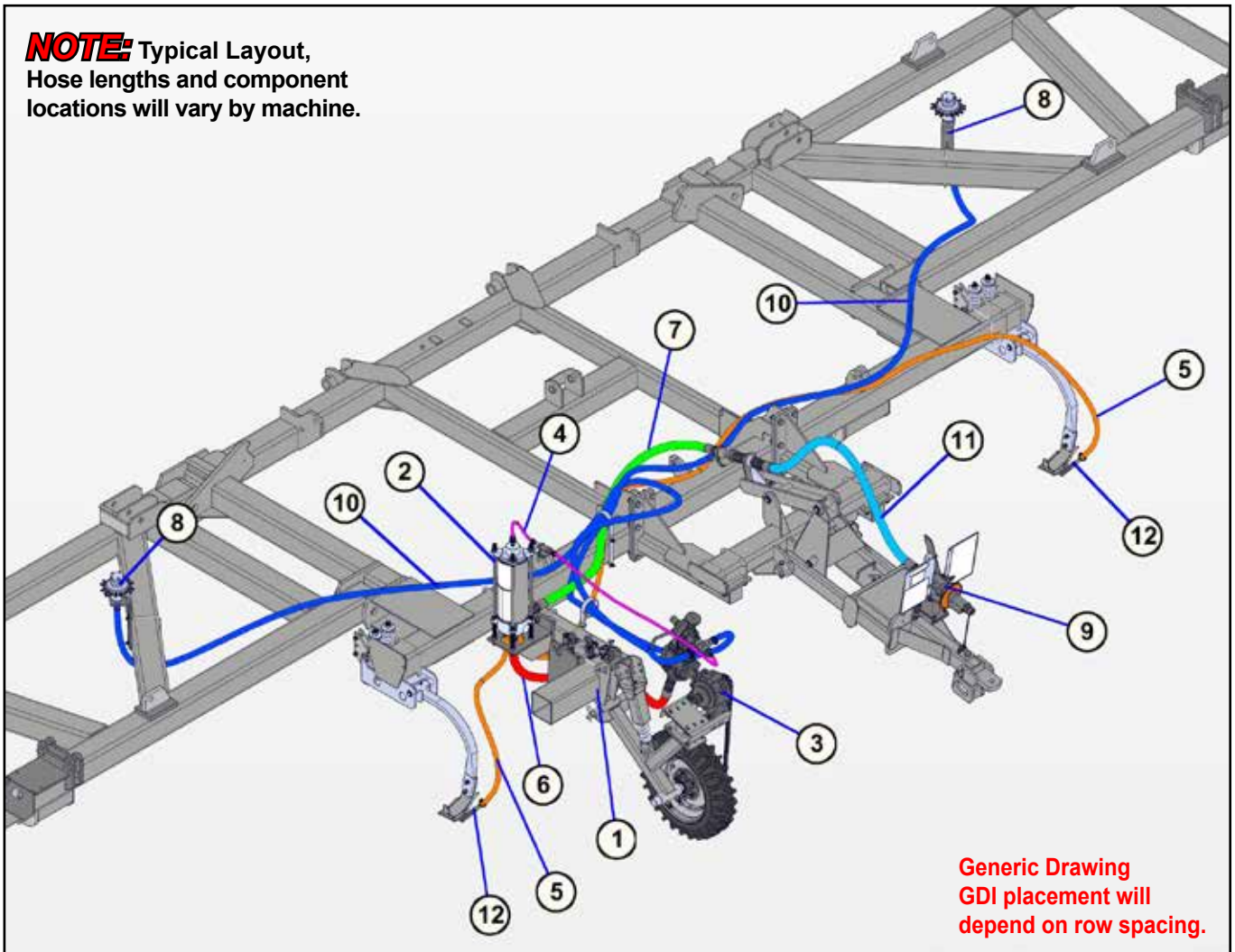
BOM ID	Qty	Item No	Description
1	1	PKG00234	NURSE TANK HITCH ASSEMBLY
2	1	66000136	SUPERSHOOTER III SINGLE ASSEMBLY
3	1	66000137	DUAL SUPRSHOOTER III ADD-ON ASSEMBLY, HARDWARE & HOSE
4	1	AM4553	HEAT EXCHANGER MOUNTING
5	1	CCP2755	HEAT EXCHANGER ASSEMBLY
6	1	CP2520	HOSE, NH3, 1-1/4" X 36"
6A	1	CP2520	HOSE, NH3, 1-1/4" X 36"
7	2	CP2522	NIPPLE, HEX, 1-1/4" NPT, 3000 PSI
8	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
9	1	DP4037	TEE, 1-1/4"
10	2	DP4041	ELBOW, STREET, 1-1/4" EXTRA HEAVY
11	4	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
12	8	BP3038	NUT, HEX, 5/8"-11, GRADE 2
13	4	BP3039	WASHER, LOCK, 5/8", PLATED

GDI 200 With Pump Distribution (Rear Mount) Parts (Bundle 20200119)

BOM ID	Qty	Item No	Description
1	1	55000171	KIT, HEAT EXCHANGER, REAR OF FRAME MOUNT
2	1	AAM2089	ASSEMBLY, SPRING ADJUSTER
3	1	AAM2707	ASSEMBLY, HUB & SPINDLE, 511 HUB, 1-3/4" X 13"
4	1	AAM2750	WHEEL 5.00-15.4, 4 PLY 15 X 5 X 5, WHITE, 4 HOLE
5	1	AM2021	ADAPTER PLATE & HUB
6	1	AM2165	BRACKET, ROTARY TENSION ARM MOUNT
7	1	AM2180	UNIVERSAL PUMP MOUNTING PLATE
8	1	AM2181	GROUND DRIVE WHEEL FRAME
9	1	AM3326	BRACKET, PUMP EXTENSION
10	1	AM4856	BRACKET, MOUNTING, 6"
11	1	AP2190	SPROCKET, 5060 X, WITH HUB, 1" ROUND BORE, 1/4" KEYWAY
12	1	CCP2755	HEAT EXCHANGER ASSEMBLY
13	1	CCP2756	PUMP AND VALVE ASSEMBLY
14	1	PKG00012	PACKAGE, LARGE HARDWARE FOR 20200090
14A	1	AP2382	SPROCKET, IDLER, 15T #50 CHAIN, WITH CLEVIS ADAPTER
14B	2	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
14C	2	BP3035	WASHER, LOCK, 3/4", PLATED
14D	1	BP3070	PIN, 3/4" X 2"
14E	1	BP3239	TENSIONER, RT1002
14F	1	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
14G	1	BP3502	PIN, 3/4" X 4-1/2"
14H	1	BP3510	PIN, 1" X 10", PLATED
14I	1	CM2248	CHAIN, ROLLER, #50, 128 PITCH
14J	2	CP2310	1" HOSE BARB
14K	1	CP2474	REDUCER BUSHING 1" MP X 1/4" FP,
14L	1	CP2479	PLUG, SQUARE HEAD, 3/4" NPT
14M	1	CP2480	PLUG, 1"
14N	1	CP2522	NIPPLE, HEX, 1-1/4" NPT, 3000 PSI TRIVALENT
14O	1	CP2870	STRAINER, NH3, 1-1/4" FPT, 20 MESH, CONTINENTAL
14P	2	CP2874	HOSE BARB, 1/2" X 3/4"
14Q	1	CP2875	ELBOW, STREET, 1-1/4" NPT 45 DEGREE
14R	2	CP5043	KNIFE VAPOR TUBE 3/4" HOSE, WELD-ON
14S	1	DP3999	CROSS 1" FORGED
14T	1	DP4034	NIPPLE, CLASE, 1"EXTRA HEAVY
14U	6	DP4086	CABLE TIE 11-3/8"
14V	6	DP4296	CABLE TIE 33"
14W	2	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
15	1	PKG00011	PACKAGE, SMALL HARDWARE FOR 20200090
15A	1	AP2103	CONNECTOR LINK #50 CHAIN
15AA	1	AP2103-BAR	CONNECTOR LINK #50 CHAIN
15AB	1	AP2103-CONNECTOR	CONNECTOR LINK #50 CHAIN
15AC	1	AP2103-LINK	CONNECTOR LINK #50 CHAIN
15B	1	BM3527	1/4" X 1/4" X 1" KEY
15C	11	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
15D	12	BP3002	WASHER, LOCK, 3/8", PLATED
15E	3	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
15F	16	BP3015	WASHER, FLAT, 3/8"
15G	8	BP3038	NUT, HEX, 5/8"-11, GRADE 2
15H	4	BP3039	WASHER, LOCK, 5/8", PLATED
15I	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
15J	4	BP3043	WASHER, LOCK, 1/2", PLATED
15K	8	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
15L	1	BP3116	HEX CAP SCREW, 3/8"-16 X 3, GRADE 5, PLATED
15M	4	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
15N	3	BP3500	PIN, HAIR CLIP, 3/16"
15O	2	CP2313	HOSE CLAMP, WORM GEAR, 1/4"- 5/8" TUBING, STAINLESS STEEL
15P	6	CP2314	HOSE CLAMP, WORM GEAR, 1/2"- 1" TUBING, STAINLESS STEEL
16	1	PKG00025	PACKAGE, ORIFACE FITTING HARDWARE
16A	1	CP2541	ORIFICE PLATE #4916-63 JET STREAM
16B	1	CP2545	ORIFICE PLATE #4916-95 JET STREAM
16C	1	CP2557	ORIFICE PLATE #4916-35 JET STREAM
16D	1	CP5044	NOZZLE BODY, STEEL
16E	1	CP5045	NUT, SPRAY TIP
16F	1	CP5046	HOSE BARB INSERT, 3/8", STAINLESS STEEL
17	1	CCM2325	1/4" Y-STRAINER
17A	1	AM3338	BRACKET, ORIFICE STRAINER MOUNT
17B	3	CP2308	HOSE BARB
17C	2	CP2313	HOSE CLAMP, WORM GEAR, 1/4"- 5/8" TUBING, STAINLESS STEEL
17D	1	CP2441	NIPPLE, 1/4" MP, STAINLESS STEEL
17E	1	CP2463	STRAINER, NH3, 1/4" FPT, 60 MESH, KECKLEY STYLE B
17F	1	CP2464	PLUG, 3/8" MP
18	1	CP25009	HOSE, EVA, 3/8" X 8'
19	2	CP25025	HOSE, EVA, 3/4" X 14'-8" (CP2515 CUT 2 EA.@14'-8")
20	2	CP2895	HOSE, NH3, 1-1/4" NPT X 60" HIGH PRESSURE CRIMP
21	1	CP3001	HOSE, EVA, 1" REINFORCED X 180" with TIE & TAG

GDI 200 Pump Distribution (Rear Mount) Parts (Bundle 20200119)

NOTE: Typical Layout,
Hose lengths and component
locations will vary by machine.



Generic Drawing
GDI placement will
depend on row spacing.

BOM ID	Qty	Item No	Description
1	1		GDI 200, REAR MOUNT, 6" X 6" FRAME
2	1	CCP2755	HEAT EXCHANGER ASSEMBLY, GDI 200A
3	1	CCP2756	GDI 200A, PUMP AND VALVE ASSEMBLY
4	1	CP25009	HOSE, EVA, 3/8" 8 FT LONG
5	2	CP2515	HOSE, EVA, 3/4"
6	1	CP2593	HOSE , NH3, 1-1/4" NPT X 64" HIGH PRESSURE CRIMP
7	1	CP2594	HOSE , NH3, 1-1/4" NPT X 84" HIGH PRESSURE CRIMP
8	2	AM2636	IMPELLICONE 18 PORT, WITH MOUNT & HARDWARE, 6" X 6"
9	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
10	2	CP2521	HOSE, EVA, 1" REINFORCED
11	1	CP2593	HOSE , NH3, 1-1/4" NPT X 64" HIGH PRESSURE CRIMP
12	2	CP5043	KNIFE VAPOR TUBE 3/4" HOSE, WELD-ON

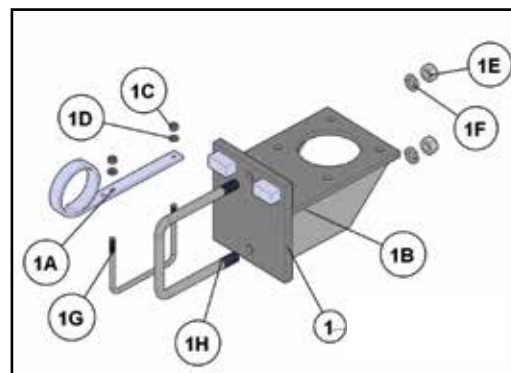
NOTE: The following sub-assemblies in this manual are specific to Bundle **20200119** for 6" X 6" frame rear mounts. Other bundles are available for your specific frame size with a majority of parts in common.
20200090 for 6" X 6" mid-frame mount.
20200070 for 4" X 6" front mount. Alternate part numbers will be listed where necessary.

GDI 200 With Pump Distribution (Rear Mount) Parts and Assembly (Bundle 20200119)

Ref. Part No. Required. Description

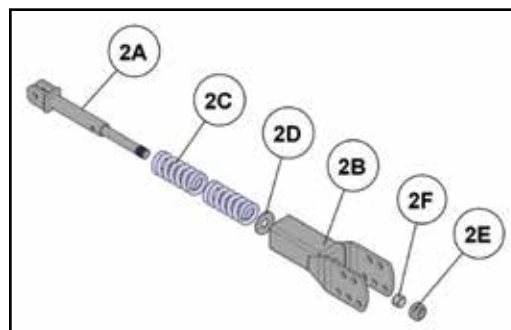
1. 550001711 Kit Heat Exchanger, Rear

BOM ID	Qty	Item No	Description
1	1	55000171	KIT, HEAT EXCHANGER, REAR OF FRAME MOUNT
1A	1	AM4015	HOSE RETAINER, CLOSED LOOP, 6" & 7" MOUNTING
1B	1	AM4553	HEAT EXCHANGER MOUNTING
1C	2	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
1D	2	BP3002	WASHER, LOCK, 3/8", PLATED
1E	2	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
1F	2	BP3035	WASHER, LOCK, 3/4", PLATED
1G	1	BP3045	U-BOLT, 3/8"-16 X 6"W X 5"L
1H	1	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED



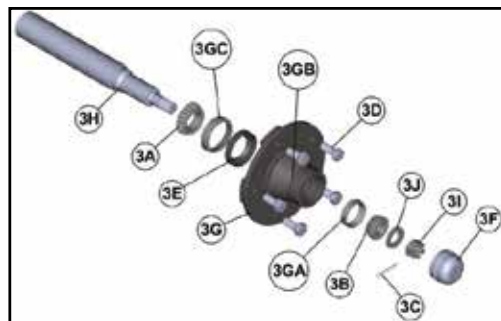
2. AAM20891 Spring Adjuster Assembly

BOM ID	Qty	Item No	Description
2A	1	AM2191	CLEVIS SPRING ADJUSTER
2B	1	AM2192	SPRING CANISTER, GROUND DRIVE WHEEL
2C	2	AP2881	SPRING, 2.472" OD X 5.875" OAL, .468" WIRE DIAMETER
2D	1	BP3028	WASHER, FLAT, 1", PLATED
2E	1	BP3223	NUT, HEX LOCK, 1"-8
2F	1	BP3572	TENSION BUSHING, 1-1/4" X 1" X 3/4" OAL



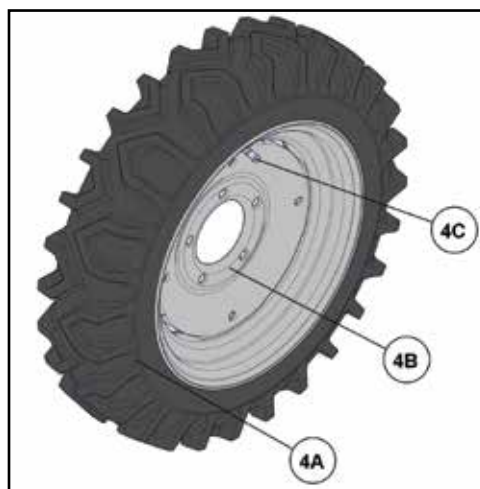
3. AAM27071 Hub & Spindle Assembly

BOM ID	Qty	Item No	Description
3A	1	AP2023	BEARING CONE, LM 67048
3B	1	AP2024	BEARING CONE, LM 11949
3C	1	AP2029	PIN, COTTER, 5/32" X 1-1/2"
3D	5	AP2049	WHEEL BOLT, 1/2"-20 X 1"
3E	1	AP2052	GREASE SEAL, CR 14974
3F	1	AP2053	HUB CAP, 1524
3G	1	AP2124	HUB WITH CUPS, 5 BOLT, 511300-5
3GA	1	AP2075	BEARING CUP, LM 11910
3GB	1	HUB	HUB, 5 BOLT, 5.5" BOLT CIRCLE, 4" PILOT
3GC	1	AP2524	BEARING CUP, LM 67010
3H	1	AP2169	SPINDLE, 1-3/4" X 13", S7151-H-00
3I	1	AP2704	NUT, SPINDLE, 3/4"-16
3J	1	AP2705	WASHER, SPINDLE, 1-1/2" X 13/16" X .134"

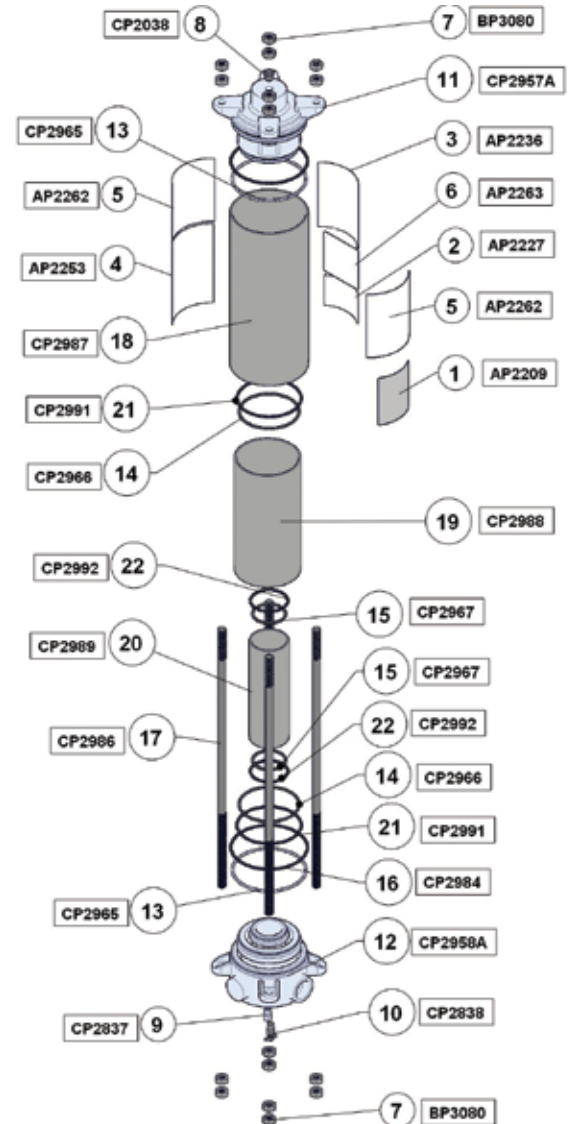
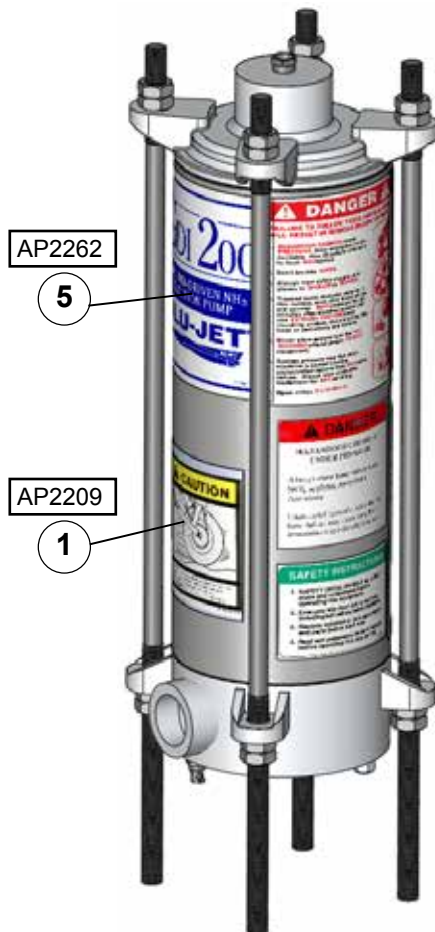
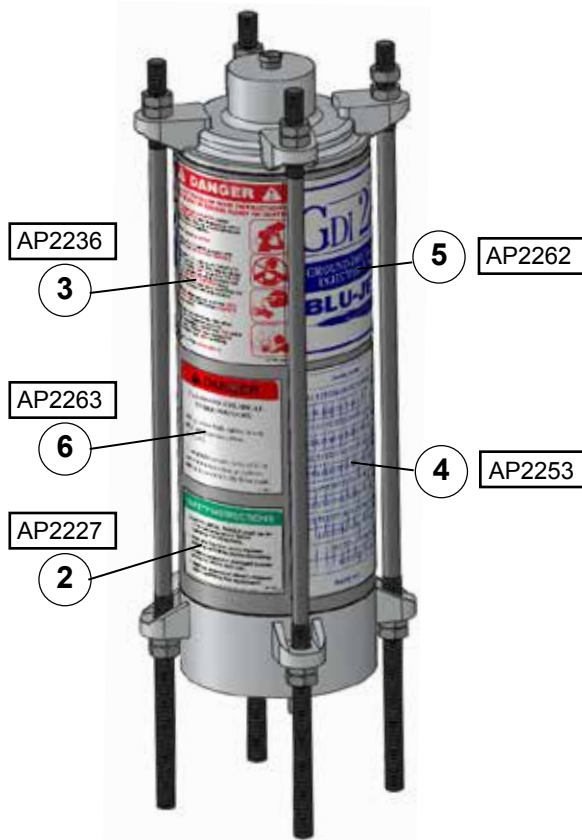


4. AAM2750 1 Wheel 5.00 -15 4 Ply 15 x 5 x 5 White 4 hole

BOM ID	Qty	Item No	Description
4A	1	AP2002	TIRE, 5.00-15, 4 PLY SURE GRIP TRACTION
4B	1	AP2250	RIM, 15 X 5 X 5, WHITE WITH FOUR EXTRA HOLES
4C	1	AP2790	VALVE STEM, METAL



Parts List & Assembly For CCP2755 NH₃ Heat Exchanger



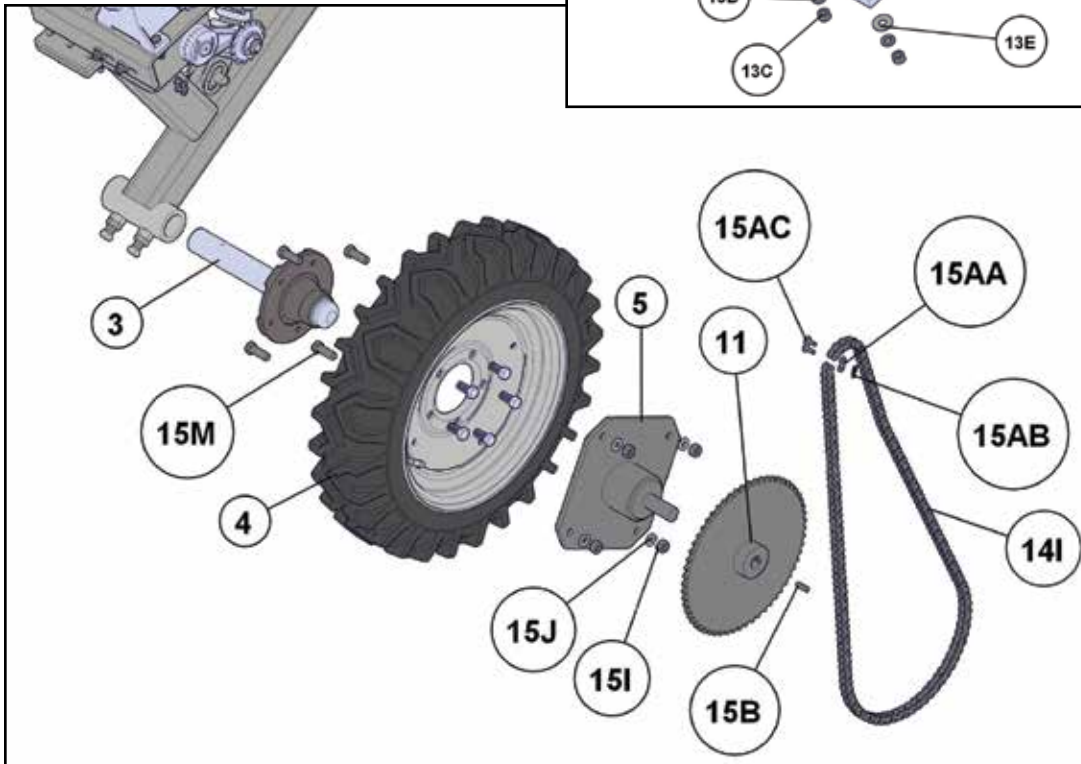
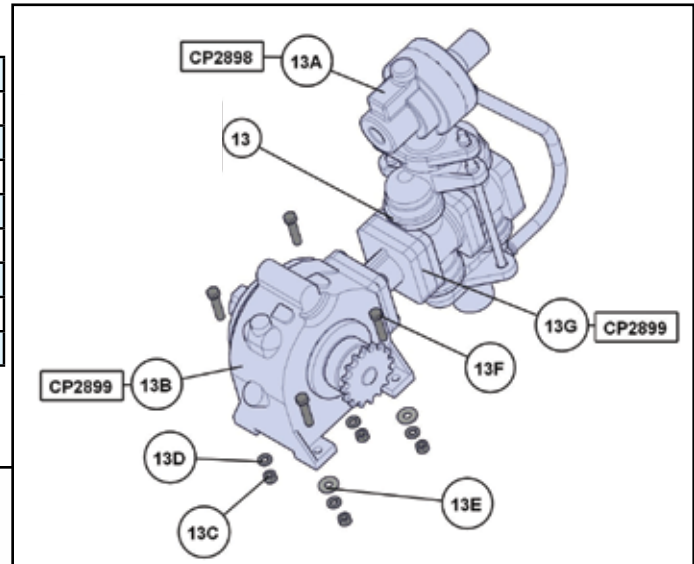
CCP2755 Heat Exchanger Assembly

BOM ID	Qty	Item No	Description
1	1	AP2209	DECAL, CAUTION, GROUND DRIVE WHEEL,
2	1	AP2227	DECAL, SAFETY INSTRUCTION, NH ₃
3	1	AP2236	DECAL, NH ₃ DANGER
4	1	AP2253	DECAL, NH ₃ PUMP RATE CHART
5	2	AP2262	DECAL, GDI 200, 5-3/8" X 6-3/8"
6	1	AP2263	DECAL, DANGER, GDI 200
7	16	BP3080	NUT, HEX JAM, 5/8"-11, GRADE 2
8	1	CP2038	BUSHING
9	1	CP2837	VALVE, PRESSURE RELIEF, 250 PSI, A3184
10	1	CP2838	VALVE, BLEEDER, 104851-01
11	1	CP2957A	CASTING, HEAT EXCHANGER OUTLET
12	1	CP2958A	CASTING, HEAT EXCHANGER INLET
13	2	CP2965	O-RING
14	2	CP2966	O-RING
15	2	CP2967	O-RING
16	2	CP2984	BACK-UP RING, 8-258 N 300-90
17	4	CP2987	TIE ROD FOR GDI 200A
18	1	CP2987	TUBE, OUTSIDE
19	1	CP2988	TUBE, INTERMEDIATE
20	1	CP2989	TUBE, INSIDE
21	2	CP2991	BACK-UP RING, 5" ID X .05"
22	2	CP2992	BACK-UP RING, 2-3/4" ID X .05"

GDI 200 With Pump Distribution (Rear Mount) Parts (Bundle 20200119)

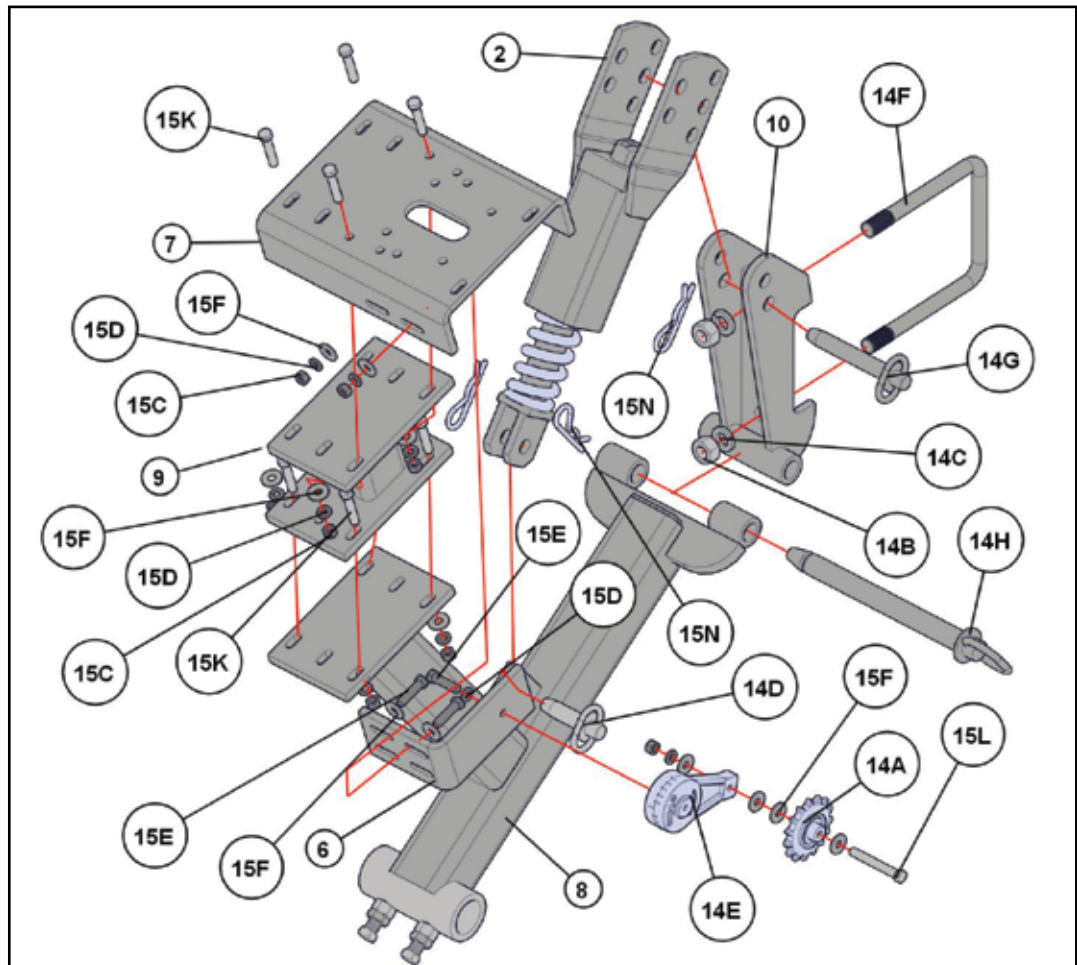
13. CCP2756 GDI 200A, Pump & Valve Assembly

BOM ID	Qty	Item No	Description
13	1	CCP2756	GDI 200A, PUMP AND VALVE ASSEMBLY
13A	1	CP2898	VALVE, SHUTOFF
13B	1	CP2899	PUMP, NH3
13C	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
13D	4	BP3002	WASHER, LOCK, 3/8", PLATED
13E	2	BP3015	WASHER, FLAT, 3/8"
13F	4	BP3264	HEX CAP SCREW, 3/8"-16 X 1-3/4", PLATED
13G	1	CP2899	PUMP, NH3



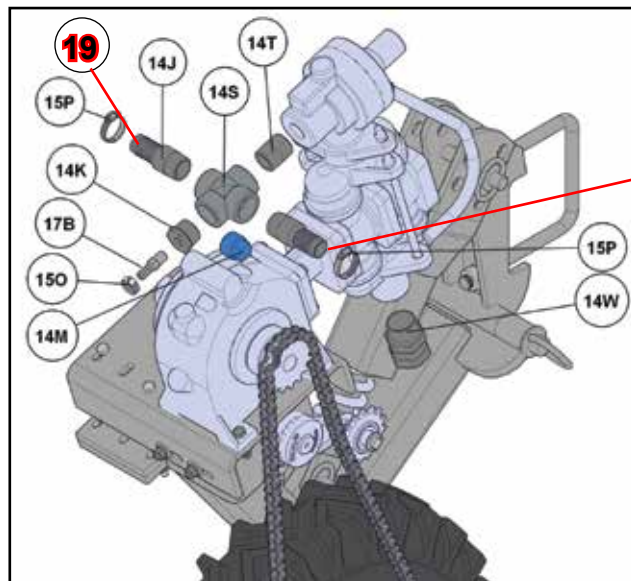
BOM ID	Qty	Item No	Description
3	1	AAM2707	ASSEMBLY, HUB & SPINDLE, 511 HUB, 1-3/4" X 13"
4	1	AAM2750	WHEEL 5.00-15.4, 4 PLY 15 X 5 X 5, WHITE, 4 HOLE
5	1	AM2021	ADAPTER PLATE & HUB
11	1	AP2190	SPROCKET, 5060 X, WITH HUB, 1" ROUND BORE, 1/4" KEYWAY
14I	1	CM2248	CHAIN, ROLLER, #50, 128 PITCH
15AA	1	AP2103-BAR	CONNECTOR LINK #50 CHAIN
15AB	1	AP2103-CONNECTOR	CONNECTOR LINK #50 CHAIN
15AC	1	AP2103-LINK	CONNECTOR LINK #50 CHAIN
15B	1	BM3527	1/4" X 1/4" X 1" KEY
15I	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
15J	4	BP3043	WASHER, LOCK, 1/2", PLATED
15M	4	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED

GDI 200 With Pump Distribution (Rear Mount) Parts (Bundle 20200119)



BOM ID	Qty	Item No	Description
2	1	AAM2089	ASSEMBLY, SPRING ADJUSTER
6	1	AM2165	BRACKET, ROTARY TENSION ARM MOUNT
7	1	AM2180	UNIVERSAL PUMP MOUNTING PLATE
8	1	AM2181	GROUND DRIVE WHEEL FRAME
9	1	AM3326	BRACKET, PUMP EXTENSION
10	1	AM4856	BRACKET, MOUNTING, 6"
14A	1	AP2382	SPROCKET, IDLER, 15T #50 CHAIN, WITH CLEVIS ADAPTER
14B	2	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
14C	2	BP3035	WASHER, LOCK, 3/4", PLATED
14D	1	BP3070	PIN, 3/4" X 2"
14E	1	BP3239	TENSIONER, RT1002
14F	1	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
14G	1	BP3502	PIN, 3/4" X 4-1/2"
14H	1	BP3510	PIN, 1" X 10", PLATED
15C	11	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
15D	12	BP3002	WASHER, LOCK, 3/8", PLATED
15E	3	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
15F	16	BP3015	WASHER, FLAT, 3/8"
15K	8	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
15L	1	BP3116	HEX CAP SCREW, 3/8"-16 X 3", GRADE 5, PLATED
15N	3	BP3500	PIN, HAIR CLIP, 3/16"

GDI 200 With Pump Distribution (Rear Mount) Parts (Bundle 20200119)

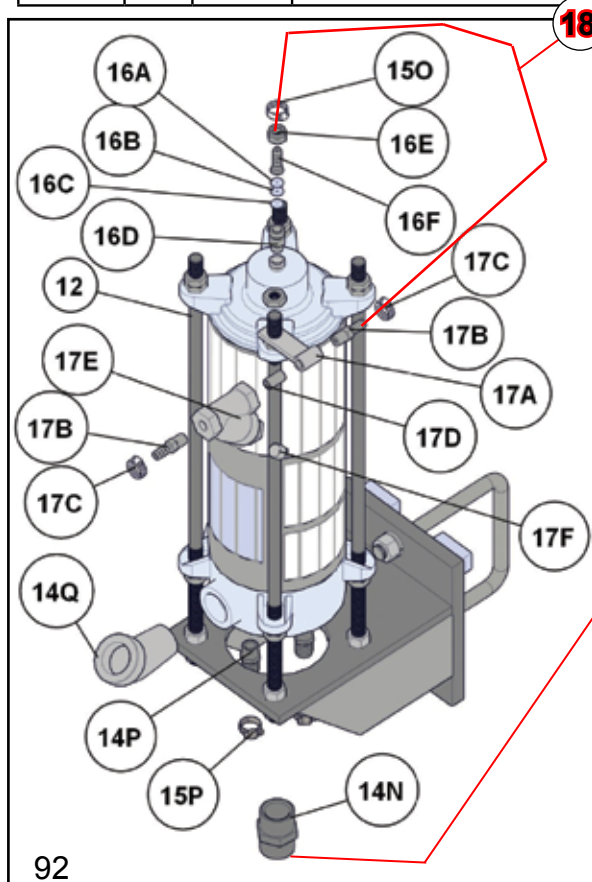


19 Attaches To Hose Barb

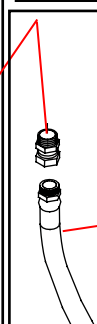
Not Pictured

Ref. Part No.	Req.	Description
18. CP25009	1	E.V.A. Hose 3/8" x 8'
19. CP3001	2	Hose, EVA, 1" Reinforced x 180" (15') With Tie & Tag
20. CP2895	1	Hose, NH3, 1-1/4" NPT x 60 in. High Pressure, Crimp

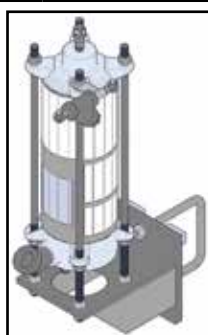
BOM ID	Qty	Item No	Description
14J	2	CP2310	1" HOSE BARB
14K	1	CP2474	REDUCER BUSHING 1" MP X 1/4" FP,
14M	1	CP2480	PLUG, 1"
14S	1	DP3999	CROSS 1" FORGED
14T	1	DP4034	NIPPLE, CLASE, 1" EXTRA HEAVY
14W	2	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
15O	2	CP2313	HOSE CLAMP, WORM GEAR, 1/4" - 5/8" TUBING, STAINLESS STEEL
15P	6	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1" TUBING, STAINLESS STEEL
17B	3	CP2308	HOSE BARB



BOM ID	Qty	Item No	Description
12	1	CCP2755	HEAT EXCHANGER ASSEMBLY
14N	1	CP2522	NIPPLE, HEX, 1-1/4" NPT, 3000 PSI TRIVALENT
14P	2	CP2874	HOSE BARB, 1/2" X 3/4"
14Q	1	CP2875	ELBOW, STREET, 1-1/4" NPT 45 DEGREE
15O	2	CP2313	HOSE CLAMP, WORM GEAR, 1/4" - 5/8" TUBING, STAINLESS STEEL
15P	6	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1" TUBING, STAINLESS STEEL
16A	1	CP2541	ORIFICE PLATE #4916-63 JET STREAM
16B	1	CP2545	ORIFICE PLATE #4916-95 JET STREAM
16C	1	CP2557	ORIFICE PLATE #4916-35 JET STREAM
16D	1	CP5044	NOZZLE BODY, STEEL
16E	1	CP5045	NUT, SPRAY TIP
16F	1	CP5046	HOSE BARB INSERT, 3/8, STAINLESS STEEL
17A	1	AM3338	BRACKET, ORIFICE STRAINER MOUNT
17B	3	CP2308	HOSE BARB
17C	2	CP2313	HOSE CLAMP, WORM GEAR, 1/4" - 5/8" TUBING, STAINLESS STEEL
17D	1	CP2441	NIPPLE, CLOSE, 1/4" MP, STAINLESS STEEL
17E	1	CP2463	STRAINER, NH3, 1/4" FPT, 60 MESH, KECKLEY STYLE B
17F	1	CP2464	PLUG, 3/8" MP,

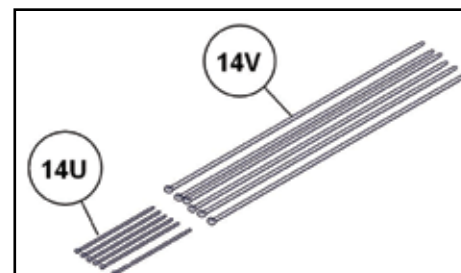
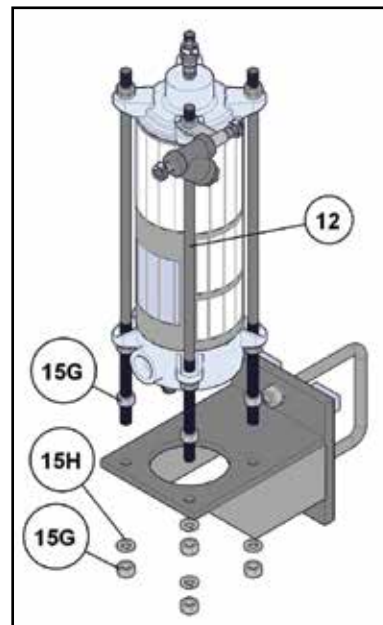
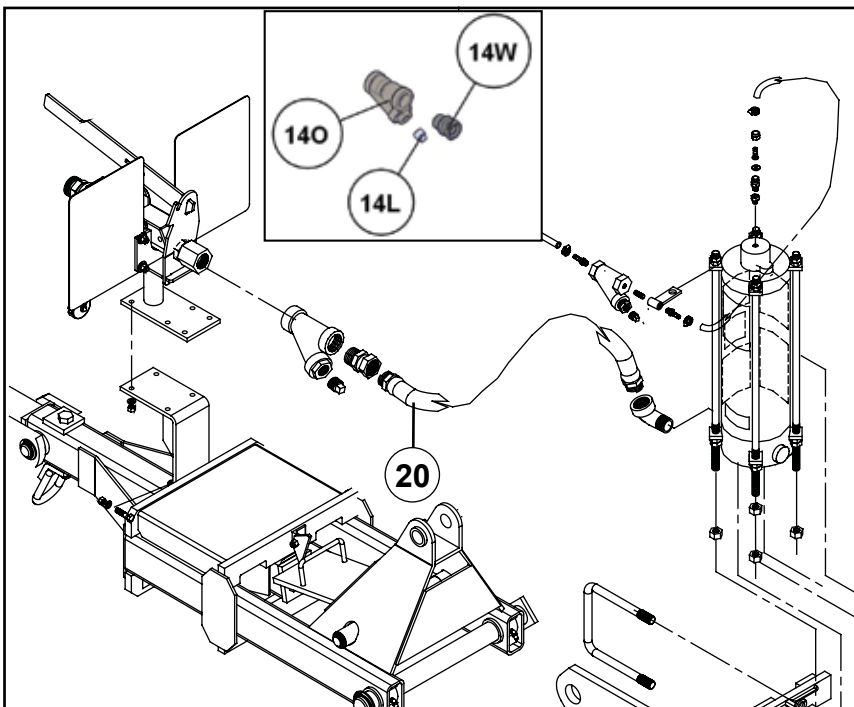


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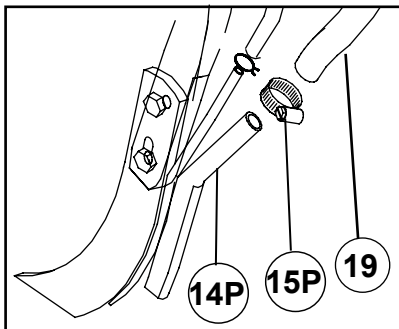
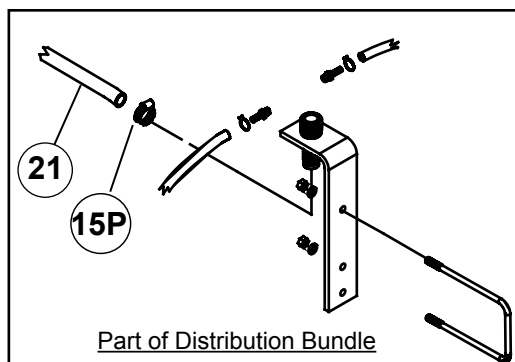
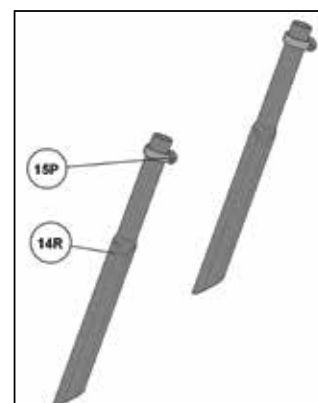
GDI 200 With Pump Distribution (Rear Mount) Parts (Bundle 20200119)

BOM ID	Qty	Item No	Description
12	1	CCP2755	HEAT EXCHANGER ASSEMBLY
15G	8	BP3038	NUT, HEX, 5/8"-11, GRADE 2
15H	4	BP3039	WASHER, LOCK, 5/8", PLATED



BOM ID	Qty	Item No	Description
14L	1	CP2479	PLUG, SQUARE HEAD, 3/4" NPT
14O	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
14U	6	DP4086	CABLE TIE 11-3/8"
14V	6	DP4296	CABLE TIE 33"
14W	1	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP

Ref. Part No.	Req.	Description
19. CP25025	2	E.V.A. Hose 3/4" 15 Ft.
20. CP2895	1	Hose, NH3, 1 1/4" NPT 60"High
21. CP3001	1	Pressure, Crimped Hose, EVA, 1" Reinforced x 180" (15') With Tie & Tag



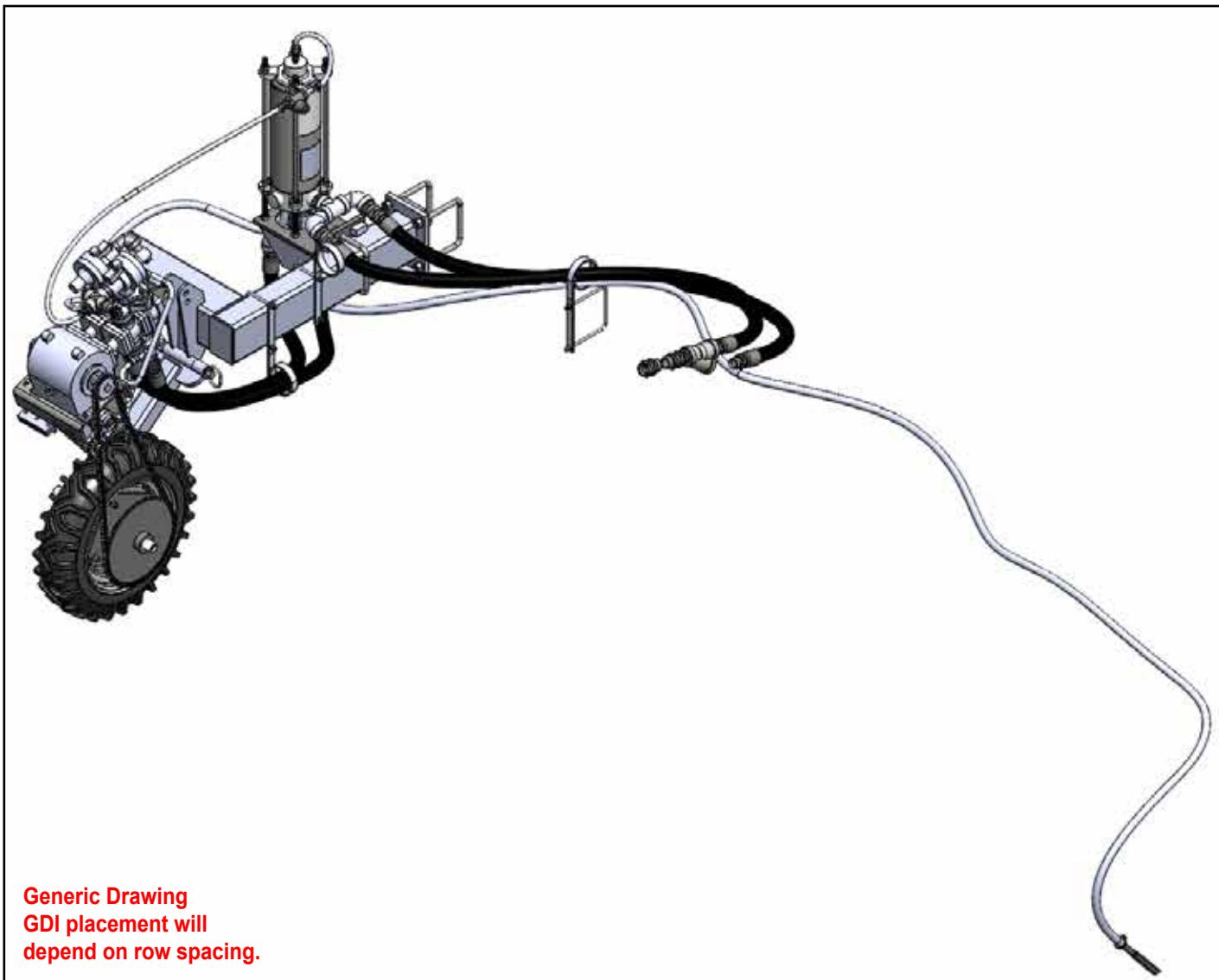
BOM ID	Qty	Item No	Description
14R	2	CP5043	KNIFE VAPOR TUBE 3/4" HOSE, WELD-ON
15P	6	CP2314	HOSE CLAMP, WORM GEAR, 1/2"- 1" TUBING, STAINLESS STEEL



**GDI 200 With Twin
Pump Distribution
(Rear Mount)
Parts (Bundle
20200121)**

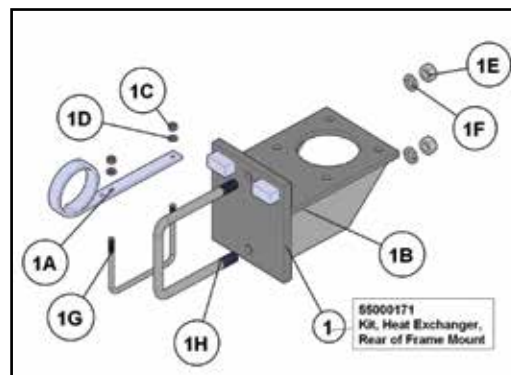
BOM ID	Qty	Item No	Description
1	1	55000171	KIT, HEAT EXCHANGER, REAR OF FRAME MOUNT
2	1	AAM2089	ASSEMBLY, SPRING ADJUSTER
3	1	AAM2707	ASSEMBLY, HUB & SPINDLE, 511 HUB, 1-3/4" X 13"
4	1	AAM2750	WHEEL 5.00-15.4, 4 PLY 15 X 5 X 5, WHITE, 4 HOLE
5	1	AM2021	GROUND DRIVE WHEEL ADAPTER PLATE & HUB
6	1	AM2165	BRACKET, ROTARY TENSION ARM MOUNT
7	1	AM2180	UNIVERSAL PUMP MOUNTING PLATE
8	1	AM2181	GROUND DRIVE WHEEL FRAME
9	1	AM3326	BRACKET, PUMP EXTENSION
10	1	AM4856	BRACKET, MOUNTING, 6"
11	1	AP2190	SPROCKET, 5060 X, WITH HUB, 1" ROUND BORE, 1/4" KEYWAY
12	1	CCP2755	HEAT EXCHANGER ASSEMBLY
13	1	CCP2758	GDI 200 TWIN, PUMP AND VALVE ASSEMBLY
13A	1	CP3017	PUMP, NH3, GDI 200 TWIN
13B	2	CP2898	VALVE, SHUTOFF, GDI 200
13C	4	BP3388	HEX CAP SCREW, 3/8"-16 X 1-3/4", GRADE 2, FULL THREAD
13D	4	BP3015	WASHER, FLAT, 3/8"
13E	4	BP3002	WASHER, LOCK, 3/8", PLATED
13F	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
14	1	PKG00012	PACKAGE, LARGE HARDWARE FOR 20200090
14A	1	AP2382	SPROCKET, IDLER, 15T #50 CHAIN, WITH CLEVIS ADAPTER
14B	2	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
14C	2	BP3035	WASHER, LOCK, 3/4", PLATED
14D	1	BP3070	PIN, 3/4" X 2"
14E	1	BP3239	TENSIONER, RT1002
14F	1	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
14G	1	BP3502	PIN, 3/4" X 4-1/2"
14H	1	BP3510	PIN, 1" X 10", PLATED
14I	1	CM2248	CHAIN, ROLLER, #50, 128 PITCH
14J	2	CP2310	1" BLACK PIPE HOSE BARB
14K	1	CP2474	REDUCER BUSHING 1" MP X 1/4" FP
14L	1	CP2479	PLUG, SQUARE HEAD, 3/4" NPT
14M	1	CP2480	PLUG, 1"
14N	1	CP2522	NIPPLE, HEX, 1- 1/4" NPT, 3000 PSI TRIVALENT
14O	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
14P	2	CP2874	HOSE BARB, 1/2" X 3/4"
14Q	1	CP2875	ELBOW, STREET, 1-1/4" NPT 45 DEGREE
14R	2	CP5043	KNIFE VAPOR TUBE 3/4" HOSE, WELD-ON
14S	1	DP3999	CROSS 1", FORGED
14T	1	DP4034	NIPPLE, CLOSE, 1" PLAIN EXTRA HEAVY
14U	6	DP4086	CABLE TIE 11-3/8"
14V	6	DP4296	CABLE TIE 33"
14W	2	DP4397	SWIVEL, 1-1/4 MP X 1-1/4 FP
15	1	PKG00011	PACKAGE, SMALL HARDWARE FOR 20200090
15A	1	AP2103	CONNECTOR LINK #50 CHAIN
15AA	1	AP2103-BAR	CONNECTOR LINK #50 CHAIN
15AB	1	AP2103-CONNECTOR	CONNECTOR LINK #50 CHAIN
15AC	1	AP2103-LINK	CONNECTOR LINK #50 CHAIN
15B	1	BM3527	1/4" X 1/4" X 1" KEY
15C	11	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
15D	3	BP3002	WASHER, LOCK, 3/8", PLATED
15E	1	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
15F	5	BP3015	WASHER, FLAT, 3/8"
15G	8	BP3038	NUT, HEX, 5/8"-11, GRADE 2
15H	4	BP3039	WASHER, LOCK, 5/8", PLATED
15I	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
15J	4	BP3043	WASHER, LOCK, 1/2", PLATED
15K	2	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
15L	1	BP3116	HEX CAP SCREW, 3/8"-16 X 3", GRADE 5, PLATED
15M	4	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
15N	3	BP3500	PIN, HAIR CLIP, 3/16"
15O	2	CP2313	HOSE CLAMP, WORM GEAR, 1/4"- 5/8" TUBING, STAINLESS STEEL
15P	6	CP2314	HOSE CLAMP, WORM GEAR, 1/2"- 1" TUBING, STAINLESS STEEL
16	1	PKG00025	PACKAGE, ORIFACE FITTING HARDWARE
16A	1	CP2541	ORIFICE PLATE #4916-63 JET STREAM
16B	1	CP2545	ORIFICE PLATE #4916-95 JET STREAM
16C	1	CP2557	ORIFICE PLATE #4916-35 JET STREAM
16D	1	CP5044	NOZZLE BODY, STEEL
16E	1	CP5045	NUT, SPRAY TIP
16F	1	CP5046	HOSE BARB INSERT, 3/8", STAINLESS STEEL
17	1	CCM2325	GDI 200, 1/4" Y-STRAINER
17A	1	AM3338	BRACKET, ORIFICE STRAINER MOUNT
17B	3	CP2308	HOSE BARB
17C	2	CP2313	HOSE CLAMP, WORM GEAR, 1/4"- 5/8" TUBING, STAINLESS STEEL
17D	1	CP2441	NIPPLE, CLOSE, 1/4" MP, STAINLESS STEEL
17E	1	CP2463	STRAINER, NH3, 1/4" FPT, 60 MESH, KECKLEY STYLE B
17F	1	CP2464	PLUG, 3/8" MP
18	1	CP2479	PLUG, SQUARE HEAD, 3/4" NPT
19	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
20	1	CP2875	ELBOW, STREET, 1-1/4" NPT 45 DEGREE
21	2	DP4037	TEE, 1-1/4"
22	4	DP4041	ELBOW, STREET, 1-1/4" EXTRA HEAVY
23	2	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
24	1	DP4578	NIPPLE, 1-1/4" X 6", SCHEDULE 80
25	1	DP4040	ELBOW, STREET, 1" EXTRA HEAVY
26	1	CP25009	HOSE, EVA, 3/8" X 8'
27	2	CP25025	HOSE, EVA, 3/4" X 14'8" (CP25025 cut 2 ea.@14'8")
28	2	CP2895	HOSE, NH3, 1-1/4" NPT X 60" HIGH PRESSURE
29	1	CP3001	HOSE, EVA, 1" REINFORCED X 180" (15') with tie 7 tag

**Consult GDI 200 Twin Manual
for assembly instructions.
Manual Number 0300001**

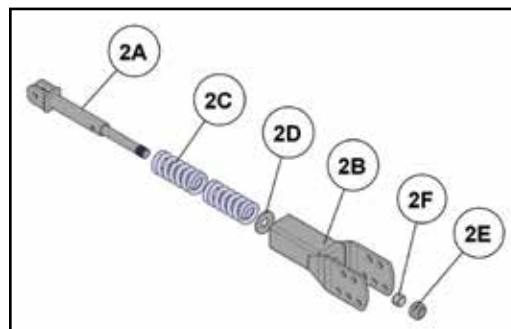


GDI 200 With Twin Pump Distribution (Rear Mount) Parts and Assembly (Bundle 20200121)

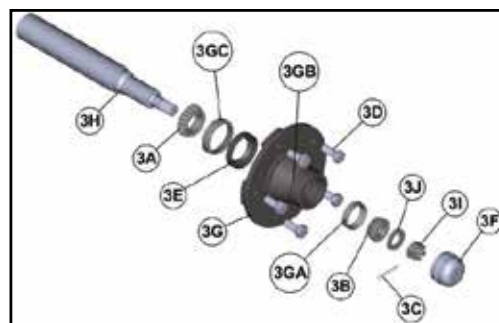
BOM ID	Qty	Item No	Description
1	1	55000171	KIT, HEAT EXCHANGER, REAR OF FRAME MOUNT
1A	1	AM4015	HOSE RETAINER, CLOSED LOOP, 6" & 7" MOUNTING
1B	1	AM4553	HEAT EXCHANGER MOUNTING
1C	2	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
1D	2	BP3002	WASHER, LOCK, 3/8", PLATED
1E	2	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
1F	2	BP3035	WASHER, LOCK, 3/4", PLATED
1G	1	BP3045	U-BOLT, 3/8"-16 X 6"W X 5"L
1H	1	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED



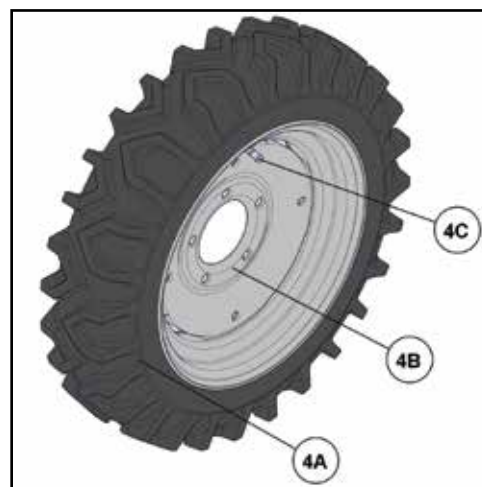
BOM ID	Qty	Item No	Description
2A	1	AM2191	CLEVIS SPRING ADJUSTER
2B	1	AM2192	SPRING CANISTER, GDW
2C	2	AP2881	SPRING, 2.472" OD X 5.875" OAL, .468" WIRE DIAMETER
2D	1	BP3028	WASHER, FLAT, 1", PLATED
2E	1	BP3223	NUT, HEX LOCK, 1"-8
2F	1	BP3572	TENSION BUSHING, 1-1/4" X 1" X 3/4" OAL



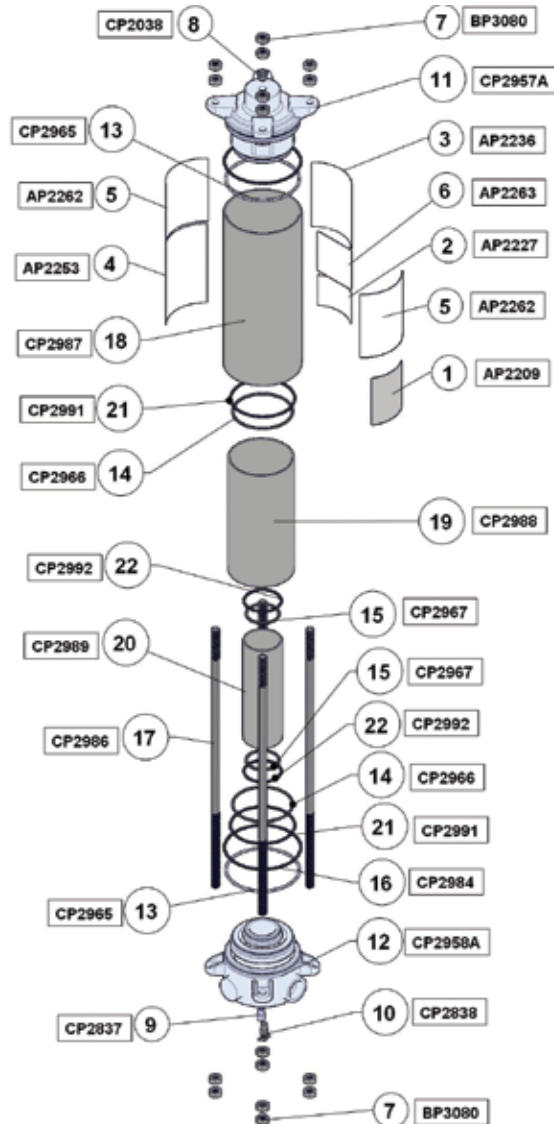
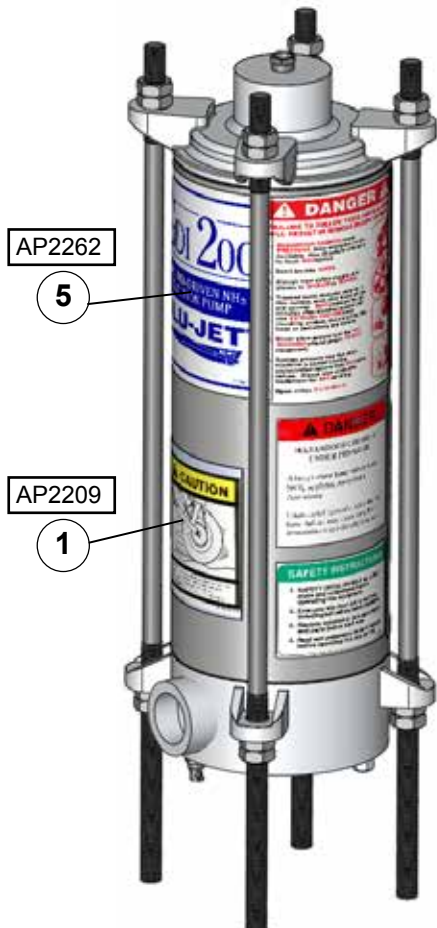
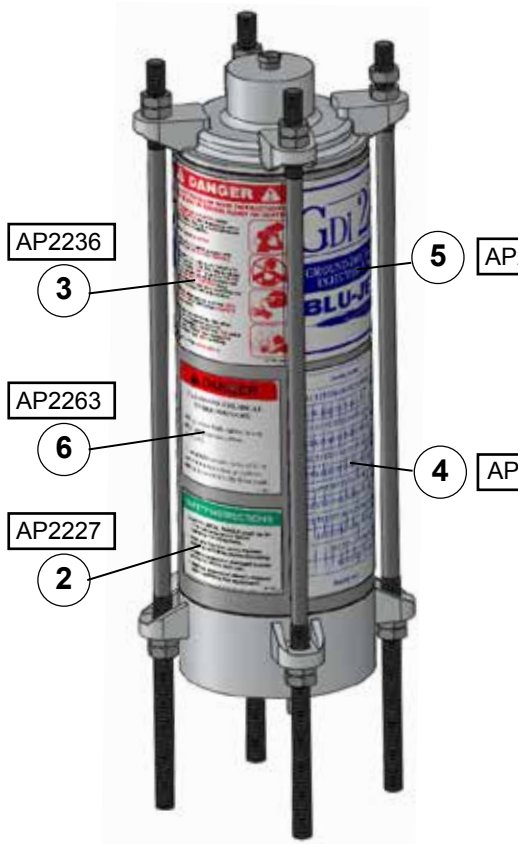
BOM ID	Qty	Item No	Description
3A	1	AP2023	BEARING CONE, LM 67048
3B	1	AP2024	BEARING CONE, LM 11949
3C	1	AP2029	PIN, COTTER, 5/32" X 1-1/2"
3D	5	AP2049	WHEEL BOLT, 1/2" - 20 X 1"
3E	1	AP2052	GREASE SEAL, CR 14974
3F	1	AP2053	HUB CAP, 1524
3G	1	AP2124	HUB WITH CUPS, 5 BOLT, 511300-5
3GA	1	AP2075	BEARING CUP, LM 11910
3GB	1	HUB	HUB, 5 BOLT, 5.5" BOLT CIRCLE, 4" PILOT
3GC	1	AP2524	BEARING CUP, LM 67010
3H	1	AP2169	SPINDLE, 1-3/4" X 13", S7151-H-00
3I	1	AP2704	NUT, SPINDLE, 3/4"-16
3J	1	AP2705	WASHER, SPINDLE, 1-1/2" X 13/16" X .134"



BOM ID	Qty	Item No	Description
4A	1	AP2002	TIRE, 5.00-15, 4 PLY SURE GRIP TRACTION
4B	1	AP2250	RIM, 15 X 5 X 5, WHITE WITH FOUR EXTRA HOLES
4C	1	AP2790	VALVE STEM, METAL



Parts List & Assembly For CCP2755 NH₃ Heat Exchanger



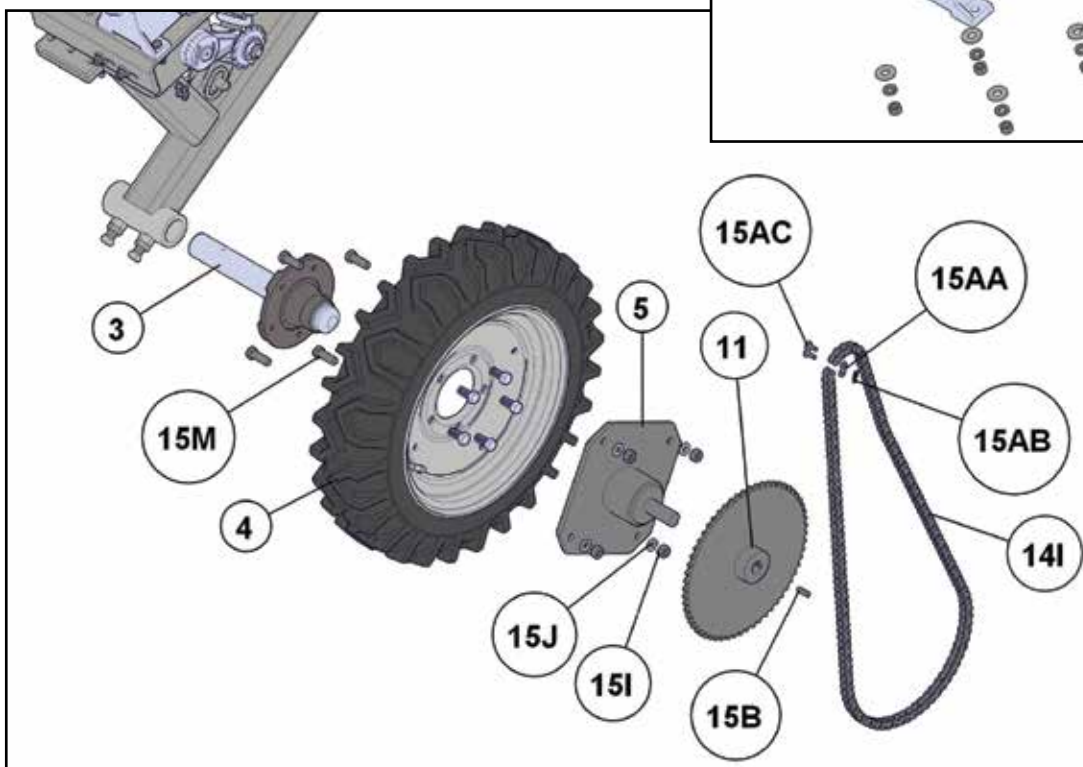
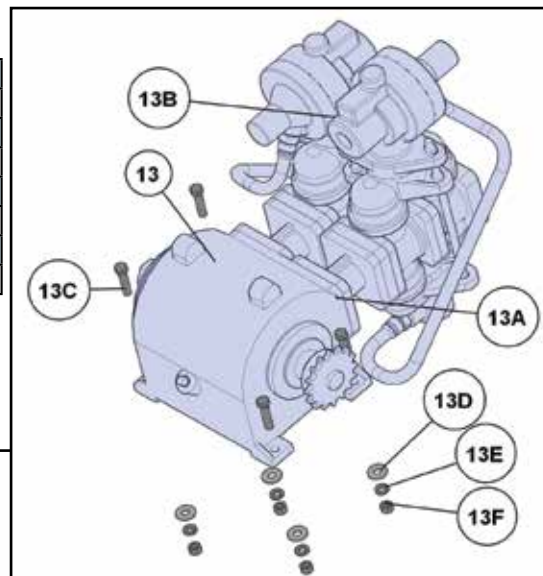
CCP2755 Heat Exchanger Assembly

BOM ID	Qty	Item No	Description
1	1	AP2209	DECAL, CAUTION, GROUND DRIVE WHEEL,
2	1	AP2227	DECAL, SAFETY INSTRUCTION, NH ₃
3	1	AP2236	DECAL, NH ₃ DANGER
4	1	AP2253	DECAL, NH ₃ PUMP RATE CHART
5	2	AP2262	DECAL, GDI 200, 5-3/8" X 6-3/8"
6	1	AP2263	DECAL, DANGER, GDI 200
7	16	BP3080	NUT, HEX JAM, 5/8"-11, GRADE 2
8	1	CP2038	BUSHING
9	1	CP2837	VALVE, PRESSURE RELIEF, 250 PSI, A3184
10	1	CP2838	VALVE, BLEEDER, 104851-01
11	1	CP2957A	CASTING, HEAT EXCHANGER OUTLET
12	1	CP2958A	CASTING, HEAT EXCHANGER INLET
13	2	CP2965	O-RING
14	2	CP2966	O-RING
15	2	CP2967	O-RING
16	2	CP2984	BACK-UP RING, 8-258 N 300-90
17	4	CP2987	TIE ROD FOR GDI 200A
18	1	CP2987	TUBE, OUTSIDE
19	1	CP2988	TUBE, INTERMEDIATE
20	1	CP2989	TUBE, INSIDE
21	2	CP2991	BACK-UP RING, 5" ID X .05"
22	2	CP2992	BACK-UP RING, 2-3/4" ID X .05"

GDI 200 With Twin Pump Distribution (Rear Mount) Parts (Bundle 20200121)

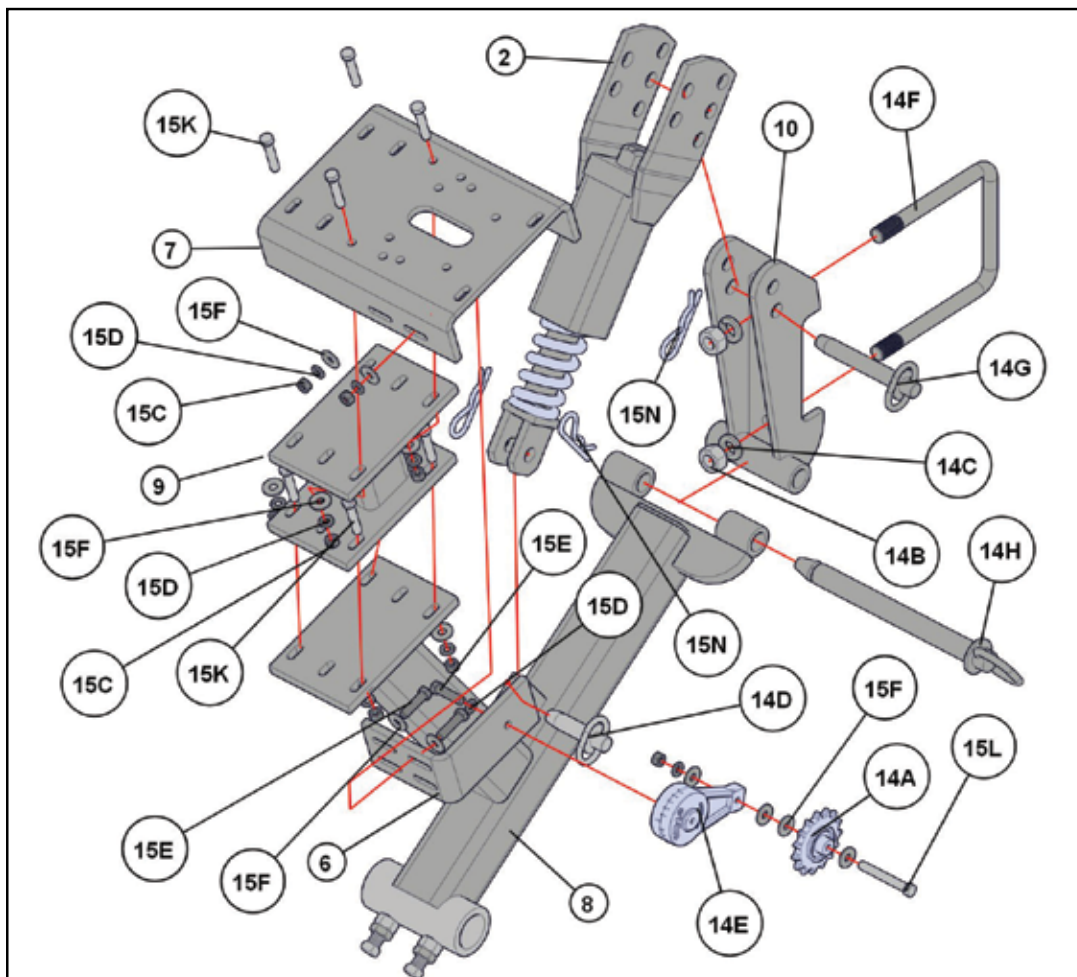
13. CCP2758 GDI 200 Twin Pump & Valve Assembly

BOM ID	Qty	Item No	Description
13	1	CCP2758	GDI 200 TWIN, PUMP AND VALVE ASSEMBLY
13A	1	CP3017	PUMP, NH3 GDI 200 TWIN
13B	2	CP2898	VALVE, SHUTOFF
13C	4	BP3388	HEX CAP SCREW, 3/8"-16 X 1-3/4", GRADE 2, FULL THREAD
13D	4	BP3015	WASHER, FLAT, 3/8"
13E	4	BP3002	WASHER, LOCK, 3/8", PLATED
13F	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED



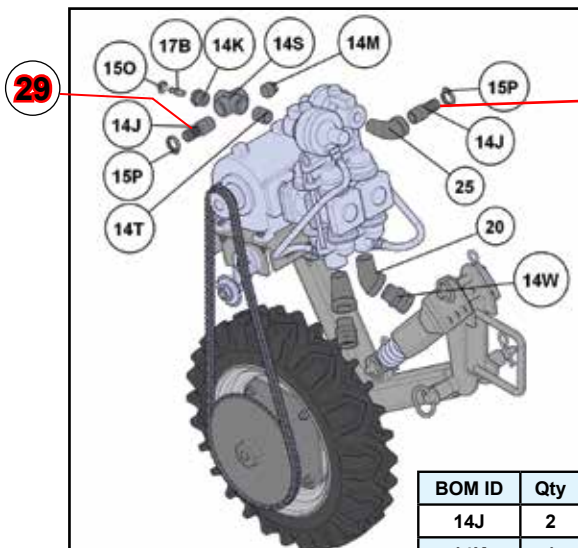
BOM ID	Qty	Item No	Description
3	1	AAM2707	ASSEMBLY, HUB & SPINDLE, 511 HUB, 1-3/4" X 13"
4	1	AAM2750	WHEEL 5.00-15.4, 4 PLY 15 X 5 X 5, WHITE, 4 HOLE
5	1	AM2021	ADAPTER PLATE & HUB
11	1	AP2190	SPROCKET, 5060 X, WITH HUB, 1" ROUND BORE, 1/4" KEYWAY
14I	1	CM2248	CHAIN, ROLLER, #50, 128 PITCH
15AA	1	AP2103-BAR	CONNECTOR LINK #50 CHAIN
15AB	1	AP2103-CONNECTOR	CONNECTOR LINK #50 CHAIN
15AC	1	AP2103-LINK	CONNECTOR LINK #50 CHAIN
15B	1	BM3527	1/4" X 1/4" X 1" KEY
15I	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
15J	4	BP3043	WASHER, LOCK, 1/2", PLATED
15M	4	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED

GDI 200 With Twin Pump Distribution (Rear Mount) Parts (Bundle 20200121)



BOM ID	Qty	Item No	Description
2	1	AAM2089	ASSEMBLY, SPRING ADJUSTER
6	1	AM2165	BRACKET, ROTARY TENSION ARM MOUNT
7	1	AM2180	UNIVERSAL PUMP MOUNTING PLATE
8	1	AM2181	GROUND DRIVE WHEEL FRAME
9	1	AM3326	BRACKET, PUMP EXTENSION
10	1	AM4856	BRACKET, MOUNTING, 6"
14A	1	AP2382	SPROCKET, IDLER, 15T #50 CHAIN, WITH CLEVIS ADAPTER
14B	2	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
14C	2	BP3035	WASHER, LOCK, 3/4", PLATED
14D	1	BP3070	PIN, HITCH, 3/4" X 2"
14E	1	BP3239	TENSIONER, RT1002
14F	1	BP3350	U-BOLT, 3/4"-10 X 6"W X 7-11/16"L, PLATED
14G	1	BP3502	PIN, HITCH, 3/4" X 4-1/2"
14H	1	BP3510	PIN, 1" X 10", PLATED
15C	11	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
15D	12	BP3002	WASHER, LOCK, 3/8", PLATED
15E	3	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
15F	16	BP3015	WASHER, FLAT, 3/8"
15K	8	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
15L	1	BP3116	HEX CAP SCREW, 3/8"-16 X 3", GRADE 5, PLATED
15N	3	BP3500	PIN, HAIR CLIP, 3/16"

GDI 200 With Twin Pump Distribution (Rear Mount) Parts (Bundle 20200121)

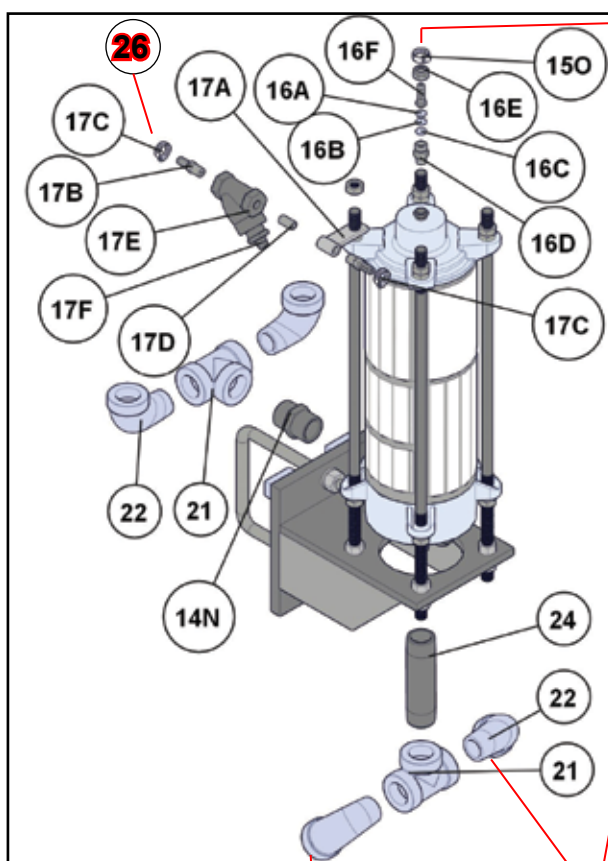


29 Attaches To Hose Barb

Not Pictured

Ref. Part No.	Req.	Description
26. CP25009	1	E.V.A. Hose 3/8" 8 Ft.
29. CP3001	2	Hose, EVA, 1" Reinforced x 180" (15') With Tie & Tag
28. CP2895	1	Hose, NH3, 1-1/4" NPT x 60 in. High Pressure, Crimp

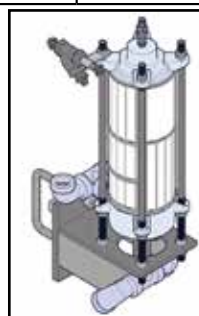
BOM ID	Qty	Item No	Description
14J	2	CP2310	1" HOSE BARB
14K	1	CP2474	REDUCER BUSHING 1" MP X 1/4" FP,
14M	1	CP2480	PLUG, 1"
14S	1	DP3999	CROSS, 1" FORGED
14T	1	DP4034	NIPPLE, CLOSE, 1"
14W	2	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
15O	2	CP2313	HOSE CLAMP, WORM GEAR, 1/4" - 5/8", STAINLESS STEEL
15P	6	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1", STAINLESS STEEL
17B	3	CP2308	HOSE BARB
20	1	CP2875	ELBOW, STREET, 1-1/4" NPT 45 DEGREE
25	1	DP4040	ELBOW, STREET, 1"



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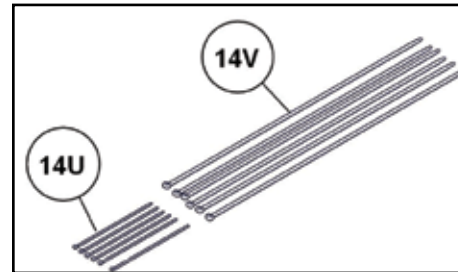
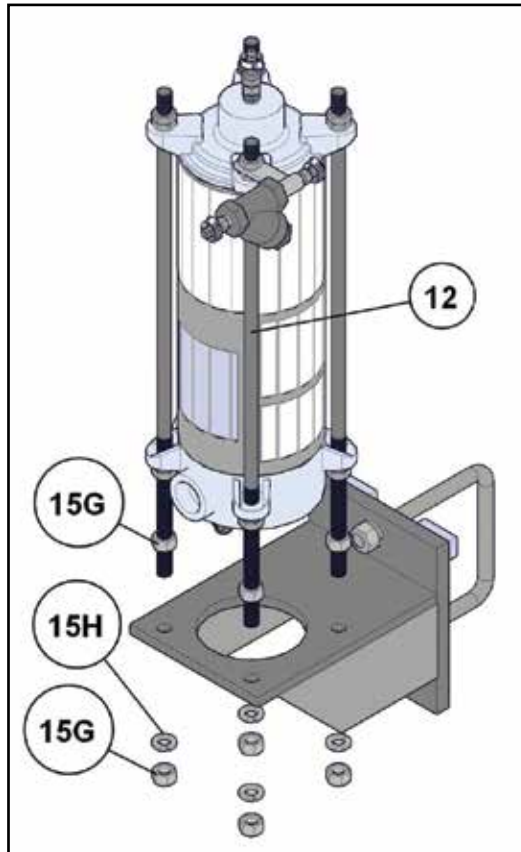
BOM ID	Qty	Item No	Description
14N	1	CP2522	NIPPLE, HEX, 1-1/4" NPT, 3000 PSI
15O	2	CP2313	HOSE CLAMP, WORM GEAR, 1/4" - 5/8", STAINLESS STEEL
16A	1	CP2541	ORIFICE PLATE #4916-63 JET STREAM
16B	1	CP2545	ORIFICE PLATE #4916-95 JET STREAM
16C	1	CP2557	ORIFICE PLATE #4916-35 JET STREAM
16D	1	CP5044	NOZZLE BODY, STEEL
16E	1	CP5045	NUT, SPRAY TIP
16F	1	CP5046	HOSE BARB INSERT, 3/8", STAINLESS STEEL
17A	1	AM3338	BRACKET, ORIFICE STRAINER MOUNT
17B	3	CP2308	HOSE BARB
17C	2	CP2313	HOSE CLAMP, WORM GEAR, 1/4" - 5/8", STAINLESS STEEL
17D	1	CP2441	NIPPLE, CLOSE, 1/4" MP, STAINLESS STEEL
17E	1	CP2463	STRAINER, NH3, 1/4" FPT, 60 MESH, KECKLEY STYLE B
17F	1	CP2464	PLUG, 3/8" MP, STEEL
21	2	DP4037	TEE, 1-1/4"
22	4	DP4041	ELBOW, STREET, 1-1/4"
24	1	DP4578	NIPPLE, 1-1/4" X 6", SCHEDULE 80

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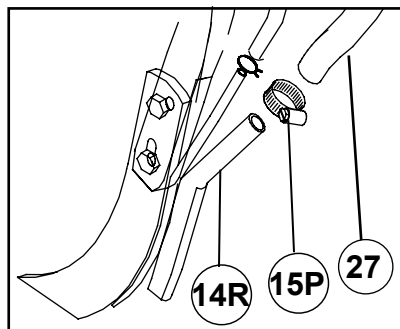
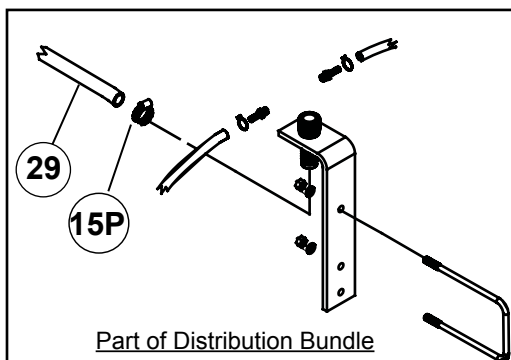
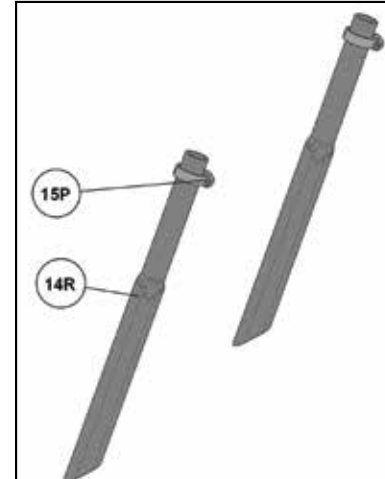
GDI 200 With Twin Pump Distribution (Rear Mount) Parts (Bundle 20200121)

BOM ID	Qty	Item No	Description
12	1	CCP2755	HEAT EXCHANGER ASSEMBLY
15G	8	BP3038	NUT, HEX, 5/8"-11, GRADE 2
15H	4	BP3039	WASHER, LOCK, 5/8", PLATED



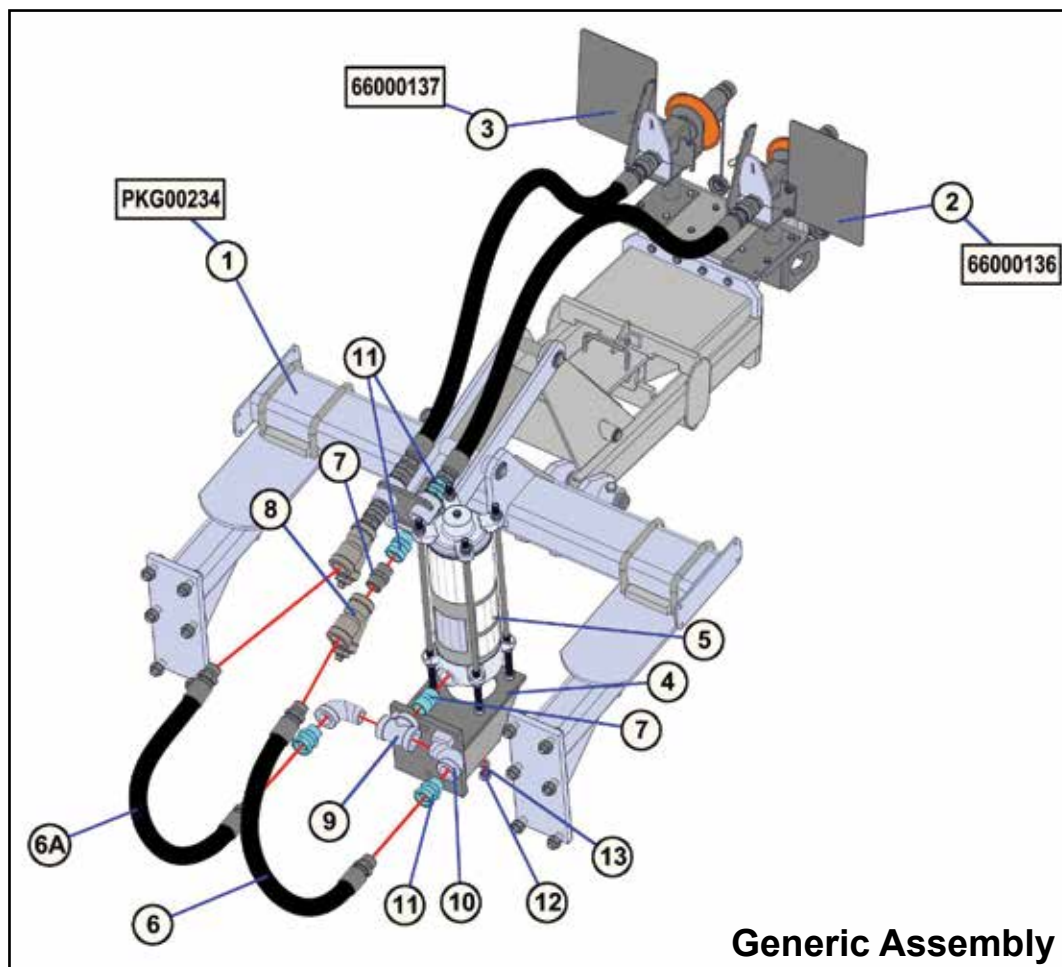
BOM ID	Qty	Item No	Description
14U	6	DP4086	CABLE TIE 11-3/8"
14V	6	DP4296	CABLE TIE 33"

Ref.	Part No.	Req.	Description
27.	CP25025	2	E.V.A. Hose 3/4" 15 Ft.
28.	CP2895	1	Hose, NH3, 1 1/4" NPT 60"High Pressure, Crimped
29.	CP3001	1	Hose, EVA, 1" Reinforced x 180" (15') With Tie & Tag

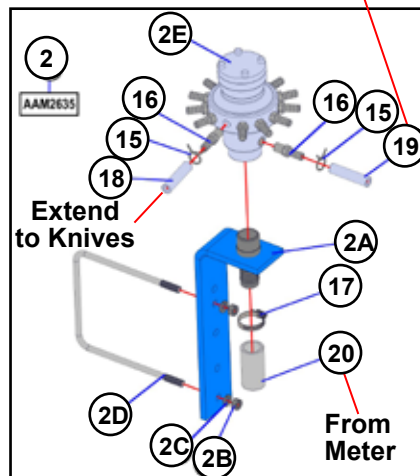
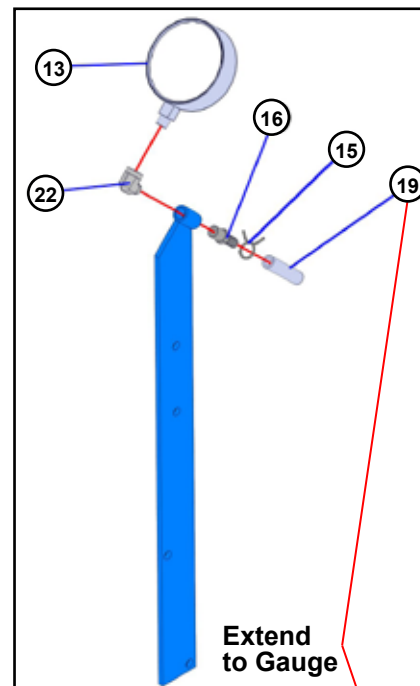
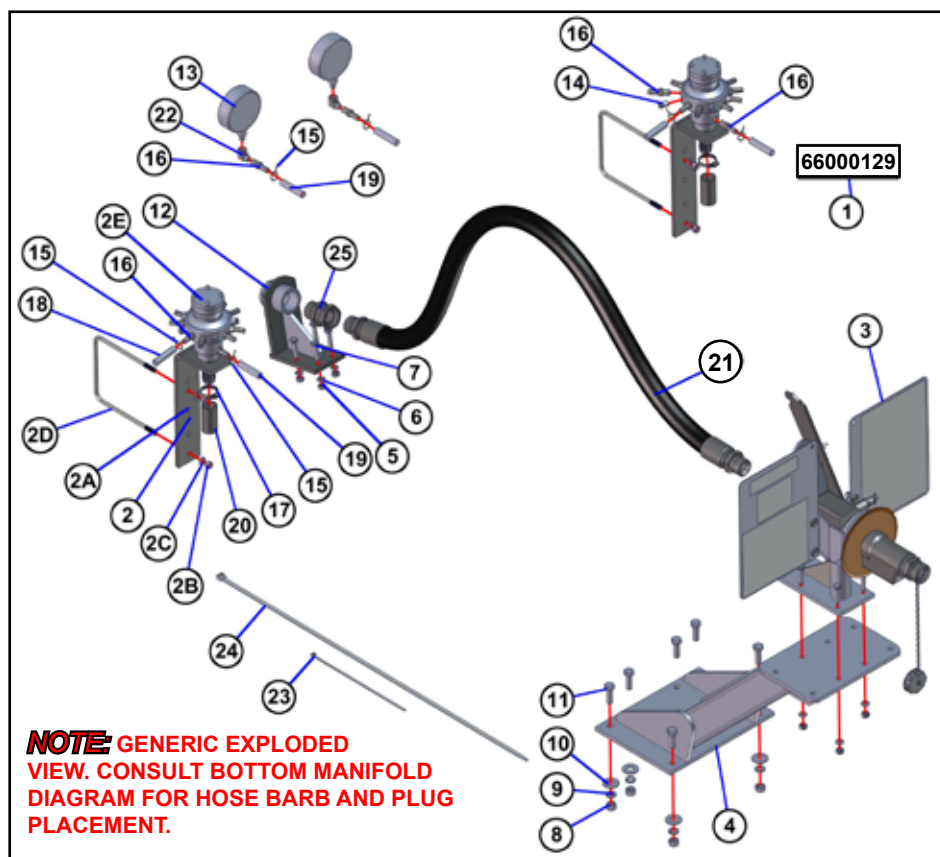


BOM ID	Qty	Item No	Description
14R	2	CP5043	KNIFE VAPOR TUBE 3/4" HOSE, WELD-ON
15P	6	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1" TUBING, SS

GDI 200 With Twin Pump Distribution (Rear Mount) Parts (Bundle 20200121)

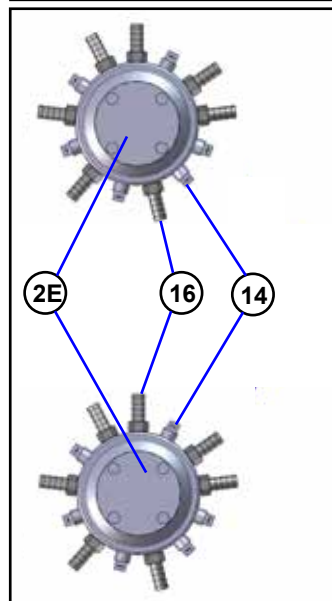


BOM ID	Qty	Item No	Description
1	1	PKG00234	NURSE TANK HITCH ASSEMBLY
2	1	66000136	SUPERSHOOTER III SINGLE ASSEMBLY
3	1	66000137	DUAL SUPERSHOOTER III ADD-ON ASSEMBLY, WITH HARDWARE & HOSE
4	1	AM4553	HEAT EXCHANGER MOUNTING
5	1	CCP2755	HEAT EXCHANGER ASSEMBLY
6	1	CP2520	HOSE, NH3, 1-1/4" X 36"
6A	1	CP2520	HOSE, NH3, 1-1/4" X 36"
7	2	CP2522	NIPPLE, HEX, 1-1/4" NPT, 3000 PSI
8	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
9	1	DP4037	TEE, 1-1/4"
10	2	DP4041	ELBOW, STREET, 1-1/4"
11	4	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
12	8	BP3038	NUT, HEX, 5/8"-11, GRADE 2
13	4	BP3039	WASHER, LOCK, 5/8", PLATED

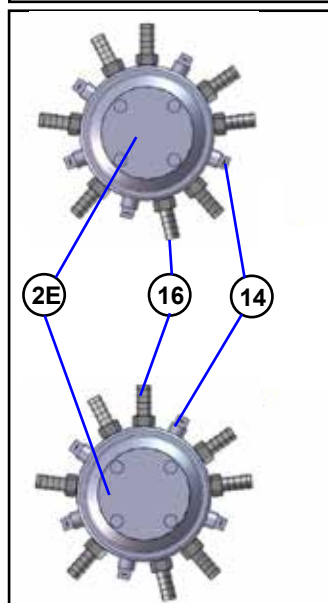
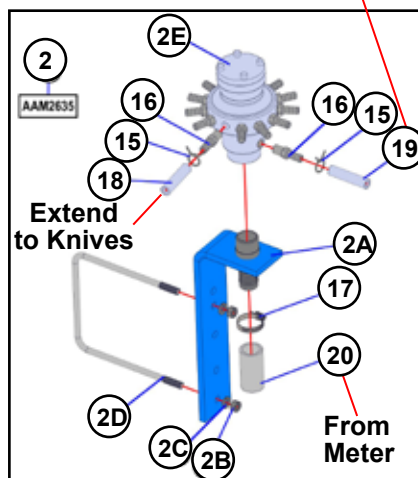
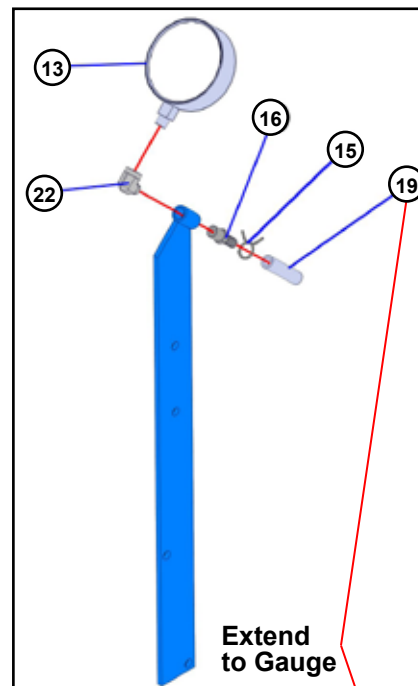
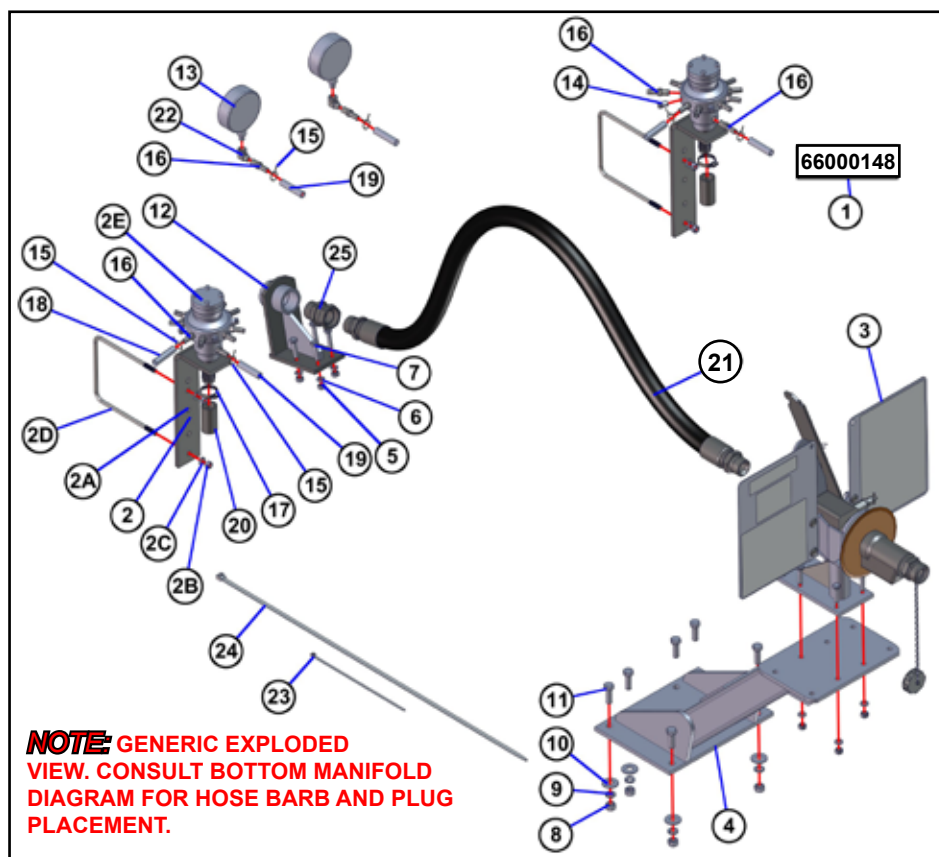


BOM ID	Qty	Item No	Description
1	1	66000129	GDI200A W/DUAL IMPELLICONE MANIFOLD, AT60, 15R30
2	2	AAM2635	IMPELLICONE 13 PORT, W/ MOUNT & HARDWARE, 6 X 6
2A	2	AM7639	BRACKET, IMPELLICONE MOUNT
2B	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
2C	4	BP3002	WASHER, LOCK, 3/8", PLATED
2D	2	BP3351	U-BOLT, 3/8"-16 X 6W X 7L, PLATED
2E	2	CP2564	IMPELLICONE, 13 PORT
3	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
4	1	AM6277	SUPERSHOOTER RISER, AUTO-LOK HITCH
5	8	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
6	8	BP3002	WASHER, LOCK, 3/8", PLATED
7	8	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
8	6	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
9	6	BP3043	WASHER, LOCK, 1/2", PLATED
10	6	BP3050	WASHER, FLAT, 1/2", PLATED
11	6	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
12	1	CM2312	BRACKET, COUPLER, SINGLE, 1-1/4" NPT
13	2	CP2100	GAUGE, NH3, 0-100 PSI, 4" CASE
14	11	CP2304	PLUG, 1/4" PIPE, SQUARE HEAD
15	34	CP2305	3/8" WIRE CLAMP
16	19	CP2308	HOSE BARB
17	4	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1" TUBING, SS
18	18	CCP2561	HOSE, EVA, 3/8" X 15' (CP2598 SCORED @ 15' BLACK)
19	2	CCP2565	HOSE, EVA, 3/8" X 25' (CP2598 SCORED @ 25' BLACK)
20	2	CP3001	HOSE, EVA, 1" REINFORCED X 180" (15') WITH TIE & TAG
21	1	CP2593	HOSE, NH3, 1-1/4" X 64"
22	2	DP4012	STREET ELBOW, 4MP-4FP, 90°
23	15	DP4086	CABLE TIE 11-3/8" STD
24	8	DP4296	CABLE TIE 33"
25	1	DP4397	SWIVEL, 1-1/4 MP X 1-1/4 FP

NOTE: 3/8" EVA hose comes partially pre-cut to length. Length of hose is determined by width of tool bar. Number of pre-cut sections are determined by number of rows.



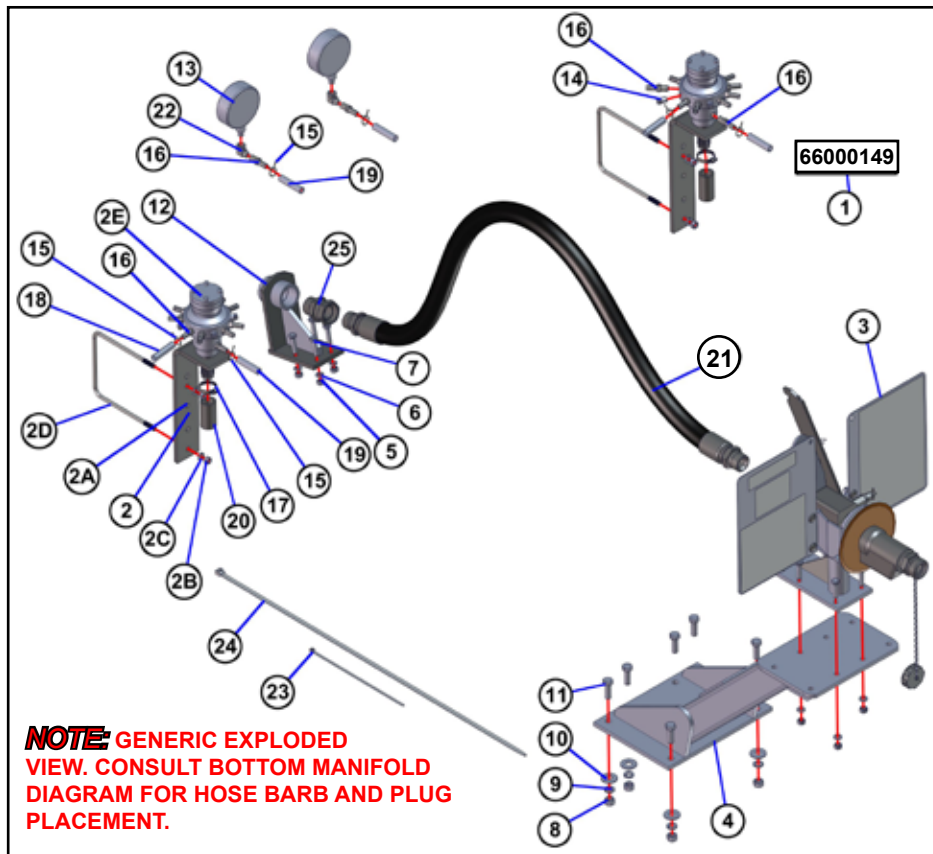
Meter Assembly GDI200A With Dual Impellicone Manifold, (66000148) 16 Row 30



BOM ID	Qty	Item No	Description
1	1	66000148	GDI200A W/DUAL IMPELLICO MANIFOLD, AT60, 16R30
2	2	AAM2635	IMPELLICONE 13 PORT, W/ MOUNT & HARDWARE, 6 X 6
2A	2	AM7639	BRACKET, IMPELLICONE MOUNT
2B	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
2C	4	BP3002	WASHER, LOCK, 3/8", PLATED
2D	2	BP3351	U-BOLT, 3/8"-16 X 6W X 7L, PLATED
2E	2	CP2564	IMPELLICONE, 13 PORT
3	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
4	1	AM6277	SUPERSHOOTER RISER, AUTO-LOK HITCH
5	8	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
6	8	BP3002	WASHER, LOCK, 3/8", PLATED
7	8	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
8	6	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
9	6	BP3043	WASHER, LOCK, 1/2", PLATED
10	6	BP3050	WASHER, FLAT, 1/2", PLATED
11	6	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
12	1	CM2312	BRACKET, COUPLER, SINGLE, 1-1/4" NPT
13	2	CP2100	GAUGE, NH3, 0-100 PSI, 4" CASE
14	10	CP2304	PLUG, 1/4" PIPE, SQUARE HEAD
15	36	CP2305	3/8" WIRE CLAMP
16	20	CP2308	HOSE BARB
17	4	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1" TUBING, SS
18	16	CCP2562	HOSE, EVA, 3/8" X 18' (CP2598 SCORED @ 18' BLACK)
19	2	CCP2565	HOSE, EVA, 3/8" X 25' (CP2598 SCORED @ 25' BLACK)
20	2	CP3001	HOSE, EVA, 1" REINFORCED X 180" (15') WITH TIE & TAG
21	1	CP2593	HOSE, NH3, 1-1/4" X 64"
22	2	DP4012	STREET ELBOW, 4MP-4FP, 90°
23	16	DP4086	CABLE TIE 11-3/8" STD
24	8	DP4296	CABLE TIE 33"
25	1	DP4397	SWIVEL, 1-1/4 MP X 1-1/4 FP

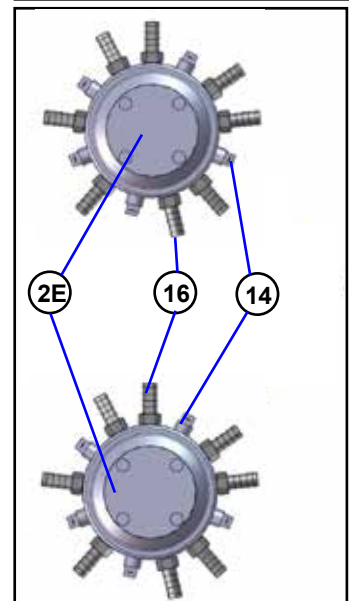
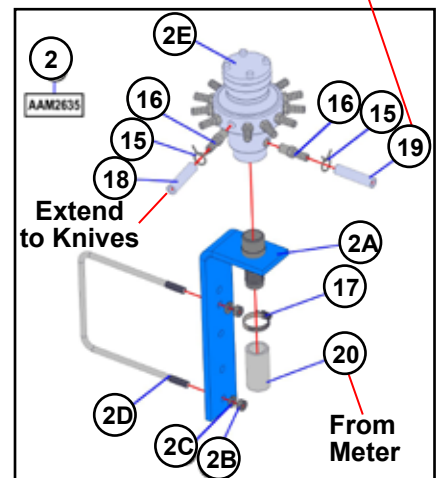
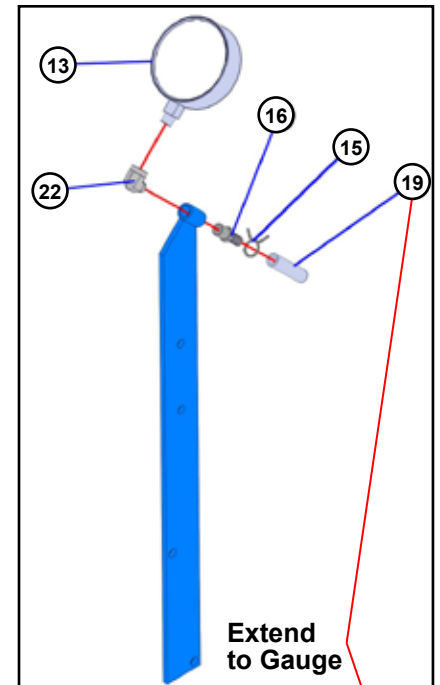
NOTE: 3/8" EVA hose comes partially pre-cut to length. Length of hose is determined by width of tool bar. Number of pre-cut sections are determined by number of rows.

Meter Assembly GDI200A With Dual Impellicone Manifold, (66000149) 17 Row 30

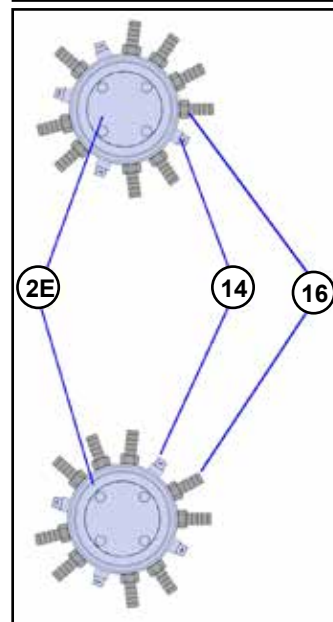
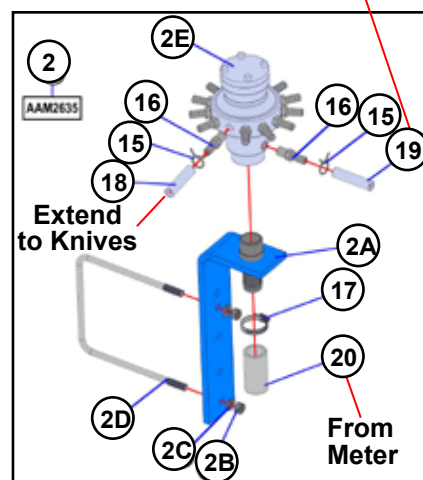
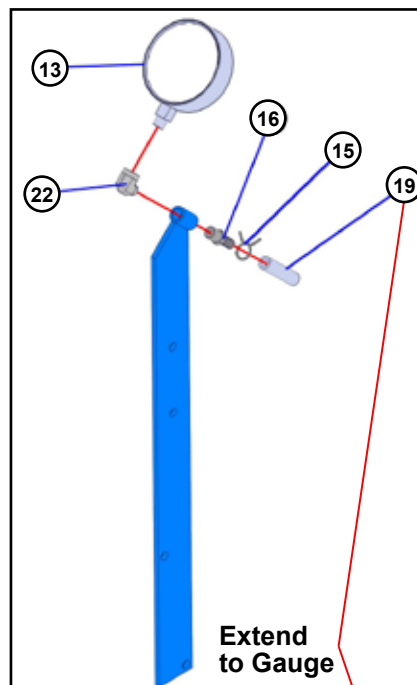
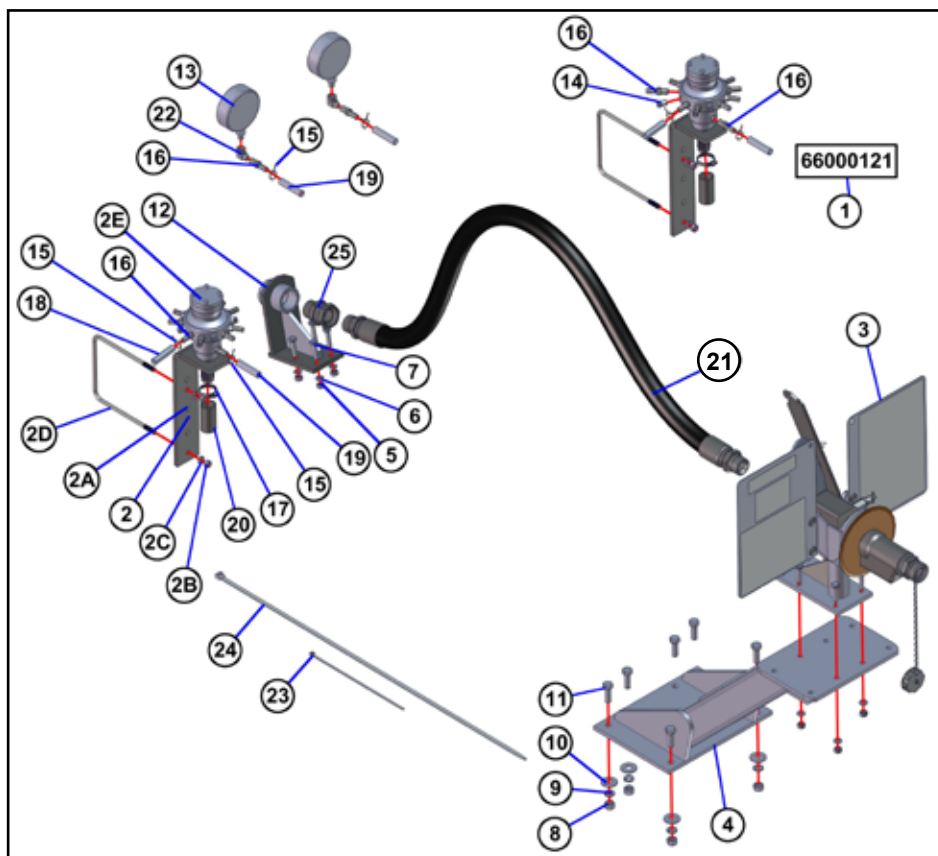


BOM ID	Qty	Item No	Description
1	1	66000149	GDI200A W/DUAL IMPELLICONE MANIFOLD, AT60, 17R30
2	2	AAM2635	IMPELLICONE 13 PORT, W/ MOUNT & HARDWARE, 6 X 6
2A	2	AM7639	BRACKET, IMPELLICONE MOUNT
2B	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
2C	4	BP3002	WASHER, LOCK, 3/8", PLATED
2D	2	BP3351	U-BOLT, 3/8"-16 X 6W X 7L, PLATED
2E	2	CP2564	IMPELLICONE, 13 PORT
3	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
4	1	AM6277	SUPERSHOOTER RISER, AUTO-LOK HITCH
5	8	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
6	8	BP3002	WASHER, LOCK, 3/8", PLATED
7	8	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
8	6	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
9	6	BP3043	WASHER, LOCK, 1/2", PLATED
10	6	BP3050	WASHER, FLAT, 1/2", PLATED
11	6	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
12	1	CM2312	BRACKET, COUPLER, SINGLE, 1-1/4" NPT
13	2	CP2100	GAUGE, NH3, 0-100 PSI, 4" CASE
14	9	CP2304	PLUG, 1/4" PIPE, SQUARE HEAD
15	38	CP2305	3/8" WIRE CLAMP
16	21	CP2308	HOSE BARB
17	4	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1" TUBING, SS
18	17	CCP2562	HOSE, EVA, 3/8" X 18' (CP2598 SCORED @ 18' BLACK)
19	2	CCP2565	HOSE, EVA, 3/8" X 25' (CP2598 SCORED @ 25' BLACK)
20	2	CP3001	HOSE, EVA, 1" REINFORCED X 180" (15') WITH TIE & TAG
21	1	CP2593	HOSE, NH3, 1-1/4" X 64"
22	2	DP4012	STREET ELBOW, 4MP-4FP, 90°
23	17	DP4086	CABLE TIE 11-3/8" STD
24	9	DP4296	CABLE TIE 33"
25	1	DP4397	SWIVEL, 1-1/4 MP X 1-1/4 FP

NOTE: 3/8 EVA hose comes partially pre-cut to length. Length of hose is determined by width of tool bar. Number of pre-cut sections are determined by number of rows.



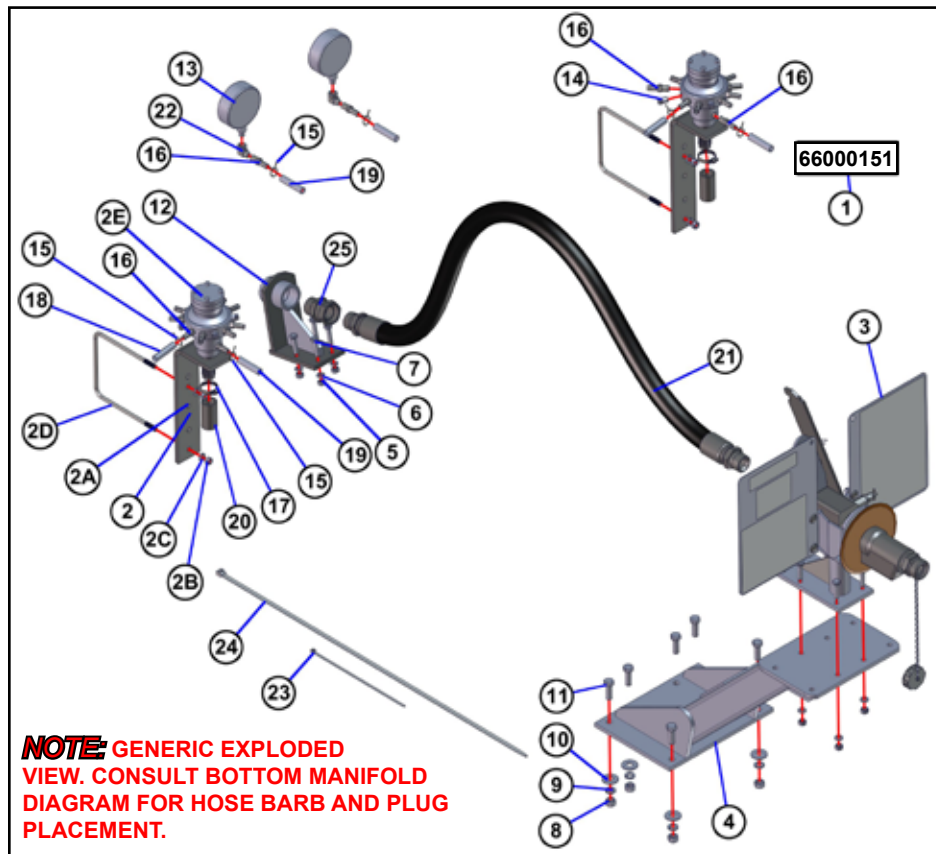
Meter Assembly GDI200A With Dual Impellicone Manifold, (66000121) 18 Row 30



BOM ID	Qty	Item No	Description
1	1	66000121	GDI200A W/DUAL IMPELLICO MANIFOLD, AT60, 18R30
2	2	AAM2635	IMPELLICONE 13 PORT, W/ MOUNT & HARDWARE, 6 X 6
2A	2	AM7639	BRACKET, IMPELLICONE MOUNT
2B	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
2C	4	BP3002	WASHER, LOCK, 3/8", PLATED
2D	2	BP3351	U-BOLT, 3/8"-16 X 6W X 7L, PLATED
2E	2	CP2564	IMPELLICONE, 13 PORT
3	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
4	1	AM6277	SUPERSHOOTER RISER, AUTO-LOK HITCH
5	8	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
6	8	BP3002	WASHER, LOCK, 3/8", PLATED
7	8	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
8	6	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
9	6	BP3043	WASHER, LOCK, 1/2", PLATED
10	6	BP3050	WASHER, FLAT, 1/2", PLATED
11	6	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
12	1	CM2312	BRACKET, COUPLER, SINGLE, 1-1/4" NPT
13	2	CP2100	GAUGE, NH3, 0-100 PSI, 4" CASE
14	8	CP2304	PLUG, 1/4" PIPE, SQUARE HEAD
15	40	CP2305	3/8" WIRE CLAMP
16	22	CP2308	HOSE BARB
17	4	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1" TUBING, SS
18	18	CCP2563	HOSE, EVA, 3/8" X 20' (CP2598 SCORED @ 20' BLACK)
19	2	CCP2565	HOSE, EVA, 3/8" X 25' (CP2598 SCORED @ 25' BLACK)
20	2	CP3001	HOSE, EVA, 1" REINFORCED X 180" (15') WITH TIE & TAG
21	1	CP2593	HOSE, NH3, 1-1/4" X 64"
22	2	DP4012	STREET ELBOW, 4MP-4FP, 90°
23	18	DP4086	CABLE TIE 11-3/8" STD
24	8	DP4296	CABLE TIE 33"
25	1	DP4397	SWIVEL, 1-1/4 MP X 1-1/4 FP

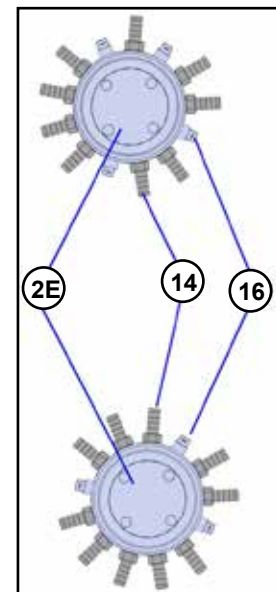
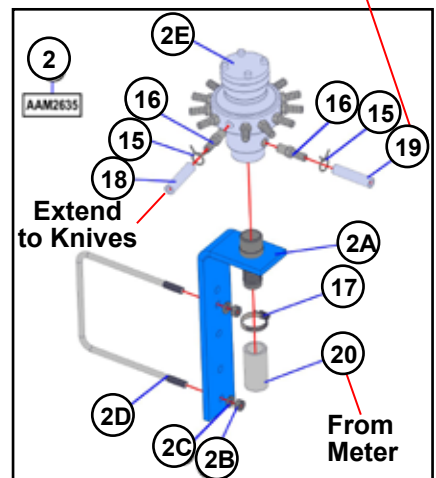
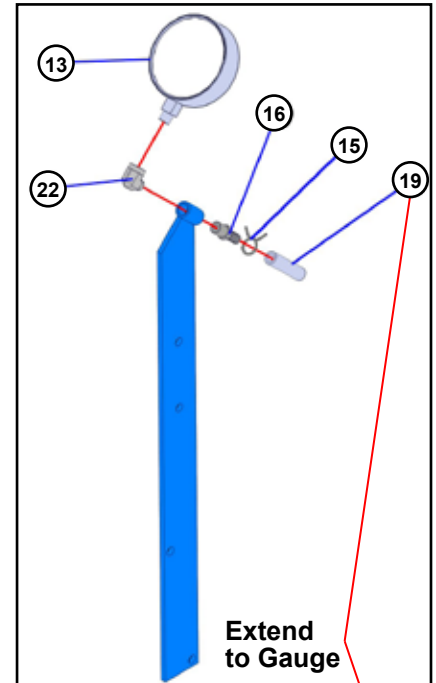
NOTE: 3/8 EVA hose comes partially pre-cut to length. Length of hose is determined by width of tool bar. Number of pre-cut sections are determined by number of rows.

Meter Assembly GDI200A W/Dual Impellicone Manifold, (55000151) 19 Row 30

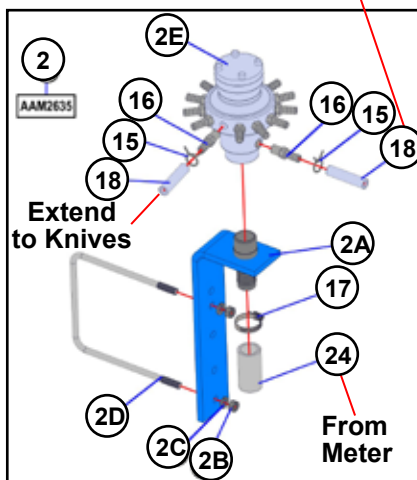
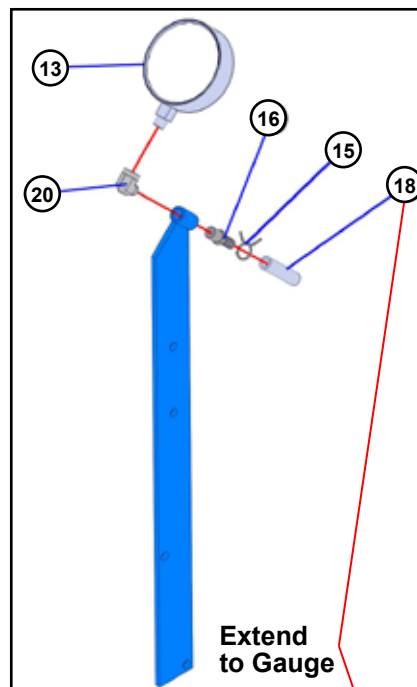
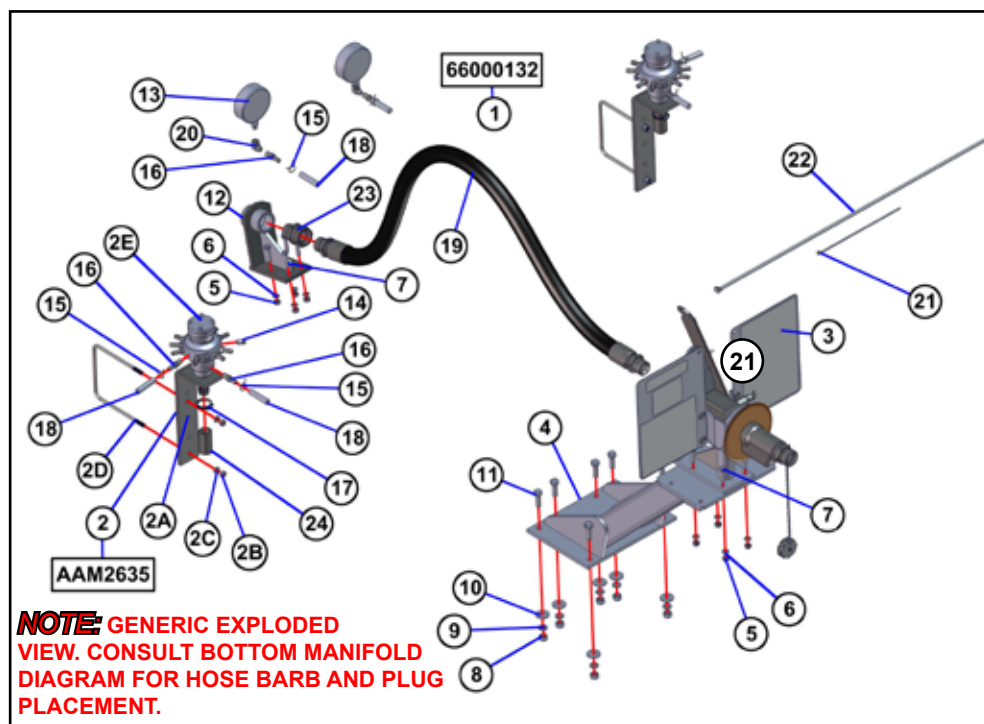


BOM ID	Qty	Item No	Description
1	1	55000151	GDI200A W/DUAL IMPELLICO MANIFOLD, AT60, 19R30
2	2	AAM2635	IMPELLICONE 13 PORT, W/ MOUNT & HARDWARE, 6 X 6
2A	2	AM7639	BRACKET, IMPELLICONE MOUNT
2B	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
2C	4	BP3002	WASHER, LOCK, 3/8", PLATED
2D	2	BP3351	U-BOLT, 3/8"-16 X 6W X 7L, PLATED
2E	2	CP2564	IMPELLICONE, 13 PORT
3	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
4	1	AM6277	SUPERSHOOTER RISER, AUTO-LOK HITCH
5	8	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
6	8	BP3002	WASHER, LOCK, 3/8", PLATED
7	8	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
8	6	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
9	6	BP3043	WASHER, LOCK, 1/2", PLATED
10	6	BP3050	WASHER, FLAT, 1/2", PLATED
11	6	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
12	1	CM2312	BRACKET, COUPLER, SINGLE, 1-1/4" NPT
13	2	CP2100	GAUGE, NH3, 0-100 PSI, 4" CASE
14	7	CP2304	PLUG, 1/4" PIPE, SQUARE HEAD
15	42	CP2305	3/8" WIRE CLAMP
16	23	CP2308	HOSE BARB
17	4	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1" TUBING, SS
18	19	CCP2563	HOSE, EVA, 3/8" X 20' (CP2598 SCORED @ 20' BLACK)
19	2	CCP2565	HOSE, EVA, 3/8" X 25' (CP2598 SCORED @ 25' BLACK)
20	2	CP3001	HOSE, EVA, 1" REINFORCED X 180" (15') WITH TIE & TAG
21	1	CP2593	HOSE, NH3, 1-1/4" X 64"
22	2	DP4012	STREET ELBOW, 4MP-4FP, 90°
23	19	DP4086	CABLE TIE 11-3/8" STD
24	9	DP4296	CABLE TIE 33"
25	1	DP4397	SWIVEL, 1-1/4 MP X 1-1/4 FP

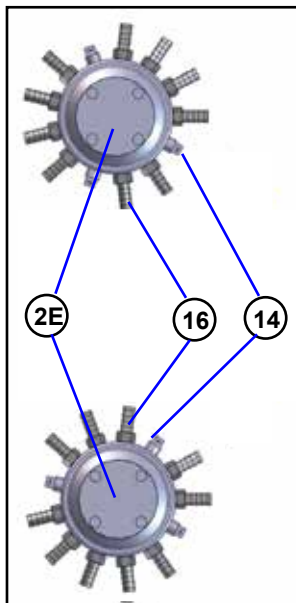
NOTE: 3/8 EVA hose comes partially pre-cut to length. Length of hose is determined by width of tool bar. Number of pre-cut sections are determined by number of rows.



Dual Impellicone Manifold Distribution (66000132) 20 Row 30"

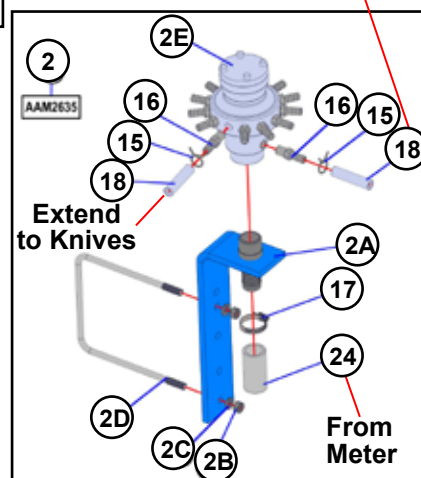
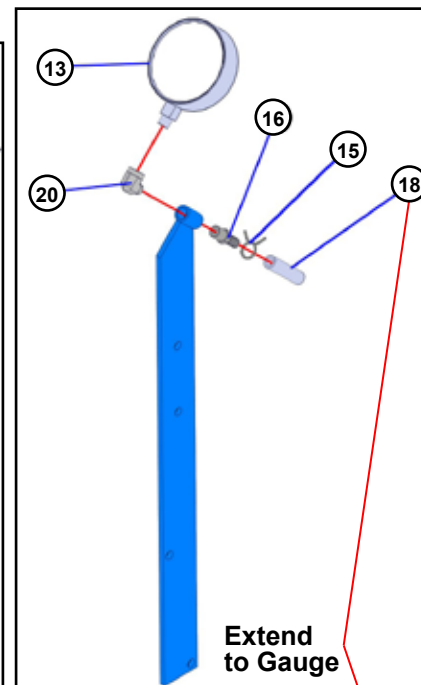
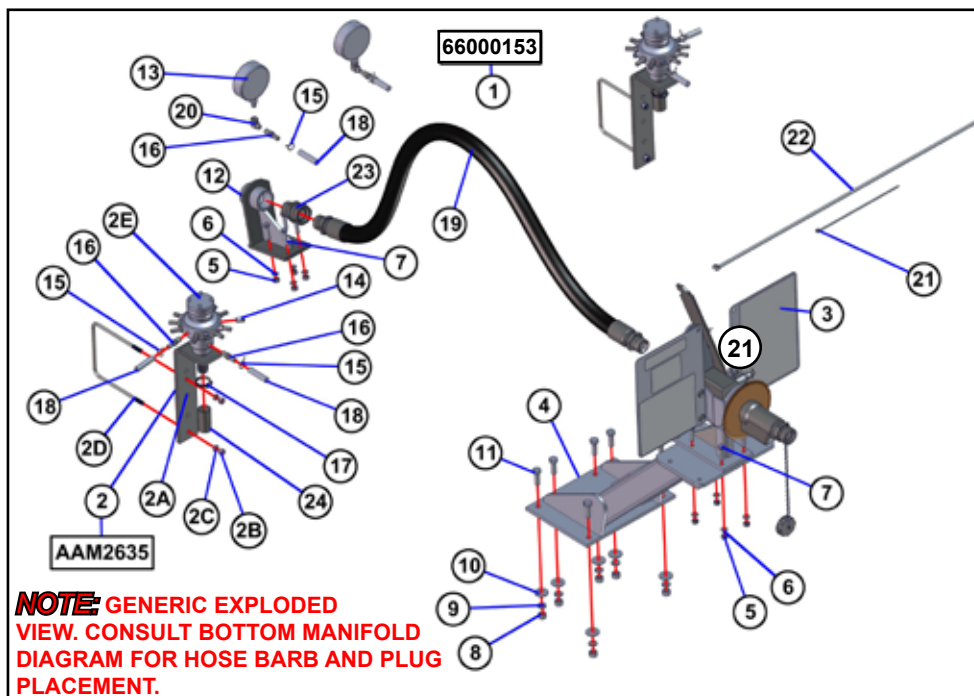


BOM ID	Qty	Item No	Description
1	1	66000132	GDI200A W DUAL IMPELLICO MANIFOLD, AT5,6 20R30
2	2	AAM2635	IMPELLICONE 13 PORT, W/ MOUNT & HARDWARE, 6 X 6
2A	2	AM7639	BRACKET, IMPELLICONE MOUNT
2B	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
2C	4	BP3002	WASHER, LOCK, 3/8", PLATED
2D	2	BP3351	U-BOLT, 3/8"-16 X 6W X 7L, PLATED
2E	2	CP2564	IMPELLICONE, 13 PORT
3	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
4	1	AM6277	SUPERSHOOTER RISER, AUTO-LOK HITCH
5	8	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
6	8	BP3002	WASHER, LOCK, 3/8", PLATED
7	8	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
8	6	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
9	6	BP3043	WASHER, LOCK, 1/2", PLATED
10	6	BP3050	WASHER, FLAT, 1/2", PLATED
11	6	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
12	1	CM2312	BRACKET, COUPLER, SINGLE, 1-1/4" NPT
13	2	CP2100	GAUGE, NH3, 0-100 PSI, 4" CASE
14	6	CP2304	PLUG, 1/4" PIPE, SQUARE HEAD
15	44	CP2305	3/8" WIRE CLAMP
16	25	CP2308	HOSE BARB
17	4	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1" TUBING, SS
18	22	CCP2565	HOSE, EVA, 3/8" 25 FT LONG
19	1	CP2593	HOSE, NH3, 1-1/4" X 64"
20	2	DP4012	STREET ELBOW, 4MP-4FP, 90°
21	20	DP4086	CABLE TIE 11-3/8" STD
22	10	DP4296	CABLE TIE 33"
23	1	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
24	2	CP3001	HOSE END, EVA, 1" REINFORCED X 180 (15') W/TIE & TAG



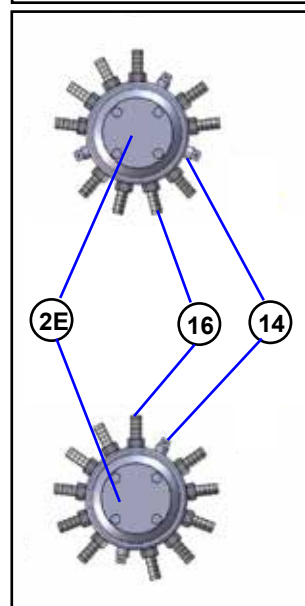
NOTE 3/8 EVA hose comes partially pre-cut to length. Length of hose is determined by width of tool bar. Number of pre-cut sections are determined by number of rows.

Dual Impellicone Manifold Distribution (66000153) 21 Row 30"

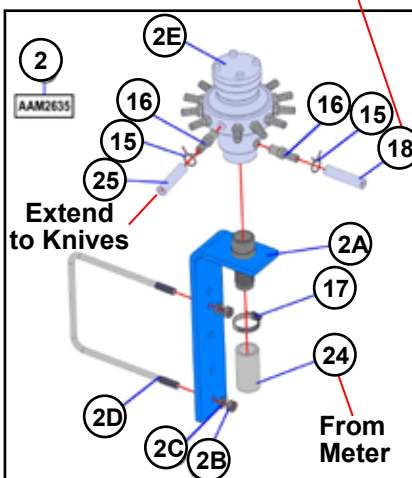
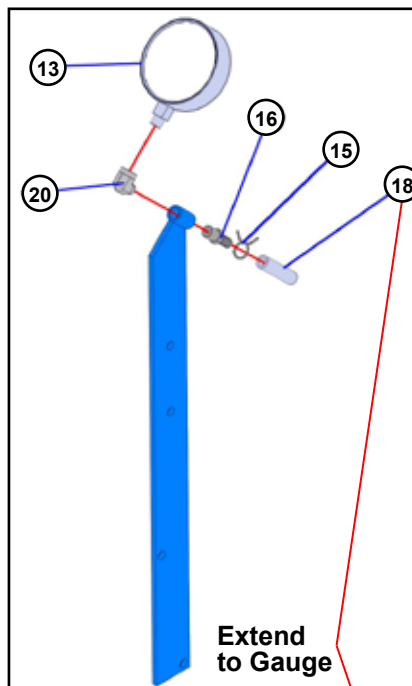
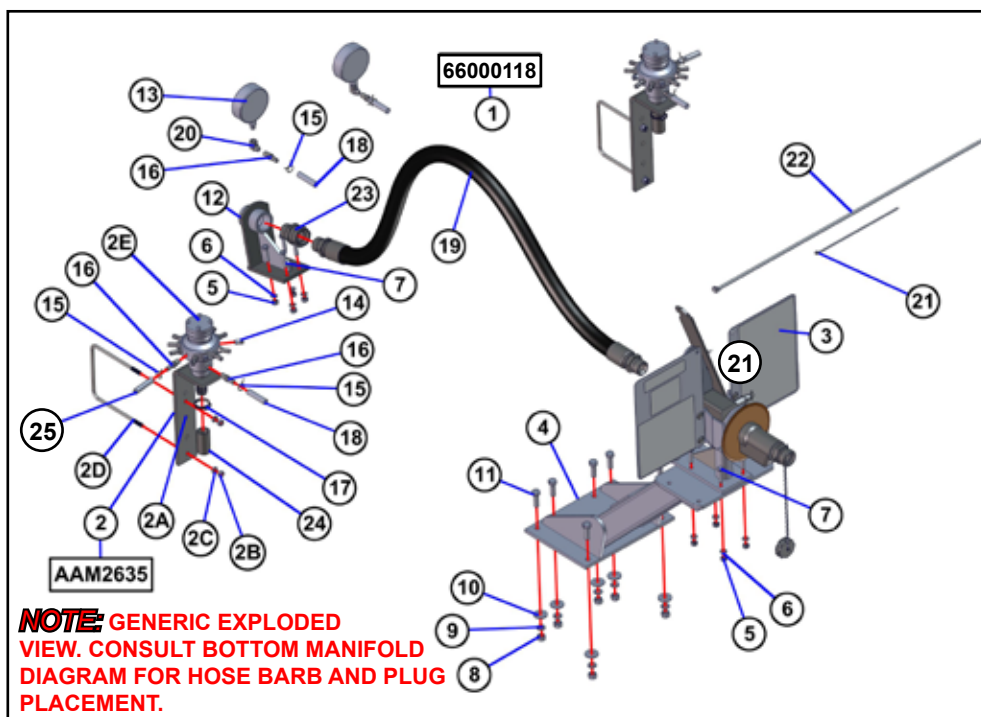


BOM ID	Qty	Item No	Description
1	1	66000153	GDI200A W DUAL IMPELLICO MANIFOLD, AT5,6 21R30
2	2	AAM2635	IMPELLICONE 13 PORT, W/ MOUNT & HARDWARE, 6 X 6
2A	2	AM7639	BRACKET, IMPELLICONE MOUNT
2B	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
2C	4	BP3002	WASHER, LOCK, 3/8", PLATED
2D	2	BP3351	U-BOLT, 3/8"-16 X 6W X 7L, PLATED
2E	2	CP2564	IMPELLICONE, 13 PORT
3	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
4	1	AM6277	SUPERSHOOTER RISER, AUTO-LOK HITCH
5	8	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
6	8	BP3002	WASHER, LOCK, 3/8", PLATED
7	8	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
8	6	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
9	6	BP3043	WASHER, LOCK, 1/2", PLATED
10	6	BP3050	WASHER, FLAT, 1/2", PLATED
11	6	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
12	1	CM2312	BRACKET, COUPLER, SINGLE, 1-1/4" NPT
13	2	CP2100	GAUGE, NH3, 0-100 PSI, 4" CASE
14	6	CP2304	PLUG, 1/4" PIPE, SQUARE HEAD
15	46	CP2305	3/8" WIRE CLAMP
16	26	CP2308	HOSE BARB
17	4	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1" TUBING, SS
18	23	CCP2565	HOSE, EVA, 3/8" 25 FT LONG
19	1	CP2593	HOSE, NH3, 1-1/4" X 64"
20	2	DP4012	STREET ELBOW, 4MP-4FP, 90°
21	21	DP4086	CABLE TIE 11-3/8" STD
22	10	DP4296	CABLE TIE 33"
23	1	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
24	2	CP3001	HOSE END, EVA, 1" REINFORCED X 180 (15') W/TIE & TAG

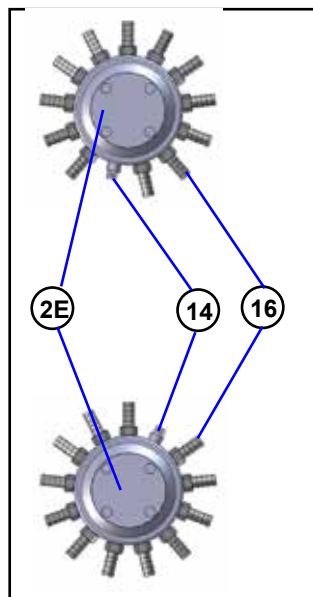
NOTE: 3/8" EVA hose comes partially pre-cut to length. Length of hose is determined by width of tool bar. Number of pre-cut sections are determined by number of rows.



Dual Impellicone Manifold Distribution (66000118) 24 Row 20"

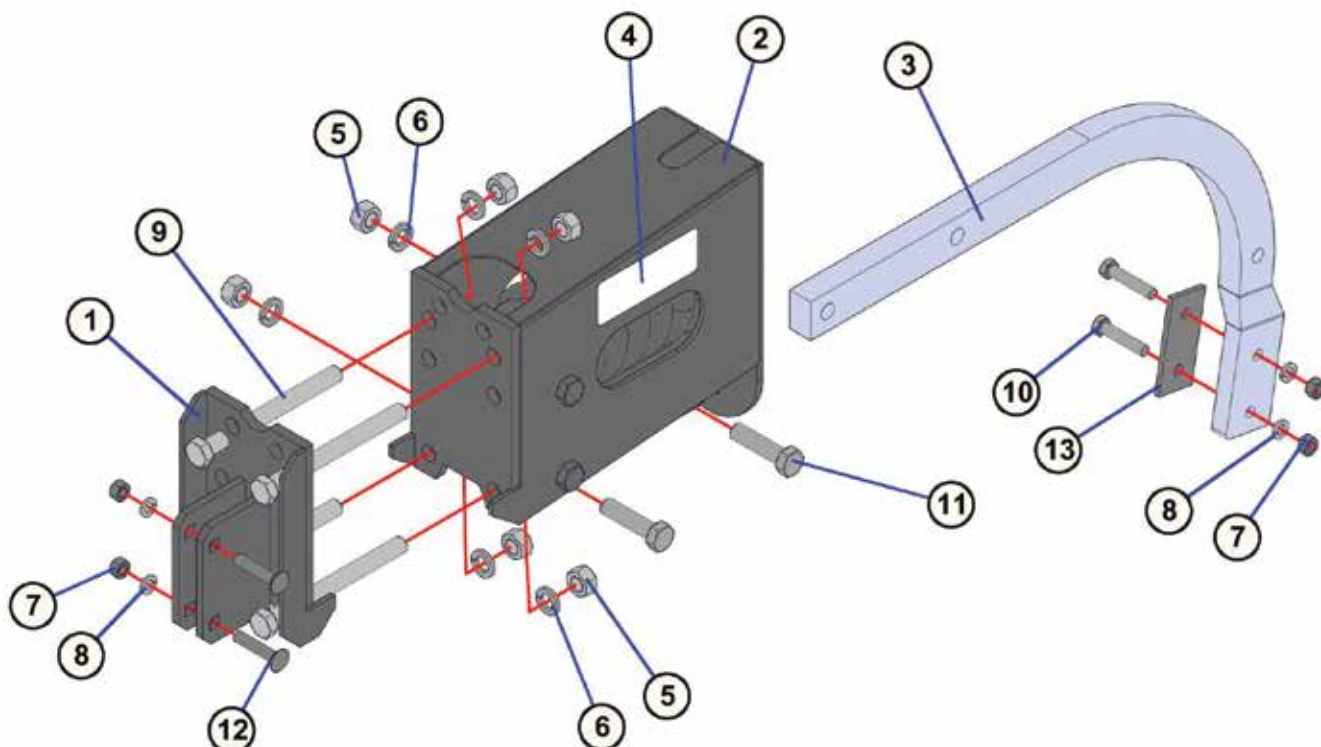


BOM ID	Qty	Item No	Description
1	1	66000118	GDI200A W DUAL IMPELLICO MANIFOLD, AT5,6 24R20
2	2	AAM2635	IMPELLICONE 13 PORT, W/ MOUNT & HARDWARE, 6 X 6
2A	2	AM7639	BRACKET, IMPELLICONE MOUNT
2B	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
2C	4	BP3002	WASHER, LOCK, 3/8", PLATED
2D	2	BP3351	U-BOLT, 3/8"-16 X 6W X 7L, PLATED
2E	2	CP2564	IMPELLICONE, 13 PORT
3	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
4	1	AM6277	SUPERSHOOTER RISER, AUTO-LOK HITCH
5	8	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
6	8	BP3002	WASHER, LOCK, 3/8", PLATED
7	8	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
8	6	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
9	6	BP3043	WASHER, LOCK, 1/2", PLATED
10	6	BP3050	WASHER, FLAT, 1/2", PLATED
11	6	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
12	1	CM2312	BRACKET, COUPLER, SINGLE, 1-1/4" NPT
13	2	CP2100	GAUGE, NH3, 0-100 PSI, 4" CASE
14	2	CP2304	PLUG, 1/4" PIPE, SQUARE HEAD
15	52	CP2305	3/8" WIRE CLAMP
16	28	CP2308	HOSE BARB
17	4	CP2314	HOSE CLAMP, WORM GEAR, 1/2" - 1" TUBING, SS
18	2	CCP2565	HOSE, EVA, 3/8" 25 FT LONG
19	1	CP2593	HOSE, NH3, 1-1/4" X 64"
20	2	DP4012	STREET ELBOW, 4MP-4FP, 90°
21	24	DP4086	CABLE TIE 11-3/8" STD
22	12	DP4296	CABLE TIE 33"
23	1	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
24	2	CP3001	HOSE END, EVA, 1" REINFORCED X 180 (15') W/TIE & TAG
25	24	CCP2562	HOSE, EVA, 18" 25 FT LONG

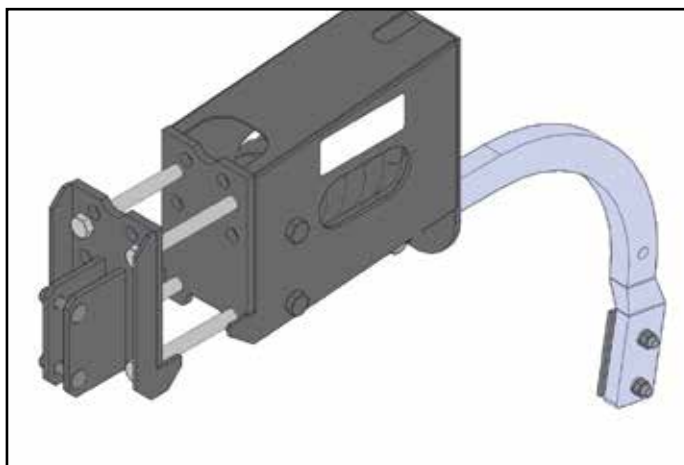
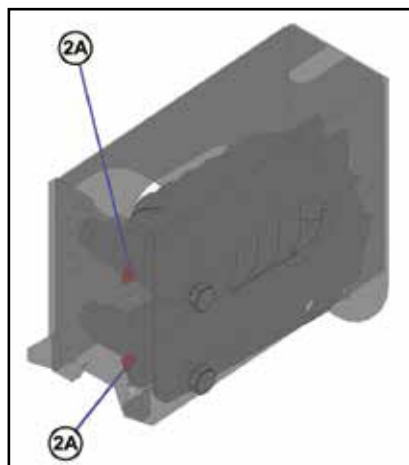


NOTE 3/8 EVA hose comes partially pre-cut to length. Length of hose is determined by width of tool bar. Number of pre-cut sections are determined by number of rows.

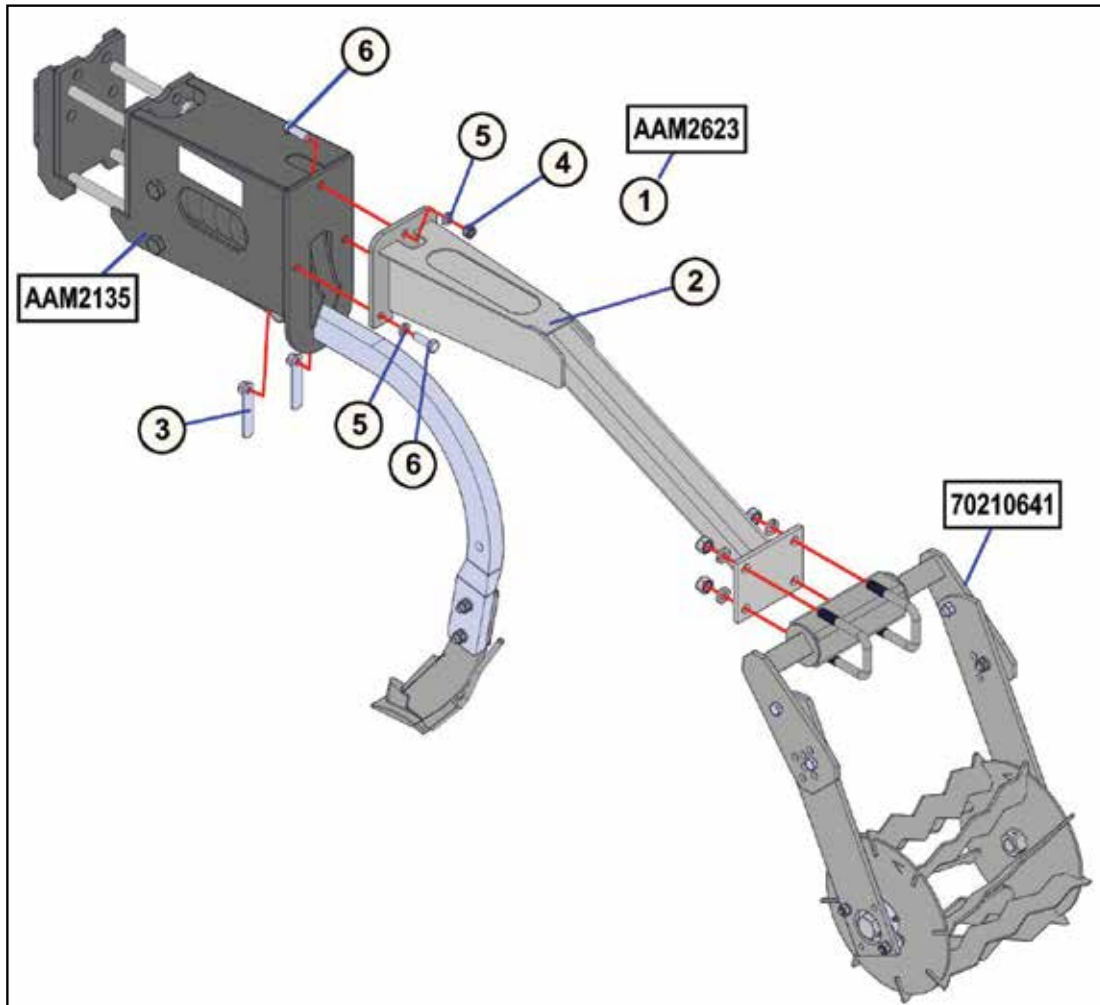
MaxPac AR700 6" Tube (AAM2135)



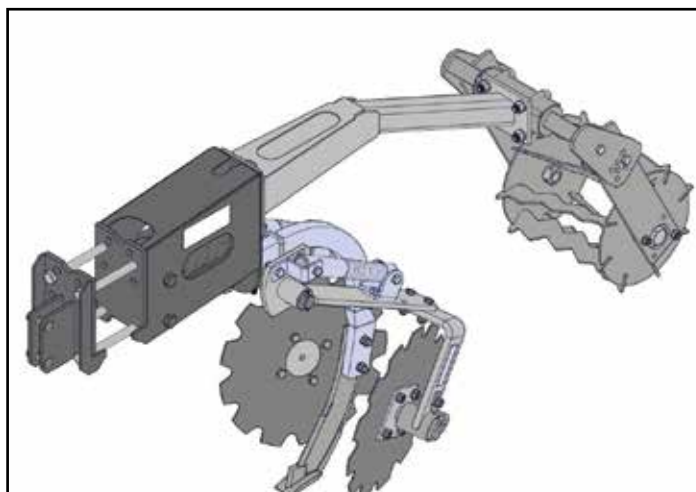
BOM ID	Qty	Item No	Description
1	1	AM2262	BACKING PLATE, ROW MOUNT WITH COULTER MOUNT, AR700
2	1	AM2264	ASSEMBLY, AR700 MAXPAC ROW UNIT
2A	2	BP3213	GREASE ZERK
3	1	AP2125	SHANK, 1-1/4" X 2" EDGE BENT
4	1	AP2976	DECALS, AR 700-MAX PAC, 2 1/4" X 6"
5	6	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
6	6	BP3035	WASHER, LOCK, 3/4", PLATED
7	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
8	4	BP3043	WASHER, LOCK, 1/2", PLATED
9	4	BP3095	HEX CAP SCREW, 3/4"-10 X 8", GRADE 5, PLATED
10	2	BP3128	HEX CAP SCREW, 1/2"-13 X 2-1/2", GRADE 5, PLATED
11	2	BP3141	HEX CAP SCREW, 3/4"-10 X 3", GRADE 5, PLATED
12	2	BP3229	BOLT, CARRIAGE, 1/2"-13 X 2-1/2", GRADE 5, PLATED
13	1	CM2311	KNIFE WASHER



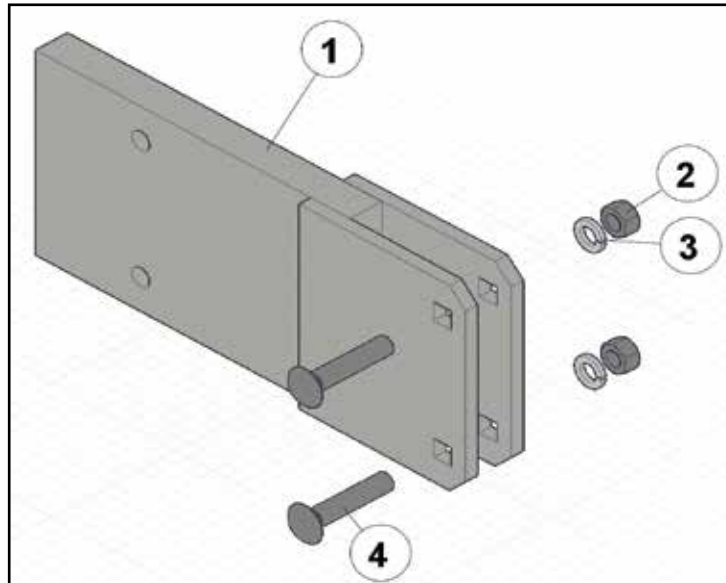
AAM2623 MaxPac Basket Mount Arm



BOM ID	Qty	Item No	Description
1	1	AAM2623	AR700 MAXPAC BASKET MOUNT
2	1	AM2271	BASKET MOUNT, MAXPAC
3	2	AM2273	WELDMENT, NUT PLATE
4	1	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
5	3	BP3043	WASHER, LOCK, 1/2", PLATED
6	3	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED

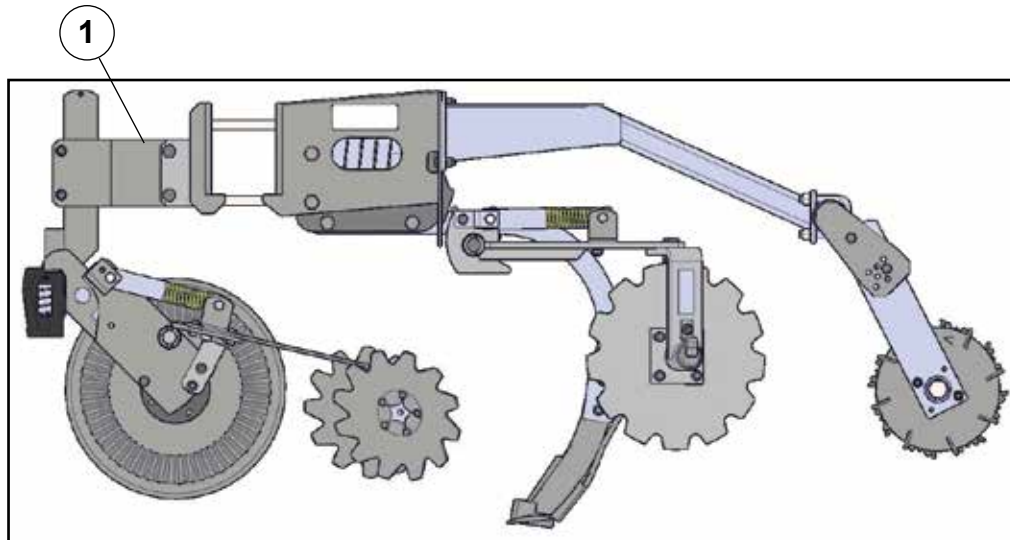


Coulter Extension Kit (9-7/8")



AAM2637 Coulter Bracket Extension Kit 9-7/8"
(Used when residue managers are mounted on coulters)

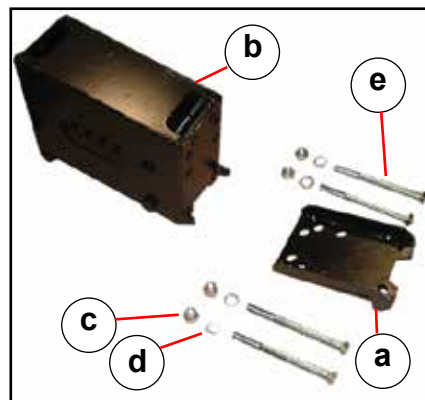
BOM ID	Qty	Item No	Description
1	1	AM2266	BRACKET, COULTER SHANK EXTENSION, (9-7/8")
2	2	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
3	2	BP3043	WASHER, LOCK, 1/2", PLATED
4	2	BP3229	BOLT, CARRIAGE, 1/2"-13 X 2-1/2", GRADE 5, PLATED



MaxPac AR700 Assembly

► **MaxPac AR700 row unit assembly**

1. MaxPac AR700 row Unit
 - a. AM2261 (1) backing plate, row unit AR 700 MaxPac row unit
 - b. AM 2264 (1) assembly, AR700 MaxPac row unit
 - c. BP3034 (6) nut, hex, 3/4"-10, grade 2, plated
 - d. BP3035 (6) washer, lock, 3/4", plated
 - e. BP3095 (4) hex cap screw, 3/4"-10 x 8", grade 5, plated
2. Insert (e) (BP3095) hex cap screws, 3/4"-10 x 8", into holes in (a) (AM 2261) backing plate. Select backing plate holes to match toolbar tube size. Raise (b) (AM2264) Assembly, AR700 MaxPac row unit and insert 3/4" hex cap screws. Insert (e) (BP3095) hex cap screws, 3/4"-10 x 8", into bottom holes of (a) (AM2261) backing plate.
3. Place (d) (BP3035) 3/4" lock washers and (c) (BP3034) 3/4" hex nuts on each 3/4" hex cap screws.
4. Tighten all four hex cap screws.



Generic Photo

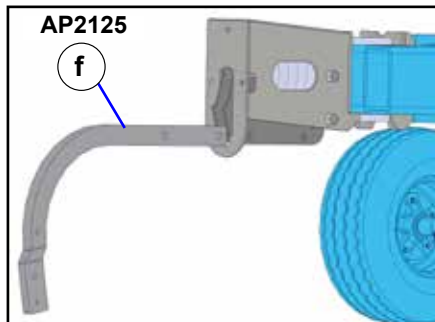


Generic Photo

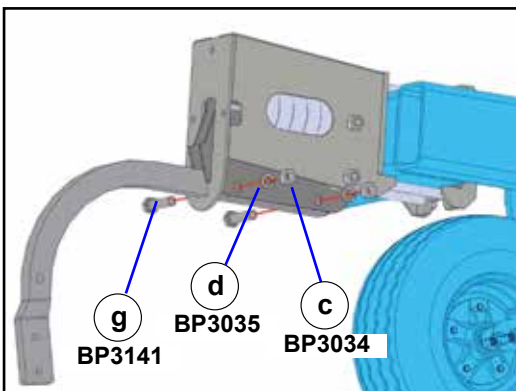
MaxPac AR700 Assembly

► **Installation of EdgeBent shank**

5. Insert (f) (AP2125) 1-1/4" x 2" EdgeBent shank.



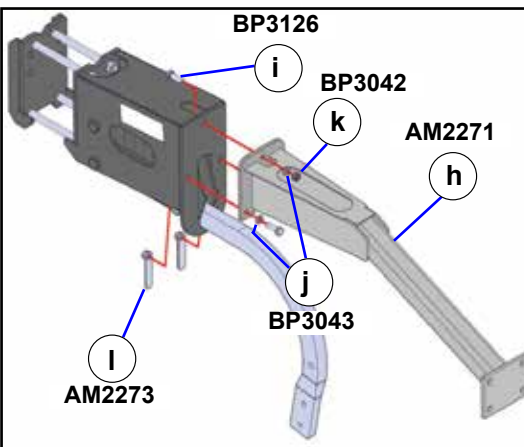
6. Install two (g) (BP3141) 3/4" x 3" hex cap screws through row unit weldment and shank. Secure with (d) (BP3035) 3/4" lock washers and (c) (BP3034) 3/4" hex nuts.



► **Installation of AAM2623 MaxPac basket**

7. Attach (h) (AM2271) basket mount to MaxPac assembly with three (i) (BP3126) 1/2" hex cap screws.

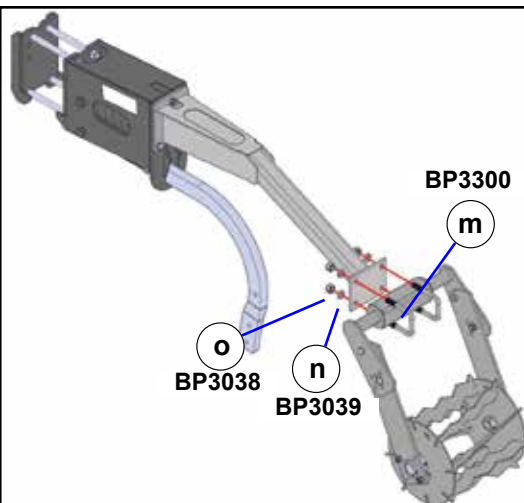
8. Secure with (j) (BP3043) 1/2" lock washers, one (k) (BP3042) 1/2" hex nut and two (l) (AM2273) nut plates.



► **Torsion arm mounting**

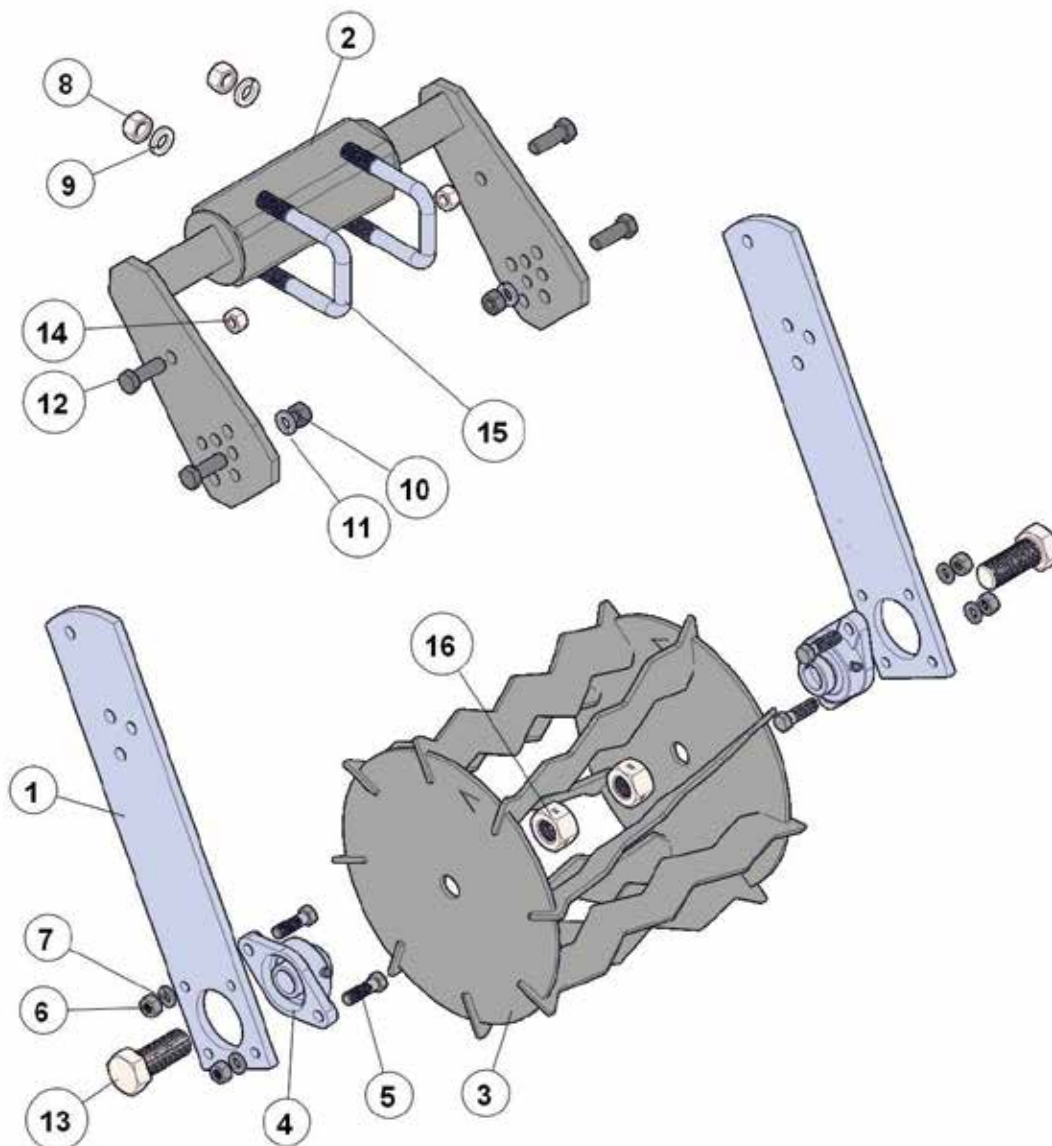
9. Attach torsion arm to basket mount with (m) (BP3300) u-bolt 5/8"-11 x 2-1/2"W x 4"L. Secure with (n) (BP3039) 5/8" lockwashers and (o) (BP3038) 5/8" hex nuts.

For complete torsion arm assembly instructions consult Torsion arm basket section.



Torsion Arm Basket (Short Arms)

► Bundle
Number
70210641



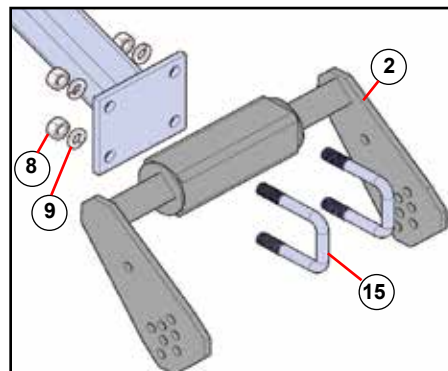
► **70210641 TORSION ARM & 12-3/4" BASKET ASSEMBLY, SHORT**

BOM ID	Qty	Item No	Description
1	2	AM2269	STRIPTILL BASKET MOUNT, SHORT (18-3/4")
2	1	AM7568	STRIPTILL TORSION SPRING ASSEMBLY
3	1	AM7615	BASKET, STRIPTILL, 12-3/4"
4	2	AP2144	HCFT205-16 BEARING
5	4	BP3012	HEX CAP SCREW, 7/16"-14 X 1-1/2, GRADE 5, PLATED
6	4	BP3016	NUT, HEX, 7/16"-14, GRADE 2, PLATED
7	4	BP3017	WASHER, LOCK, 7/16", PLATED
8	4	BP3038	NUT, HEX, 5/8"-11, GRADE 2
9	4	BP3039	WASHER, LOCK, 5/8", PLATED
10	2	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
11	2	BP3043	WASHER, LOCK, 1/2", PLATED
12	4	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
13	2	BP3199	HEX CAP SCREW, 1"-8 X 2-1/2", GRADE 5, PLATED
14	2	BP3244	NUT, HEX LOCK, 1/2"-13, PLATED
15	2	BP3300	U-BOLT, 5/8"-11 X 2-1/2" X 4", PLATED
16	2	BP3446	NUT, HEX LOCK, 1"-8, REVERSIBLE, PLATED

Torsion Arm Assembly

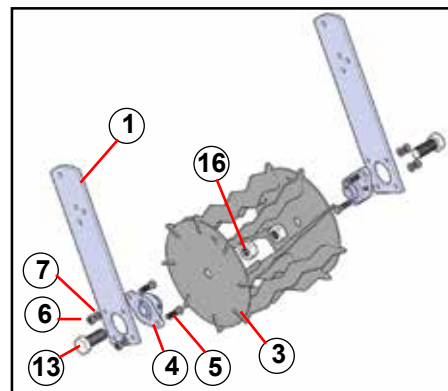
► Attaching torsion spring assembly

1. Attach (2) (AM7568) StripTill torsion spring assembly to rear of row mounting with (15) (BP3300) 5/8" x 2-1/2" x 4" u-bolts, (9) (BP3039) 5/8" lock washers and (8) (BP3038) 5/8" hex nuts.



► Attaching bearings and chopper basket to mounting arms

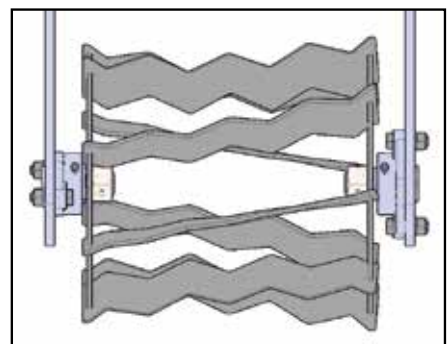
2. Attach (4) (AP2144) bearing 1", with/flange on (1) (AM2269) StripTill basket mounting short 18-3/4" with (5) (BP3012) 7/16" x 1-1/2" hex cap screws, (7) (BP3017) 7/16" lock washers and (6) (BP3016) 7/16" hex nuts. **Do not tighten hex nuts until the basket is installed.** Insert (13) (BP3199) 1"-8 x 2-1/2" hex cap screw into both bearing arm assemblies.



► **NOTE:**
Bearing lock collars not used

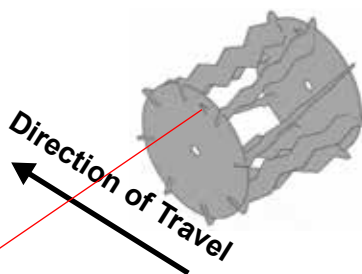
► Position chopper basket on torsion spring assembly

3. Insert (3) (AM7615) StripTill basket over 1" x 2-1/2" hex cap screw. Install (16) (BP3446) 1" center dimple lock nut. Place socket on 1" hex cap screw and tighten. Tighten bearing hex nuts.



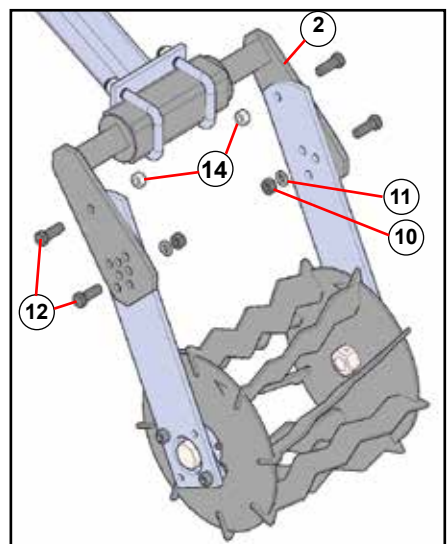
► **NOTE:**
Bearing lock collars are not used

► **NOTE:**
If the basket has an arrow on the side see diagram



► Centering chopper basket

4. Position chopper basket assembly on torsion spring assembly. Insert (12) (BP3126) 1/2" x 1-1/2" hex cap screws, top and bottom. Secure top pivot hex cap screws with (14) (BP3244) 1/2" lock hex nuts. Secure lower adjustable hex cap screws with (11) (BP3043) 1/2" lock washers and (10) (BP3042) 1/2" hex nuts. Hex nuts may be tightened.



► **NOTE:**
Insert the basket arms to the inside of the StripTill torsion spring (2)

(Diagram shows a starting position.)

Torsion Arm Mounting Brackets Rigid Fertilizer Rows

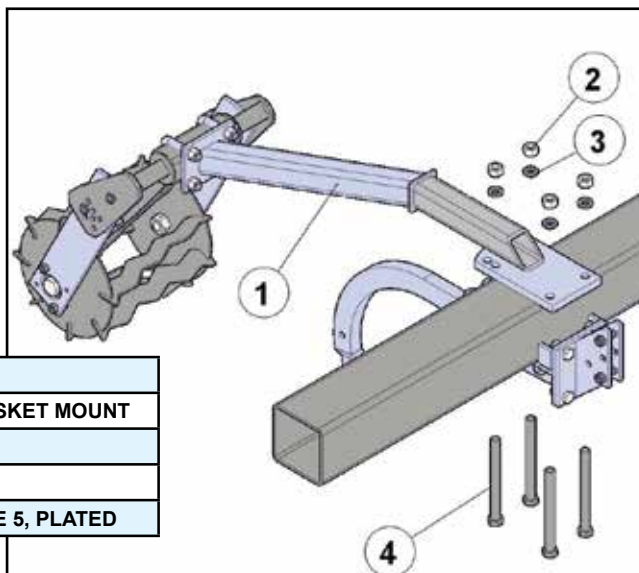
► Rigid Mounting

NOTE:

*Rigid row units
require Bundle
70210641 with (1)
AM 2269 shortened
arms*

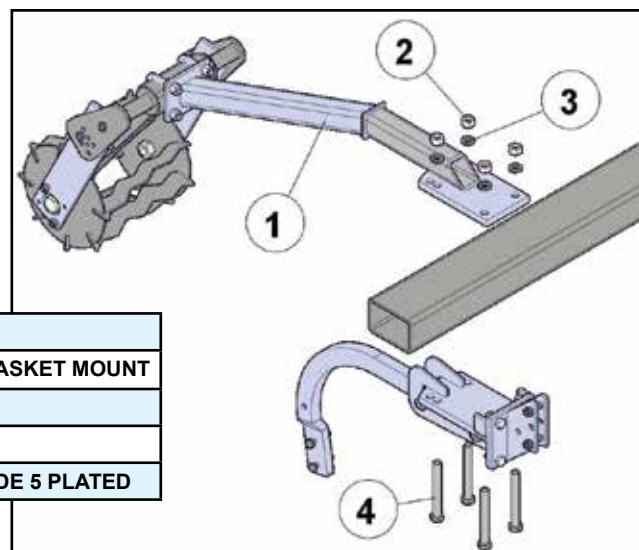
**Bundle 70210592 (6" x 6")
70210641**

BOM ID	Qty	Item No	Description
1	1	AM2272	BRACKET, RIGID/SCS, TORSION ARM BASKET MOUNT
2	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
3	4	BP3035	WASHER, LOCK, 3/4", PLATED
4	4	BP3176	HEX CAP SCREW, 3/4"-10 X 8-1/2", GRADE 5, PLATED

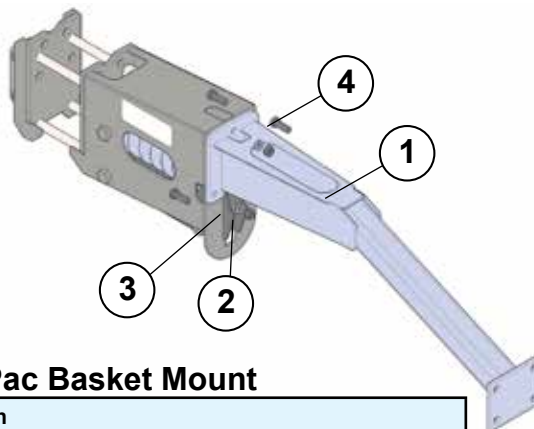


**Bundle 70210591 (4" x 6")
70210641**

BOM ID	Qty	Item No	Description
1	1	AM2272	BRACKET, RIGID/SCS, TORSION ARM BASKET MOUNT
2	4	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
3	4	BP3035	WASHER, LOCK, 3/4", PLATED
4	4	BP3036	HEX CAP SCREW, 3/4"-10 X 6-1/2", GRADE 5 PLATED



MaxPac AR700 Basket Mount



AAM2623 AR700 MaxPac Basket Mount

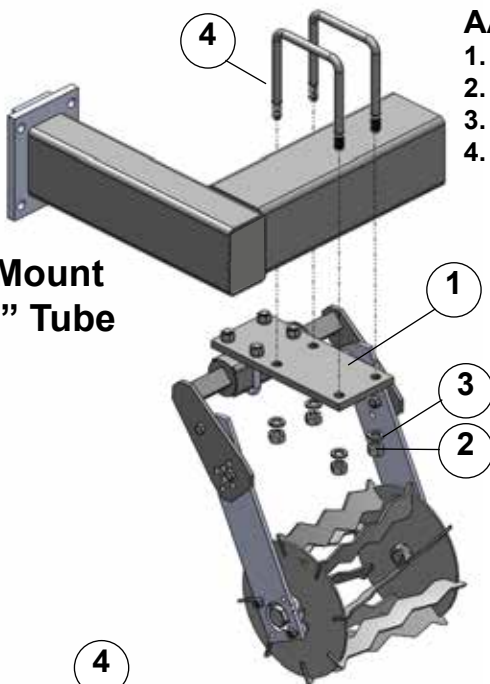
BOM ID	Qty	Item No	Description
1	1	AM2271	BASKET MOUNT, MAXPAC
2	3	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
3	3	BP3043	WASHER, LOCK, 1/2", PLATED
4	3	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED

Basket Mount Flat With Hardware

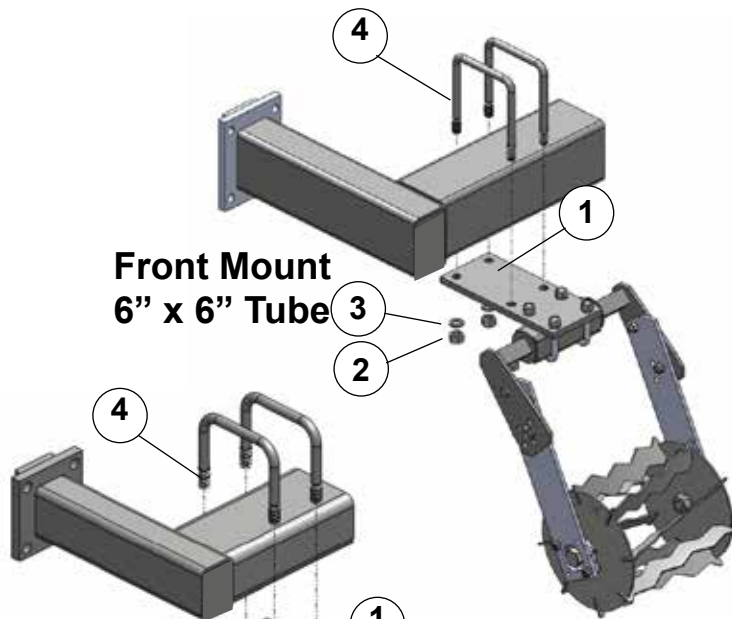
AAM2630 Basket Mount With/Hardware (6" x 6" tube)

- | | |
|-----------|--|
| 1. AM7637 | 1 Basket mount plate, 6 x 6, StripTill |
| 2. BP3034 | 4 Nut, hex, 3/4"-10, grade 2, plated |
| 3. BP3035 | 4 Washer, lock, 3/4", plated |
| 4. BP3350 | 2 U-bolt, 3/4"-10 x 6" x 7-7/16", plated |

**Rear Mount
6" x 6" Tube**

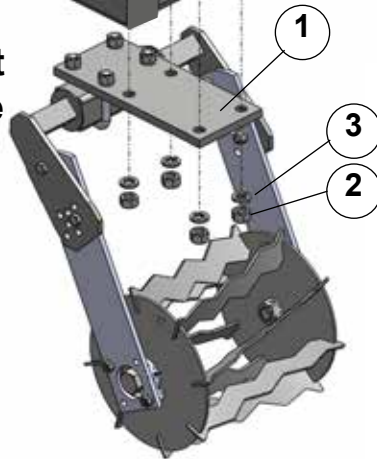
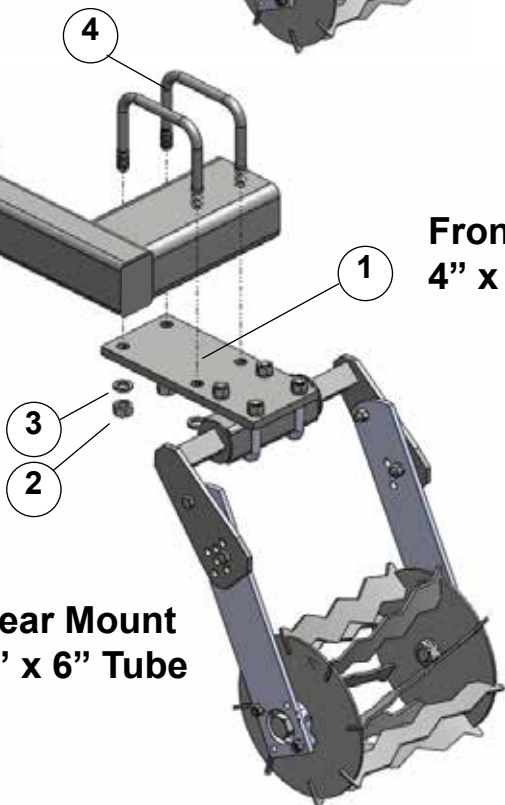


**Front Mount
6" x 6" Tube**



**Front Mount
4" x 6" Tube**

**Rear Mount
4" x 6" Tube**



AAM 2722 Basket Mount With Hardware (4" x 6" tube)

- | | |
|-----------|--|
| 1. AM7637 | 1 Basket mount plate, 6" x 6", StripTill |
| 2. BP3034 | 4 Nut, hex, 3/4"-10, grade 2, plated |
| 3. BP3035 | 4 Washer, lock, 3/4", plated |
| 4. BP3334 | 2 U-bolt, 3/4"-10 x 6" x 5-7/16", plated |



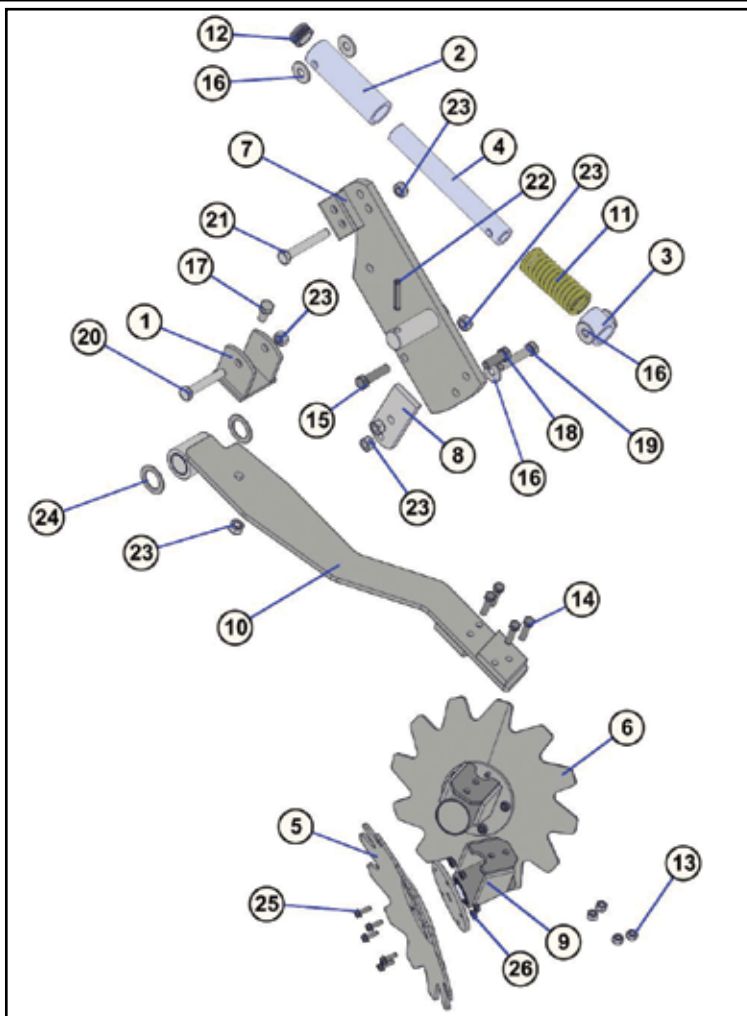
Front Mount



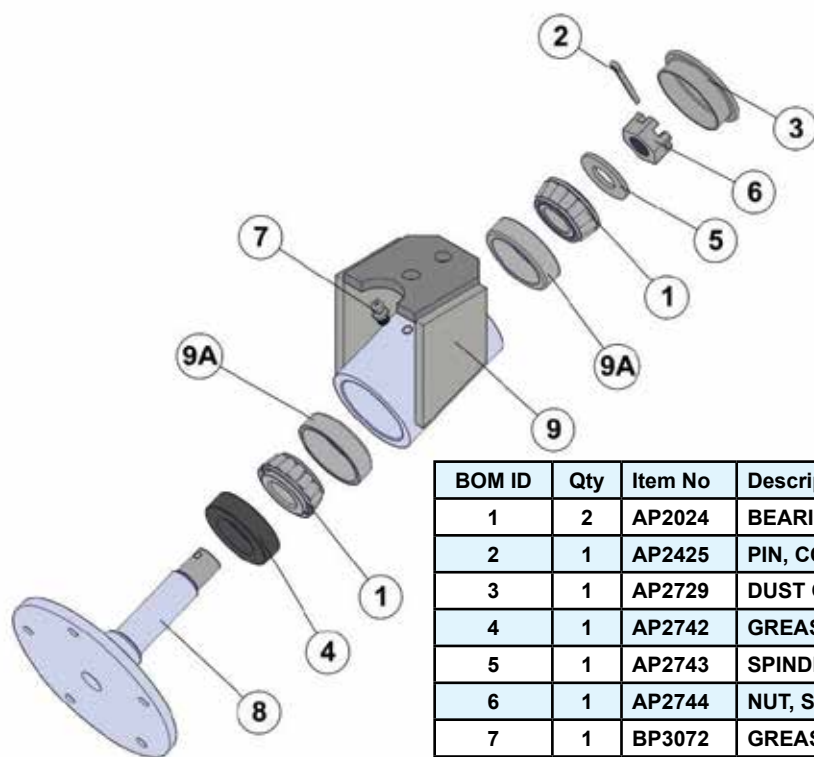
Rear Mount

StripTill Residue Manager

► Bundle Number
70210646



BOM ID	Qty	Item No	Description
1	1	AM2489	CLEVIS, SEALER SPRING, LOWER
2	1	AM2490	TUBE, UPPER SPRING
3	1	AM2491	BUSHING, SPRING COLLAR
4	1	AM2492	TUBE, SPRING GUIDE
5	1	AM7662	RESIDUE MANAGER BLADE, LEFT HAND
6	1	AM7663	RESIDUE MANAGER BLADE, RIGHT HAND
7	1	AM7667	BRACKET, PIVOT ARM/ SPRING MOUNT, RESIDUE MANAGER
8	1	AM7669	BRACKET, ARM STOP, RESIDUE MANAGER
9	2	AM7670	ASSEMBLY, BLADE MOUNTING, RESIDUE MANAGER
10	1	AM7671	MOUNT ARM WITH PIVOT TUBE, BOLT ON BLADE MOUNT, RESIDUE MANAGER
11	1	AP2997W	SPRING, 1.75" OD X 1.313" ID X 6.00"
12	1	AP3116	TUBE PLUG
13	4	BP3003	NUT, HEX LOCK, 3/8"-16, GRADE 2, PLATED
14	4	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
15	1	BP3041	HEX CAP SCREW, 1/2"-13 X 2", GRADE 5, PLATED
16	5	BP3050	WASHER, FLAT, 1/2", PLATED
17	1	BP3125	HEX CAP SCREW, 1/2"-13 X 1", GRADE 5, PLATED
18	1	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
19	1	BP3128	HEX CAP SCREW, 1/2"-13 X 2-1/2", GRADE 5, PLATED
20	1	BP3129	HEX CAP SCREW, 1/2"-13 X 3", GRADE 5, PLATED
21	1	BP3130	HEX CAP SCREW, 1/2"-13 X 3-1/2", GRADE 5, PLATED
22	1	BP3162	PIN, ROLL, 3/8" X 2", PLATED
23	6	BP3244	NUT, HEX LOCK, 1/2"-13, PLATED
24	2	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14 GAUGE, PLATED
25	10	BP3366	HEX FLANGE BOLT, 1/4"-20 X 3/4", GRADE 8, PLATED
26	10	BP3367	NUT, HEX FLANGE, 1/4"-20, SERRATED, GRADE 2, PLATED

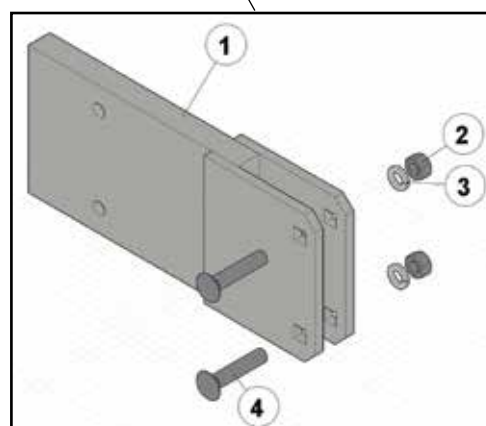
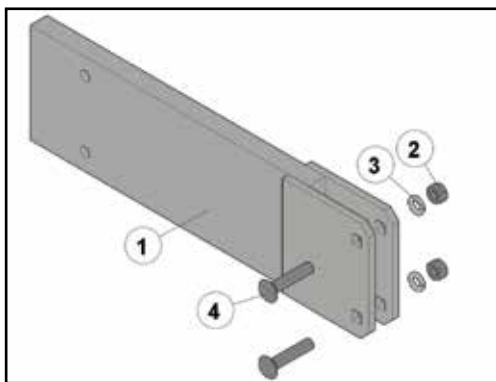
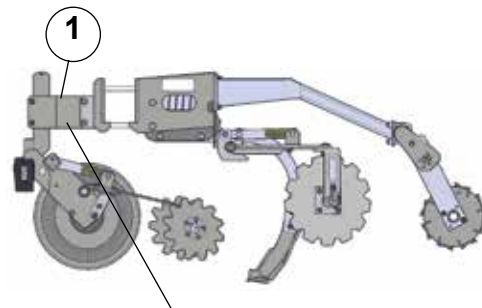


BOM ID	Qty	Item No	Description
1	2	AP2024	BEARING CONE, LM 11949
2	1	AP2425	PIN, COTTER, 1/8" X 1"
3	1	AP2729	DUST CAP
4	1	AP2742	GREASE SEAL, 10174VB
5	1	AP2743	SPINDLE WASHERS
6	1	AP2744	NUT, SPINDLE, 5/8"-18
7	1	BP3072	GREASE ZERK, 1/4"-28
8	1	EM3710	BLADE MOUNTING
9	1	EM6659	MOUNTING WITH CUPS, RESIDUE MANAGER
9A	2	AP2075	BEARING CUP, LM 11910

AAM2637 Coultter Bracket Extension Kit 9-7/8"

(Use when residue managers are mounted on coultters.)

BOM ID	Qty	Item No	Description
1	1	AM2266	BRACKET, COULTTER SHANK EXTENSION, 9-7/8")
2	2	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
3	2	BP3043	WASHER, LOCK, 1/2", PLATED
4	2	BP3229	BOLT, CARRIAGE, 1/2"-13 X 2-1/2", GRADE 5, PLATED



AAM2852 Coultter Bracket Extension Kit 16-7/8"

(Use when residue managers are mounted on coultters, SCS Spring Cushion.)

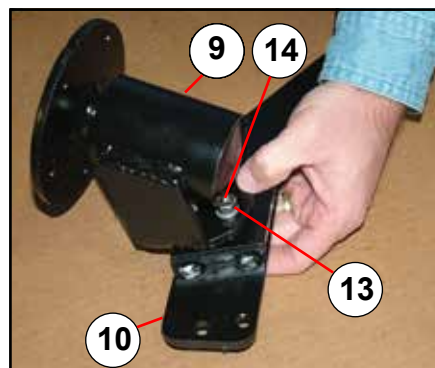
BOM ID	Qty	Item No	Description
1	1	AM2268	BRACKET, COULTTER SHANK EXTENSION, (16-7/8")
2	2	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
3	2	BP3043	WASHER, LOCK, 1/2", PLATED
4	2	BP3229	BOLT, CARRIAGE, 1/2"-13 X 2-1/2", GRADE 5, PLATED

Assembly (StripTill Residue Manager)

► Mounting residue manager blade assembly

► **NOTE:**
Right-hand
and
left-hand
as viewed
from the
rear

1. Place (10) (AM7671) mounting arm upside down and install (9) (AM7670) blade mount on the raised weldment and insert two (14) (BP3005) 3/8" x 1-1/2" from the top. Place (13) (BP3003) 3/8" hex lock nuts on hex cap screws.



2. Install (9) (AM7670) blade mount on lower weldment and insert two (14) (BP3005) 3/8" x 1-1/2" from the top. Place (13) (BP3003) 3/8" hex lock nuts on hex cap screws.

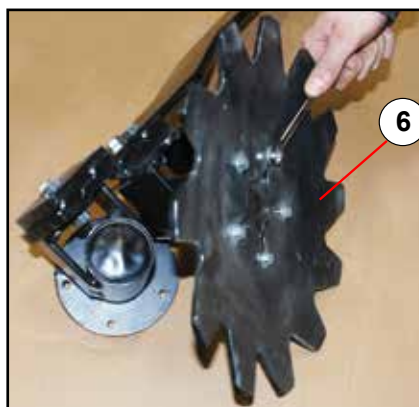
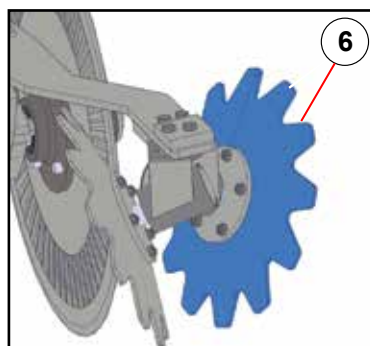
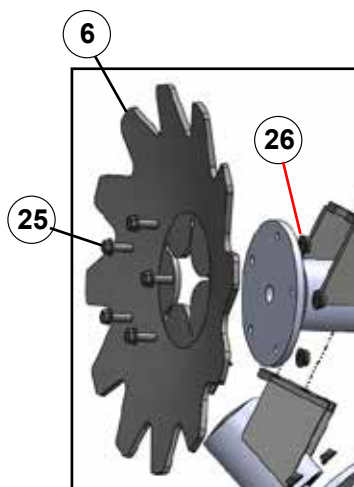


3. Tighten all four 3/8" hex lock nuts on the blade mounts.



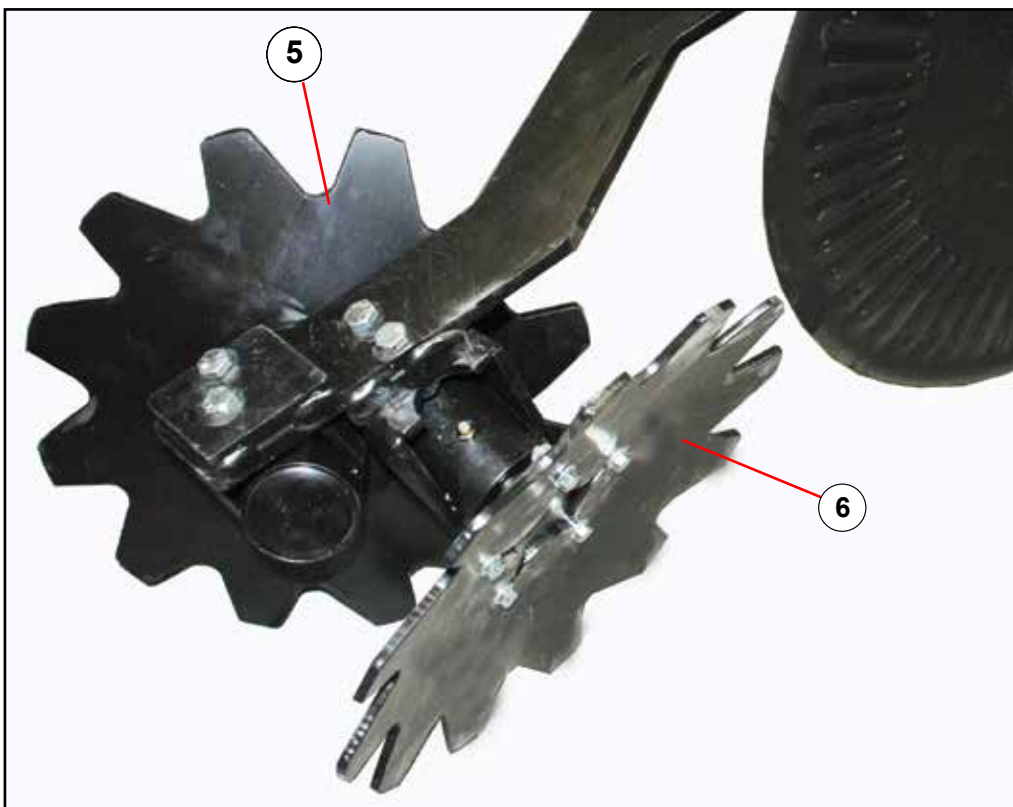
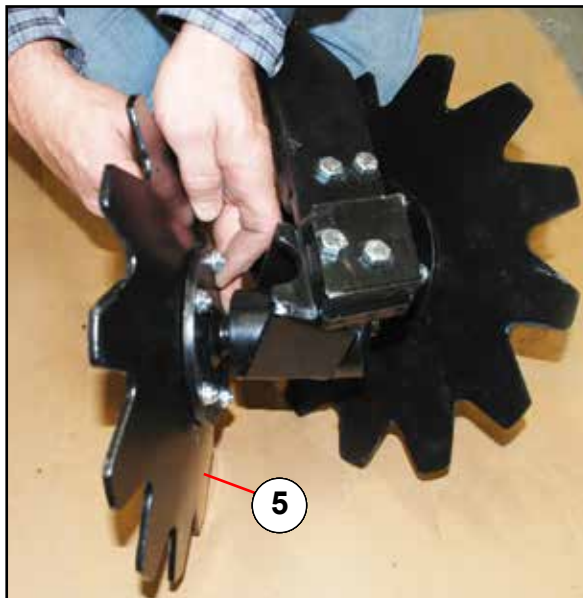
► Mounting residue manager blades

4. Attach (6) (AM7663) right-hand blade to hub on the raised blade mount with five (25) (BP3366) 1/4" x 3/4" hex flange bolts and (26) (BP3367) 1/4" hex flange nuts serrated.



StripTill Residue Manager

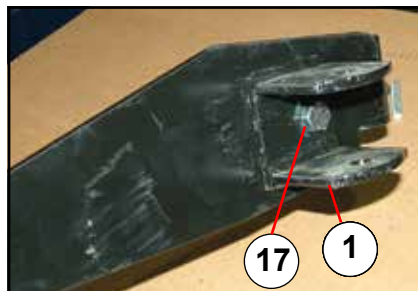
- Mounting residue manager blades
6. Attach (5) (AM7662) left-hand blade to hub on the raised blade mount with five (25) (BP3366) 1/4" x 3/4" hex flange bolts and (26) (BP3367) 1/4" hex flange nuts serrated.



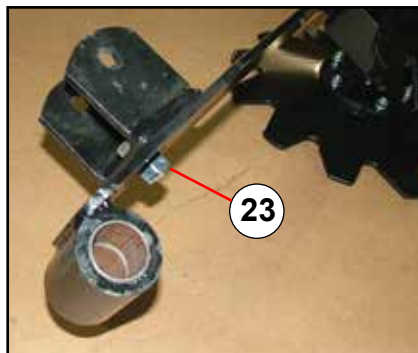
StripTill Residue Manager

► Mounting spring clevis

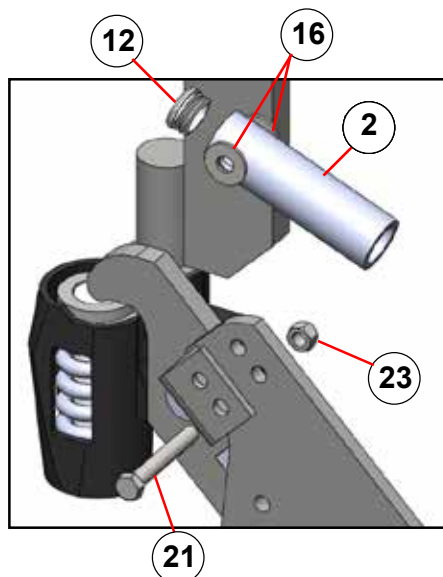
8. Attach (1) (AM2489) lower sealer spring clevis with (17) (BP3125) 1/2" x 1" hex cap screw and (23) (BP3244) 1/2" hex lock nut. **NOTE:** the hole is off centered. Position long edge toward the blades.



9. Tighten 1/2" hex nut.



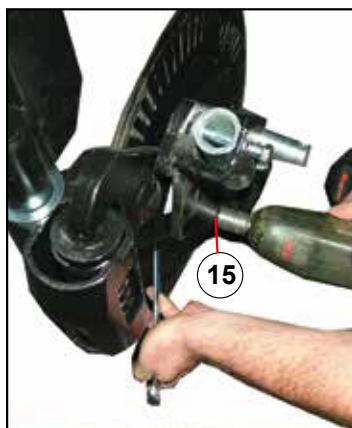
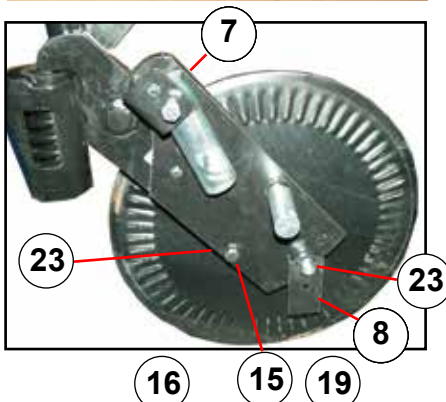
► Attaching pivot arm bracket



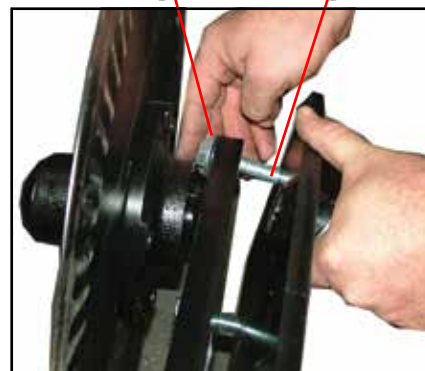
10. Insert (12) (AP3116) 1-5/16" ID Black tube plug into end of (2) (AM 2490) upper spring tube. Place (16) (BP3050) 1/2" flat washers on both sides of (2). Insert (21) (BP3130) 1/2" x 3-1/2" hex cap screw through washers and tube. Secure with (23) (BP3244) 1/2" hex lock nut.

Do not over tighten. Allow tubes to pivot.

Attach (7) (AM7667) pivot arm spring mounting bracket on coulter arm with (15) (BP3041) 1/2" x 2" hex cap screw. Place (23) (BP3244) on hex cap screw on 1/2" hex nut.

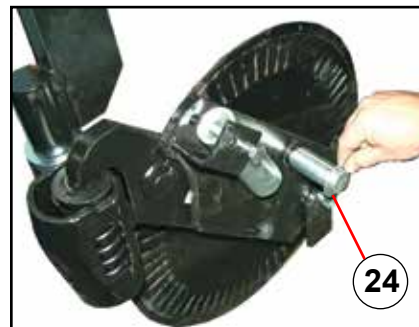


11. Place (16) (BP3050) 1/2" flat washer on (19) (BP3128) 1/2" x 2-1/2" hex cap screw. Insert into slot at the bottom of coulter arm. Position pivot arm spring mounting next to coulter arm over (19). Place (8) (AM7669) arm stop bracket on (19). Install (23) (BP3244) 1/2" hex lock nut. Tighten the hex lock nut on (15). Tighten the lock nut on (19) until snug. The arm stop must rotate down so the spring assembly can be installed before (18) (BP3126) 1/2" x 1-1/2" hex cap screw is installed.

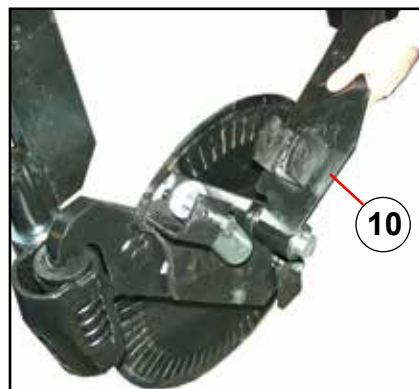


► **Attaching
bolt on
blade arm
mount**

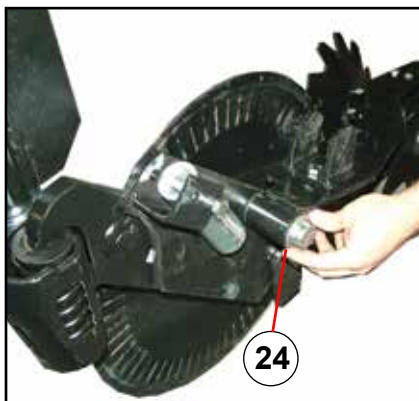
12. Place (24) (BP3249) 1-7/8" OD x 1-1/4" ID machinery bushing on pivot weldment.



13. Slide (10) (AM7671) bolt on blade arm mount on pivot arm.



14. Place (24) (BP3249) 1-7/8" OD x 1-1/4" ID machinery bushing on pivot weldment.



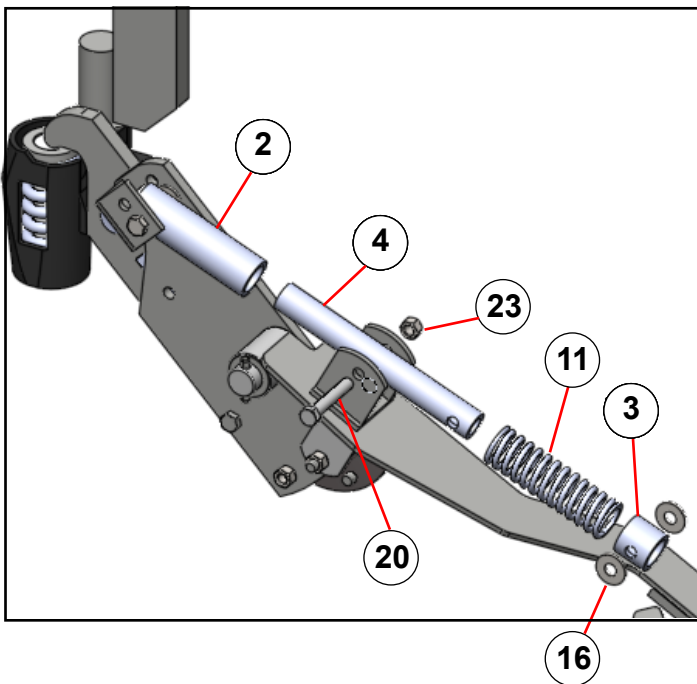
15. Secure arm to weldment with (22) (BP3162) 3/8" roll pin.



StripTill Residue Manager

► Mounting spring assembly

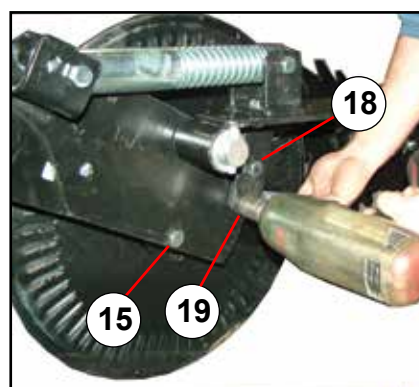
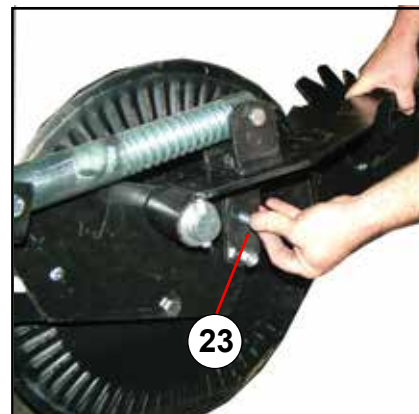
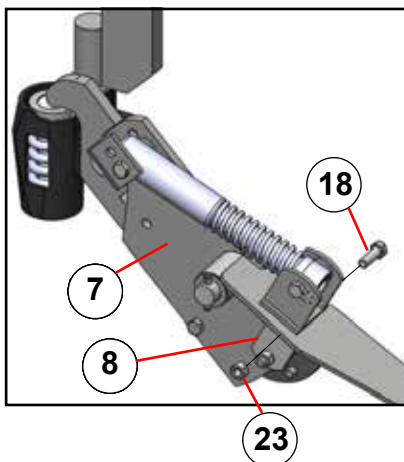
16. Insert (4) (AM2492) spring guide tube into (2) (AM2490) upper spring tube. Place (11) (AP2997) spring over guide.
17. Place (3) (AM2491) spring collar bushing over guide.
18. Raise arm insert (20) (BP3129) 1/2" x 3" hex cap screw through (14) (BP3050) 1/2" washers and (3) spring collar bushing and second washer. Secure with (23) (BP3244) 1/2" hex lock nut. *Do not over tighten. Allow tubes to pivot.*



StripTill Residue Manager

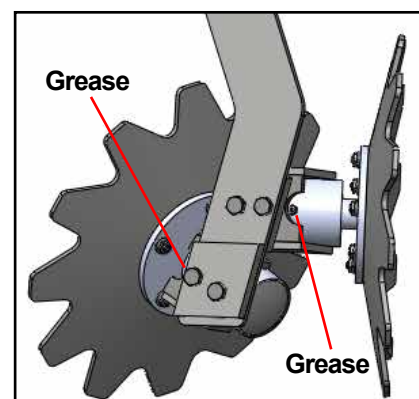
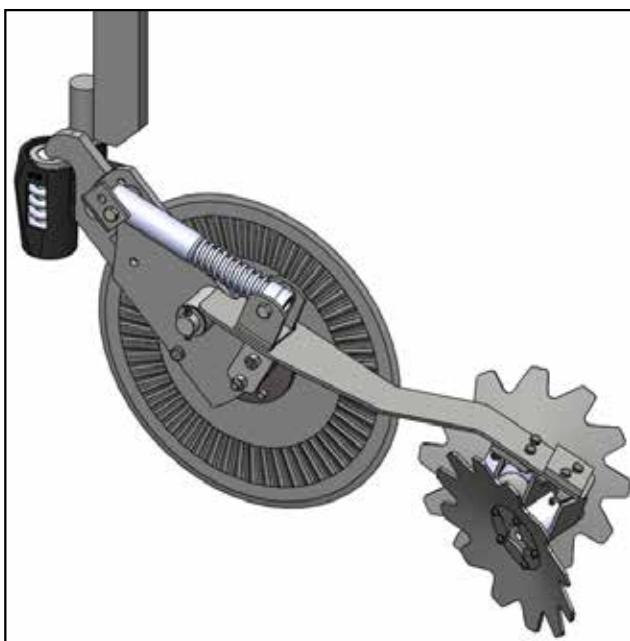
► **Securing
arm stop**

19. Rotate arm stop bracket (8) under residue manager arm and Insert (18) (BP3126) 1/2" x 1-1/2" hex cap screw from the hub side through coultter arm, (7) and (8) arm stop bracket. Secure with (23) (BP3244) 1/2" hex lock nut.

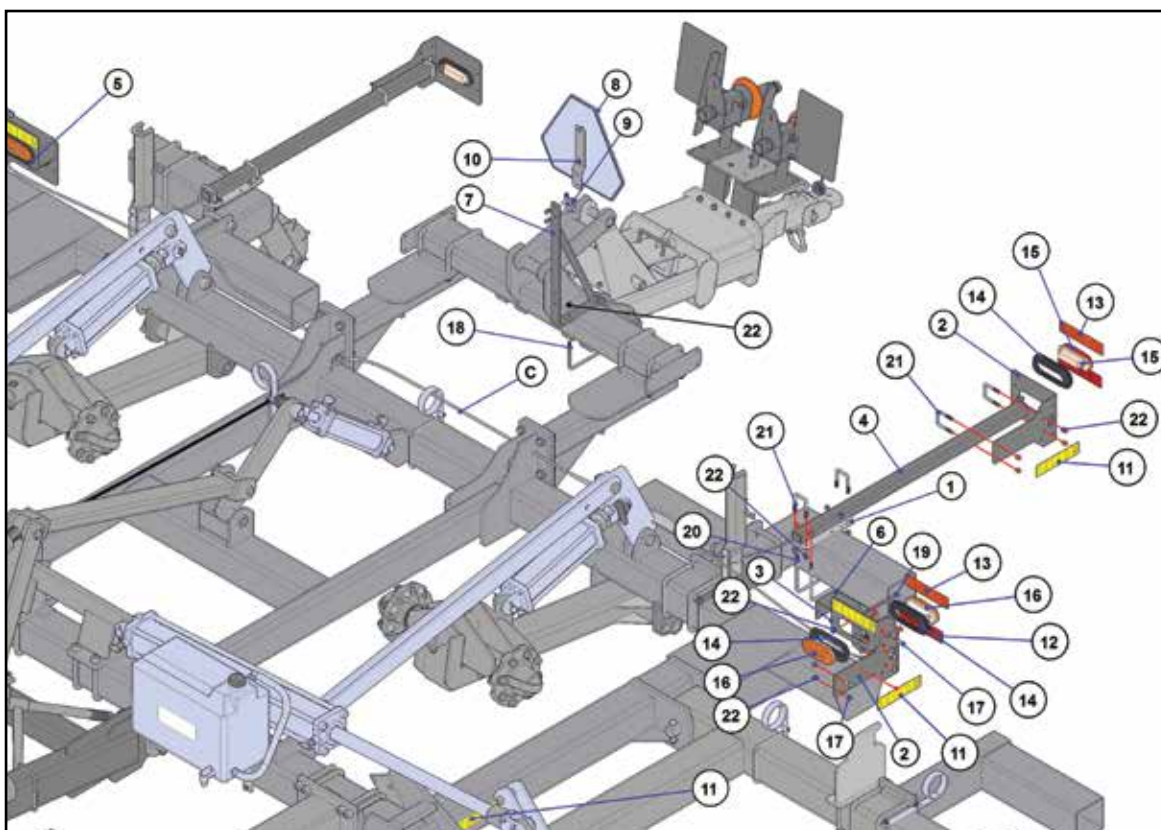


20. Tighten the 1/2" hex lock nuts on (15) (18) and (19) on (7) pivot arm bracket.

21. Grease hubs.

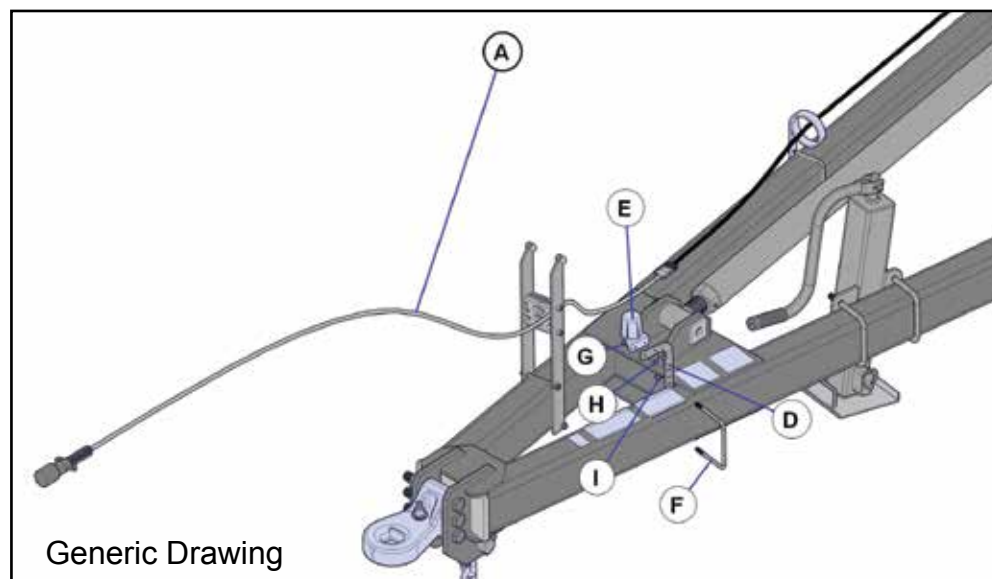
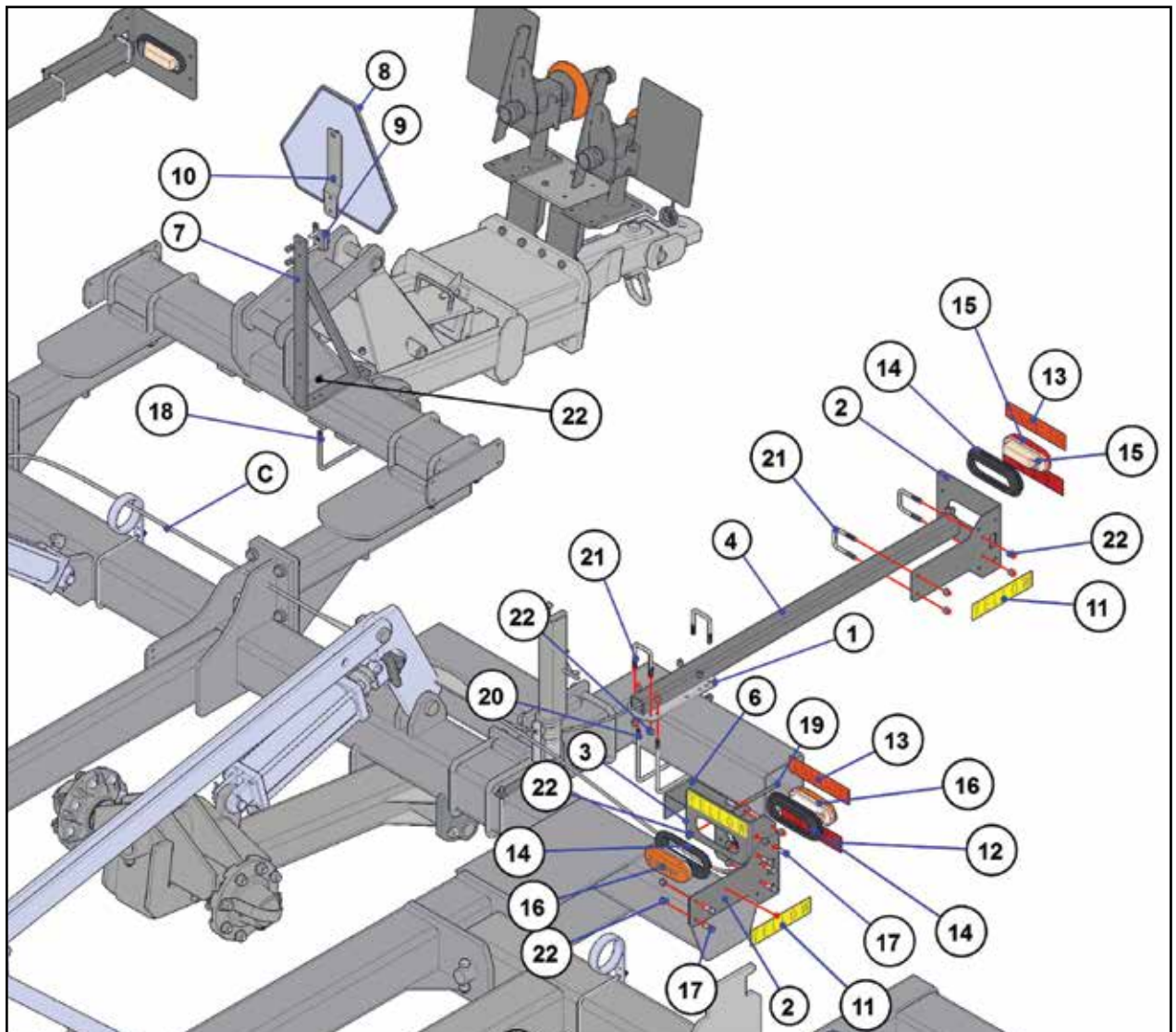


Lighting Kit & Slow Moving Vehicle Kit



► 41000023 LIGHTING KIT, AT6020

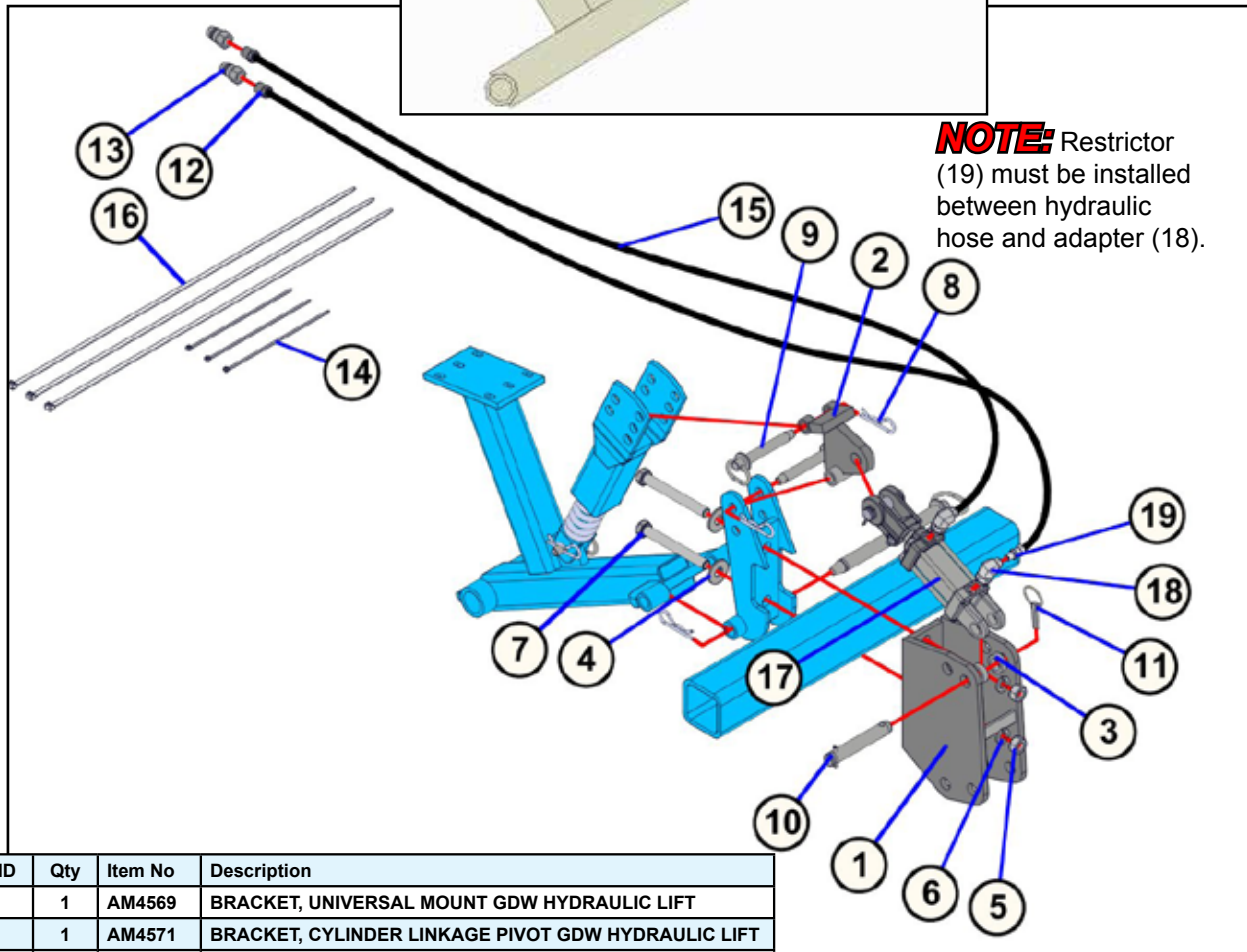
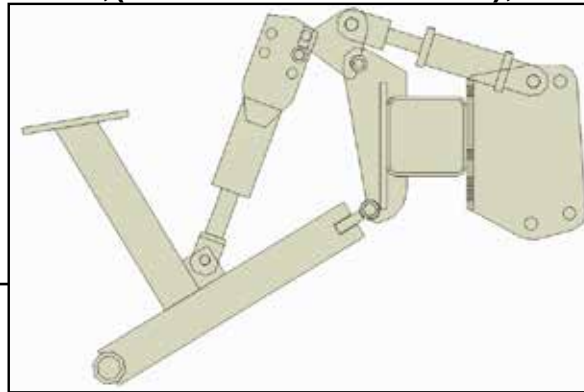
BOM ID	Qty	Item No	Description
1	2	AM3408	MOUNTING PLATE, LIGHT POST T
2	4	AM3414	LIGHT BRACKET, REAR
3	1	AM3415	LIGHT BRACKET, FRONT, LEFT HAND
4	2	AM3416	TUBE, LIGHT BRACKET, (4'0")
5	1	AM3417	LIGHT BRACKET, FRONT, RIGHT HAND
6	2	AM3418	SHIELD, LIGHT BRACKET
7	1	AM3420	BRACKET, SMV MOUNTING (SLOW MOVING VEHICLE)
8	1	AP2542	SMV SIGN (SLOW MOVING VEHICLE)
9	1	AP2543	SMV MOUNTING SOCKET (SLOW MOVING VEHICLE)
10	1	AP2544	SMV MOUNTING SPADE (SLOW MOVING VEHICLE)
11	8	AP2547	DECAL, REFLECTOR, YELLOW, 2" X 9"
12	4	AP2548	DECAL, REFLECTOR, RED, 2" X 9"
13	4	AP2551	DECAL, FLUORESCENT, RED-ORANGE, 2" X 9", NON-REFLECTIVE
14	6	AP3551	GROMMET, OVAL, MODEL 60
15	2	AP3549	LAMP, LED, OVAL, STOP TURN & TAIL, RED
16	4	AP4415	LAMP, LED, OVAL, TURN SIGNAL, AMBER, LED
17	16	BP3006	HEX CAP SCREW, 3/8"-16 X 1", GRADE 5, PLATED
18	1	BP3045	U-BOLT, 3/8"-16 X 6"W X 5"L, PLATED
19	2	BP3118	HEX CAP SCREW, 3/8"-16 X 5", GRADE 5, PLATED
20	4	BP3351	U-BOLT, 3/8"-16 X 6"W X 7"L, PLATED
21	8	BP3736	U-BOLT, 3/8"-16 X 2"W X 3"L, PLATED
22	44	CP2660	NUT, HEX LOCK, 3/8"-16, NYLOCK
A	1	AP2824_5-66662430	MAIN WIRING HARNESS
B	1	AP2828_6-66662430	WIRING HARNESS EXTENSION
C	1	AP3128_2-66662430	AT6010, REAR WIRING HARNESS
D	1	AM4575	BRACKET, DUST CAP HOLDER
E	1	AP2829	DUST CAP, ELECTRIC HARNESS, COLE HERSEE 11750 OR EQUIVALENT
F	1	BP3045	U-BOLT, 3/8"-16 X 6"W X 5"L, PLATED
G	2	BP3053	NUT, HEX, 1/4"-20, GRADE 2
H	2	BP3150	HEX CAP SCREW, 1/4"-20 X 1", GRADE 5, PLATED
I	2	CP2660	NUT, HEX LOCK, 3/8"-16, NYLOCK



Generic Drawing

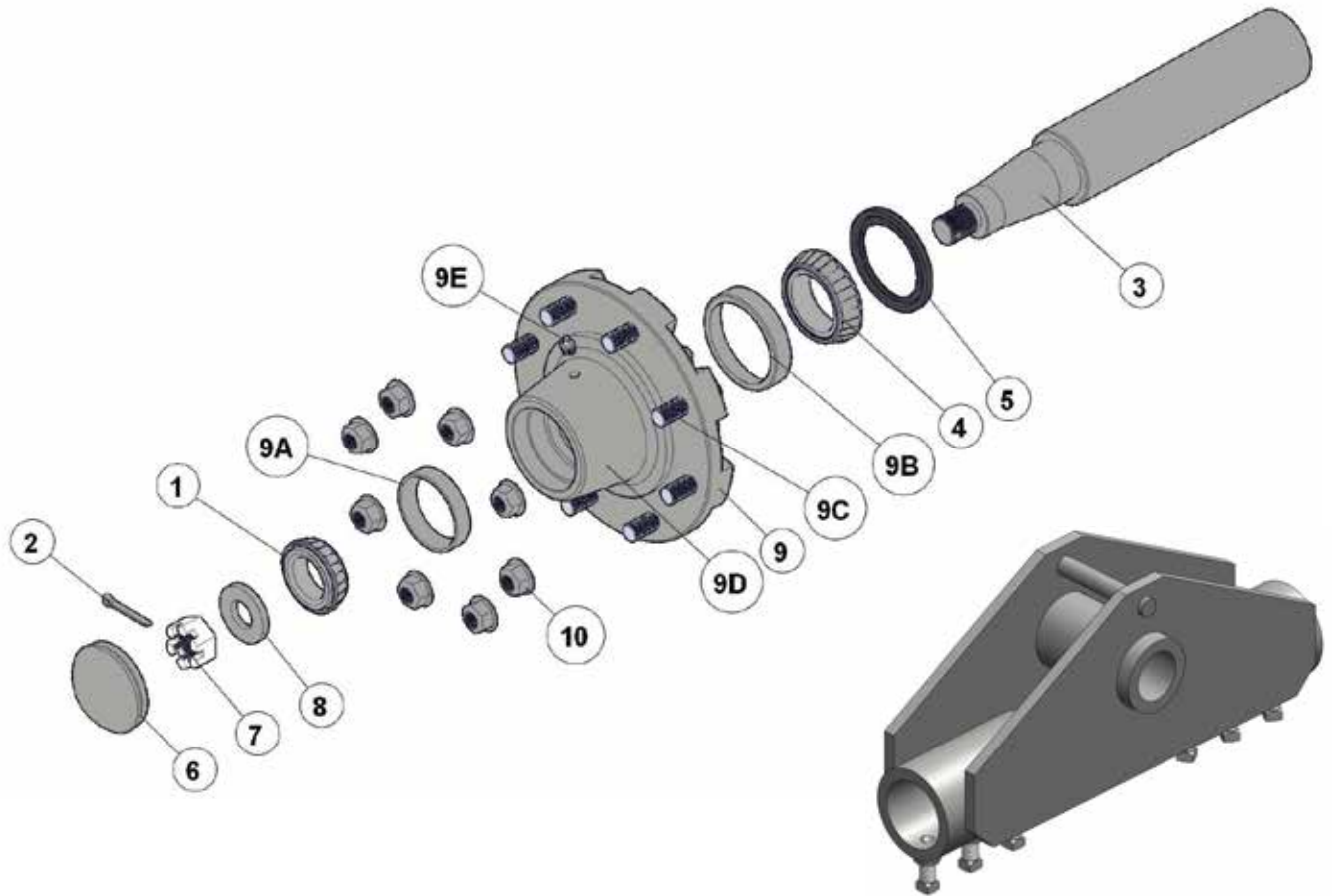
NH₃ Ground Drive Injection Pump Model GDI 200 Parts (Optional Lift Kit)

Lift Kits, 20200100,(20200101 less hoses), 6"x 6" Bar



BOM ID	Qty	Item No	Description
1	1	AM4569	BRACKET, UNIVERSAL MOUNT GDW HYDRAULIC LIFT
2	1	AM4571	BRACKET, CYLINDER LINKAGE PIVOT GDW HYDRAULIC LIFT
3	2	AM4596	BUSHING, 1-1/2" X 1.024" X 1/2" OAL
4	2	BP3033	WASHER, FLAT, 3/4", PLATED
5	2	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
6	2	BP3035	WASHER, LOCK, 3/4", PLATED
7	2	BP3095	HEX CAP SCREW, 3/4"-10 X 8", GRADE 5 PLATED
8	1	BP3500	PIN, HAIR CLIP, 3/16"
9	1	BP3502	PIN, HITCH, 3/4" X 4-1/2"
10	1	BP3508	PIN, CATEGORY II TOP LINK, 1" X 4-5/8"
11	1	BP3517	LYNCH PIN, 7/16"
12	2	DP4006	ADAPTER, 8MP-4FP, 5406-8-4
13	2	DP4007	MALE TIP 1/2" QUICK COUPLER 8FP
14	3	DP4086	CABLE TIE 11-3/8"
15	2	DP4096	HOSE, HYDRAULIC, 1/4" X 264" (22') 4MP-4MP
16	3	DP4296	CABLE TIE 33"
17	1	DP4311	2" X 2" HYDRAULIC CYLINDER
18	2	DP4400	ELBOW, 8MSAE-4FPX, 90°
19	1	DP4401	ADAPTER, 4MP-4FPX, W/ 0.031 RESTRICTOR

AAM2800-1 Hub and Spindle

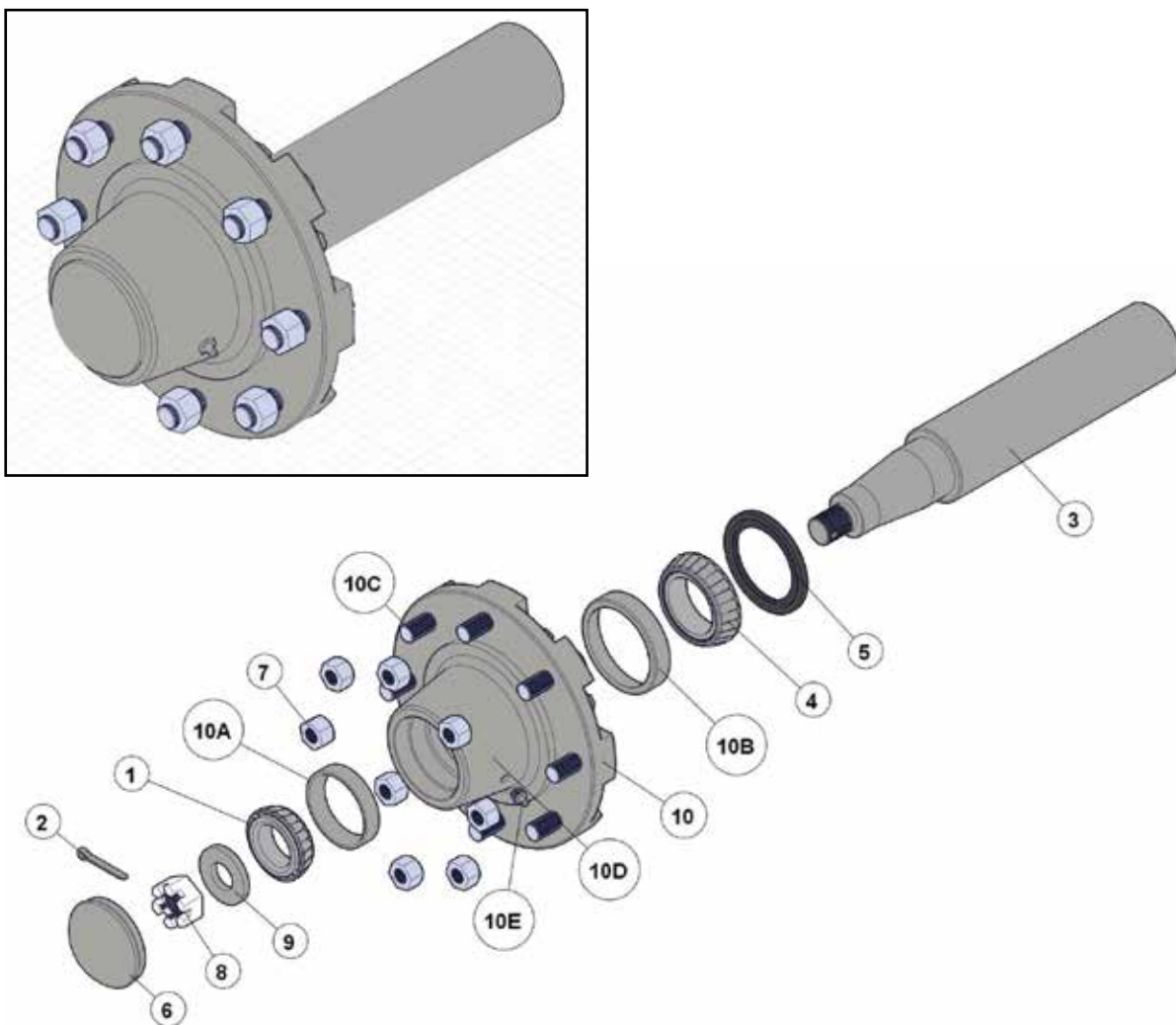


AM6198 DUALS, ROCKER, WITH SPINDLE LOOPS FOR 2-3/4" SPINDLE

► AAM2800-1, 608 HUB, 2-3/4" X 16" SPINDLE, WITH FLANGE LOCK NUT

BOM ID	Qty	Item No	Description
1	1	AP2082	BEARING CONE, LM 501349
2	1	AP2122	PIN, COTTER, 7/32" X 1-3/4"
3	1	AP2171	SPINDLE, 2-3/4" X 16"
4	1	AP2805	BEARING CONE, JLM 506849
5	1	AP2808	GREASE SEAL, CR 27394
6	1	AP2809	HUB CAP, 1609
7	1	AP2811	NUT, SPINDLE, 1"-14
8	1	AP2812	WASHER, SPINDLE, 2-1/8" X 1-1/16" X .250"
9	1	AP2821	HUB WITH CUPS, 8 BOLT, WITH STUDS, 308300-8
9A	1	AP2086	BEARING CUP, LM 501310
9B	1	AP2804	BEARING CUP, JLM 506810
9C	8	AP2814	BOLT, WHEEL STUD, 5/8"-18 X 2-1/4"
9D	1	AP2821-Hub	HUB, 8 BOLT, 608
9E	1	BP3268	GREASE ZERK, 1/8" NPT
10	8	BP3287	NUT, HEX LOCK, 5/8"-18 FLANGE, SPIRALOCK THREAD

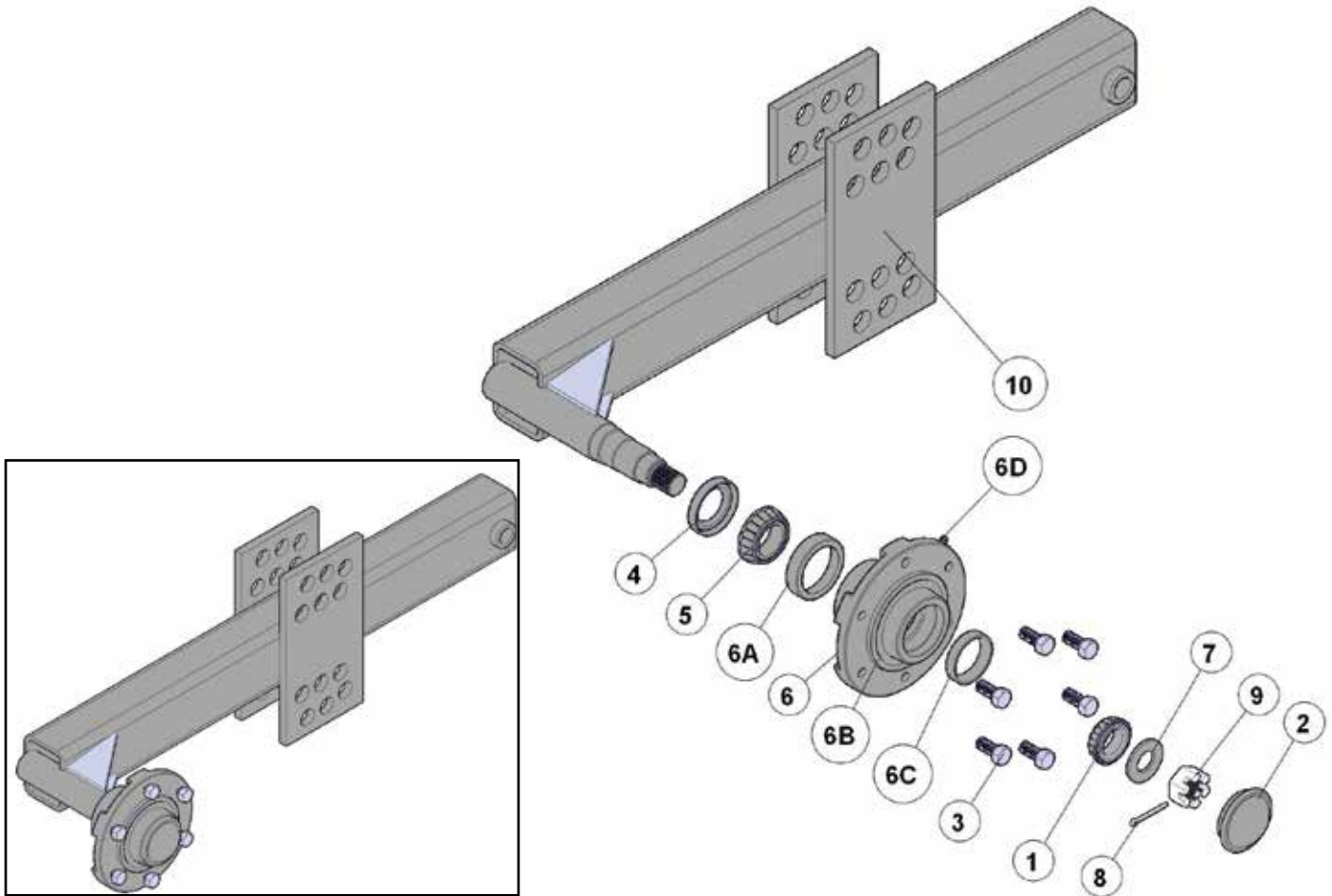
AAM2800 Hub and Spindle Gauge Wheel



► AAM2800, 608 HUB, 2-3/4" X 16" SPINDLE, WITH TAPERED WHEEL NUTS

BOM ID	Qty	Item No	Description
1	1	AP2082	BEARING CONE, LM 501349
2	1	AP2122	PIN, COTTER, 7/32" X 1-3/4"
3	1	AP2171	SPINDLE, 2-3/4" X 16"
4	1	AP2805	BEARING CONE, JLM 506849
5	1	AP2808	GREASE SEAL, CR 27394
6	1	AP2809	HUB CAP, 1609
7	8	AP2810	WHEEL NUT, 5/8"-18
8	1	AP2811	NUT, SPINDLE, 1"-14
9	1	AP2812	WASHER, SPINDLE, 2-1/8" X 1-1/16" X .250"
10	1	AP2821	HUB WITH CUPS, 8 BOLT, WITH STUDS, 308300-8
10A	1	AP2086	BEARING CUP, LM 501310
10B	1	AP2804	BEARING CUP, JLM 506810
10C	8	AP2814	BOLT, WHEEL STUD, 5/8"-18 X 2-1/4"
10D	1	AP2821-Hub	HUB, 8 BOLT, 608
10E	1	BP3268	GREASE ZERK, 1/8" NPT

AM24024 Hub and Spindle Assembly



► AM24024 GAUGE WHEEL LEG, PIN ADJUST

BOM ID	Qty	Item No	Description
1	1	AP2023	BEARING CONE, LM 67048
2	1	AP2048	HUB CAP, 1513
3	6	AP2049	WHEEL BOLT, 1/2"-20 X 1"
4	1	AP2066	GREASE SEAL, CR 16289
5	1	AP2078	BEARING CONE, JL 69349
6	1	AP2123	HUB W/CUPS, 6 BOLT, 611301-6
6A	1	AP2077	BEARING CUP, JL 69310
6B	1	AP2123-Hub	HUB, 6 BOLT, 611301-6
6C	1	AP2524	BEARING CUP, LM 67010
6D	1	BP3072	GREASE ZERK, 1/4"-28
7	1	AP2146	WASHER, SPINDLE, 2" X 1-1/16" X .134"
8	1	AP2426	PIN, COTTER, 5/32" X 1-3/4"
9	1	AP2811	NUT, SPINDLE, 1"-14
10	1	EM3700	GAUGE WHEEL LEG, PIN ADJUST

Hydraulic Repair Kits

MFG # TMC #	Bore/Stroke	Repair Kit	Clevis	Butt	Gland
PMS-AM-2546 DP 4487	4-1/2" X 12"	PMCK-AM-2546 DP 4469	100000326 DP 4115	142000004 DP 4219	082000092 DP 4278
PMS-AM-2558 DP 4485	3-3/4" X 12"	PMCK-AM-2558A DP 4467	100000577 DP 3996	141800009 DP 4297	081800022 DP 4280
PMS-AM-2552 DP 4486	4" X 12"	PMCK-AM-2552A DP 4468	100000577 DP 3996	141900037 DP 4270	081900374 DP 4279
SAE-35036 DP 4398	5" X 36"	PMCK-SAE-35000 DP 4355	100000362 DP 4114	142100050 DP 4314	082100274 DP 4356
B450200BCDDA07A DP 4579	4-1/2" x 20"	B450000 DP4503	100000362 DP 4114	14200075G DP 4507	0820BCASG DP 4508

MFG # TMC #	Bore/Stroke	Piston	Piston Rod	Barrel	4 Req Tie Rod	2 Req Clevis Pin	4 Req Cotter Pin
PMS-AM-2546 DP 4487	4-1/2" X 12"	072000192 DP 4233	011100737 DP 4218	062000080 DP 4341	170301175 DP 4350	190400004 BP 3514	220001504 BP 3511
PMS-AM-2558 DP 4485	3-3/4" X 12"	071800021 DP 4234	010700698 DP 3998	061800022 DP 4339	170301172 DP 4349	190400004 BP 3514	220001504 BP 3511
PMS-AM-2552 DP 4486	4" X 12"	071900273 DP 4232	010700698 DP 3998	061900598 DP 4340	170301172 DP 4349	190400004 BP 3514	220001504 BP 3511
SAE-35036 DP 4398	5" X 36"	072100243 DP 4331	011100730 DP 4403	052100019 DP 4405	170401417 DP 4407	190600024 BP 3498	220001504 BP 3511
B450200BCDDA07A DP 4579	4-1/2" x 20"	072000081 DP 4509	011126625A DP 4582	052023125A DP 4583	170301257 DP 4585	190600024 DP 3498	220001504 DP 3511

Tie-rod Cylinder Disassembly - Assembly Procedure

With cylinder removed from machine, clean, drained of oil and fully retracted, proceed as follows:

Disassembly:

1. Secure cylinder in vice or other method to prevent rotation. With the immediate area clean of dirt so parts can be laid out.
2. Remove tie-rod nuts, item (1).
3. Pull rod assembly from cylinder. Remove tube, item (3).
4. Loosen nut item (4), and remove clevis, item (5), from rod assembly.
5. Place rod assembly in vice with copper or brass jaws so as not to damage.
6. Remove all seals from items (6), (8), and (9) for replacement. Clean and inspect all parts, for damage (nicks, scratches, cracks and etc.) replace as necessary. If you have any question please contact Prince Hydraulics (712) 235-1220.

Reassembly:

1. Replace all seals in items (6), (8), and (9). Do not replace small O-ring on ID of piston, item (8), until ready to attach rod, item (2).
2. Place small ID O-ring seal for piston over rod turndown and apply light coat of grease to seal. Slip piston, item (8), onto turndown with ID counter bore towards rod shoulder. Take care not to pinch O-ring between piston and rod shoulder. Replace nut, item (7), and secure.
3. Apply light coat of grease to seals in gland, item (6), and slip gland over rod end, carefully so as not to damage seals. Slip entire assembly into lightly oiled tube, item (3), piston first. Insure tube slips up over OD seals of gland.
4. Take total assembly in step 3 and slip tube over OD seal on butt, item (9). Align ports in butt and gland and apply nuts, item (1), to tie-rods and torque uniformly.

Tierod

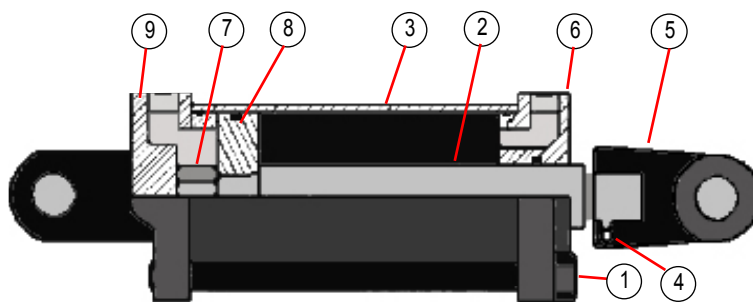
3/8" tierods 20-23 ft./lbs. (27-31 Nm)

1/2" tierods 45-52 ft./lbs. (61-70 Nm)

5/8" tierods 95-105 ft./lbs. (129-142 Nm)

3/4" tierods 150-165 ft./lbs (203-224 Nm)

5. Test for leaks and reinstall in machine. If you have any problems contact Prince Hydraulics (712) 235-1220.










WARNING: Make sure you perform the required service and adjustments correctly. Failure will damage machine or injure operator.

6. The hydraulic system **MUST** have the air removed from the system after initial machine set-up or following the repair or replacement of any part of the system.
7. Connect implement to the tractor drawbar correctly before operating or making any adjustments.

Torque Specifications

NOTE: Use these torque's unless special torque's are specified. Values are for UNC and UNF thread fasteners, plated or un-plated, as received from supplier. Fasteners can be dry or lubricated with normal engine oil. Values do not apply if graphite, moly-disulphide or other extreme pressure lubricant is used.

SAE Grade No.	2				5				*8			
Bolt head identification (see Note 1)					  				  			
Bolt Size	LB FT		Nm		LB FT		Nm		LB FT		Nm	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/4	5	6	7	8	9	11	12	15	12	15	16	20
5/16	10	12	14	16	17	20.5	23	28	24	29	33	39
3/8	20	23	27	31	35	42	48	57	45	54	61	73
7/16	30	35	41	47	54	64	73	87	70	84	95	114
1/2	45	52	61	70	80	96	109	130	110	132	149	179
9/16	65	75	88	102	110	132	149	179	160	192	217	260
5/8	95	105	129	142	150	180	203	244	220	264	298	358
3/4	150	185	203	251	270	324	366	439	380	456	515	618
7/8	160	200	217	271	400	480	542	651	600	720	814	976
1	250	300	339	406	580	696	787	944	900	1080	1220	1464
1 1/8					800	880	1085	1193	1280	1440	1736	1953
1 1/14					1120	1240	1519	1681	1820	2000	2468	2712
1 3/8					1460	1680	1980	2278	2380	2720	3227	3688
1 1/2					1940	2200	2631	2983	3160	3560	4285	4827

NOTE 1: Bolt head identification mark as per grade. Manufacturing marks will vary.

STANDARD TORQUE DATA HYDRAULIC TUBES AND FITTINGS

O-ring boss Plugs, Adjustable Fitting
Lock nuts, Swivel JIC-37 degree Seats

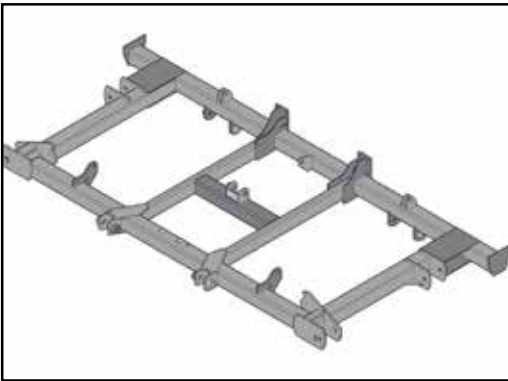
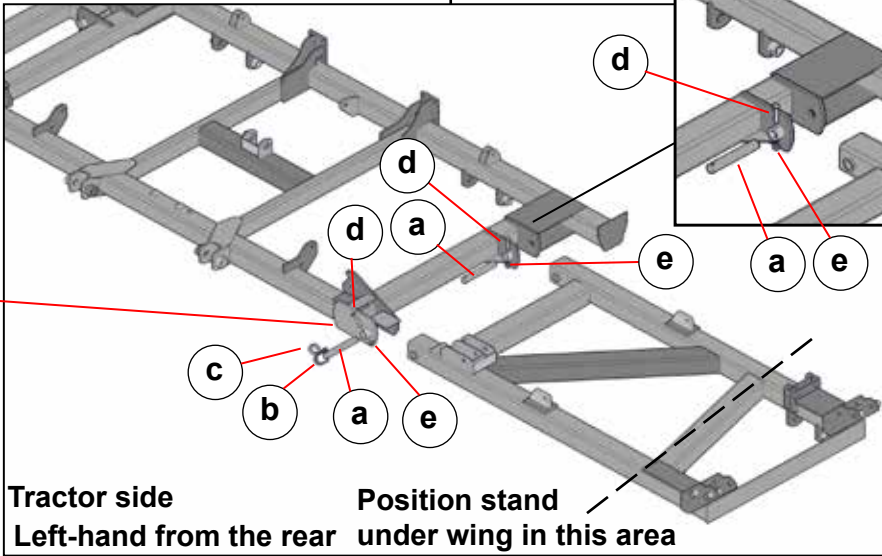
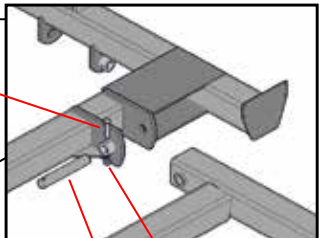
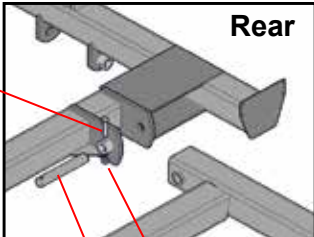
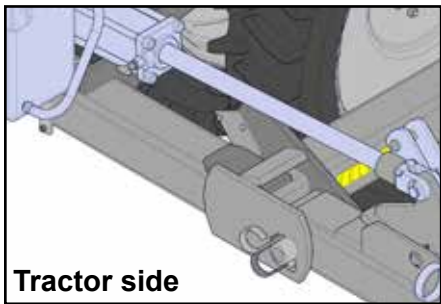
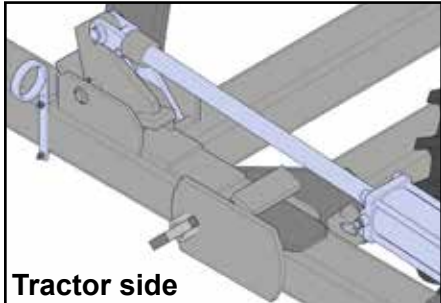
SIZE	LB FT		Nm	
	Min.	Max.	Min.	Max.
4	6	10	8	14
5	10	15	14	20
6	15	20	20	27
8	25	30	34	41
10	35	40	47	54
12	60	70	81	95
14	70	80	95	109
16	80	90	108	122
20	95	115	129	156
24	120	140	163	190
32	250	300	339	407

Above torque figures are recommended for plain, cadmium or zinc plated fittings, dry or wet installation and swivel nuts either swaged or brazed.

Specifications:

Main frame.....	Heavy Duty 6" x 6" Constant Level Main Frame
Models.....	40' to 52'
Wheels and Tires	295/75R22.5 or 385/65R22.5 Tires
	Tire Pressure 95 lbs. P.S.I.
	Singles 385/85R34 MPT ply Main Frame Tires
	Tire Pressure 51 P.S.I.
Transport Width.....	17'4" Odd Row Spacing
	17'10" Even Row Spacing
Transport Height.....	13'6"
Row spacings.....	30"
Rank.....	54"
Coulters.....	Super 1200 Coulters with 20" Fluted Blades
Wheels.....	295/75R22.5 or 385/65R22.5 Tires
	Tire Pressure 95 lbs. P.S.I.
AAM2800-1.....	Torque 140 to 170 ft. lbs.
AAM2800.....	Torque 140 to 170 ft. lbs.
Hitches, Standard.....	Category IV Pintle and Clevis Tractor Hitches
Emergency Water Tank/Toolbox	
9000 lb./ Parking Jack	
Transport Chain (60,000 lbs.)	
Lighting Kit	
5-Year Frame Warranty	

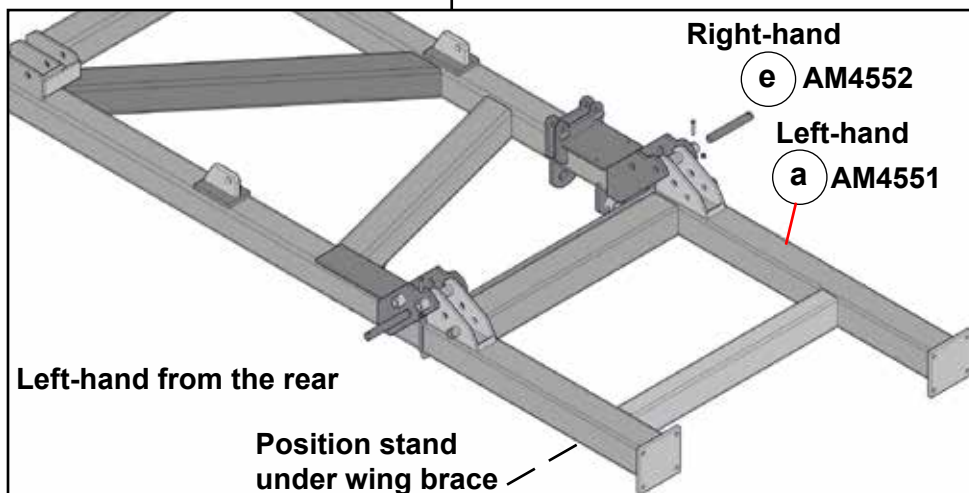
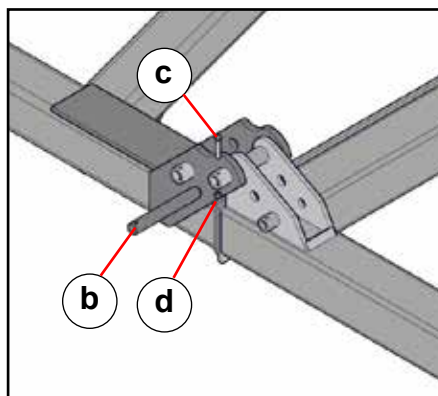
Assembly

Task	Procedures	Illustrations
<p>► Positioning main frame on stands</p> <p>► NOTE: Left-hand and right-hand as viewed from the rear.</p>	<ol style="list-style-type: none"> 1. Place (AM6172) main frame on sturdy stands, about 36" high on hard level surface. 2. Position primary wings (AM6187) left-hand and (AM6188) right-hand) on main frame with forklift. Secure wings to main frame front and rear hinges with (a) (BM3485) 1-3/4" x 11-13/16" OAL, W/21/32 hole, pins 	
<p>► Attaching primary wings</p>	 <p>Tractor side Left-hand from the rear</p> <p>Position stand under wing in this area</p>	
	<ol style="list-style-type: none"> 3. <u>Tractor Side Hinges</u> Place (b) (AM4415) open loop hose retainer and (c) (AM4442) closed loop hose retainer over main frame hinge weldment and insert (d) (BP3136) 5/8" x 4", grade 5 plated hex cap screw through assembly. Secure with (e) (BP3375) 5/8" hex lock nut (Nylock). 4. <u>Rear Hinges</u> Insert (d) (BP3136) 5/8" x 4", grade 5 plated hex cap screw. Secure with (e) (BP3375) 5/8" hex lock nut (Nylock). 	 <p>Tractor side Left-hand from the rear</p>  <p>Tractor side Right-hand from the rear</p>

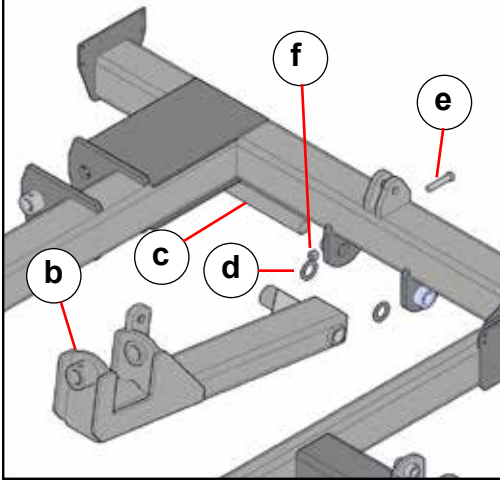
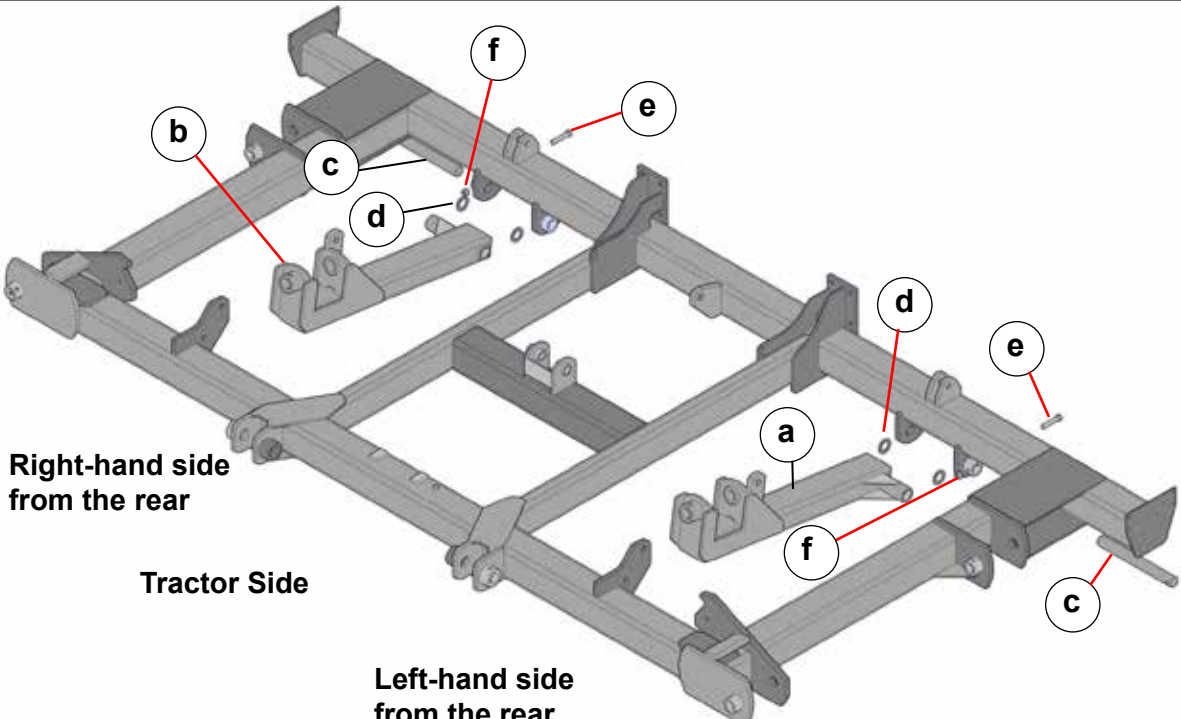

Secondary Wing Assembly

- Mounting secondary wings
- **NOTE:**
Left-hand and right-hand as viewed from the rear

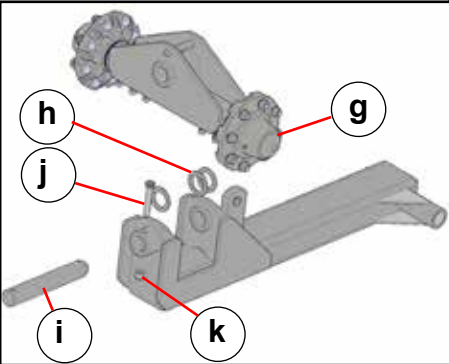



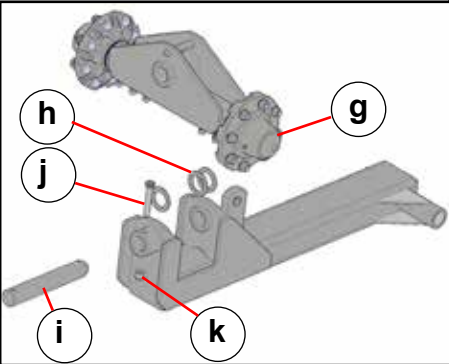
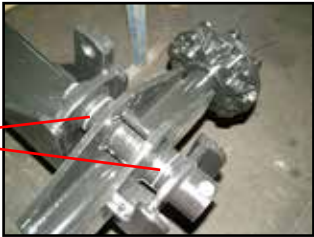




1. Position (a) (AM4551) left-hand secondary wing in primary wing weldments. Insert (b) (BM3816) 1-1/4" x 9-13/16" OAL pins into primary hinge weldments. Secure pins with (c) (BP3096) 3/8" x 2-1/2" hex cap screws and (d) (CP2660) 3/8" hex lock nuts.
2. Position support stand under wing brace.
3. Repeat assembly with (e) (AM4552) right-hand secondary wing.





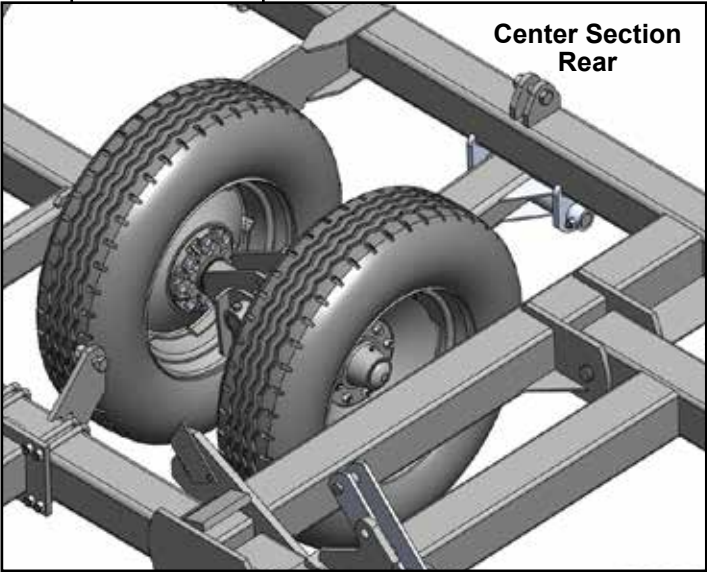


Dual Wheel Center Lift Assembly

Task	Procedures	Illustrations
<p>▶ Mounting dual wheel legs</p> <p>▶ NOTE: <i>Left-hand and right-hand as viewed from the rear</i></p>	<ol style="list-style-type: none"> 1. Mount (a) (AM6173) left-hand wheel leg duals w/pivot and (b) (AM6174) right-hand wheel leg duals w/pivot and to main frame. 2. Insert (c) (BM3664) 1-3/4" x 16-3/4" pin into main frame weldment. Place (d) (BP3205) 2-1/2" x 1-3/4" ID 10 GA. machinery bushings on both sides of wheel leg tube as pin is inserted. Secure pin with (e) (BP3135) 5/8" x 3-1/2" hex cap screw and (f) (BP3375) 5/8" Nylock hex nut. 	
<p>Right-hand side from the rear</p> <p>Tractor Side</p> <p>Left-hand side from the rear</p>	<ol style="list-style-type: none"> 3. Raise wheel leg assembly and place on support. 	
<p>▶ NOTE: <i>Wheel leg positions shown are for 30" and 15" row spacing. 20" row spacings require AM6173 and AM6174 to be switched.</i></p>		

Dual Wheel Center Lift Assembly

Task	Procedures	Illustrations
<p>► Mounting dual hub and spindle assembly</p> <p>• Pre-assembly dual rocker before mounting.</p>  <p>(g) AM6198, Duals, rocker, w/spindle loops for 2-3/4" spindle and AAM2800-1 assembly, hub spindle, 608 hub, 2-3/4" x 16" w/lock.</p>  <p>Apply anti-seize to spindle shaft. • Turn set screws out.</p>  <p>• Insert hub and spindle assembly. Allow 1/4" of space between hub and spindle loop.</p>  <p>• Tighten set screws and lock nuts.</p>	<p>4. Place (g) dual hubs assembly into wheel leg weldment.</p>  <p>5. Insert (i) (BM3640) 2" x 12-5/8" pin with 21/32" hole into wheel leg weldment.</p> <p>6. Place (h) (BP3599) 3" x 2" ID 10 GA. machinery bushings over pin as it is inserted.</p>  <p>7. Remove lug nuts before installing tires.</p>	   

Dual Wheel Center Lift Assembly

Task	Procedures	Illustrations
<p>► Mounting tires</p> <p>► NOTE: Left-hand and right-hand as viewed from the rear</p>	<p>8. Lift tire into position from the top.</p> <p>9. Angle tire past hub and align with hub.</p>	 <p>Generic Photo</p>  <p>Generic Photo</p>
		
	<p>10. Position both tire next to hub.</p> <p>11. Raise wheel leg assembly and maneuver tires on studs.</p> <p>12. Tighten lug nuts evenly and torque to 140 to 170 ft. lbs.</p> <p>Check tire pressure; inflate truck tires to 95 P.S.I. and lugged tractor tires to 51 P.S.I.</p>	 <p>Generic Photo</p>  <p>Generic Photo</p>

Single Wheel Center Lift Assembly

Task

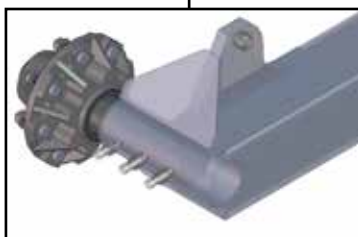
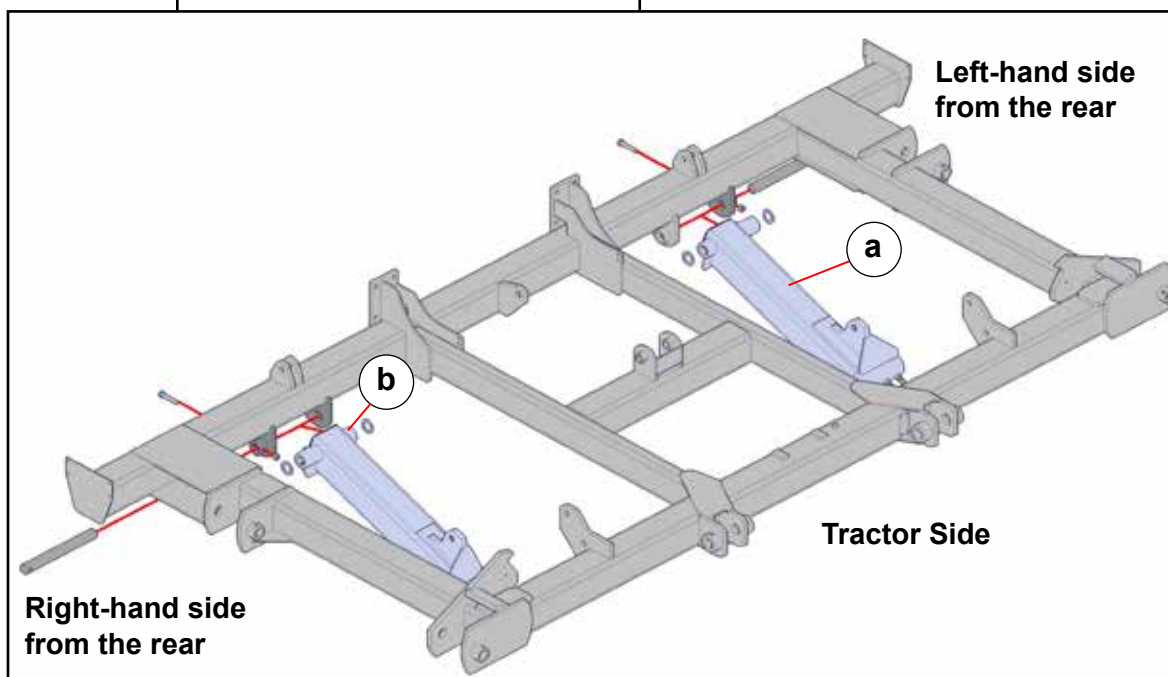
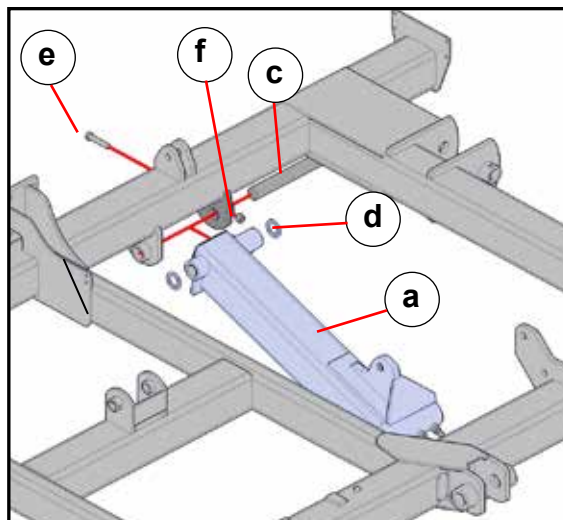
Mounting
single
wheel legs

NOTE:
Left-hand
and
right-hand
as viewed
from the
rear

Procedures

1. Mount (a) (AM6226) left-hand wheel leg with 3" spindle loop single and (b) (AM6227) right-hand wheel leg with 3" spindle loop single to main frame.
2. Insert (c) (BM3664) 1-3/4" x 16-3/4" pin into main frame weldment. Place (d) (BP3205) 2-1/2" x 1-3/4" ID 10 GA. machinery bushings on both sides of wheel leg tube as pin is inserted. Secure pin with (e) (BP3135) 5/8" x 3-1/2" hex cap screw and (f) (BP3375) 5/8" Nylock hex nut.

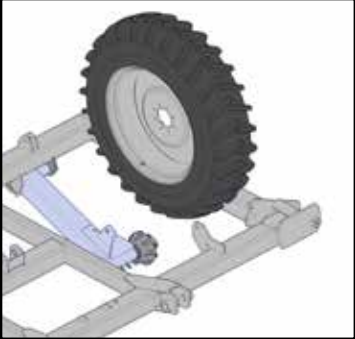


Illustrations



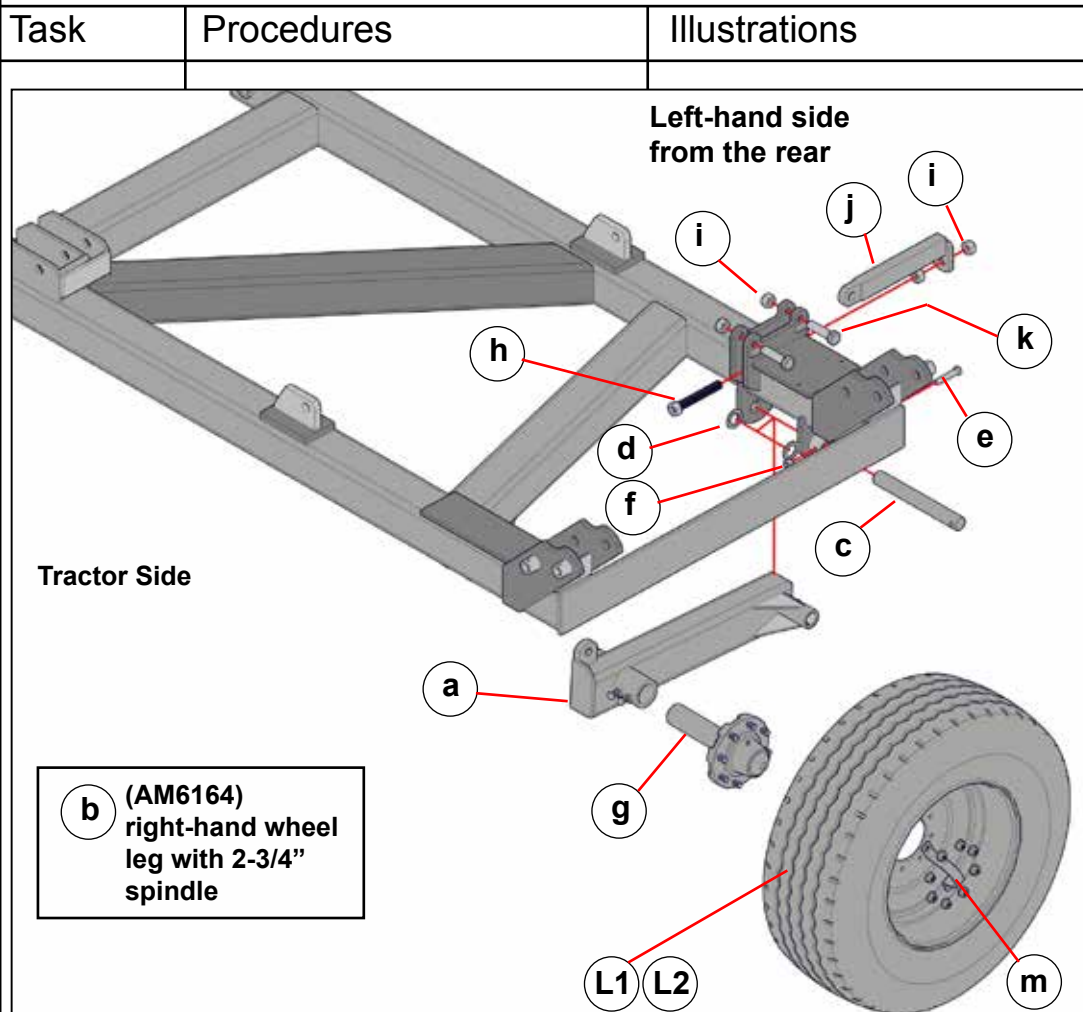
3. Remove paint from spindle end. Place anti-seize on spindle before inserting in wheel leg loop.
4. Turn set screws out before inserting spindle.
5. Insert spindle into wheel leg. Position spindle to within 3" of the wheel leg loop.
6. Tighten set screws and remove lugs before mounting tires.



Single Wheel Center Lift Assembly

Task	Procedures	Illustrations
<p>▶ Mounting tires</p> <p>▶ NOTE: <i>Left-hand and right-hand as viewed from the rear</i></p> <p>▶ NOTE: <i>Valve stem on each wheel is positioned on the hub side. (30", 15" and 20" spacings)</i></p>	<p>7. Before mounting the tires, the tread will run to the rear with valve stem on the hub side. Tire: (AAM2788-1) 758 hub 3" x 16"</p> <p>8. Lift tire (Right-hand or Left-hand) into position from the top.</p> <p>9. Angle tire past hub and align with hub.</p> <p>10. Replace and tighten lug nuts. Tighten lug nuts evenly and torque to 150 to 180 ft. lbs.</p> <p>Check tire pressure; inflate to 51 P.S.I. Max.</p>	 <p><i>Left-hand from the rear</i></p>  

Primary Wing Gauge Wheel Assembly




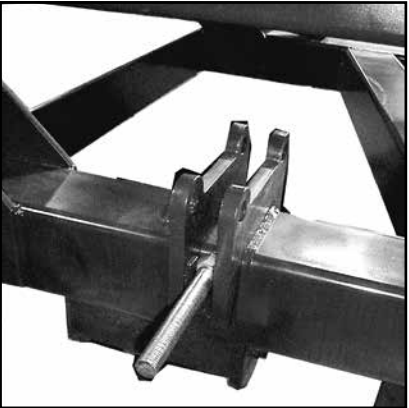
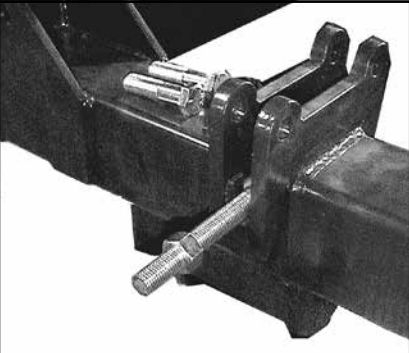

► Mounting primary gauge wheels

► **NOTE:**
Left-hand and right-hand as viewed from the rear


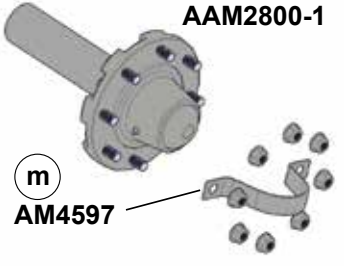


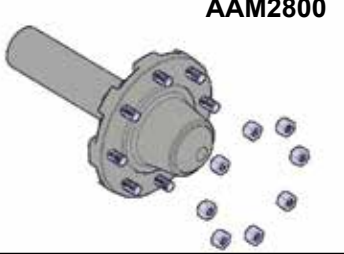

1. Mount (a) (AM6163) left-hand wheel leg with 2-3/4" spindle and (b) (AM6164) right-hand wheel leg with 2-3/4" spindle in primary wing weldment.
2. Insert (c) (BM33497) 1-3/4" x 14-3/4" pin into primary wing weldment. Place (d) (BP3205) 2-1/2" x 1-3/4" ID 10 GA. machinery bushings on both sides of wheel leg tub as pin is inserted. Secure pin with (e) (BP3135) 5/8" x 3-1/2" hex cap screw and (f) (BP3375) 5/8" Nylock hex nut.



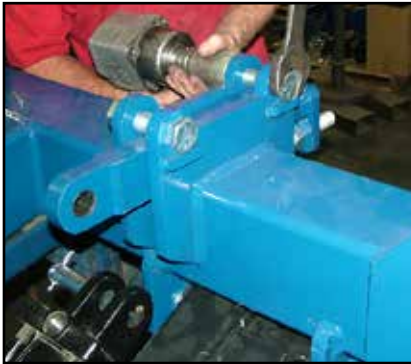




Primary Wing Gauge Wheel Assembly

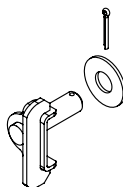
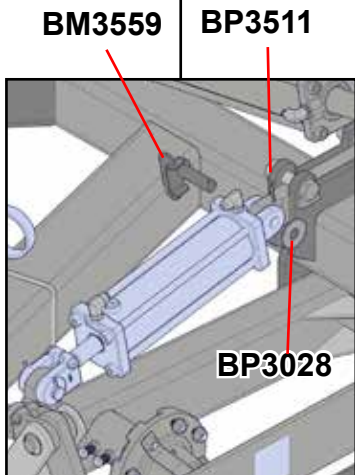
Task	Procedures	Illustrations
<p>▶ Mounting primary wing gauge wheels</p> <p>▶ NOTE: <i>Left-hand and right-hand as viewed from the rear</i></p>	<ol style="list-style-type: none"> 3. Remove paint from (g) (AAM2800-1 608 hub 2-3/4" 4 x 16 spindle end. Place anti-seize on spindle before inserting in wheel leg loop. 4. Turn set screws out before inserting spindle. 5. Insert spindle into wheel leg. Position spindle 3/4" from end of loop. 6. Tighten set screws and remove lugs before mounting tires. 7. Insert (h) (BM3555) 1" x 7-5/16" threaded rod with welded head into groove slot on mounting bracket. 8. Place (i) (BP3019) 1" , grade 2 hex nut on threaded rod. Move hex nut down until the outside face is 4" from the end of the threaded rod. 9. Place (j) (AM4564) cylinder lug screw over threaded rod. Install (h) (BP3019) 1" , grade 2 hex nut over threaded rod to lug. 10. Insert (k) (BP3291) 1" x 4" hex cap screws into wing weldment. Secure with (i) (BP3019) 1" , grade 2 hex nuts. 	   

Primary Wing Gauge Wheel Assembly

Task	Procedures	Illustrations
<p>▶ Mounting primary gauge wheels</p> <p>▶ NOTE: <i>Left-hand and right-hand as viewed from the rear</i></p>	<p>11. Lift tire into position from the top. (L1) AAM2923, wheel, 295/75 R22.5, 22.5 x 8.25 x 8 Gray recap or (Pictured) (L2) AAM2924 wheel, 385/65 R22.5 x 11.75 x 8 Gray recap</p> <p>NOTE: Valve stem on hub side.</p>	
 <p>AAM2800-1</p> <p>(m) AM4597</p>	<p>12. Angle tire past hub and align with hub.</p>	
<p>NOTE: AAM 2800-1 (With flange lock nuts) and AM 4597 hub cap strap are used only with 385/65R22.5 gauge wheel tires.</p>	<p>13. Raise wheel leg assembly and mount rim on hub</p>	
 <p>AAM2800</p>	<p>14. Attach (m) (AM4597) hub strap for AAM2800-1 hub before replacing and tighten lug nuts.</p> <p>Tighten bolts evenly and torque to 140 to 170 lbs. Check Tire pressure. Inflate to 95 P.S.I</p>	
<p>NOTE: AAM2800 (With tapered wheel nuts) and 295/75R22.5 gauge wheel tires. Do not use AM4597 with tapered wheel nuts.</p>		

Primary Wing Gauge Wheel Assembly

Task	Procedures	Illustrations
<p>▶ Mounting primary gauge wheels</p> <p>▶ NOTE: Left-hand and right-hand as viewed from the rear</p>	<p>15. Tighten 1" hex nuts.</p> <p>16. Attach (DP4485) 3-3/4" x 12" rephase cylinder to wheel leg with cylinder pin. (Ports up)</p> <p>17. Open cylinder plugs and extend butt end to cylinder lug.</p> <p>18. Insert (BM3559) 1" x 3" clevis pin with anti-rotation.</p> <p>19. Secure clevis pin with (BP3028) 1" flat washer and (BP3511) 3/16" x 1-3/4" cotter pin.</p>	    



Center Section Wheel Lift Linkage Assembly

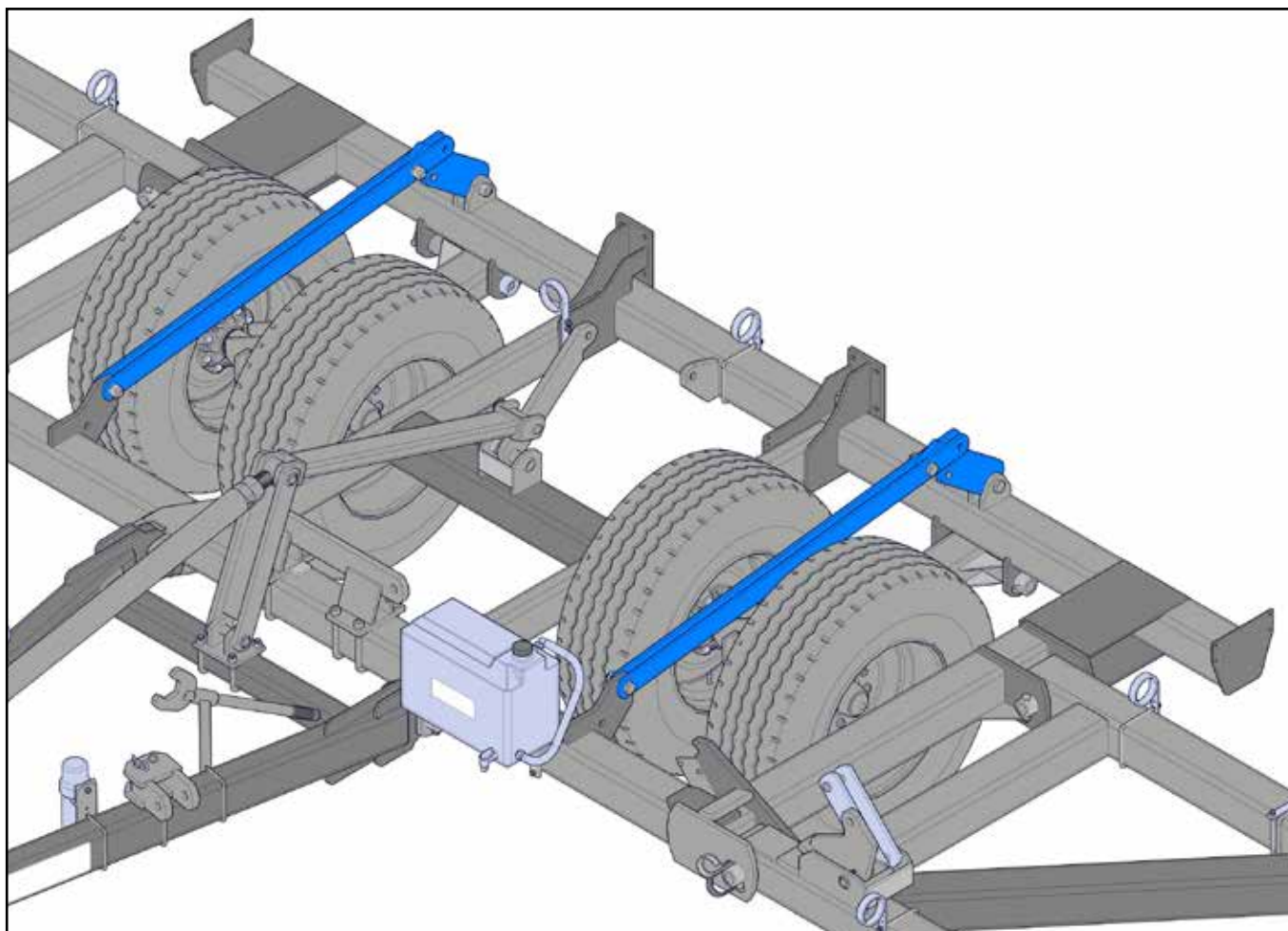
Task

Procedures

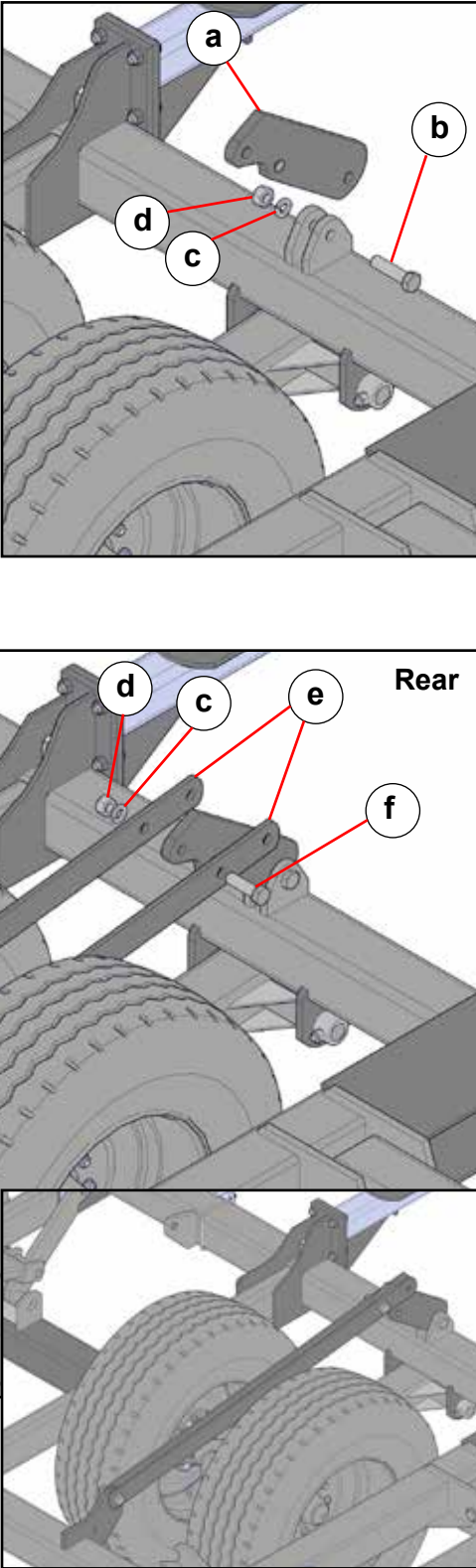
Illustrations

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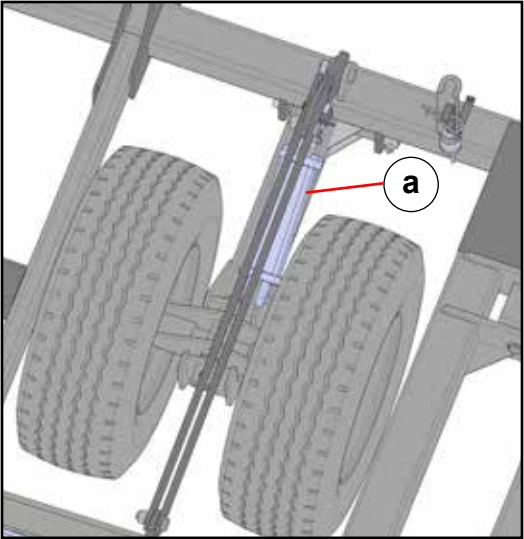
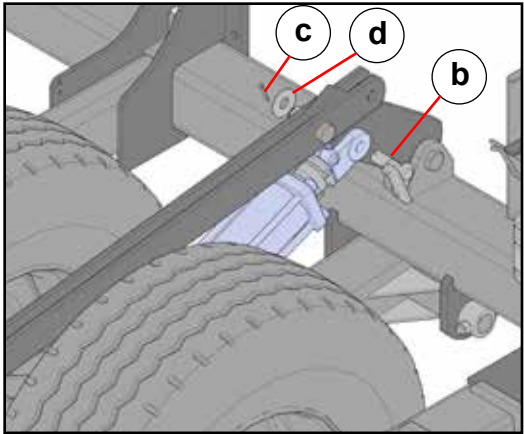
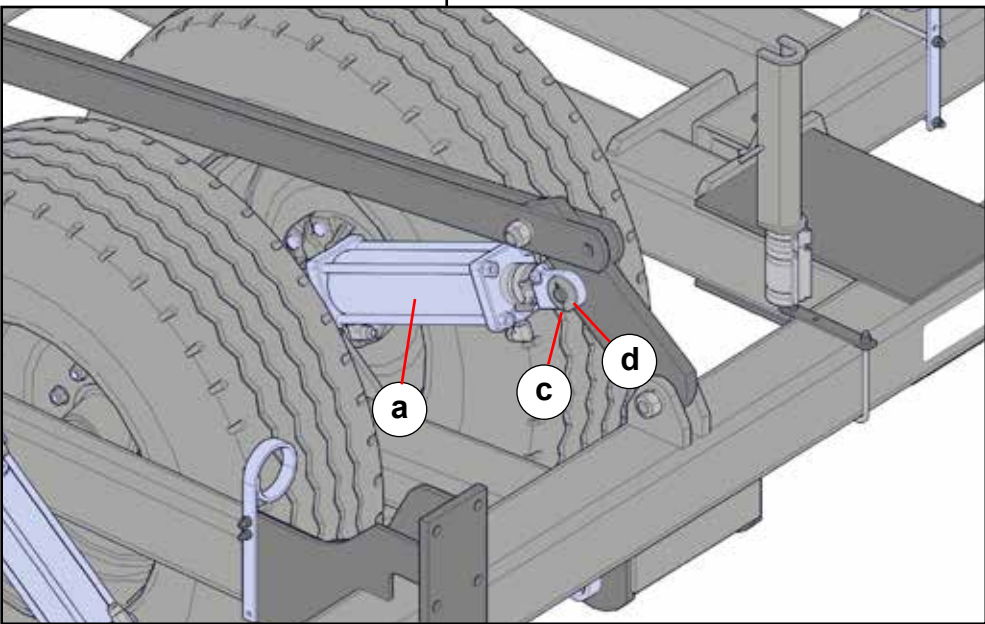
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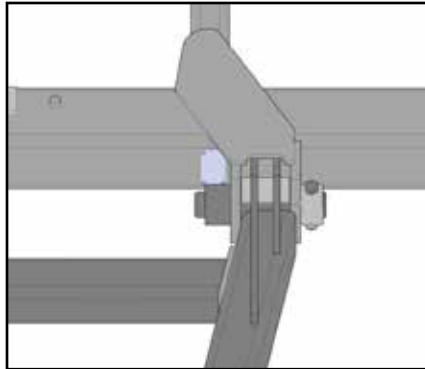
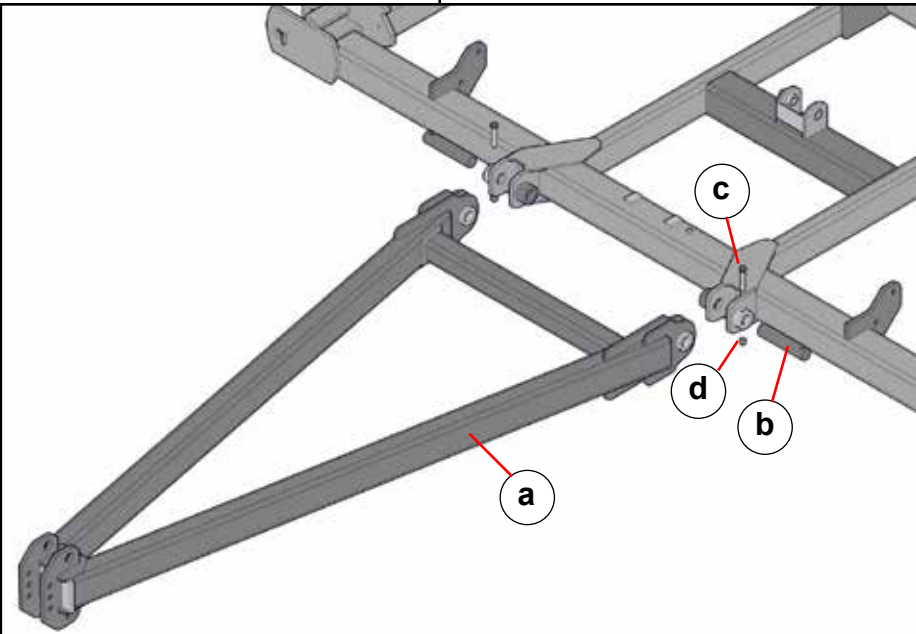
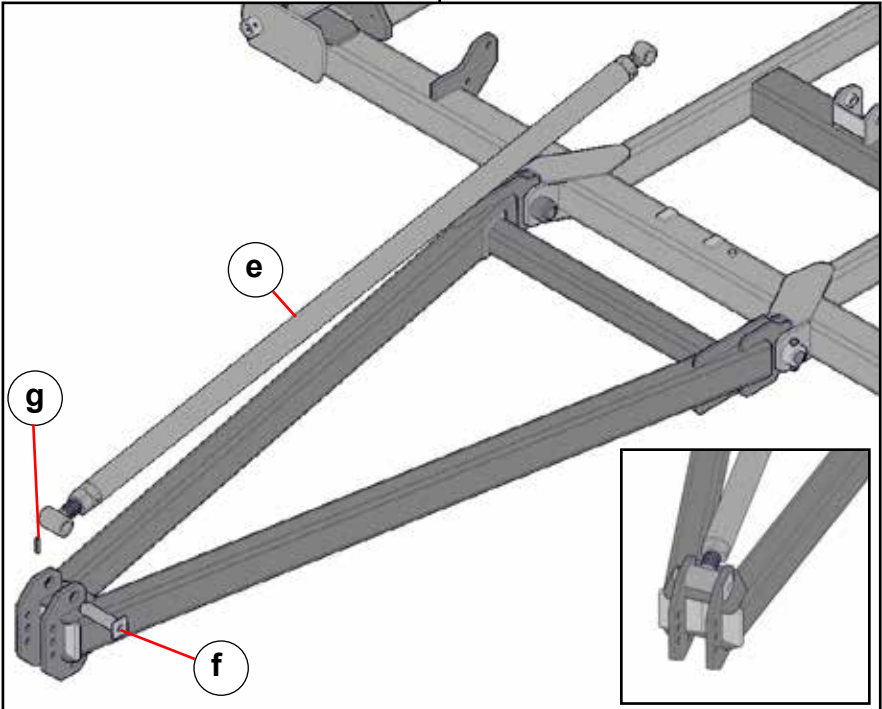
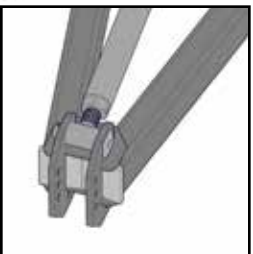
Center Section Wheel Lift Linkage Assembly

Task	Procedures	Illustrations
<p>► Mounting wheel lift linkage</p> <p>► NOTE: Left-hand and right-hand as viewed from the rear</p>	<ol style="list-style-type: none"> 1. Attach (a) (AM6182) bolt-on cylinder lug with (b) (BP3291) 1" x 4", grade 5 hex cap screw, (c) (BP3020) 1" lock washer and (d) (BP3019) 1" hex nut to rear main frame weldment. 2. Install (e) (AM6179) cylinder lug linkages to tractor side weldment with (f) (BP3200) 1" x 3-1/2" grade 5 hex cap screw, (c) (BP3020) 1" lock washer and (d) (BP3019) 1" hex nut. 3. Secure lug linkage to bolt-on cylinder lug with (f) (BP3200) 1" x 3-1/2" grade 5 hex cap screw, (c) (BP3020) 1" lock washer and (d) (BP3019) 1" hex nut. 	

Center Section Wheel Lift Linkage Assembly


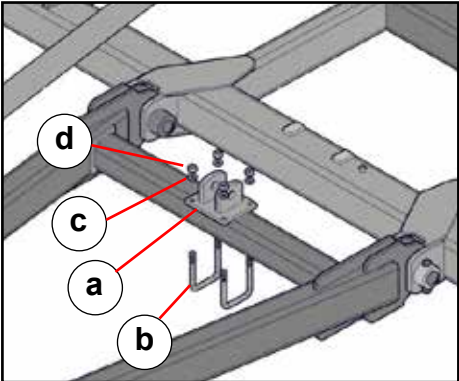
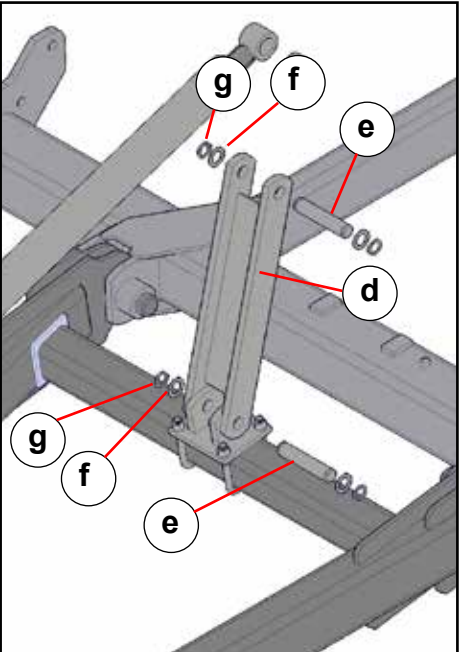
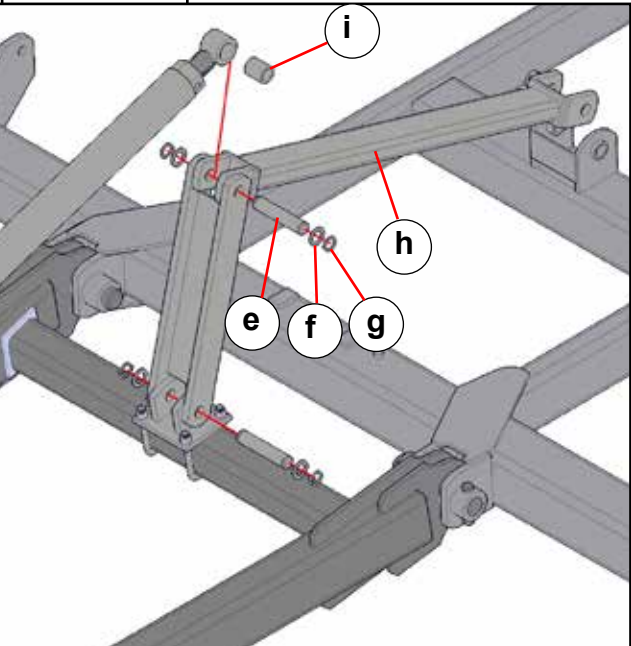
Task	Procedures	Illustrations
<p>► Mounting wheel lift linkage</p>	<ol style="list-style-type: none"> 1. Cylinder should be drained of oil before installation. 2. Attach (a) (DP4487) 4-1/2" x 12" rephase cylinder, <u>port side down</u> to wheel leg weldment with cylinder pin. 3. Loosen cylinder plugs and extend rod to bolt-on cylinder lug.  4. Insert (b) (BM3559) 1" x 3" clevis pin with anti-rotation. 5. Secure clevis pin with (c) (BP3511) 3/16" x 1-3/4" cotter pin. Thicker clevis does not require a washer. 	 
	<p>► NOTE: (d) BP3028 1" flat washer as needed with anti-rotation pin.</p>	 <p>Right-hand side from the rear</p>

Tongue Mounting

	Task	Procedures	Illustrations
►	Mounting tongue	<p>1. Raise the tongue (a) (AM5155) into position on the main frame and insert (b) (BM3565) 2" x 10-1/4" pins with hole into weldment. Insert (c) (BP3136) 5/8" x 4" hex cap screw into weldment and secure with (d) (BP3375) 5/8" hex lock nuts.</p>	 
►	Mounting Turnbuckle	<p>2. Attach (e) (AAM4768) turnbuckle assembly to tongue weldment with (f) (BM3610) 1-3/4" x 6-3/16" pin. Secure with (g) (BP3519) 3/8" x 2-1/2" roll pin.</p>	 


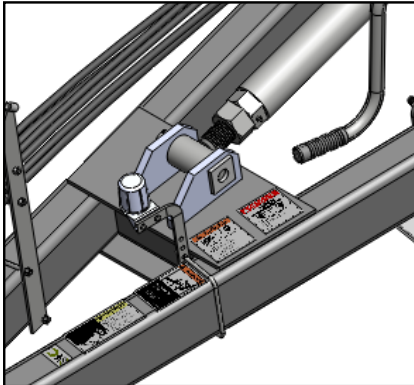
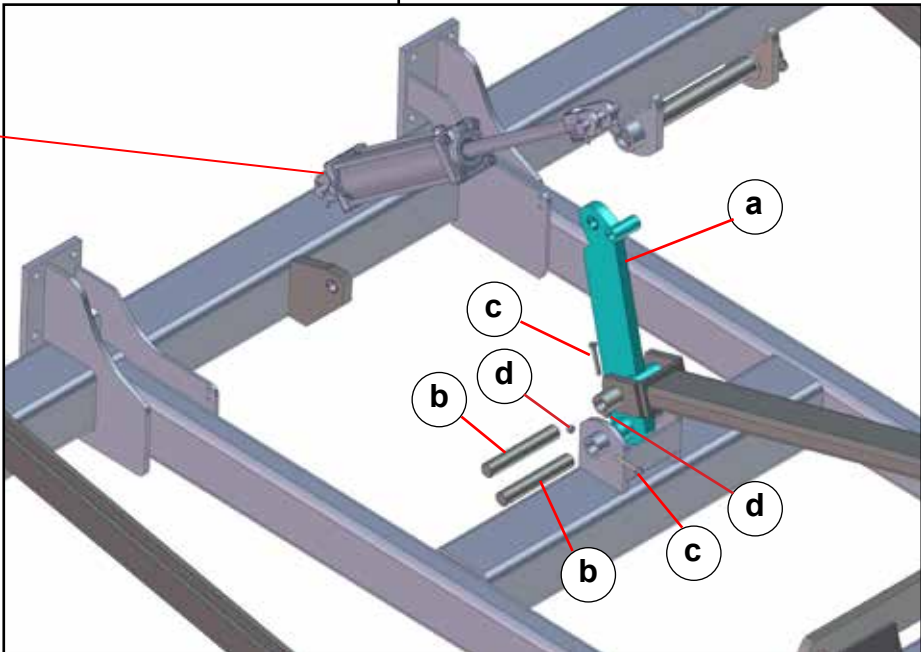

Tongue Linkage Assembly



Task	Procedures	Illustrations
Mounting Turnbuckle support mount	<ol style="list-style-type: none"> Center and mount (a) (AM4511) turnbuckle support mount on tongue frame with (b) (BP3347) 5/8" x 4"W x 5-5/8" L u-bolt, (c) (BP3039) 5/8" lock washers and (d) (BP3035) 5/8" hex nuts. <i>Do not tighten until the linkage is completely assembled.</i> Attach (d) (AM4512) turnbuckle support to support with (e) (BM3547) 1-1/4" x 5-3/4" double grooved pin. Secure with (f) (BP3249) 1-7/8" OD x 1-1/4" ID machine bushings and (g) (AP2711) 1-1/4" snap ring. 	  <ol style="list-style-type: none"> Attach (h) (AM6183) tongue linkage cylinder to support and turnbuckle (<i>Insert (i) (EM3735) 1-3/4" OD x 1.275" ID bushing into turnbuckle loop before securing to support.</i>) with (e) (BM3547) 1-1/4" x 5-3/4" double grooved pin. Secure with (f) (BP3249) 1-7/8" OD x 1-1/4" ID machine bushings and (g) (AP2711) 1-1/4" snap rings. 



Tongue Linkage Assembly

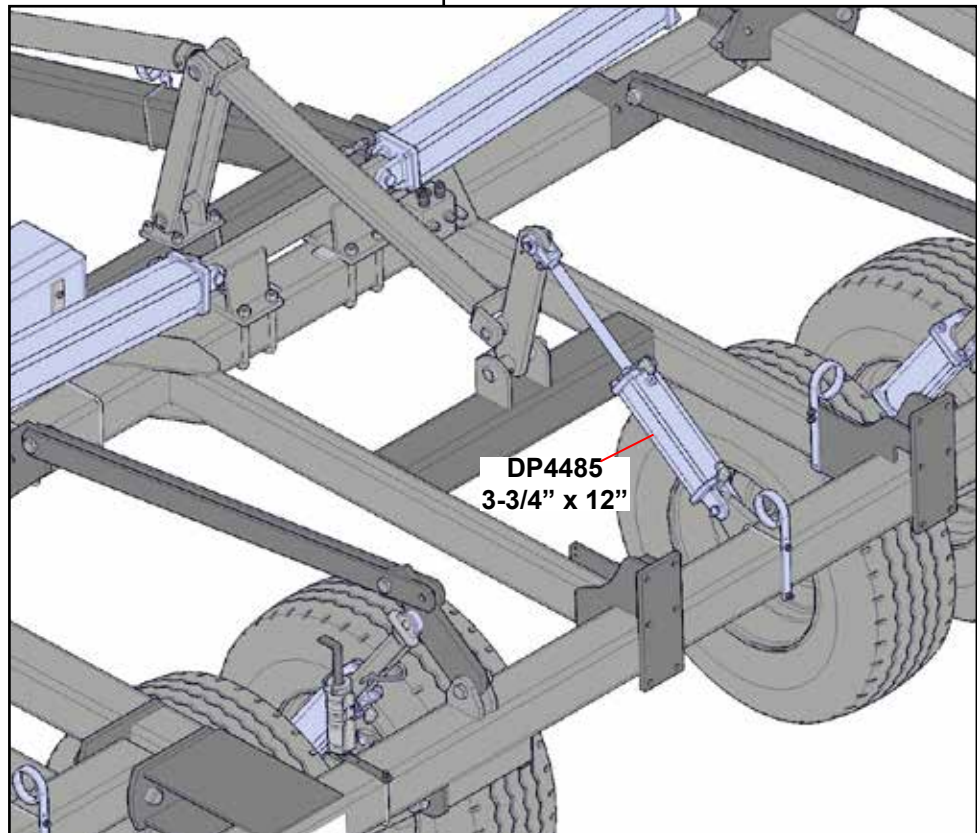
	Task	Procedures	Illustrations
<p>►</p> <p>Mounting tongue cylinder linkage</p>		<p>4. Loosen turnbuckle nut to lower the tongue cylinder linkage into position.</p>  <p><i>Generic Photo</i></p>	
<p>(DP4484) 3-1/2" x 12" Economy Model</p>		 <p>5. Mount (a) (AM6182) tongue cylinder arm linkage to main frame weldment with (b) (BM3465) 1-1/4" x 7-3/4" pin with 13/32" hole. Secure pin with (c) (BP3096) 3/8" x 2-1/2" hex cap screw and (d) (BP3003) 3/8" hex lock nut.</p> <p>6. Raise tongue cylinder linkage and connect to arm with (b) (BM3465) 1-1/4" x 7-3/4" pin with 13/32" hole. Secure pin with (c) (BP3096) 3/8" x 2-1/2" hex cap screw and (d) (BP3003) 3/8" hex lock nut.</p>	

Tongue Linkage Assembly

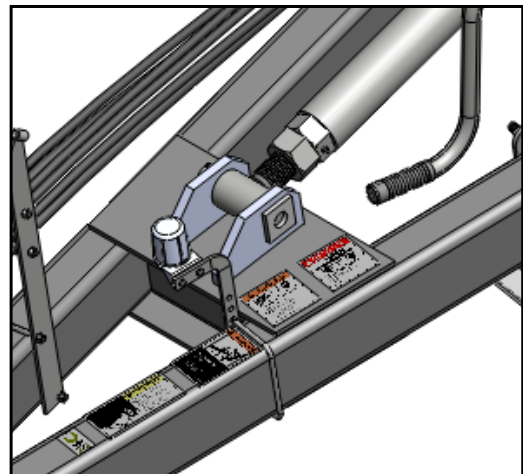


**Mounting
tongue
cylinder
linkage
cylinder**


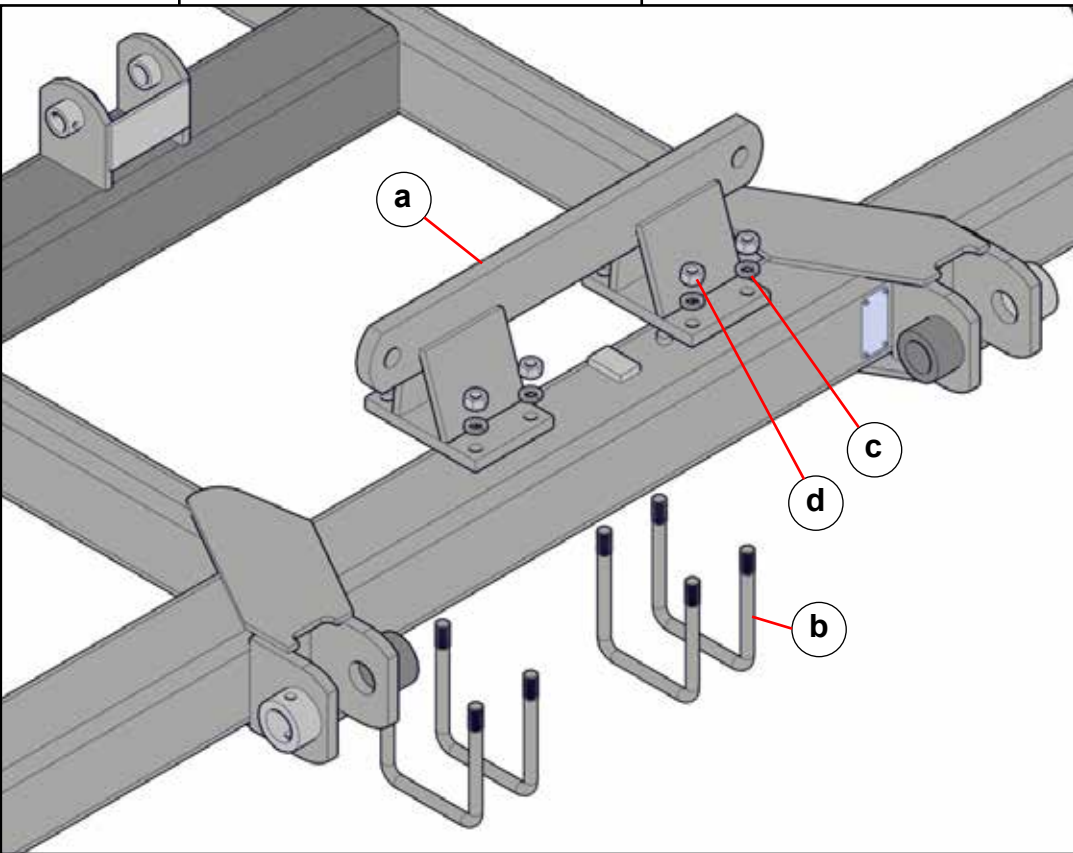
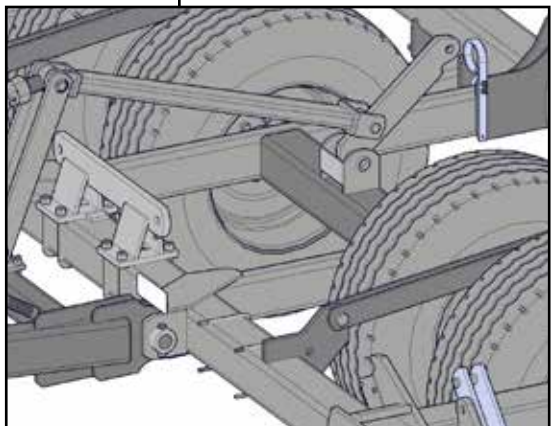
7. Mount (DP4485) 3-3/4" x 12" rephase cylinder to main frame weldment with cylinder pin. (Ports up)
8. Loosen plugs and extend rod to cylinder arm.




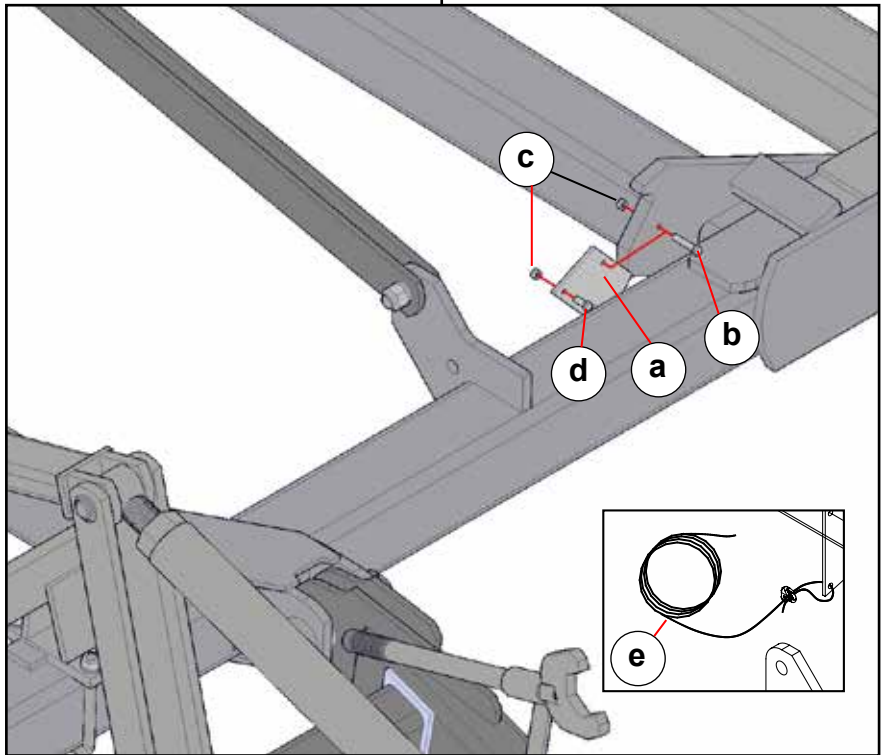
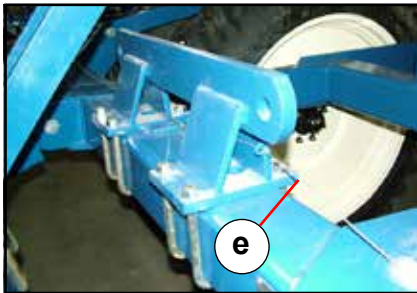
9. Adjust turnbuckle if cylinder rod and arm do not match up.
10. Secure cylinder rod to arm with cylinder pin.



Bolt-On Cylinder Lug

Task	Procedures	Illustrations
<p>► Mounting cylinder lug</p>	<p>1. Mount (a) (AM4563) bolt-on 5" cylinder lug between stops with (b) (BP3350) 3/4" x 6" x 7-7/16" u-bolts, (c) (BP3035) 3/4" lock washers and (d) (BP3034) 3/4" hex nuts.</p>	
		
		

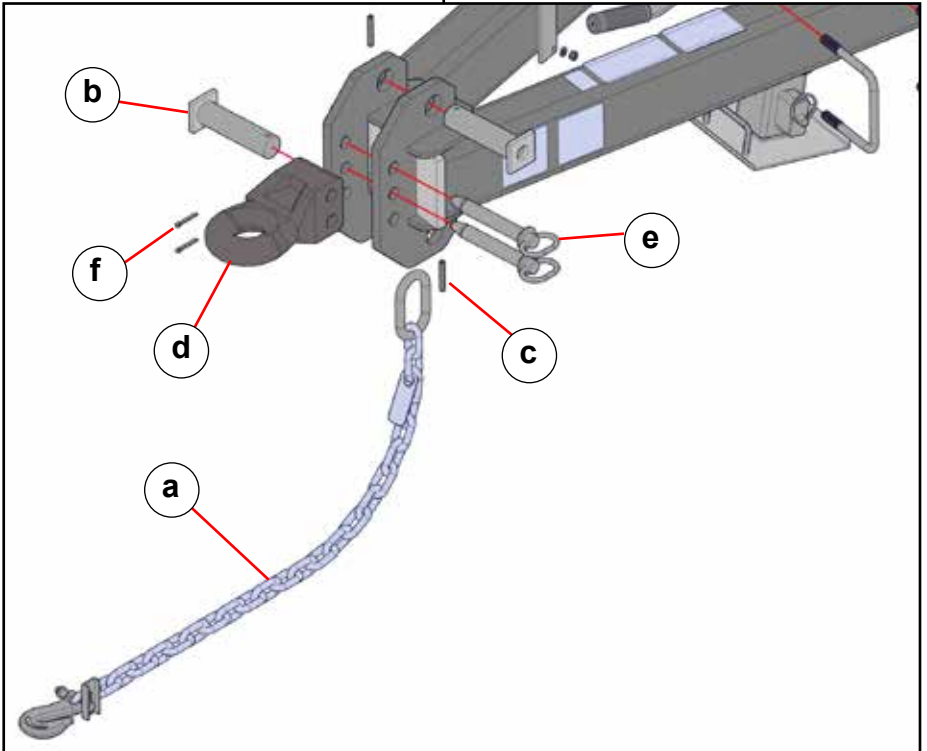
Primary Wing Cable Release

Task	Procedures	Illustrations
<p>► Mounting primary wing cable release</p> <p>► NOTE: Left-hand and right-hand as viewed from the rear</p>	<p>1. Attach (a) (AM4529) primary wing safety latch trip on tractor side hinge weldment with (b) (BP3115) 3/8" x 2" hex cap screw and (c) (BP3003) 3/8" hex lock nut.</p> <p>Do not tighten completely. <u>Latch must move freely.</u></p> <p>2. Install (d) (BP3006) 3/8" x 1" hex cap screw in top hole of latch plate and secure with (c) (BP3003) 3/8" hex lock nut.</p> <p>3. String (e) (AP2872) 3/32" x 144" cable through loops on cylinder lug and extend to right-hand hinge weldment.</p> <p>4. Repeat latch assembly.</p>	  <p>Left-hand from the rear</p> 

Hitch and Safety Chain Mounting

► **Mounting safety chain**

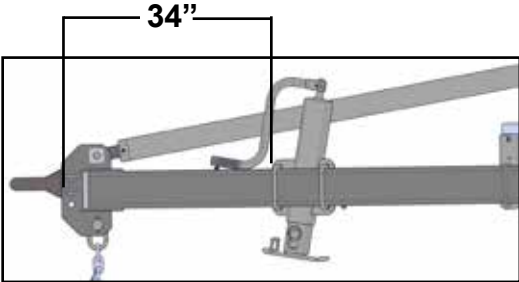
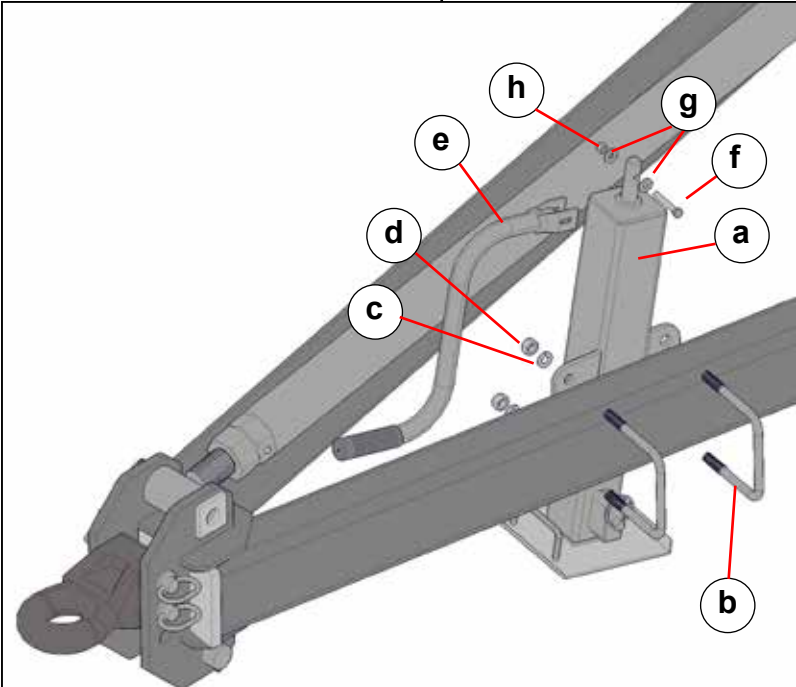

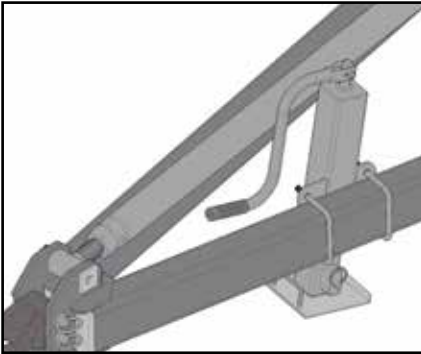
1. Attach (a) (AP4391) 60,000# 5/8" safety chain with (b) (BM3610) 1-3/4" x 6-3/16" pin. Secure with (c) (BP3519) 3/8" x 2-1/2" roll pin.



2. Mount (d) (AP2864) Cat. IV perfect hitch with two (e) (BP3051) 1" x 6" pins, Secure with (f) (BP3511)

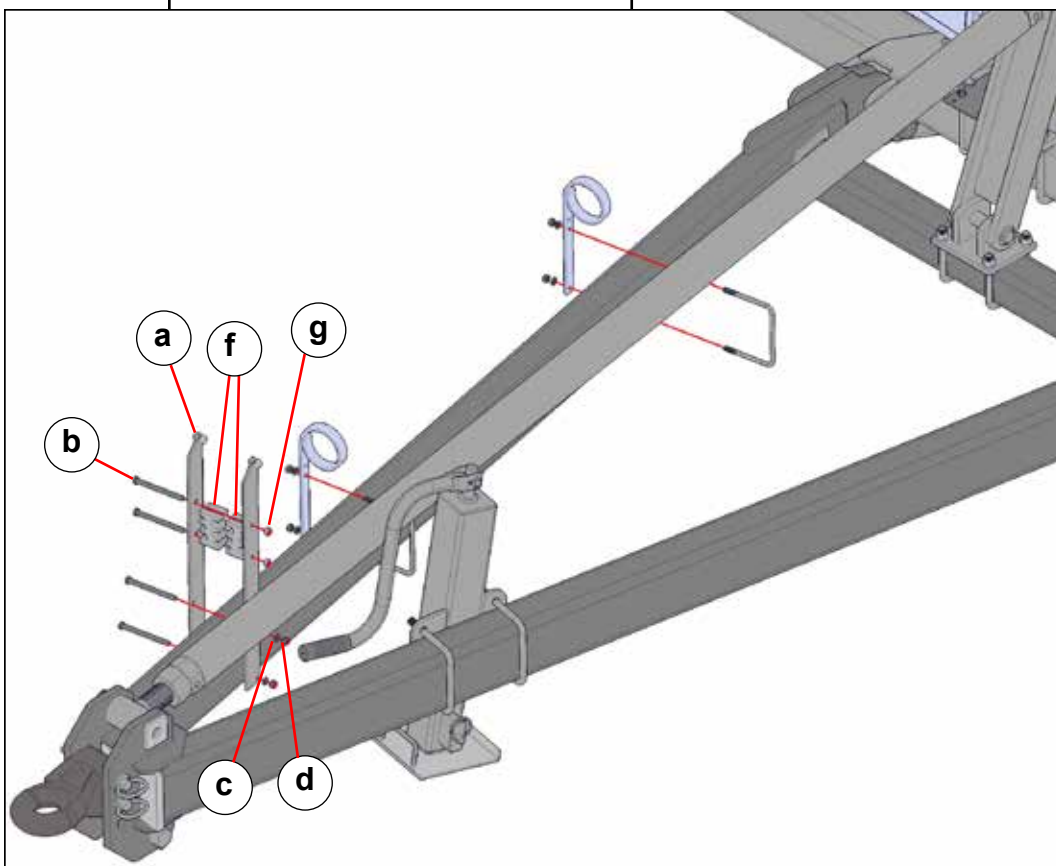


Jack Mounting and Assembly

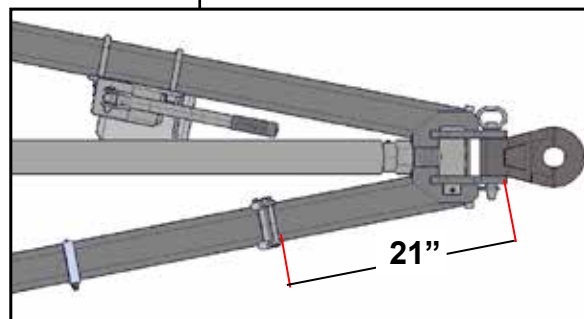
Task	Procedures	Illustrations
<p>► Mounting jack</p> <p>► NOTE: Left-hand and right-hand as viewed from the rear</p>	<p>1. Position (a) (AM2518) 9TW-25DL Top wing DL jack on tongue 58-1/2" from hitch end of tongue weldment. Insert (b) (BP3347) 5/8" x 4"W x 5-5/8"L u-bolts. Secure with (c) (BP3039) 5/8" lock washers and (d) (BP3038) 5/8" hex nuts.</p> <p>2. Attach (e) (AM2526) jack handle with (f) (BP3096) 3/8" x 2-1/2" hex cap screw, two (g) (BP3015) 3/8" flat washers and (h) (BP3003) 3/8" hex lock nut.</p>	   

Hose Holder and Hose Tender Mounting

Task	Procedures	Illustrations
<p>► Mounting hose holder and hose tender</p> <p>► NOTE: Left-hand and right-hand as viewed from the rear</p>	<p>1. Place (a) (AM4528) hose holder brackets 24-3/4" from hitch end of tongue. Insert (b) (BP3118) 3/8" x 5" hex cap screws through bracket over tongue into second bracket. Secure with (c) (BP3002) 3/8" lock washers and (d) (BP3001) 3/8" hex nuts.</p>	<p>2. Position (f) (AP2871) poly hose retainer between brackets and insert (b) (BP3118) 3/8" x 5" hex cap screws through brackets and place (g) (BP3003) 3/8" lock nuts on bolts. Do not tighten until hose are inserted.</p>



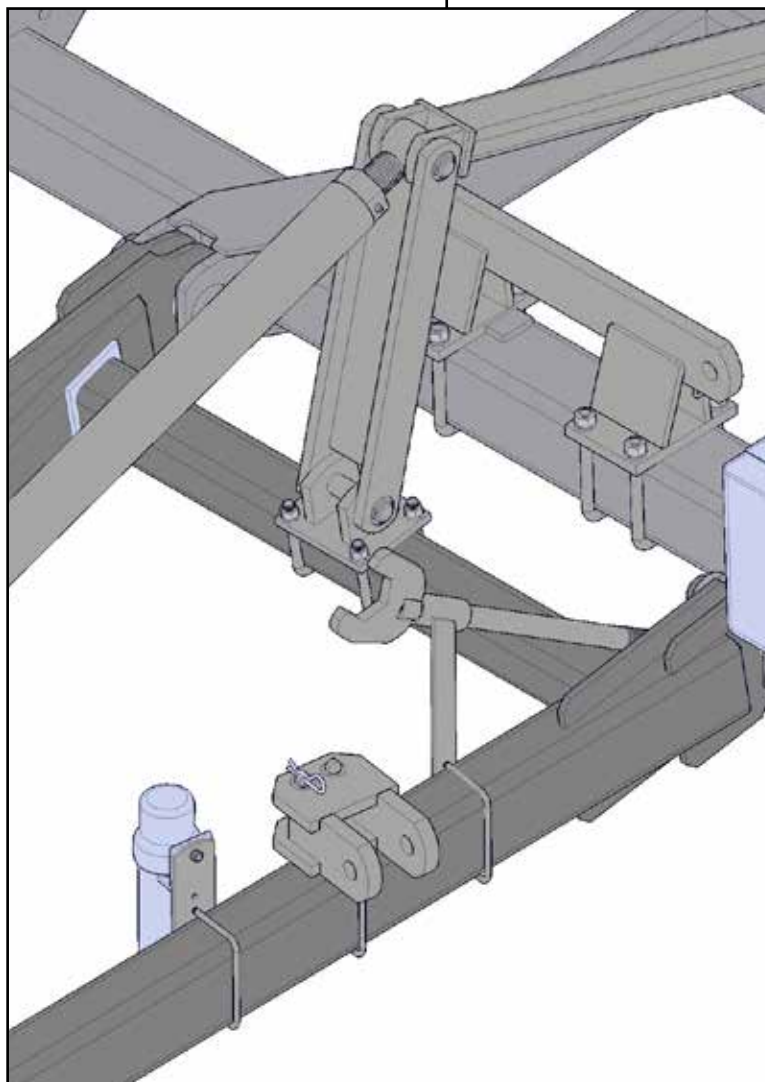
3. Install (h) (AM4015) hydraulic hose tenders behind hose holder with (i) (BP3045) 3/8" x 6"W 5"L u-bolt, (c) (BP3002) 3/8" lock washers and (d) (BP3001) 3/8" hex nuts.



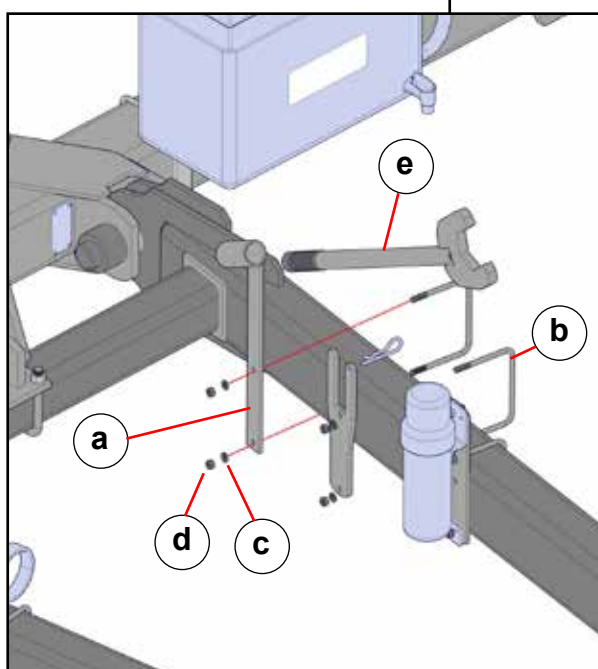
Turnbuckle Wrench Holder

Task	Procedures	Illustrations
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► **Mounting turnbuckle wrench holder**



1. Mount (a) (AP2197) wrench storage bracket on tongue with (b) (BP3045) 3/8"-16 x 6"W x 5"L u-bolt, (c) (BP3002) 3/8" lock washers and (d) (BP3001) 3/8" hex nuts. Insert (e) (AM4759) Turnbuckle wrench 3-1/2" into holder.



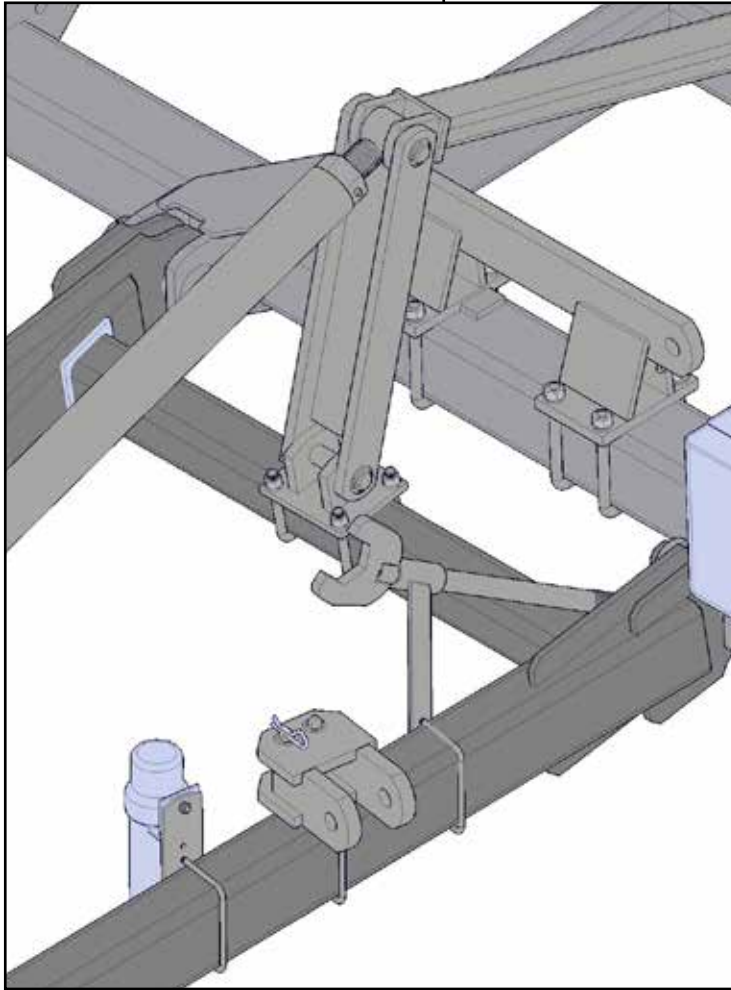
Hitch Storage Assembly

Task

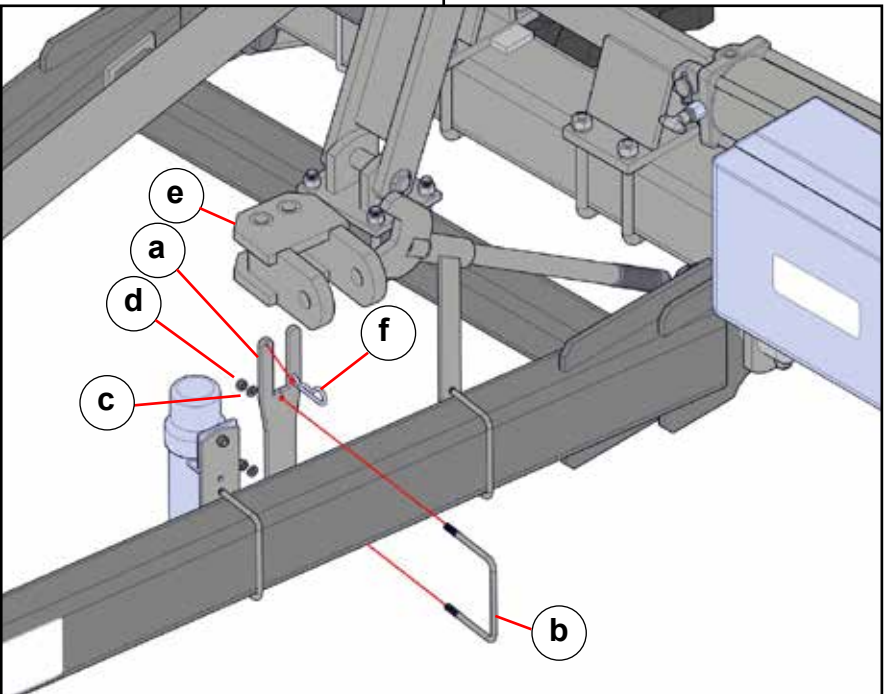
Procedures

Illustrations

► Mounting hitch holder



1. Mount (a) (AM2145) hitch storage bracket on tongue with (b) (BP3045) 3/8"-16 x 6"W x 5"L u-bolt, (c) (BP3002) 3/8" lock washers and (d) (BP3001) 3/8" hex nuts. Place (e) (AM2144) fabricated truck hitch on storage bracket. Secure with (f) (BP3500) 3/16" hair pin clip.



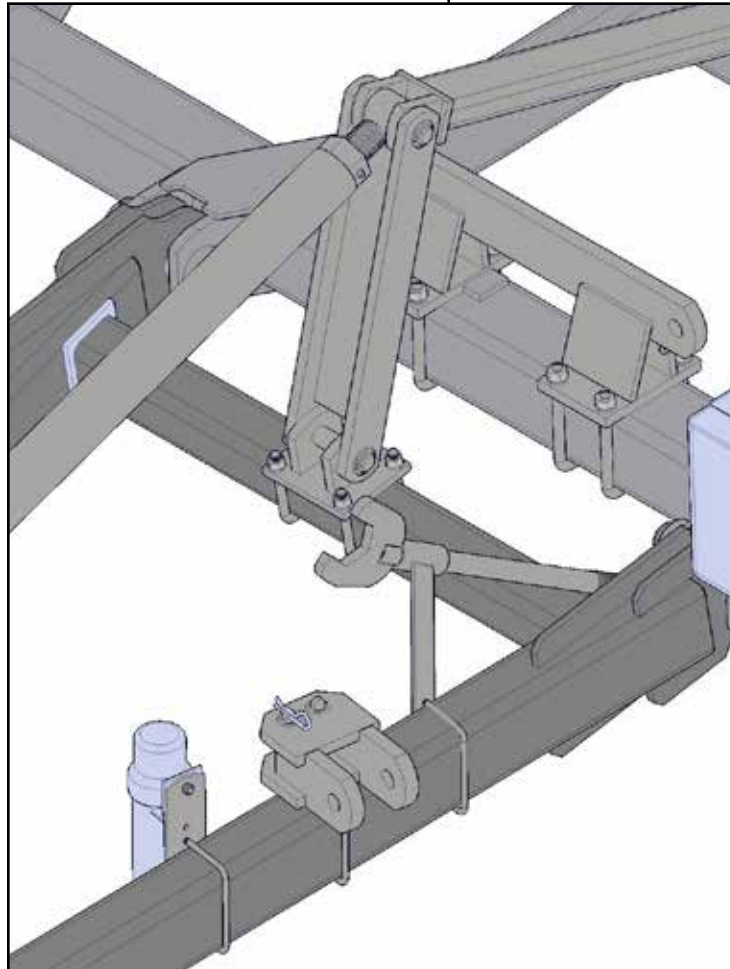
Manual Holder Assembly

Task

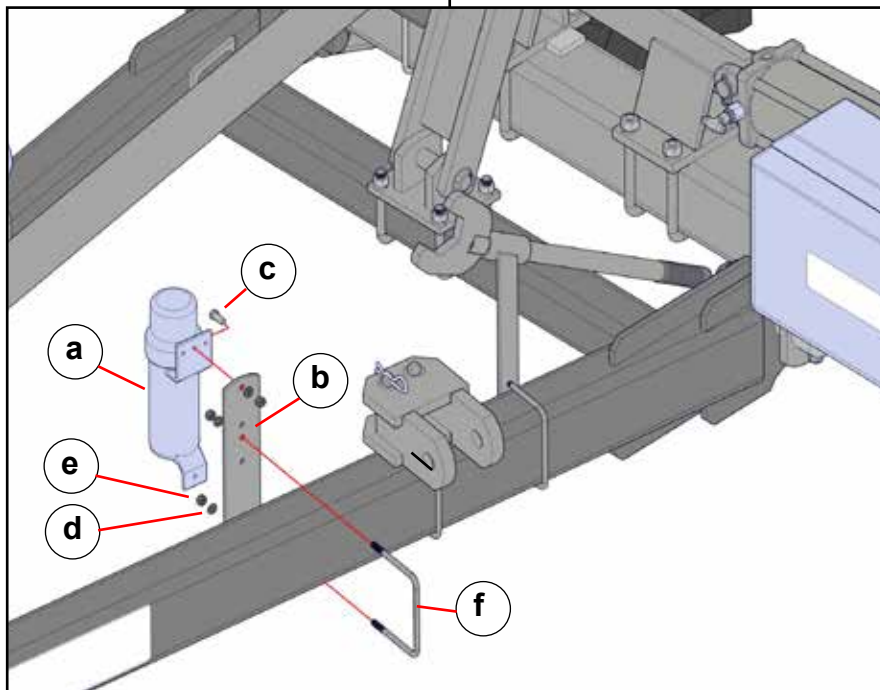
Procedures

Illustrations

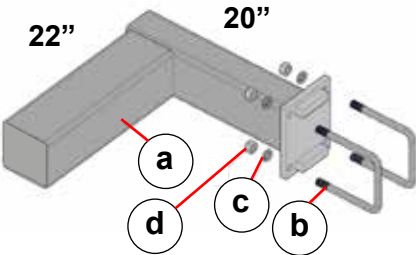

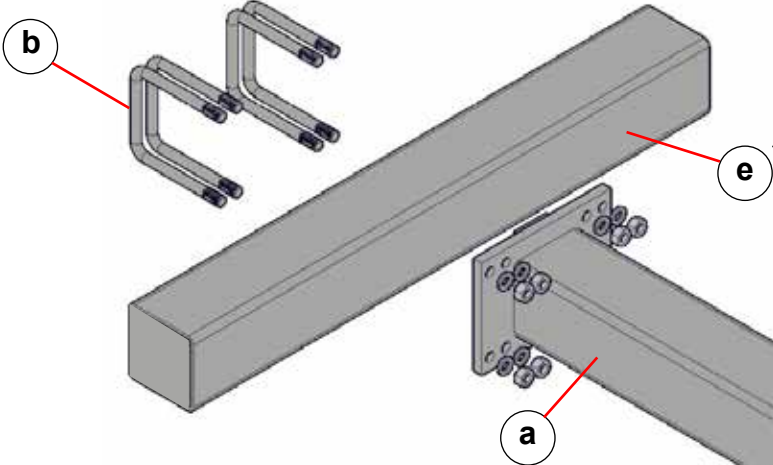

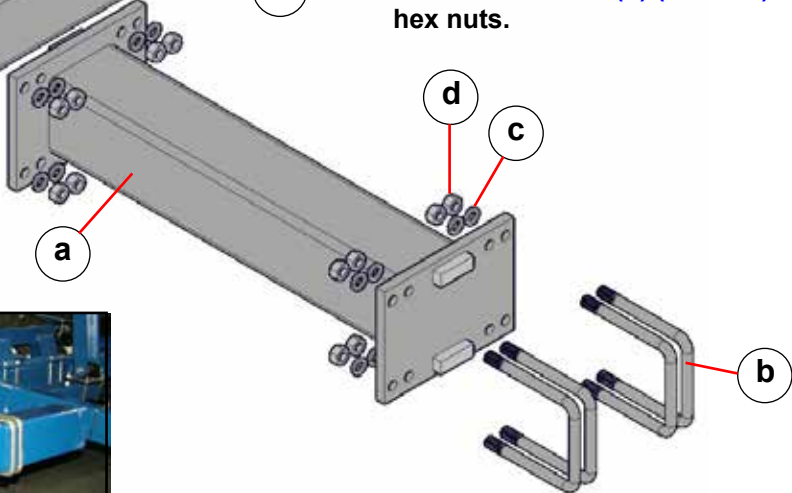
► Mounting manual holder




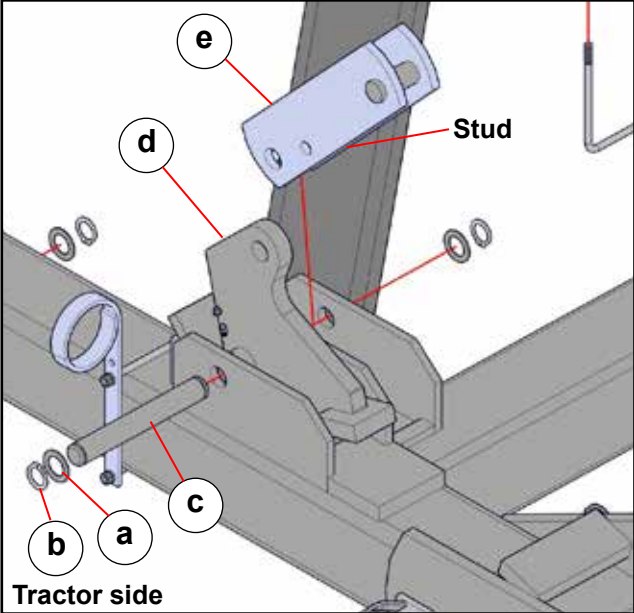
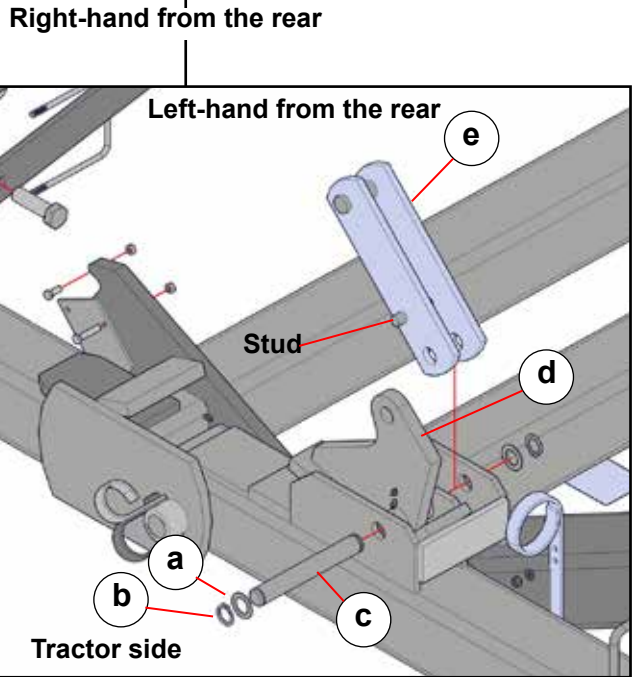
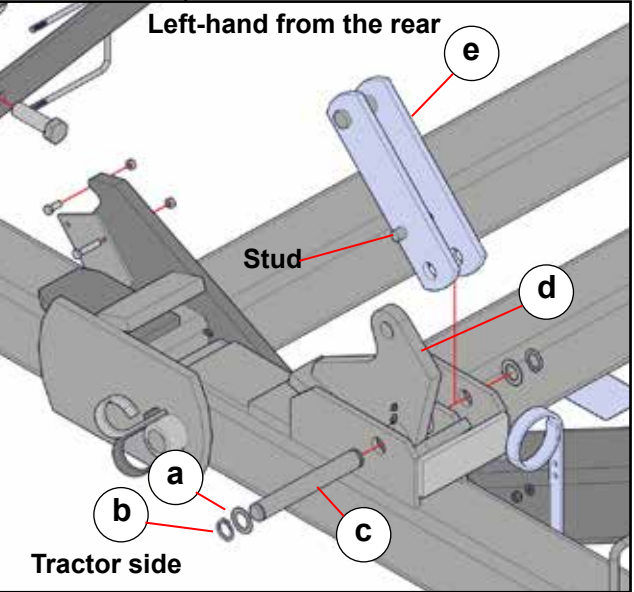
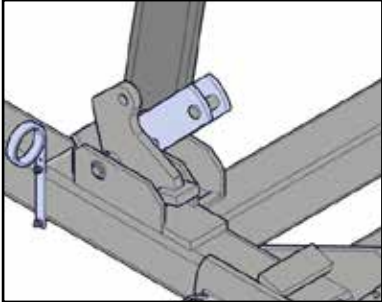
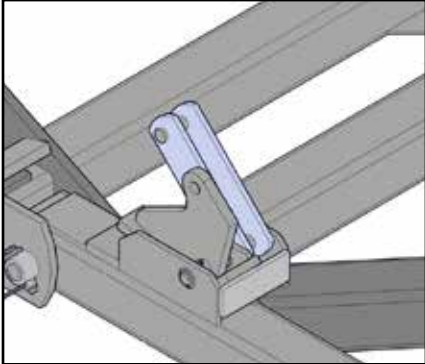
1. Mount (a) (AP4254) top of manual holder to (b) (AM7640) mounting bracket with (c) (BP3006) 3/8" x 1" hex cap screw. Secure (d) (BP3002) 3/8" lock washer and (e) (BP3001) 3/8" hex nut.
2. Attach bracket on tongue with (f) (BP3045) 3/8"-16 x 6"W x 5"L u-bolt, (d) (BP3002) 3/8" lock washers and (e) (BP3001) 3/8" hex nuts.



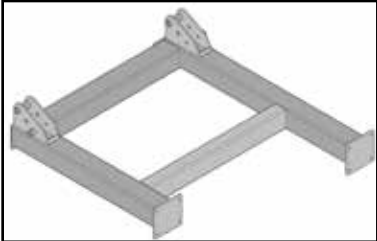
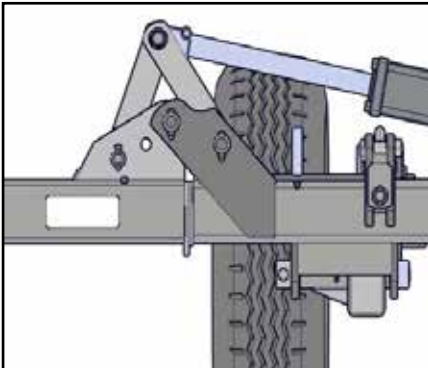
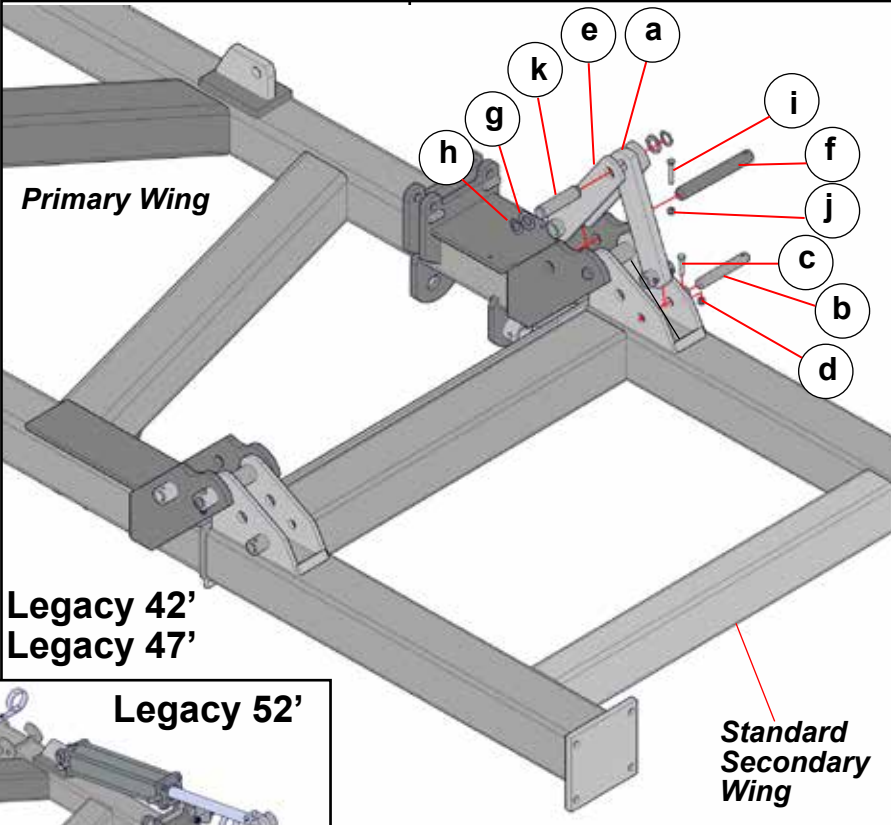
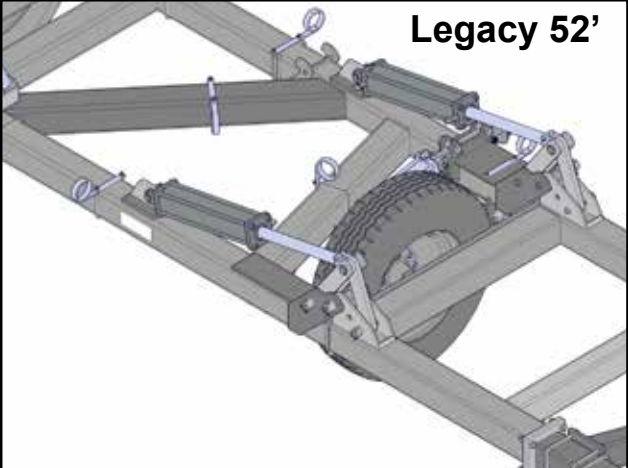
Stagger Bracket Mounting

Task	Procedures	Illustrations
<p>▶ Mounting stagger brackets</p> <p>▶ NOTE: Consult row spacing page for required stagger brackets</p>	<p>1. Attach (a) (AM4545) 22" x 20" 6 x 6 mounting offset stagger bracket with (b) (BP3350) 3/4" x 6"W x 7-1/16" L u-bolt, (c) (BP3035) 3/4" lock washers and (d) (BP3034) 3/4" hex nuts.</p> <p><i>Consult stagger bracket parts page for other mountings your row spacing will require.</i></p> 	 <p><u>AAM2123 Bucket, Offset Stagger, 22" x 20", 6" x 6" with hardware</u></p>
 	<p>1. Attach (a) (AM6161) 35" double extension bracket 6" x 6" mounting to frame with four (b) (BP3350) 3/4" x 6"W x 7-1/16" L u-bolts (c) (BP3035) 3/4" lock washers and (d) (BP3034) 3/4" hex nuts.</p> <p>2. Mount (e) (AM6160) 35" extension bracket to 35" extension bracket with four (b) (BP3350) 3/4" x 6"W x 7-1/16" L u-bolts, (c) (BP3035) 3/4" lock washers and (d) (BP3034) 3/4" hex nuts.</p> 	

Primary Wing Linkage

Task	Procedures	Illustrations
<p>► Mounting primary wing linkage</p> <p>► NOTE: <i>Left-hand and right-hand as viewed from the rear</i></p>	<ol style="list-style-type: none"> Place (a) (BP3249) 1-7/8" OD x 1-1/4" ID machinery bushing and (b) (AP2711) 1-1/4" snap ring on (c) (BM3544) 1-1/4" x 9" double grooved pin. Insert (d) (AM4524) rocker plate into primary wing weldment. Insert (c) (BM3544) 1-1/4" x 9" double grooved pin from the tractor side into weldment through rocker plate. Place (e) (AM4517) wing lock in rear side of weldment. Secure with (a) (BP3249) 1-7/8" OD x 1-1/4" ID machinery bushing and (b) (AP2711) 1-1/4" snap ring. <p>NOTE: the stud will point to the rear on the right-hand weldment and to the tractor side on the left-hand weldment. Continue inserting pin through wing lock.</p>	  <p>Tractor side</p>  <p>Right-hand from the rear</p>  <p>Left-hand from the rear</p>  

Standard Secondary Wing Linkage

Task	Procedures	Illustrations
<p>▶ Mounting standard secondary wing linkage</p>  <p>▶ NOTE: Left-hand and right-hand as viewed from the rear</p>	<ol style="list-style-type: none"> 1. Insert (a) (AM6197) wing linkage 12-1/4" w/1-1/4" hole into standard secondary wing hinge weldment. Insert (b) (BM3817) 1" x 6-7/8" with 13/32" hole headed with groove through hinge weldment into linkage. Secure pin with (c) (BP3115) 3/8" x 2" hex cap screw and (d) (CP2660) 3/8" hex lock nut. 2. Install (e) (AM6189) secondary wing linkage with (f) (BM3816) 1-1/4" x 9-13/16" pin. Secure with (i) (BP3096) 3/8" x 2-1/2" hex cap screw and (j) (CP2660) 3/8" hex lock nut. 	<ol style="list-style-type: none"> 3. When cylinder or cylinders are extended attach linkages with (k) (BM3548) 1-1/4" x 4-3/4" double grooved pin. Secure with (g) (BP3249) 1-7/8" OD x 1-1/4" ID machinery bushings and (h) (AP2711) 1-1/4" snap rings.   <p>Primary Wing</p> <p>Legacy 42' Legacy 47'</p> <p>Standard Secondary Wing</p>
	 <p>Legacy 52'</p>	

Secondary Wing Latch Standard Wing

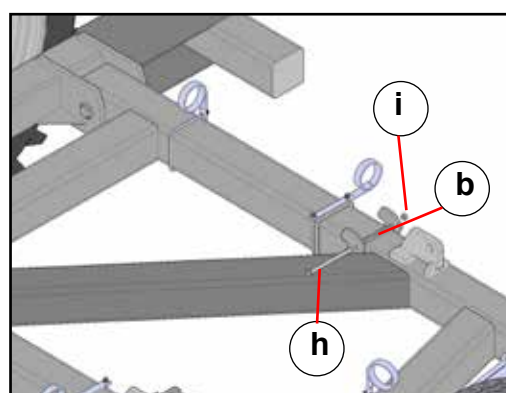
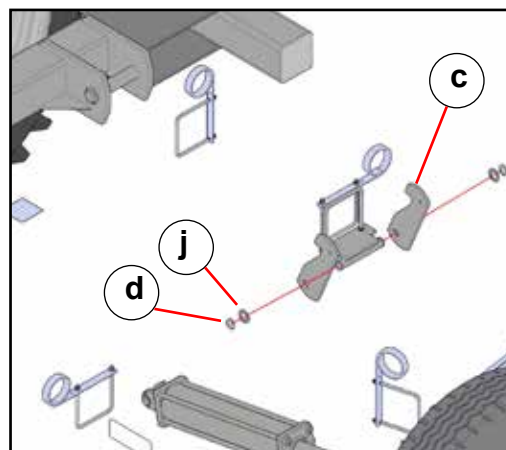
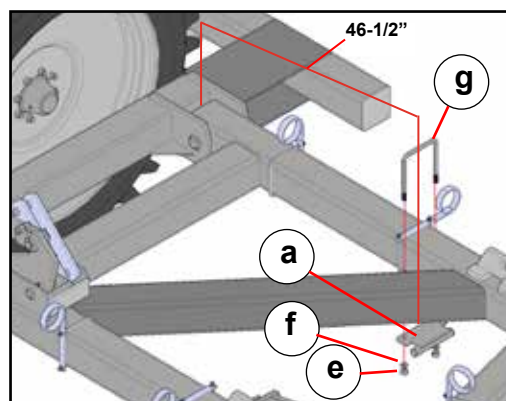
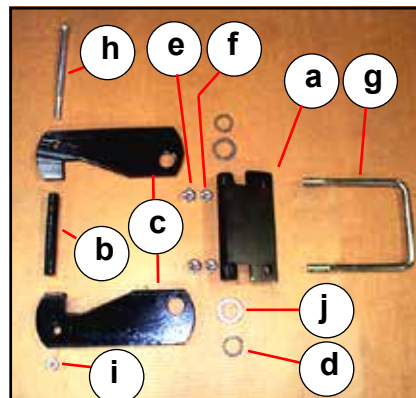
Task

Installation of secondary wing latch Standard secondary wing

Procedures

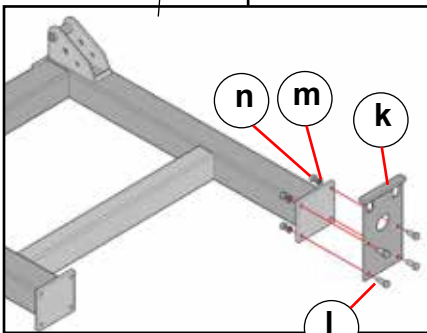
1. a. AM4566 2 Wing latch pivot, secondary wing
 b. AM4567 2 Pipe spacer
 c. AM4568 4 Secondary wing lock plate
 d. AP2711 4 Snap ring, 1-1/4" external, heavy duty
 e. BP3038 2 Nut, hex, 5/8"-11, grade 2, plated
 f. BP3039 2 Lock washer 5/8", plated
 g. BP3354 2 U-bolt 5/8"-11 x 6" x 7-3/4", plated
 h. BP3179 2 Hex cap screw, 1/2"-13 x 8", grade 5, plated
 i. BP3244 2 Nut, hex lock, 1/2"-13
 j. BP3249 4 Machinery bushing, 1-7/8" OD x 1-1/4" ID, 14 Ga.
2. Place (a) (AM4566) wing latch pivot on bottom of rear primary wing tube 46-1/2" from hinge to back of latch. Install (g) (BP3354) 5/8" x 6" x 7-3/4" u-bolt into pivot bracket. Place (f) (BP3039) 5/8" lock washers and (e) (BP3038) 5/8" hex nuts on u-bolt. Tighten hex nut enough so the pivot bracket will still slide on tube.
3. Install (c) (AM4568) secondary wing lock plates on both sides of pivot bracket. Secure with (j) (BP3249) 1-7/8" OD x 1-1/4" ID machinery bushing and (d) (AP2711) 1-1/4" snap ring heavy duty.
4. Raise both wing lock plates and install (h) (BP3179) 1/2" x 8" hex cap screw through plate (b) (AM4567) pipe spacer and second plate. Secure with (i) (BP3244) 1/2" hex lock nut.
5. Check placement before tightening 5/8" hex nuts on u-bolt.
 Check wing lock plates. Lock plates must move freely.
6. Attach (k) (AM4565) wing rest with (l) (BP3139) 3/4" 2" hex cap screws, (m) (BP3035) 3/4" lock washers and (n) (BP3034) 3/4" hex nuts.

Illustrations



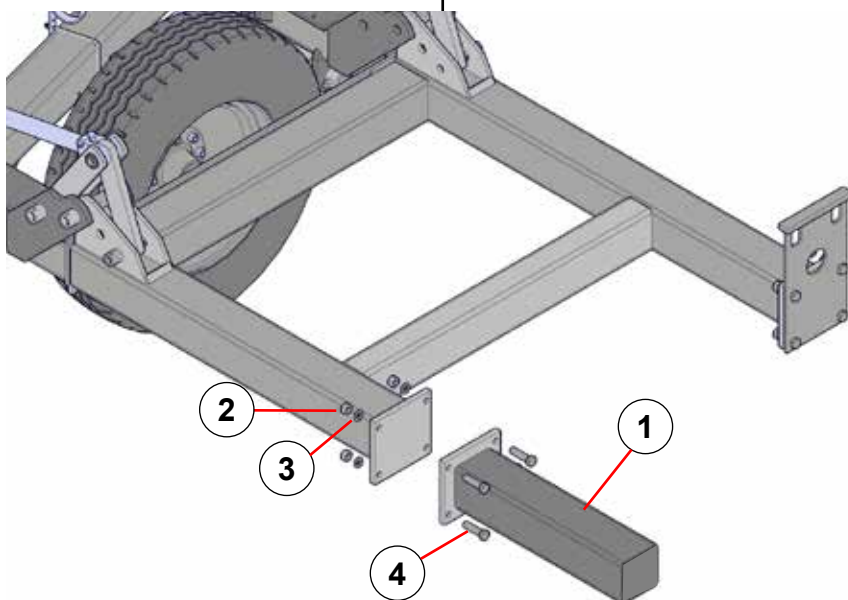
Consult row spacing page for placement of latch

Wing stop for AM4551 LH secondary wing and AM4552 RH secondary wing



Secondary Wing 28" Extension Kit

► **Installation
of 28"
extension kit**



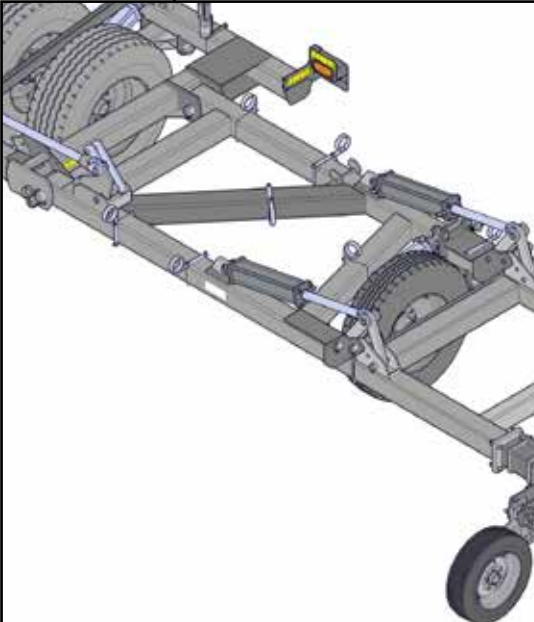
55000106 Kit, Extension, 28" Straight, 19R30,

- | | | | |
|----|--------|---|--|
| 1. | AM4544 | 2 | Bracket, extension, 28" 6" X 6" |
| 2. | BP3034 | 8 | Nut, hex, 3/4"-10, grade 2, plated |
| 3. | BP3035 | 8 | Washers, lock, 3/4", plated |
| 4. | BP3141 | 8 | Hex cap screw, 3/4"-10 x 3", grade 5, plated |

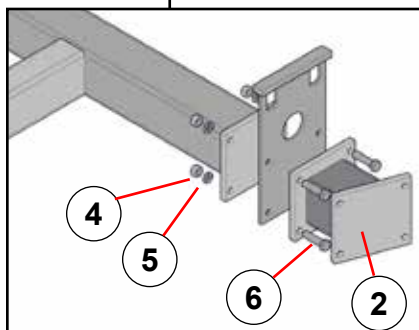
1. Mount (1) (AM4544) 28" extension bracket 6" x 6" on secondary wing tractor side with four (4) (BP3141) 3/4" x 3" grade 5 hex cap screws. Secure with (3) (BP3035) 3/4" lock washers and (2) (BP3034) hex nuts grade 2.

Secondary Wing Angled Stagger

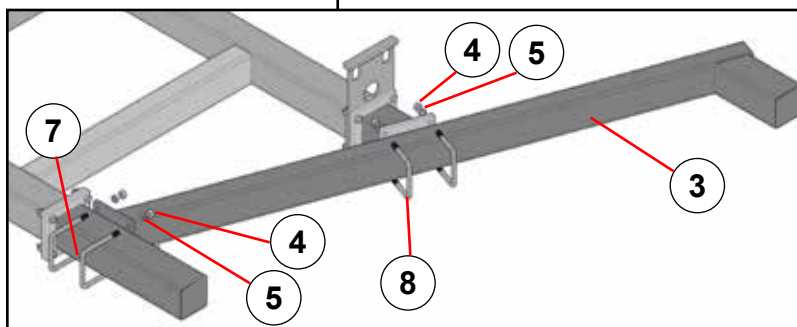
► Installation secondary wing angled stagger

Secondary Wing Angled Stagger			
Task	Procedures	Illustrations	
		Ref.	Part No.
		1.	AM4547
		2.	AM6203
		3.	AM6204
		4.	BP3034
		5.	BP3035
		6.	BP3141
		7.	BP3350
		8.	BP 3352
		Req.	Description
		2	Bracket, spacer, 13-1/2" OAL
		2	Bracket, spacer, 8" OAL
		2	Bracket, angled stagger, Legacy
		32	Nut, hex 3/4"-10, grade 2, plated
		32	Washer, lock, 3/4", plated
		8	Hex cap screw, 3/4"-10 x 3", grade 5, plated
		4	U-bolt, 3/4"-10 x 6" x 7-7/16", plated
		8	U-bolt, 3/4"-10 x 6" x 5-7/16", plated (SM Radius)

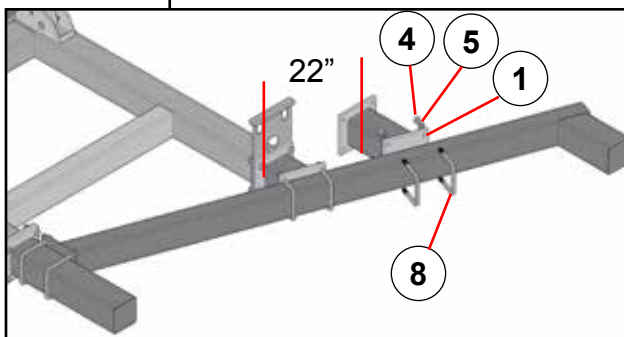
1. Remove wing stop hex cap screws and mount (2) (AM6203) 8" spacer bracket on secondary wing with four (6) (BP3141) 3/4" x 3", grade 5, hex cap screws. Secure with four (5) (BP3035) 3/4" lock washers and (4) (BP3034) 3/4" hex nuts grade 2.



2. Attach (3) (AM6204) angled stagger to front and rear mounting with two (8) (BP3352) 3/4" x 6" x 5-7/16" u-bolts and two (7) (BP3350) 3/4" x 6" x 7-7/16" u-bolts. Secure with four (5) (BP3035) 3/4" lock washers and (4) (BP3034) 3/4" hex nuts grade 2.



3. Mount (1) (AM4547) 13-1/2" spacer bracket, 22" from inside tube face to inside tube face of bracket. Secure with two (8) (BP3352) 3/4" x 6" x 5-7/16" u-bolts, four (5) (BP3035) 3/4" lock washers and four (4) (BP3034) 3/4" hex nuts grade 2.

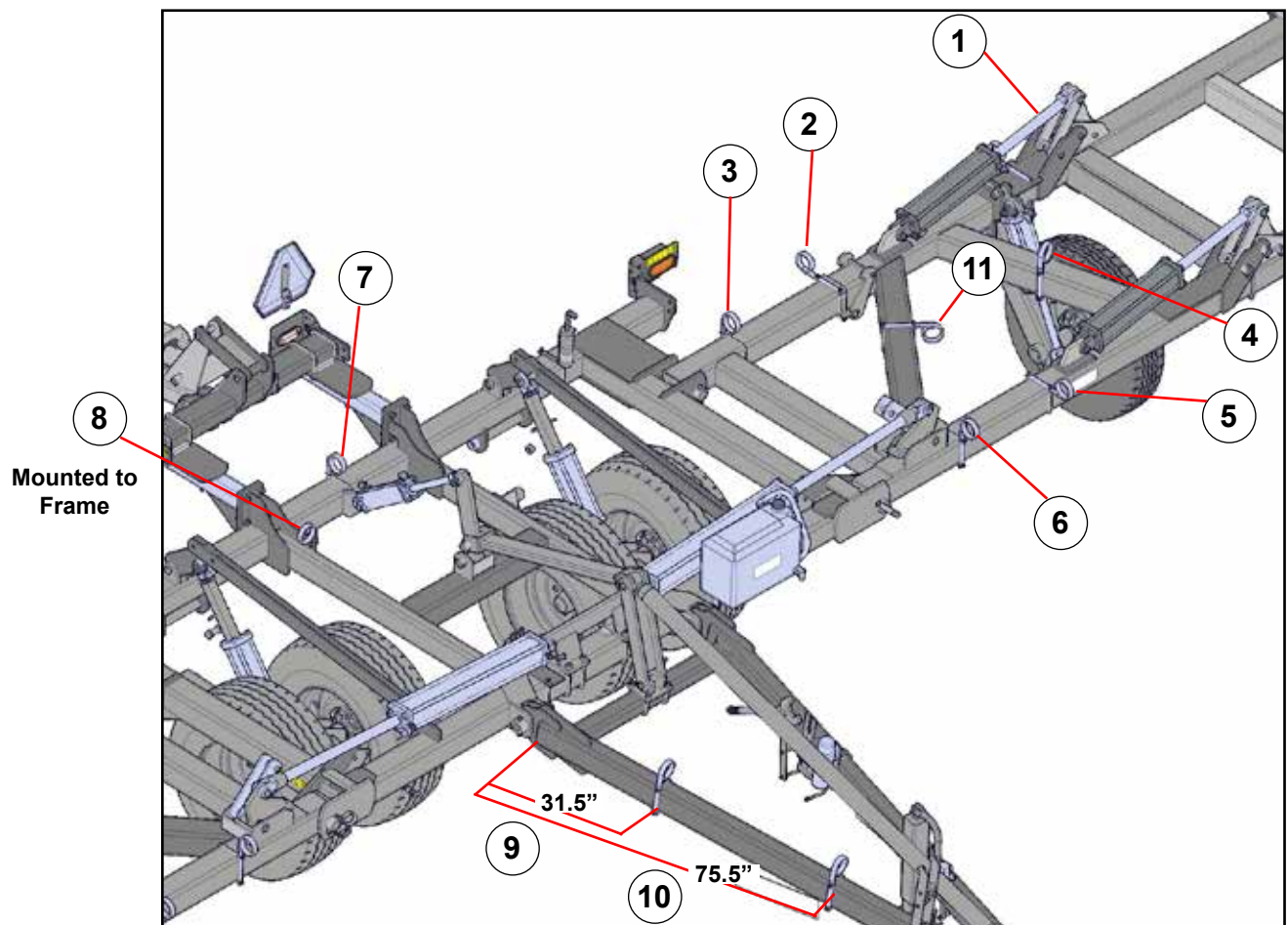
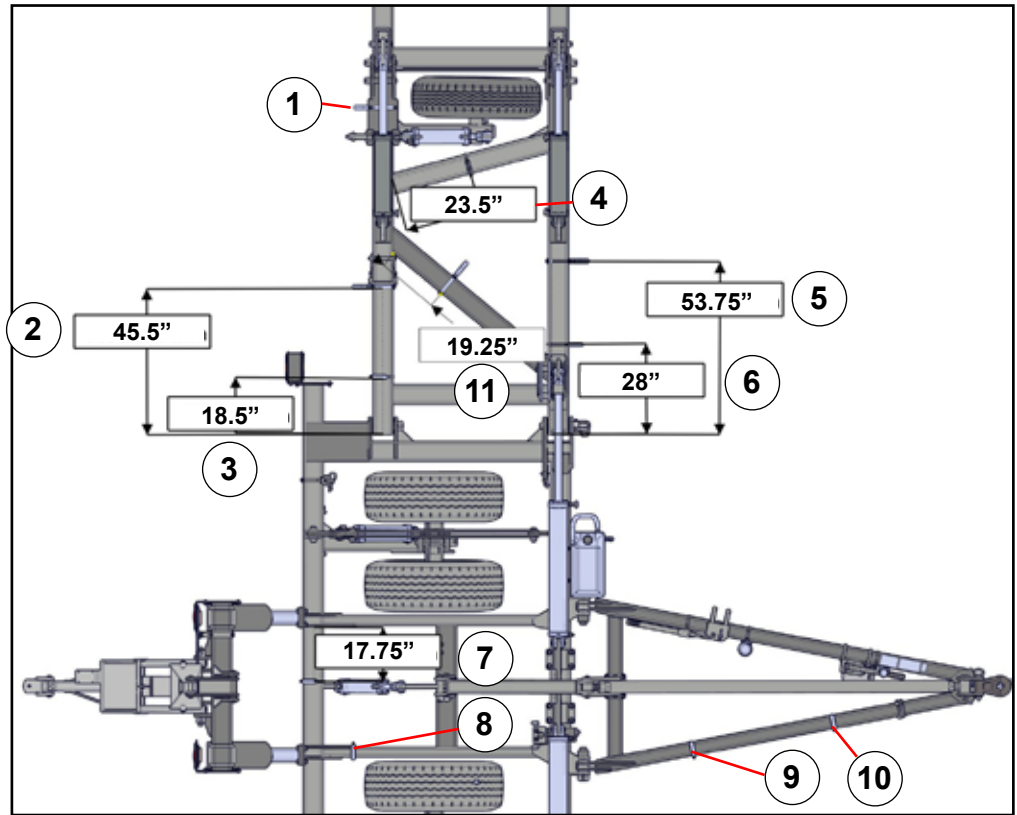


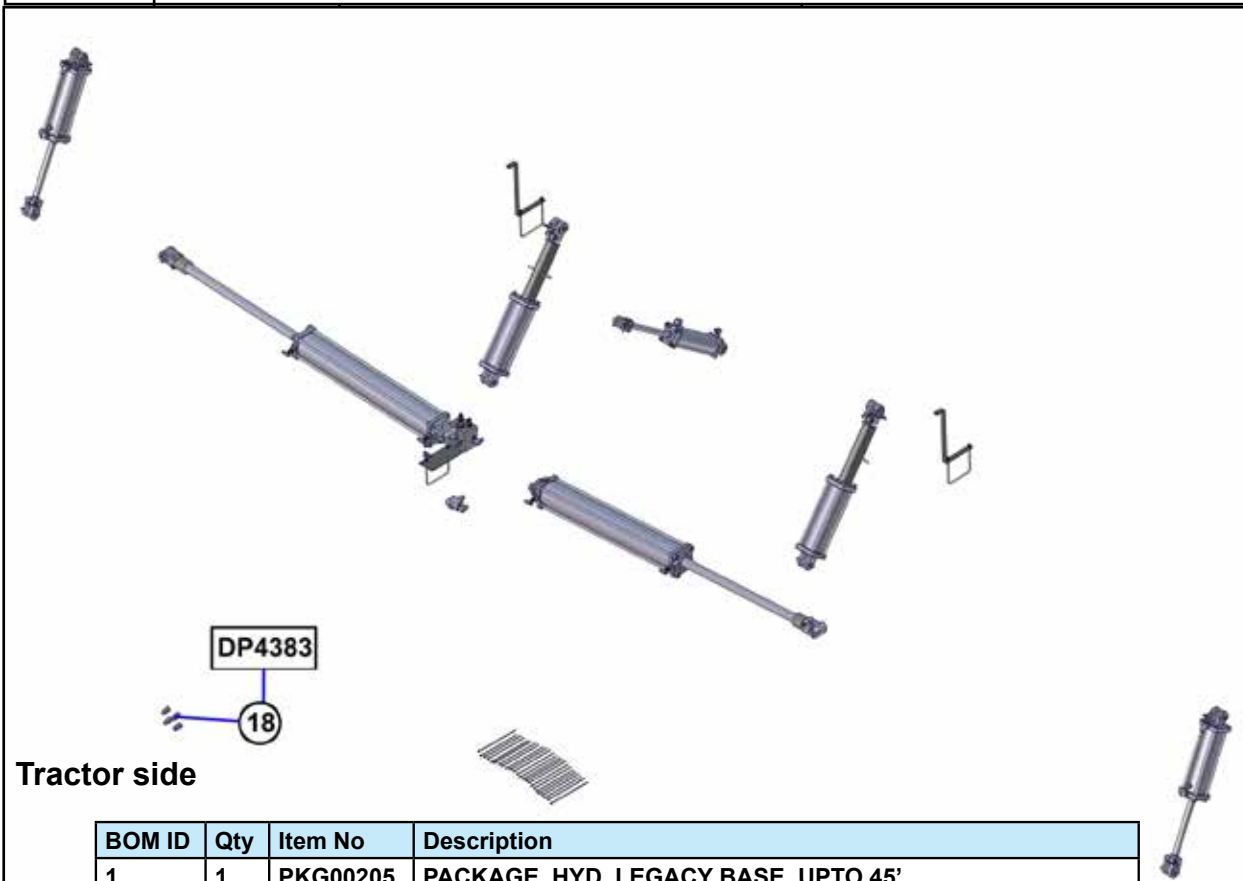
Hose Holder Placement 38', 42', 47', 52'

Task

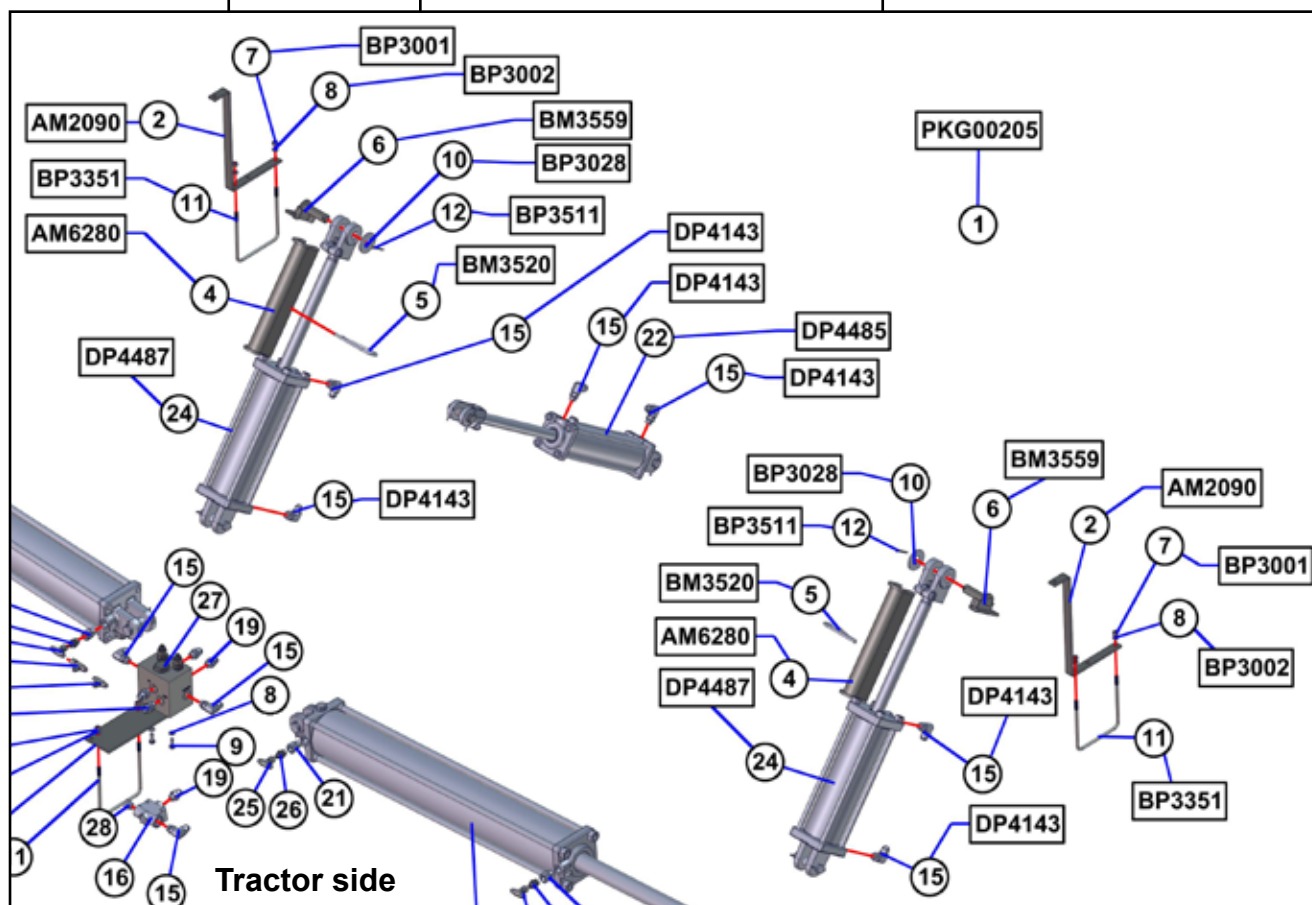
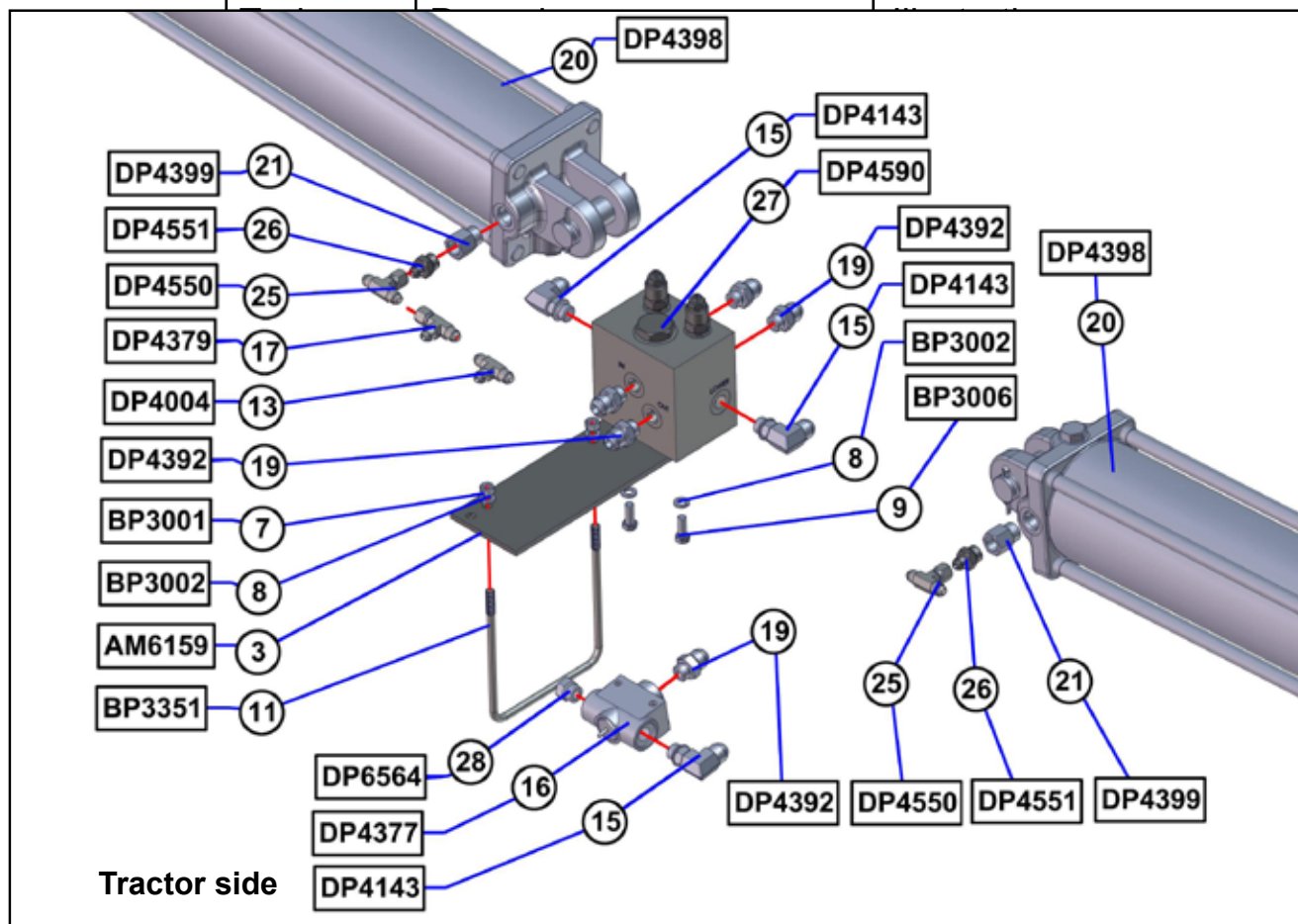
Procedures

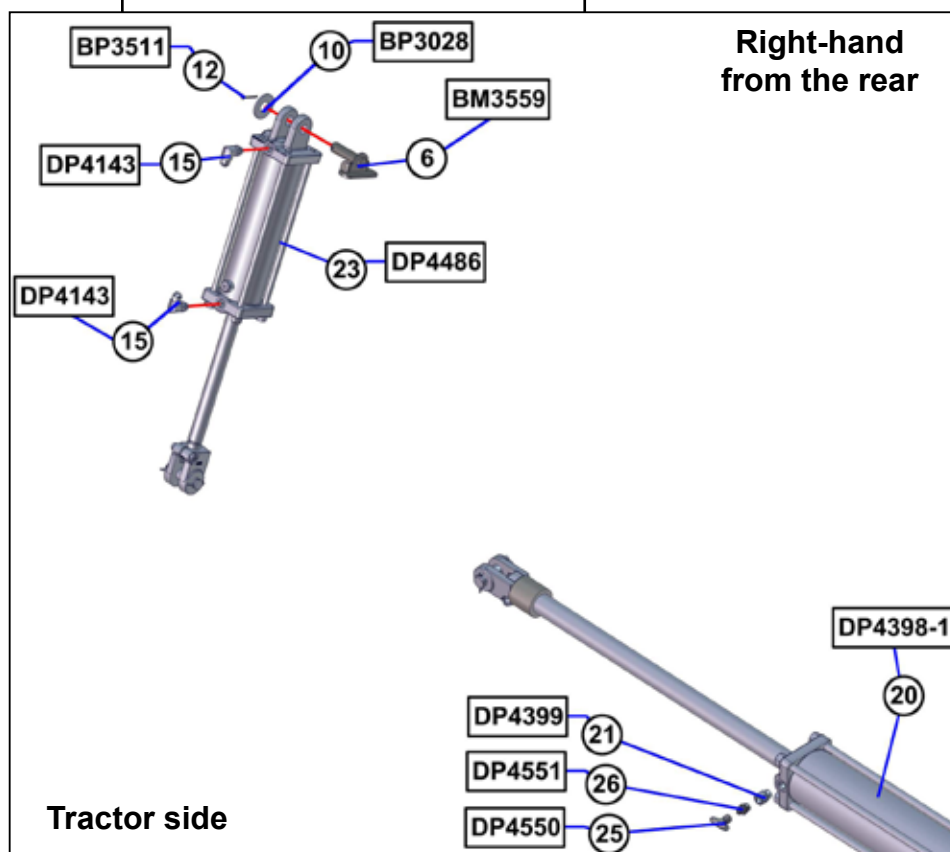
Illustrations





BOM ID	Qty	Item No	Description
1	1	PKG00205	PACKAGE, HYD, LEGACY BASE, UPTO 45'
2	2	AM2090	BRACKET, DEPTH COLLAR & LOCKUP STORAGE
3	1	AM6159	BRACKET, MOUNTING, FLOW DIVIDER VALVE
4	2	AM6280	TRANSPORT CYLINDER LOCK, 1-3/4" & 2" CYL ROD, 12"
5	2	BM3520	CLIP PIN, TRANSPORT LOCK
6	4	BM3559	PIN, CLEVIS, 1 X 3 USEABLE, W/ ANTI-ROTATION
7	6	BP3001	NUT, HEX, 3/8"-16, GRD 2, PLTD
8	8	BP3002	WASHER, LOCK, 3/8", PLTD
9	2	BP3006	HEX CAP SCREW, 3/8"-16 X 1", GRD 5, PLTD
10	4	BP3028	WASHER, FLAT, 1", PLTD, STD
11	3	BP3351	U-BOLT, 3/8"-16 X 6W X 7L, PLTD
12	4	BP3511	PIN, COTTER, 3/16 X 1-3/4
13	1	DP4004	TEE, 6MJ-6MJ-6MJ
14	24	DP4086	CABLE TIE 11-3/8" STD
15	13	DP4143	ADAPTER, 10MJIC-8MSAE, 90°
16	1	DP4377	VALVE, REMOTE STROKE CONTROL, PM-SC-10
17	1	DP4379	TEE, RUN, 6FJX-6MJ-6MJ, STL, 6602-6
18	4	DP4383	COUPLER, PIONEER, 8MQBA-8FSAE
19	5	DP4392	ADAPTER, 8MSAE-10MJIC, STRAIGHT, 6400-10-8
20	2	DP4398-1	5" X 36" HYD CYLINDER, W/ 2-3/4" SPACER
21	4	DP4399	REDUCER, 10MSAE-8FSAE, 6410-10-8
22	1	DP4485	REPHASING CYLINDER, 3-3/4 X 12, PMS-AM-2558
23	2	DP4486	REPHASING CYLINDER, 4 X 12, PMS-AM-2552A
24	2	DP4487	REPHASING CYLINDER, 4-1/2 X 12 PMS-AM-2546
25	4	DP4550	TEE, BRANCH, 6FJX-6MJ-6MJ, 6600-6
26	4	DP4551	ADAPTER, 6MJ-8MSAE, W/ RESTRICTOR, 6400R-6-8-093
27	1	DP4590	FLOW DIVIDER WITH HOLDING VALVES
28	1	DP6564	PLUG, 8MSAE, HEX, 6408-8





Legacy 52' Wing Cylinder Fittings

Task

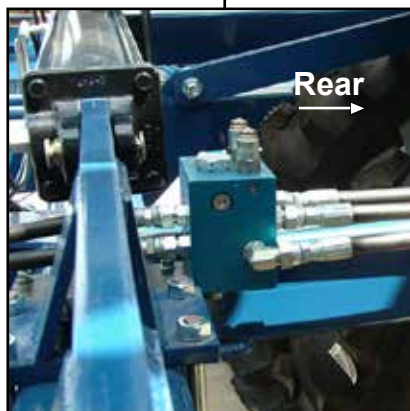
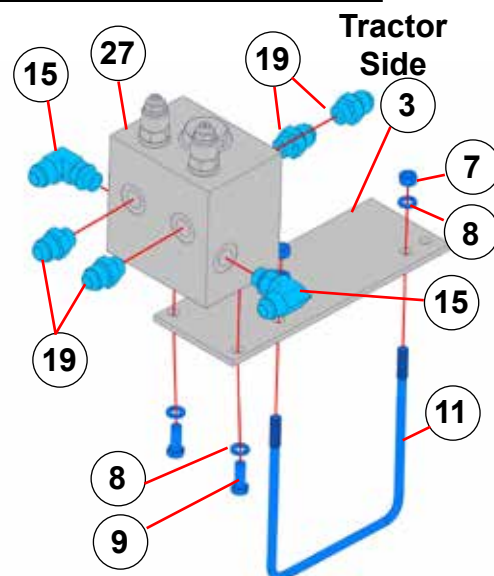
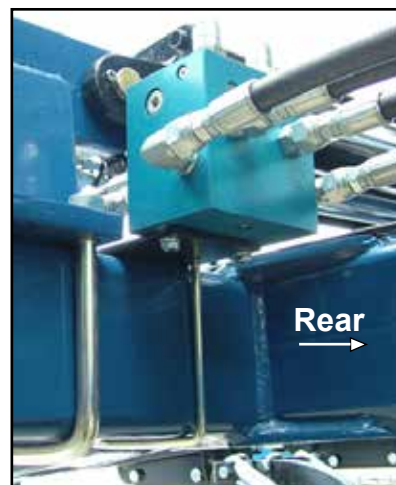
Procedures

Illustrations

Mounting wing cylinders

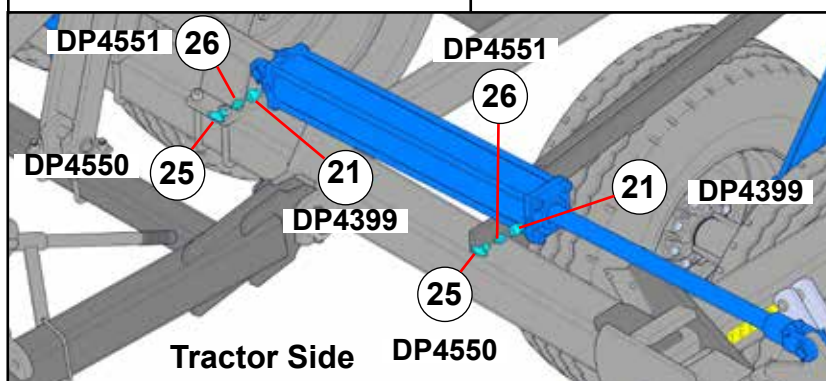
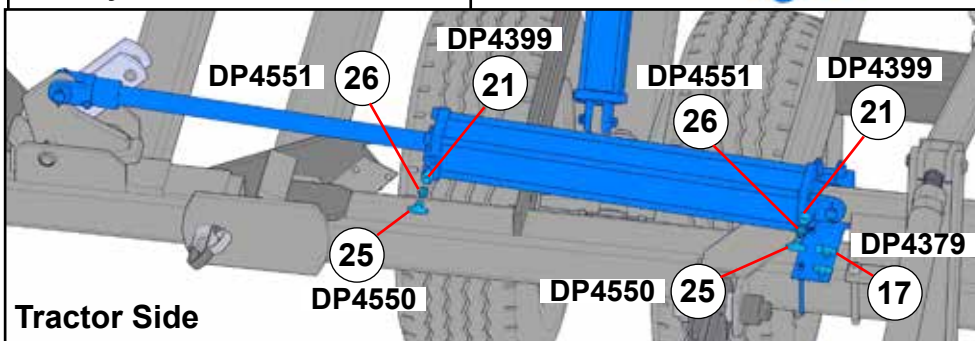
NOTE:
Left-hand and right-hand as viewed from the rear

1. Attach (27) (DP4590) flow divider to (3) (AM6159) check valve mounting plate with two (9) (BP3006) 3/8" x 1" hex cap screws, and two (8) (BP3002) 3/8" lock washers.
2. Position flow divider assembly on right-hand side from the rear under center section cylinder lug. Secure with (11) (BP3351) 3/8" x 6" x 7" u-bolt, (8) (BP3002) 3/8" lock washers and (7) (BP3001) 3/8" hex nut.
3. Install (15) (DP4143) 10MJIC-8MSAE 90 degree adapter on both sides of the flow divider block.
4. Install (19) (DP4392) 8MSAE-10MJIC straight adapter in front and rear ports.
5. Install (26) (DP4551) 6MJ-8MSE adapters w/restrictor, (21) (DP4399) 10MSAE-8FSAE reducers and (25) (DP4550) 6FJX-6MJ-6MJ tee branch in side ports of both primary wing cylinders.
6. Attach (17) (DP4379) 6FJX-6MJ-6MJ, STL tee run on (23) tee branch butt end of Right-hand from the rear cylinder.

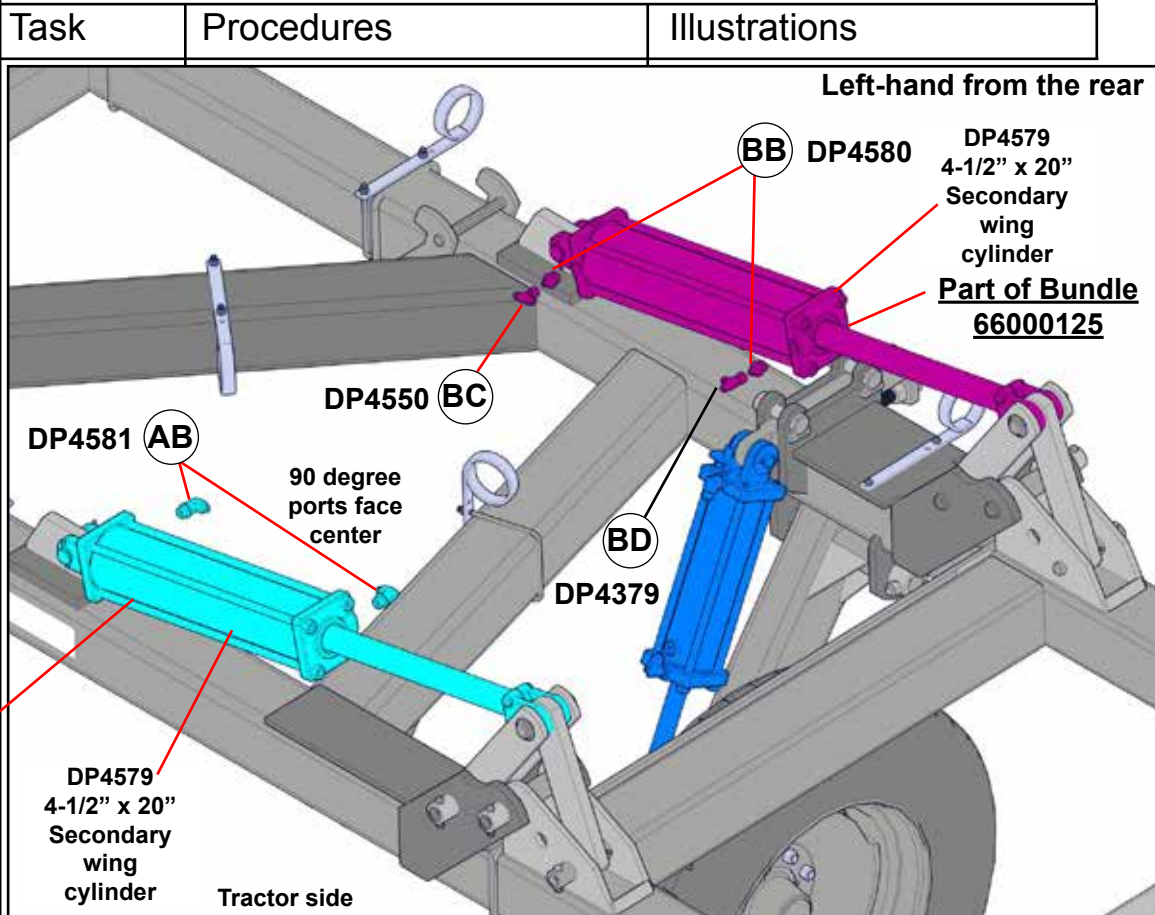


Right-hand from the rear

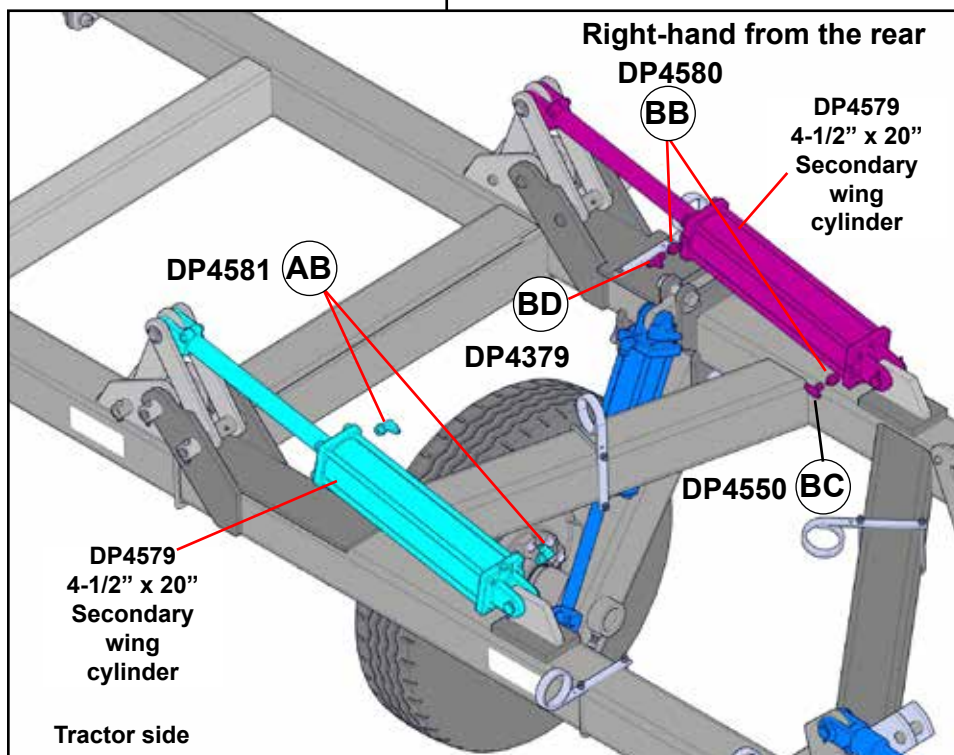
Left-hand from the rear



Legacy 52' Wing Cylinder Fittings



- Install (BB) (DP4580) 6MJ-10MSAE adaptors in side ports of tractor side secondary wing cylinders. Install (BC) (DP4550) 6FJX-6MJ-6MJ STL tee branch on adaptor butt end. Install (BD) (DP4379) 6FJX-6MJ-6MJ tee to adaptor rod end.
- Install (AB) (DP4581) 6MJ-10MSAE 90 degree adapters in both left-hand and right-hand side ports of 4-1/2" x 20" secondary wing cylinders.

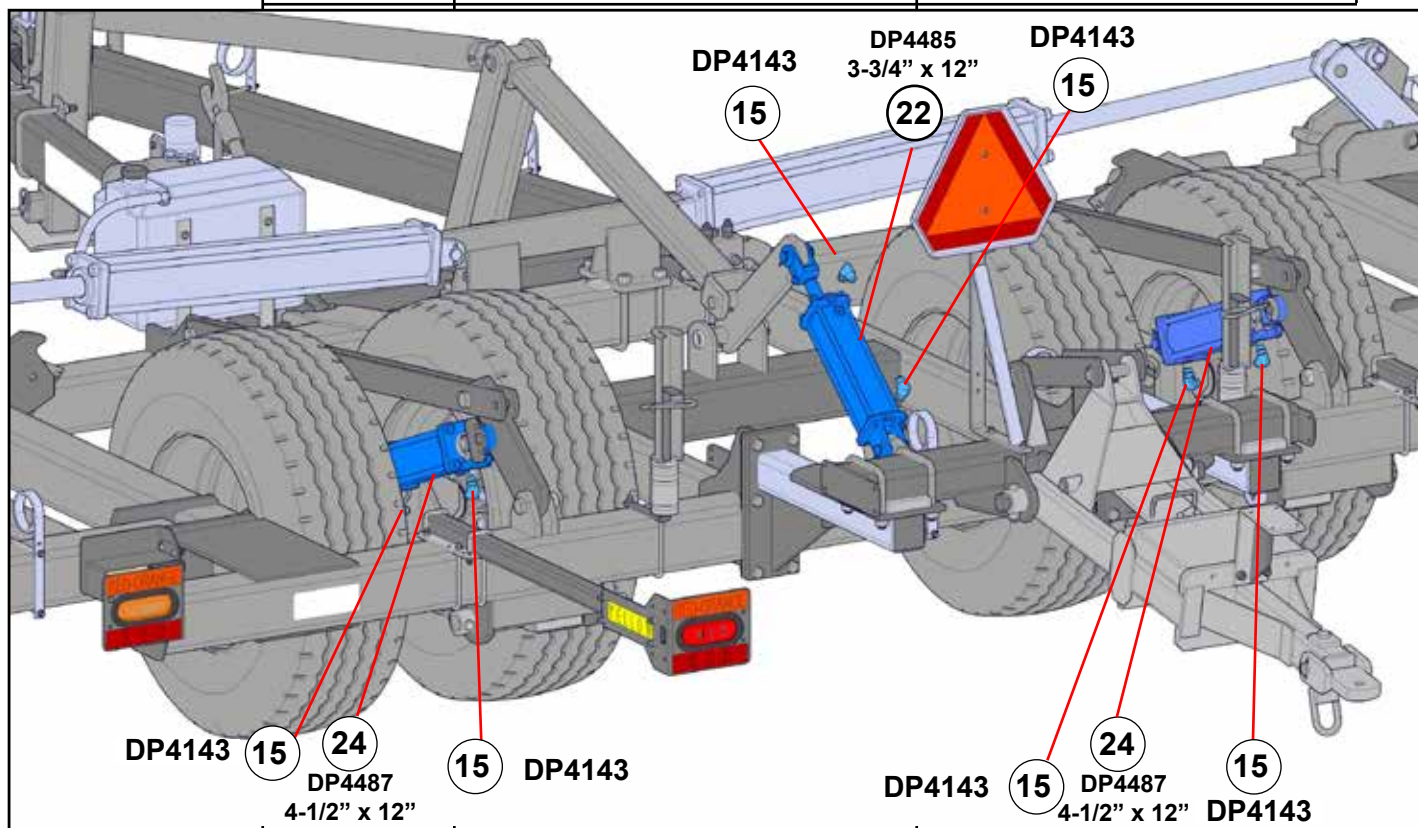


Legacy 52' Lift Cylinder Fittings

Task

Procedures

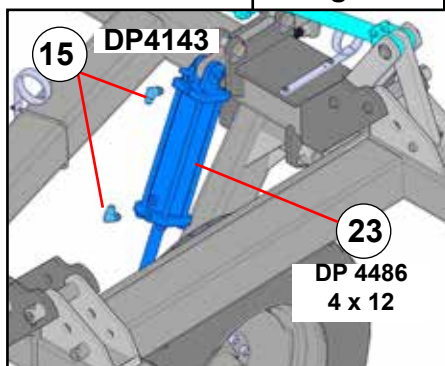
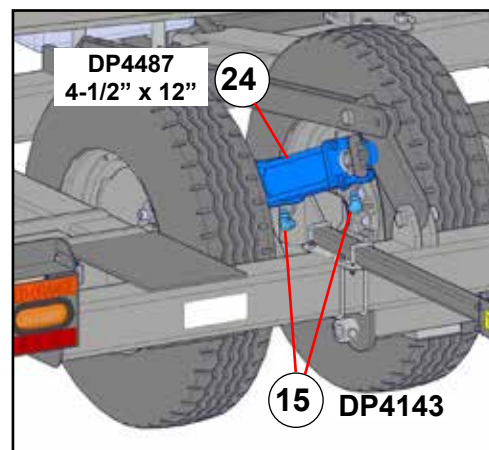
Illustrations



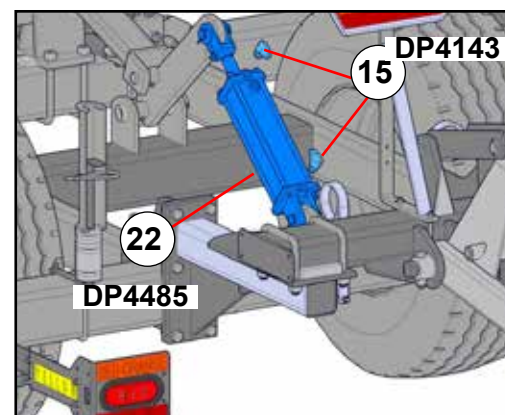
► Center section cylinder fittings

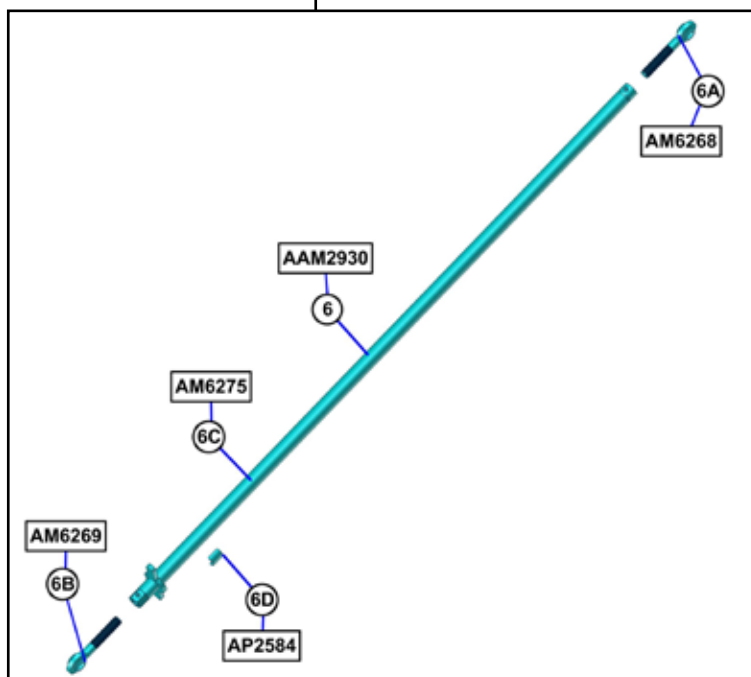
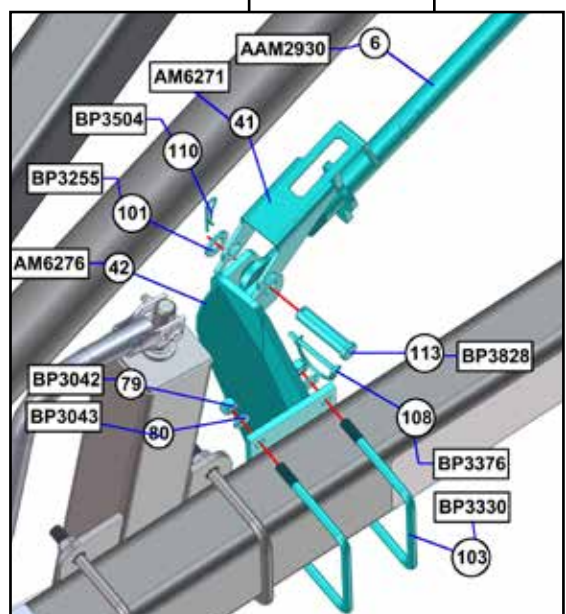
► Gauge wheel cylinder fittings

1. Install (15) (DP4143) 90 degree adapter, 10MJIC- 8MSAE in bottom ports of wheel lift cylinders (24) (DP4487) 4-1/2\" x 12\".

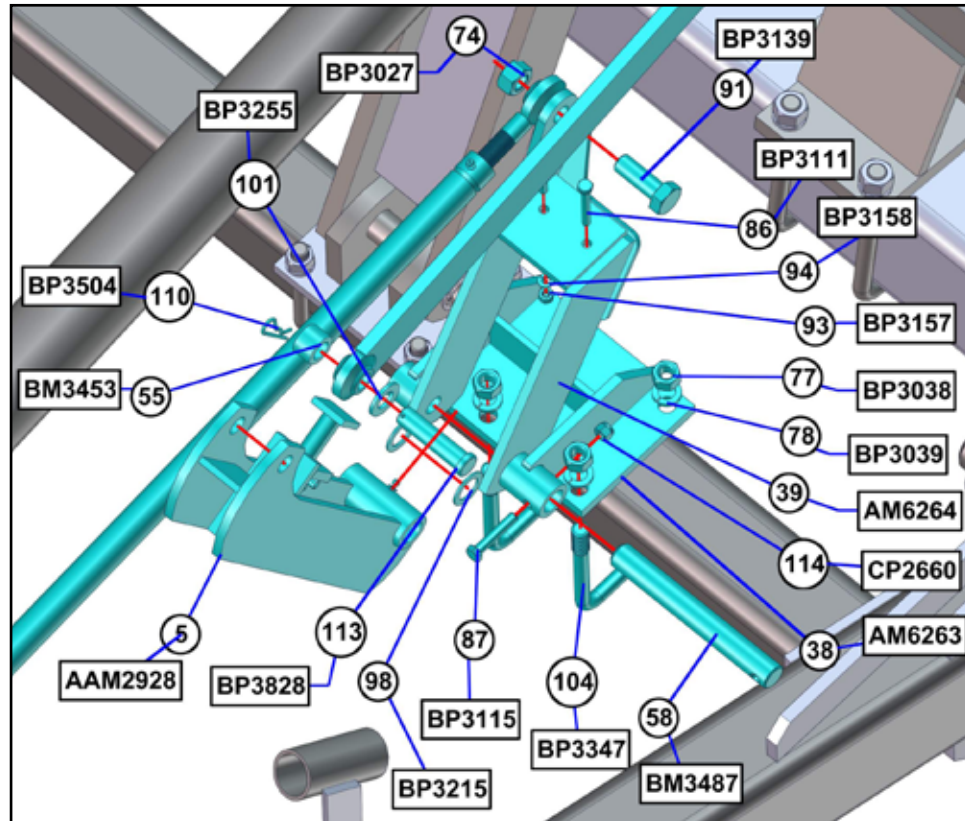


2. Install (15) (DP4143) 90 degree adapter, 10MJIC- 8MSAE in top ports of center section linkage cylinder (22) (DP4485) 3-3/4\" x 12\".
3. Install (15) (DP4143) 90 degree adapter, 10MJIC- 8MSAE in top ports of gauge wheel linkage cylinders (23) (DP4486) 4\" x 12\".





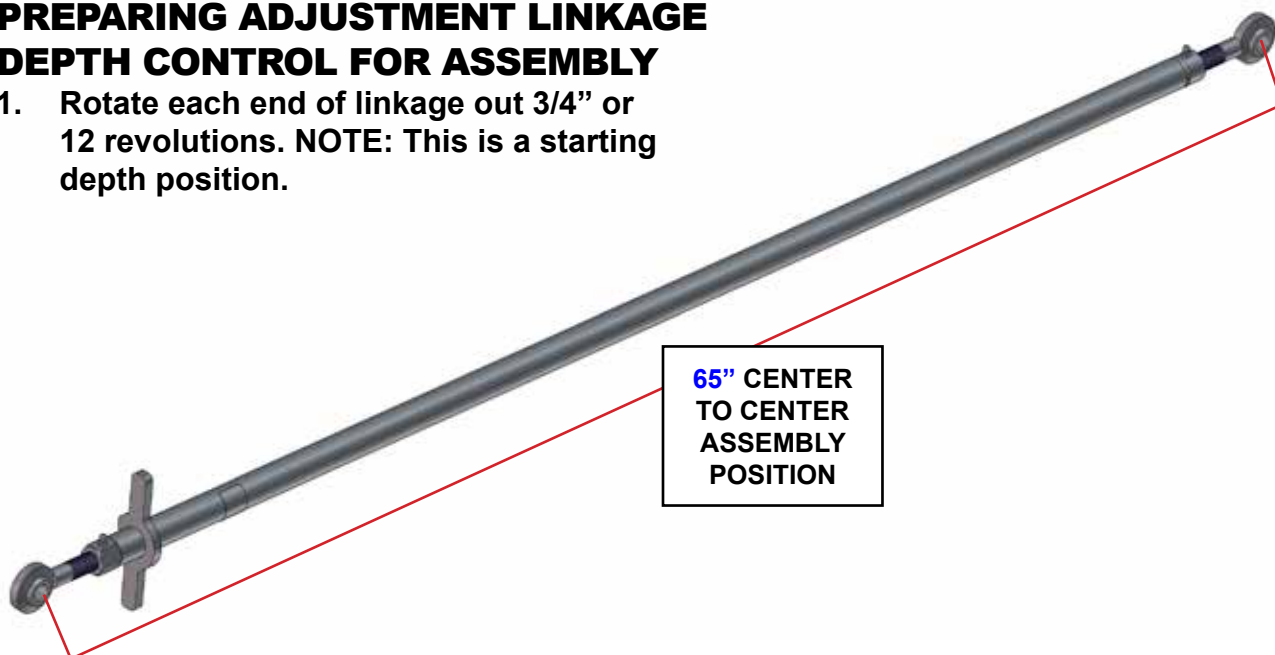
Center Section Area of Bundle Depth Control Assembly



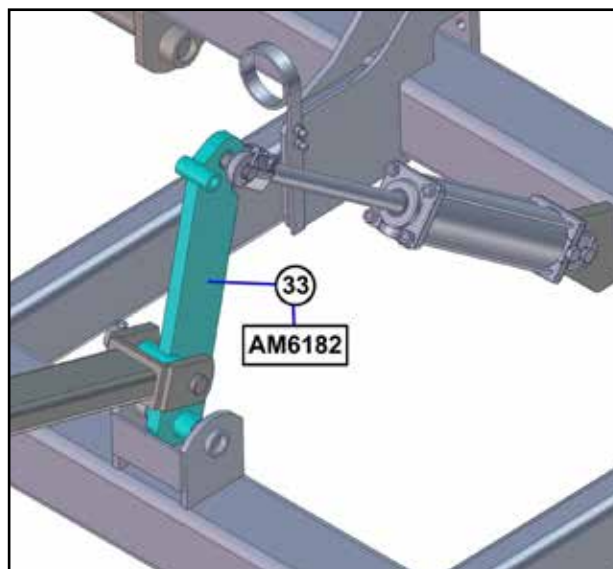
BOM ID	Qty	Item No	Description
5	1	AAM2928	STOP ARM, W/ PLUNGER, DEPTH CONTROL
6	1	AAM2930	ADJUSTMENT LINKAGE, LEGACY DEPTH CONTROL
38	1	AM6263	BRACKET, PIVOT, DEPTH CONTROL
39	1	AM6264	ARM, VALVE, DEPTH CONTROL
40	1	AM6266	LINKAGE, STOP, DEPTH CONTROL
41	1	AM6271	LATCH, DEPTH CONTROL ADJUSTER
42	1	AM6276	ADJUSTER BRACKET, LEGACY DEPTH CONTROL
55	1	BM3453	SPACER
58	1	BM3487	PIN, 1" X 7-3/4" OAL, W/ 13/32" HOLE, PLATED
74	2	BP3027	NUT, HEX LOCK, 3/4"-10, GRADE 2, PLATED
77	16	BP3038	NUT, HEX, 5/8"-11, GRADE 2
78	16	BP3039	WASHER, LOCK, 5/8", PLATED
79	4	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
80	4	BP3043	WASHER, LOCK, 1/2", PLATED
86	2	BP3111	HEX CAP SCREW, 5/16-18 S 2-1/2, GRADE 5, PLATED
87	3	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
91	1	BP3139	HEX CAP SCREW, 3/4"-10 X 2", GRADE 5, PLATED
92	1	BP3145	HEX CAP SCREW, 3/4-10 X 4-1/2", GRADE 5, ZP
93	2	BP3157	NUT, HEX, 5/16"-18, GRADE 2, PLATED
94	2	BP3158	WASHER, LOCK, 5/16", PLATED
98	2	BP3215	MACHINERY BUSHING, 1-1/2" OD X 1" ID, 14GA, PLATED
101	2	BP3255	WASHER, FLAT, 3/4", PLATED STRUCTURAL 10GA
103	2	BP3330	U-BOLT, 1/2"-13 X 6"W X 5-1/8"L
104	4	BP3347	U-BOLT, 5/8"-11 X 4 X 5-5/8", PLATED
108	1	BP3376	PIN, WIRE RETAINING, 1/4" X 2", PLATED
110	2	BP3504	PIN, HAIR CLIP, 1/8"
113	2	AP4880	PIN, CLEVIS, 3/4" X 3", ZP
114	1	CP2660	NUT, HEX LOCK, 3/8"-16, NYLOCK

**PREPARING ADJUSTMENT LINKAGE
DEPTH CONTROL FOR ASSEMBLY**

1. Rotate each end of linkage out 3/4" or 12 revolutions. NOTE: This is a starting depth position.

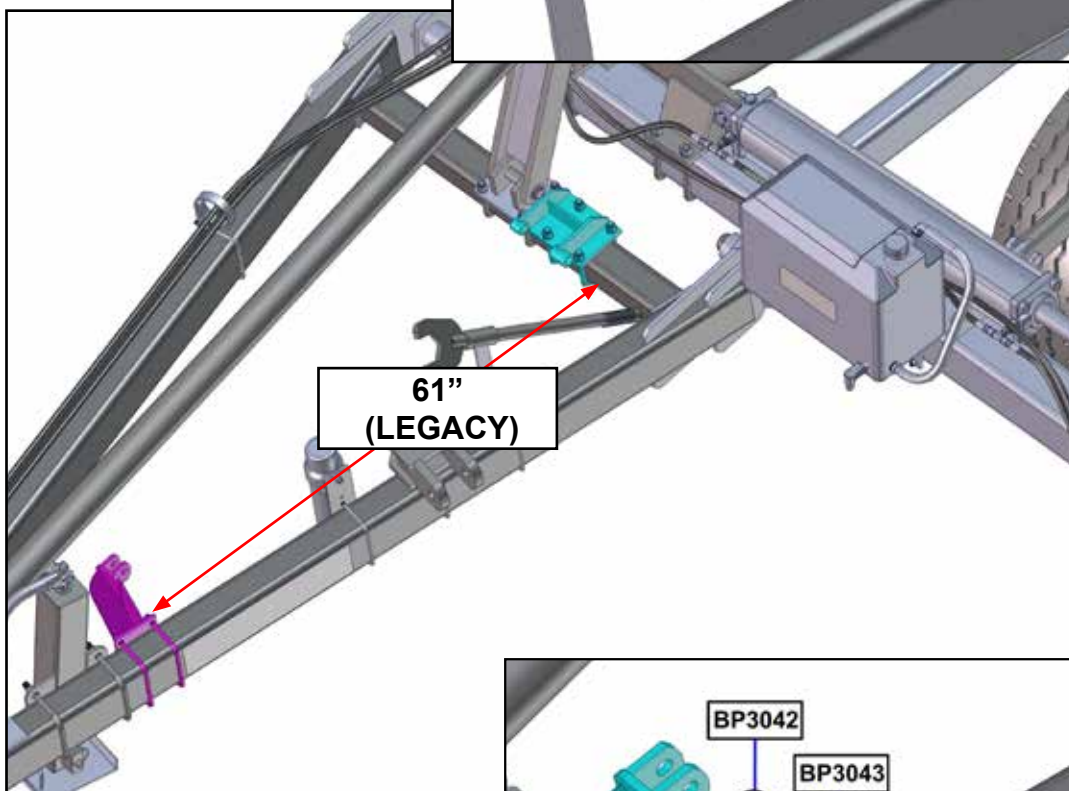
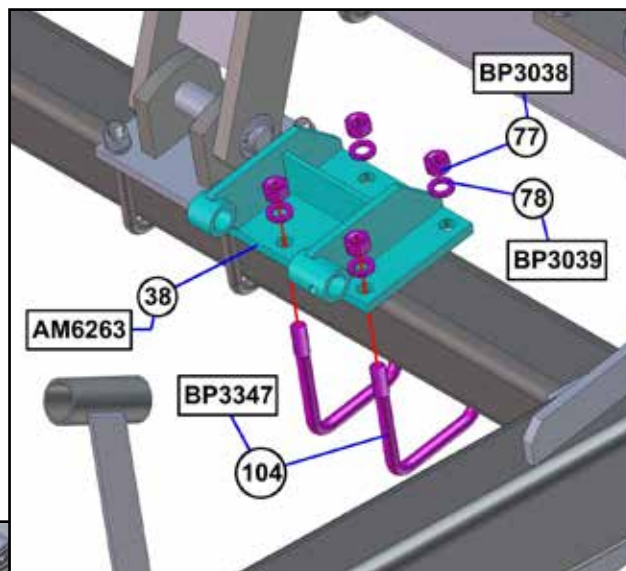
**TONGUE CYLINDER ARM LINKAGE**

1. When updating older toolbars the tongue cylinder arm linkage will need to be removed and replaced with (33) (AM6182) tongue cylinder linkage arm. (Same part number as old toolbars)



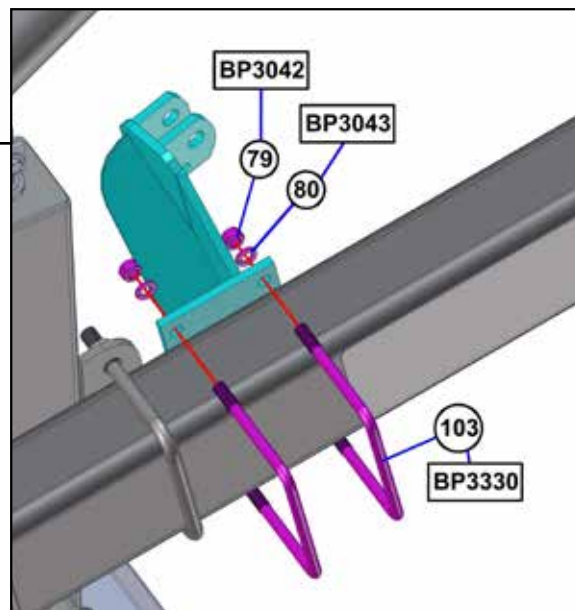
MOUNTING DEPTH CONTROL PIVOT BRACKET

1. Place (38) (AM6263) depth control pivot against the turnbuckle support mounting bracket. Secure with (104) (BP3347) 5/8" x 4" x 5-5/8" u-bolts, (78) (BP3039) 5/8" lock washers and (77) (BP3038) 5/8" hex nuts.



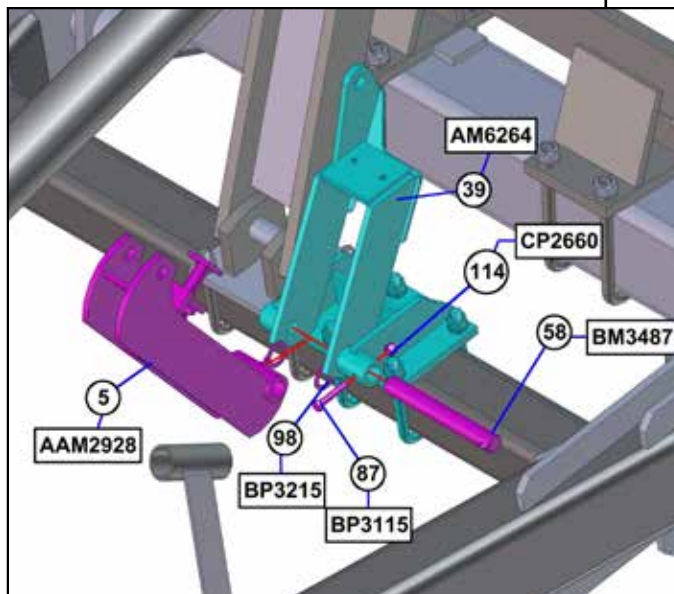
MOUNTING DEPTH CONTROL ADJUSTER BRACKET

1. Position (42) (AM6270) depth control adjuster bracket 61" from the 4 x 6 tube on the Legacy tongue. Secure with (102) (BP3330) 1/2" x 6" W x 5-1/8"L, u-bolts, (80) (BP3043) 1/2" lock washers and (79) (BP3042) 1/2" hex nuts.



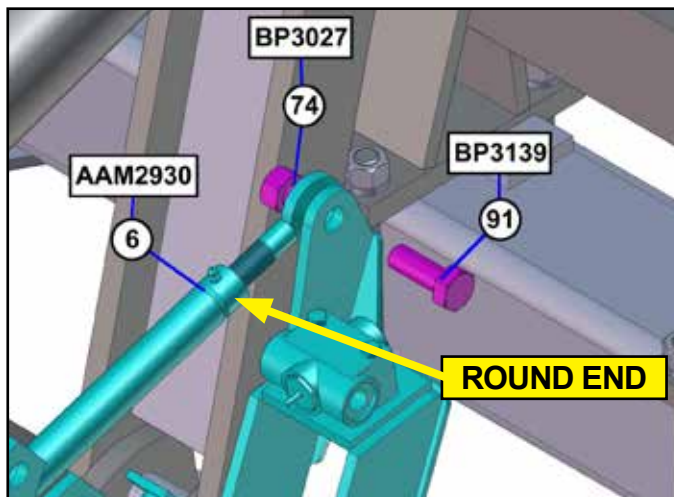
ATTACHING VALVE DEPTH CONTROL ARM AND DEPTH CONTROL PLUNGER STOP ARM

1. Insert (58) (BM3487) 1" x 7-3/4" pin into bracket. Place (39) (AM6264) depth control valve arm into bracket and insert (58) pin into the first side plate. Place (98) (BP3215) 1-1/2" OD x 1" ID machinery bushing over pin end. Position (5) (AAM2928) depth control plunger stop arm inside (39) bracket and insert pin. Align the pin hole with the mounting bracket and continue inserting pin. Install second (98) machinery bushing as pin is inserted. Secure pin with (87) (BP3115) 3/8" x 2" hex cap screw and (114) (CP2660) 3/8" hex lock nut.



MOUNTING DEPTH CONTROL ADJUSTMENT LINKAGE

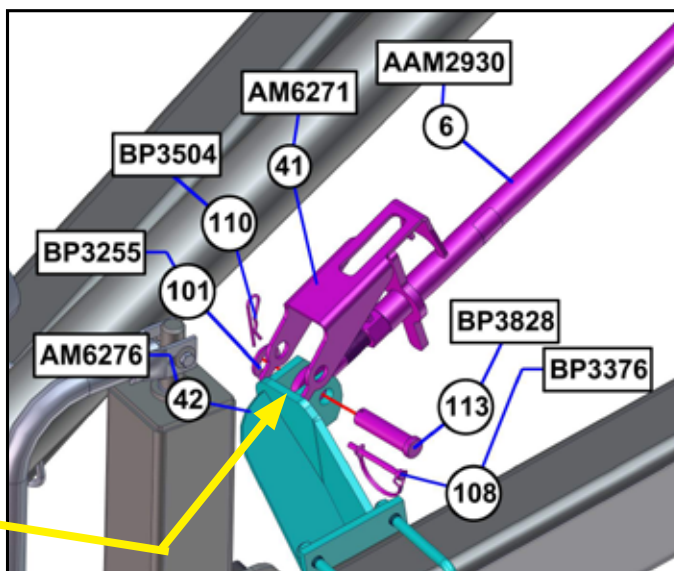
1. Secure the round end of (6) (AAM2930) depth control adjustment linkage to (40) with (91) (BP3139) 3/4" x 2" hex cap screw and (74) (BP3027) 3/4" hex lock nut.



MOUNTING DEPTH CONTROL ADJUSTMENT LINKAGE

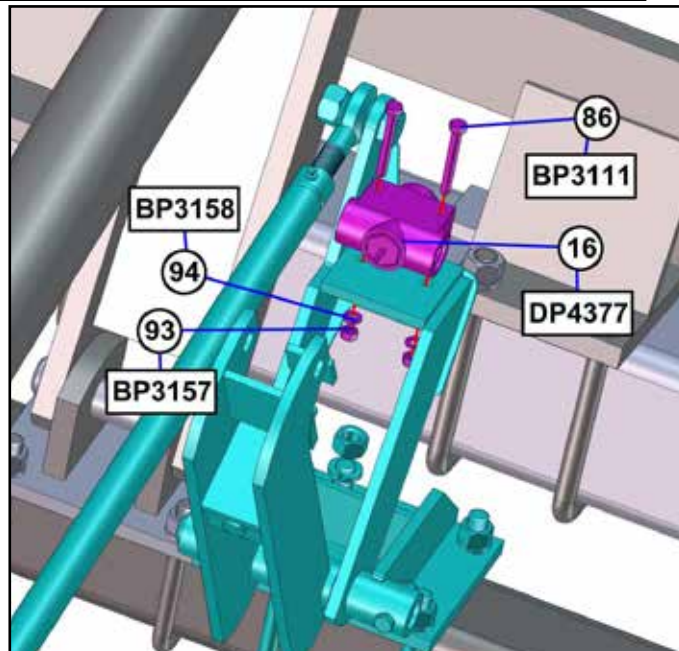
1. Insert adjustment end of (6) (AAM2930) depth control adjustment linkage in (42).
2. Place (41) (AM6271) depth control adjuster latch over bracket and insert (113) (BP3828) 3/4" x 3", placing (101) (BP3255) 3/4" flat washer on the outside of the latch. Secure pin with (110) (BP3504) 1/8" hairpin clip.
3. Lock, latch down with (108) (BP3376) 1/4" x 2" wire retaining pin.

**ADJUSTMENT
END**



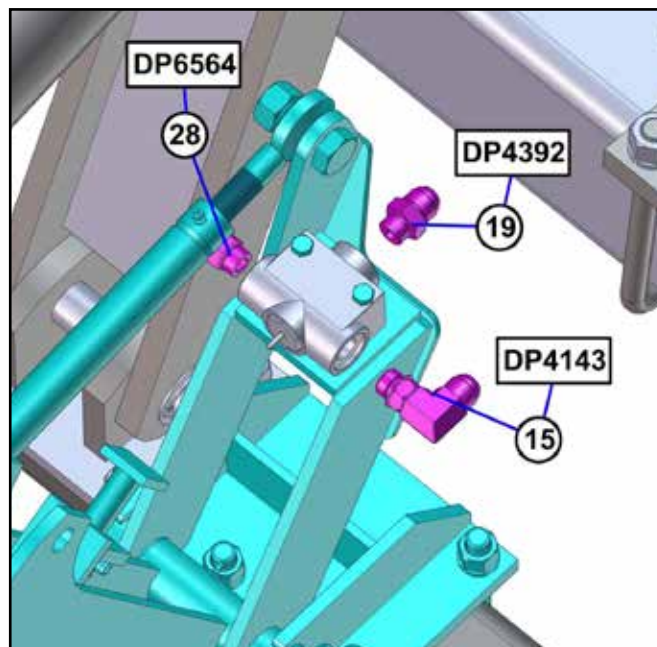
ATTACHING REMOTE STROKE VALVE CONTROL

1. Attach (16) (DP4377) remote stroke control valve to (40) depth control valve arm with (86) (BP3111) 5/16" x 2-1/2" hex cap screws, (94) (BP3158) 5/16" lock washers and (93) (BP3157) 5/16" hex nuts.

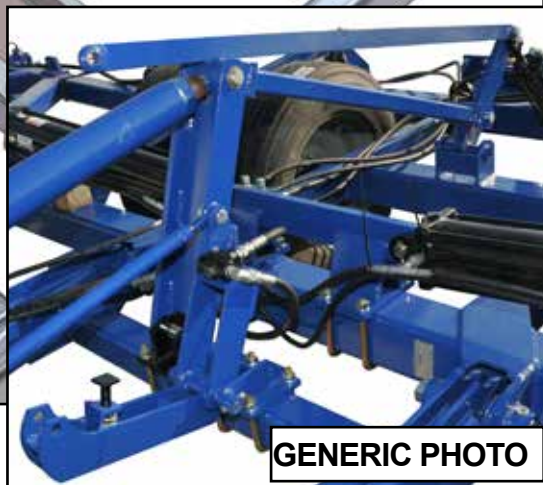
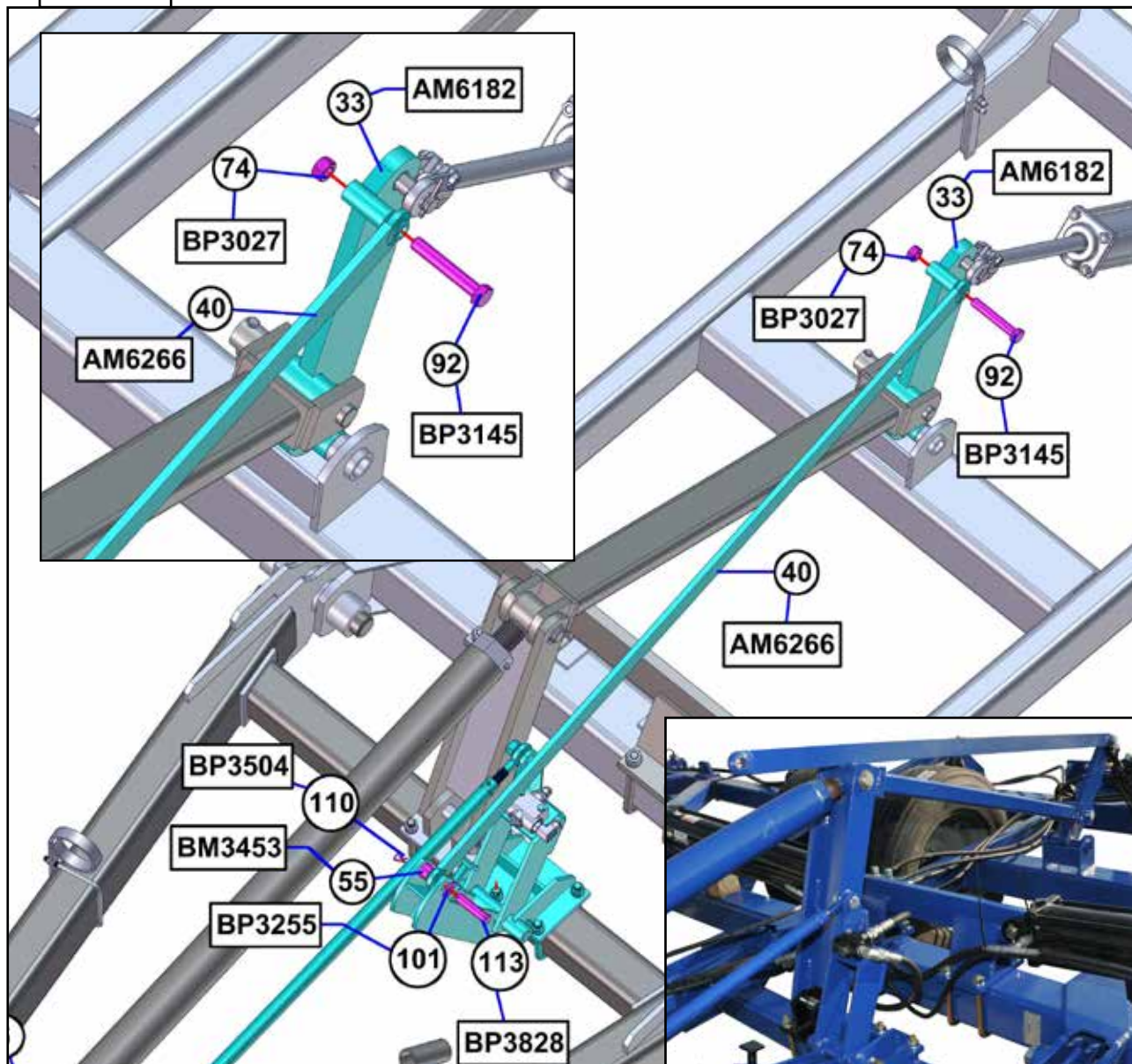


INSTALLING HYDRAULIC FITTINGS

1. Install (15) (DP4143) 10MJC-8MSAE 90 degree adapter, (19) (DP4392) 8MSAE-10MJC straight adapter and (28) (DP6564) 8MSAE hex plug as pictured.

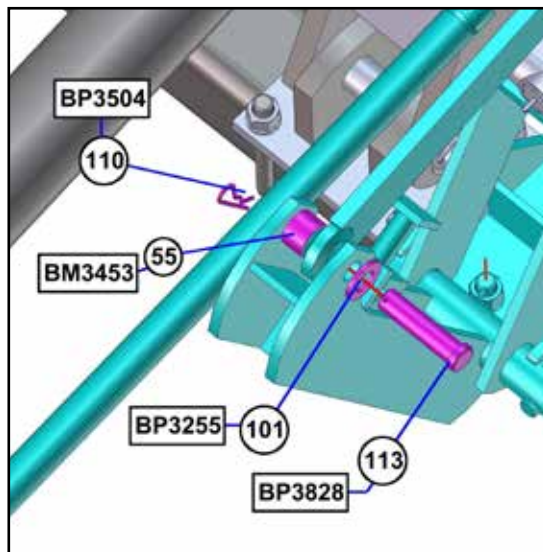


Primary Wing Left-hand Area of Bundle Depth Control Assembly

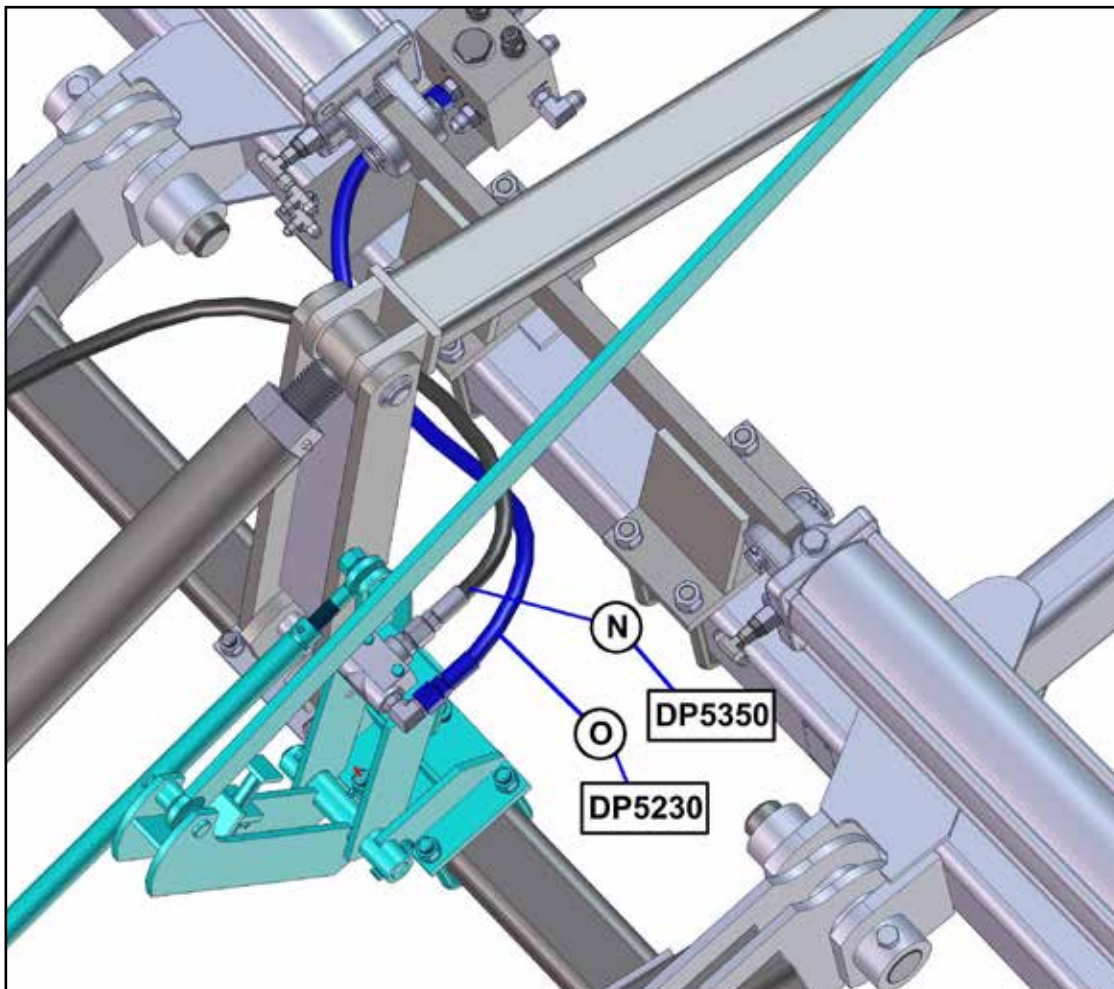


ATTACHING DEPTH CONTROL LINKAGE STOP

1. **NOTE: Do not attach (40) (AM6266) depth control stop linkage to button stop bracket until the cylinders have been fully charged.**
2. Place (40) (AM6266) depth control stop linkage in button stop bracket. Insert (113) (BP3828) 3/4" x 3" clevis pin. Install (101) (BP3255) 3/4" flat washer and (55) (BM3453) spacer as pin is inserted. Secure with (110) (BP3504) 1/8" hairclip pin.
3. Attach (40) to (33) (AM6182) tongue arm linkage with (92) (BP3145) 3/4" x 4-1/2" hex cap screw and (74) (BP3027) 3/4" hex lock nut.

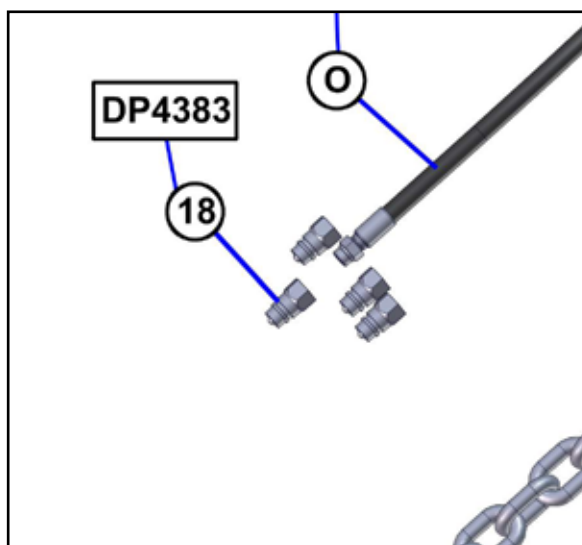


Primary Wing Left-hand Area of Bundle Depth Control Assembly



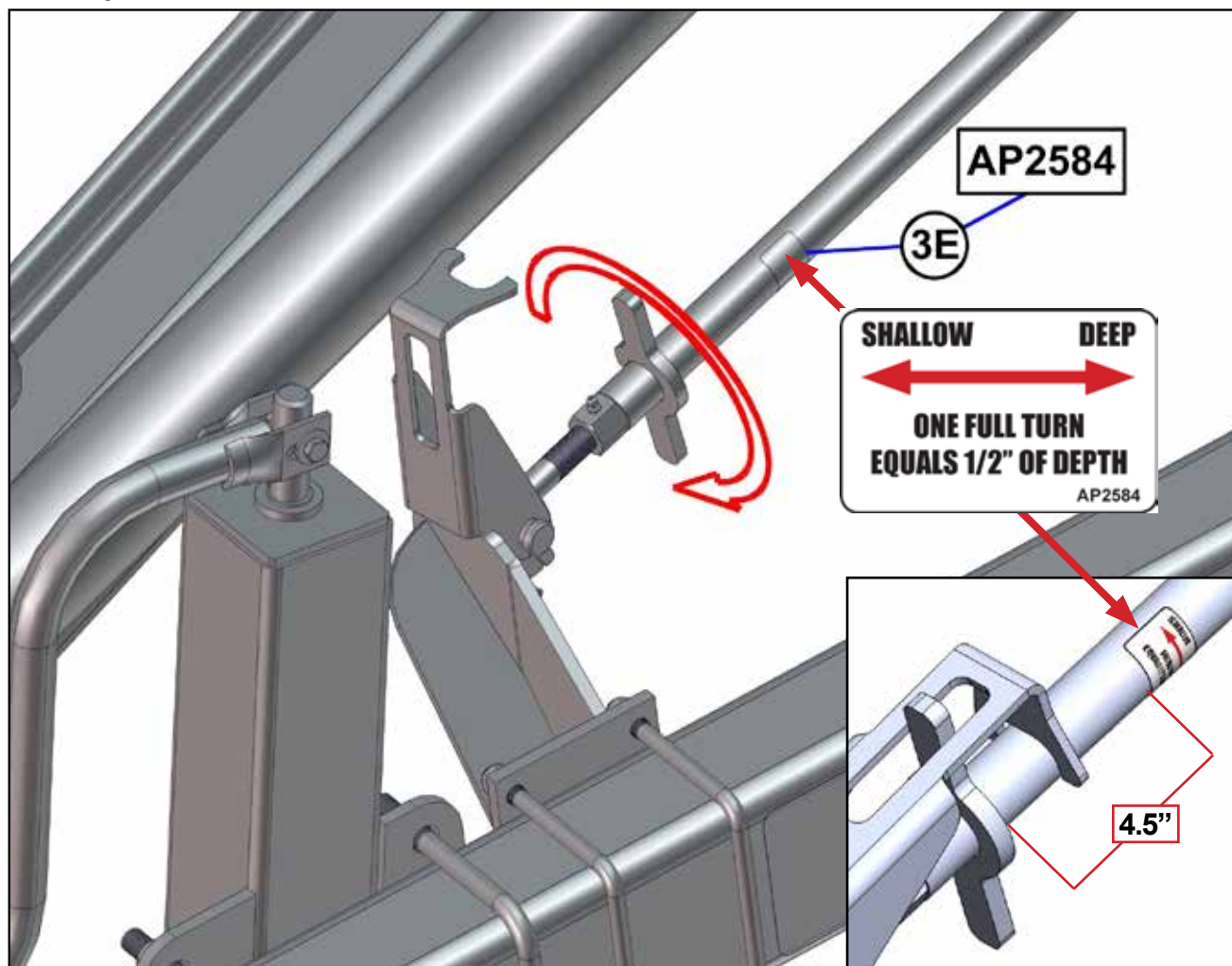
ATTACHING HYDRAULIC HOSES

1. Attach (O) (DP5230) 1/2" x 42" hose to the IN flow divider valve fitting. Extend to control valve 90 degree fitting.
2. Attach (N) (DP5350) 1/2" x 240" hose to center control valve fitting and extend to tractor.
3. Install (18) (DP4383) Pioneer coupler.



DEPTH ADJUSTMENT

1. One complete revolution equals 1/2" of depth increase.

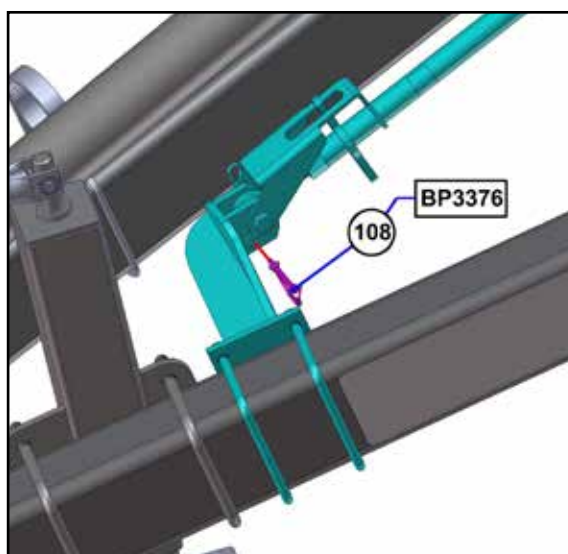


DEPTH DECAL

1. Install (3D) (AP2584) depth control decal 4.5 in from handle.

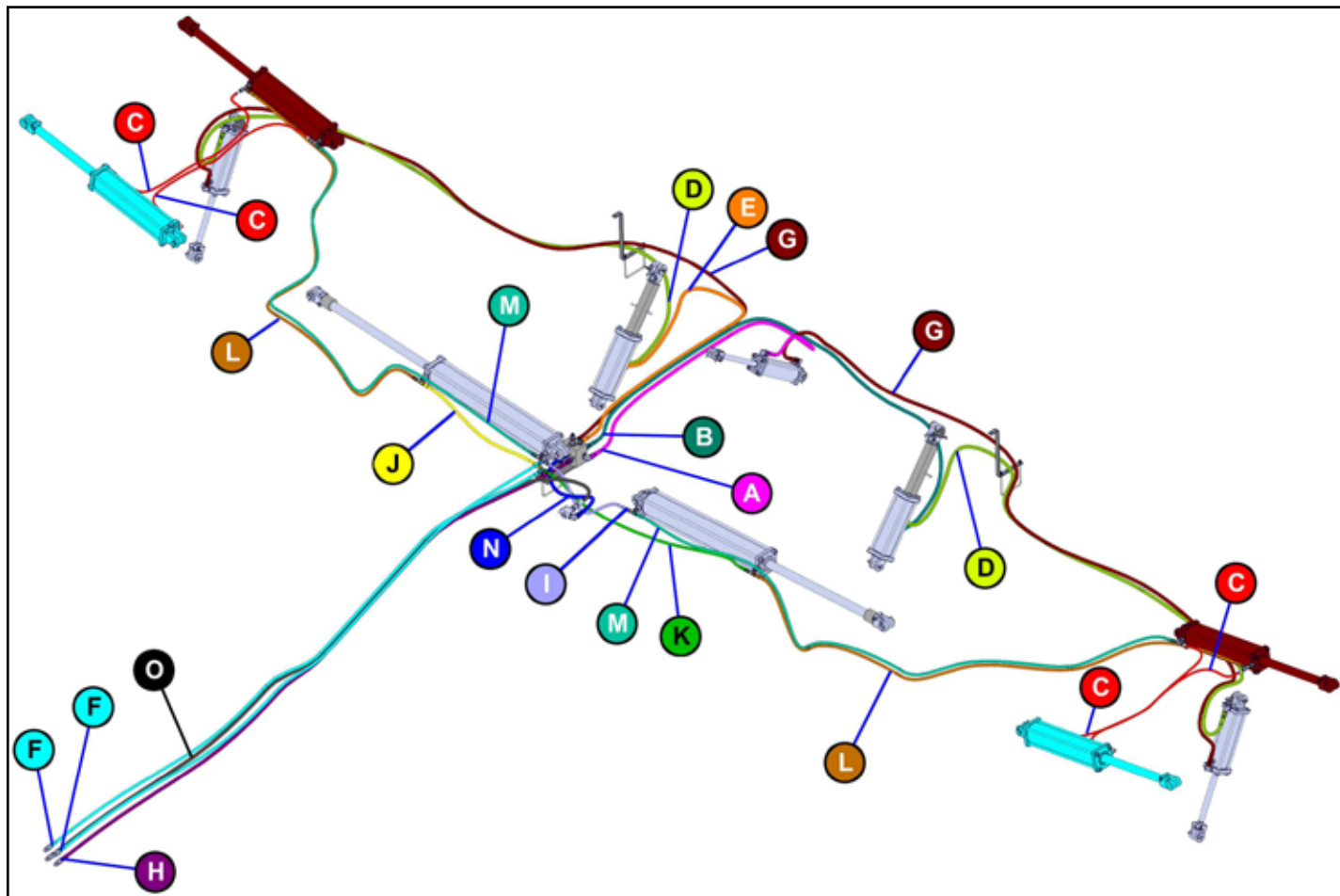
LOCKING DEPTH ADJUSTMENT LINKAGE

1. Rotate depth control adjuster latch over handle and lock in place with (108) (BP3376) 1/4" x 2" wire retaining



Legacy 52' Hydraulic Hoses

Includes: **PKG000205** Package, Hydraulic, AT6020 Base, Up To 45' Economy
Hydraulics from **66000106**, AT6020, Secondary Wings Economy
Hydraulics from **66000125**, AT6020, Secondary Wing Extensions To 50'



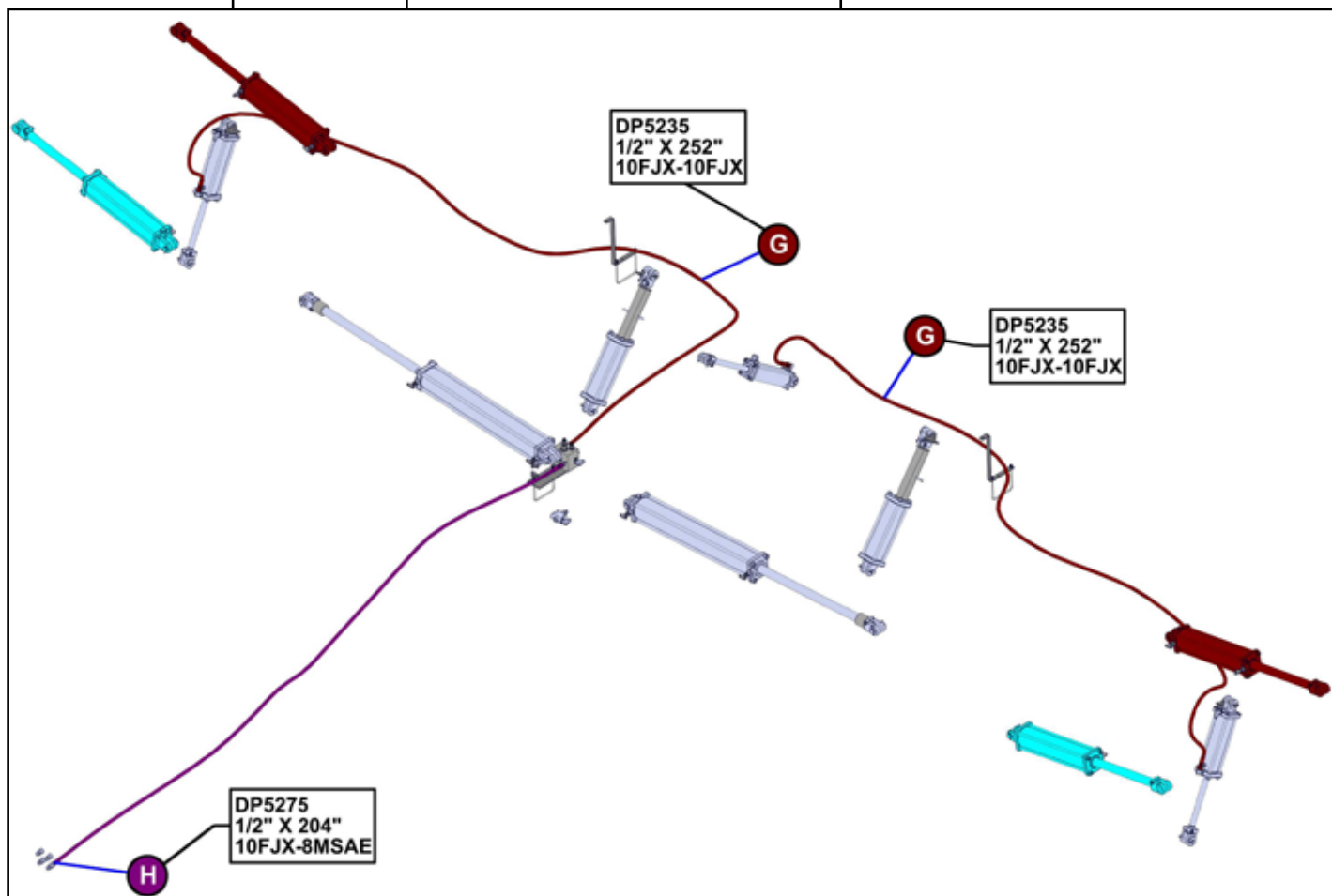
BOM ID	Qty	Item No	Description
A	1	DP4496	HOSE, HYDRAULIC, 1/2" X 114", 10FJX-10FJX
B	1	DP5001	HOSE, HYDRAULIC, 1/2" X 168", 10FJX-10FJX
C	4	DP5055	HOSE, HYDRAULIC, 1/4" X 66", 6FJX-6FJX
D	2	DP5184	HOSE, HYDRAULIC, 1/2" X 192", 10FJX-10FJX
E	1	DP5186	HOSE, HYDRAULIC, 1/2" X 132", 10FJX-10FJX
F	2	DP5200	HOSE, HYDRAULIC, 3/8" X 202", 6FJX-8MSAE
G	2	DP5235	HOSE, HYDRAULIC, 1/2" X 252", 10FJX-10FJX
H	2	DP5275	HOSE, HYDRAULIC, 1/2" X 204", 10FJX-8MSAE
I	1	DP5308	HOSE, HYDRAULIC, 3/8" X 32", 6FJX-6FJX
J	1	DP5309	HOSE, HYDRAULIC, 3/8" X 43", 6FJX-6FJX
K	1	DP5310	HOSE, HYDRAULIC, 3/8" X 77", 6FJX-6FJX
L	2	DP5314	HOSE, HYDRAULIC, 3/8" X 152", 6FJX-6FJX
M	2	DP5315	HOSE, HYDRAULIC, 3/8" X 168", 6FJX-6FJX
N	1	DP5230	HOSE, HYDRAULIC, 1/2" X 42", 10FJX-10FJX
O	1	DP5350	HOSE, HYDRAULIC, 1/2" X 228", 10FJX-8MSAE

Legacy 52' Hydraulic Hose Installation

Task

Procedures

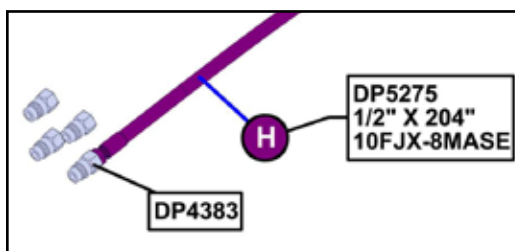
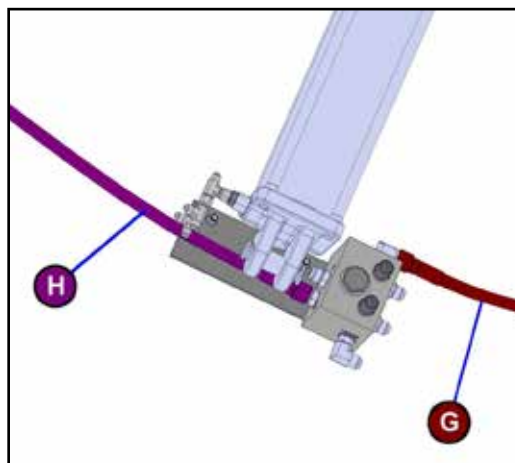
Illustrations



▶ Lift wheel hoses

▶ **NOTE:**
Left-hand
and
right-hand
as viewed
from the
rear

1. Attach (H) (DP5275) 1/2" x 204" (17') 10FJX-8MSAE hoses to tractor side ports of flow divider.
2. Extend hoses through hose holders on tongue and install (DP4143) pioneer fittings
3. Install (G) (DP5235) 1/2" x 252" (21') 10FJX-10FJX hose to right-hand 90 degree elbow on flow divider. Extend hose through hose holders to right-hand gauge wheel and attach to rod end of cylinder.
4. Attach second (G) (DP5235) 1/2" x 252" (21') 10FJX-10FJX hose to butt end of (DP4484) 3-1/2" x 12" cylinder. Extend hose through hose holders to left-hand gauge wheel cylinder (DP4485) and attach to rod end.

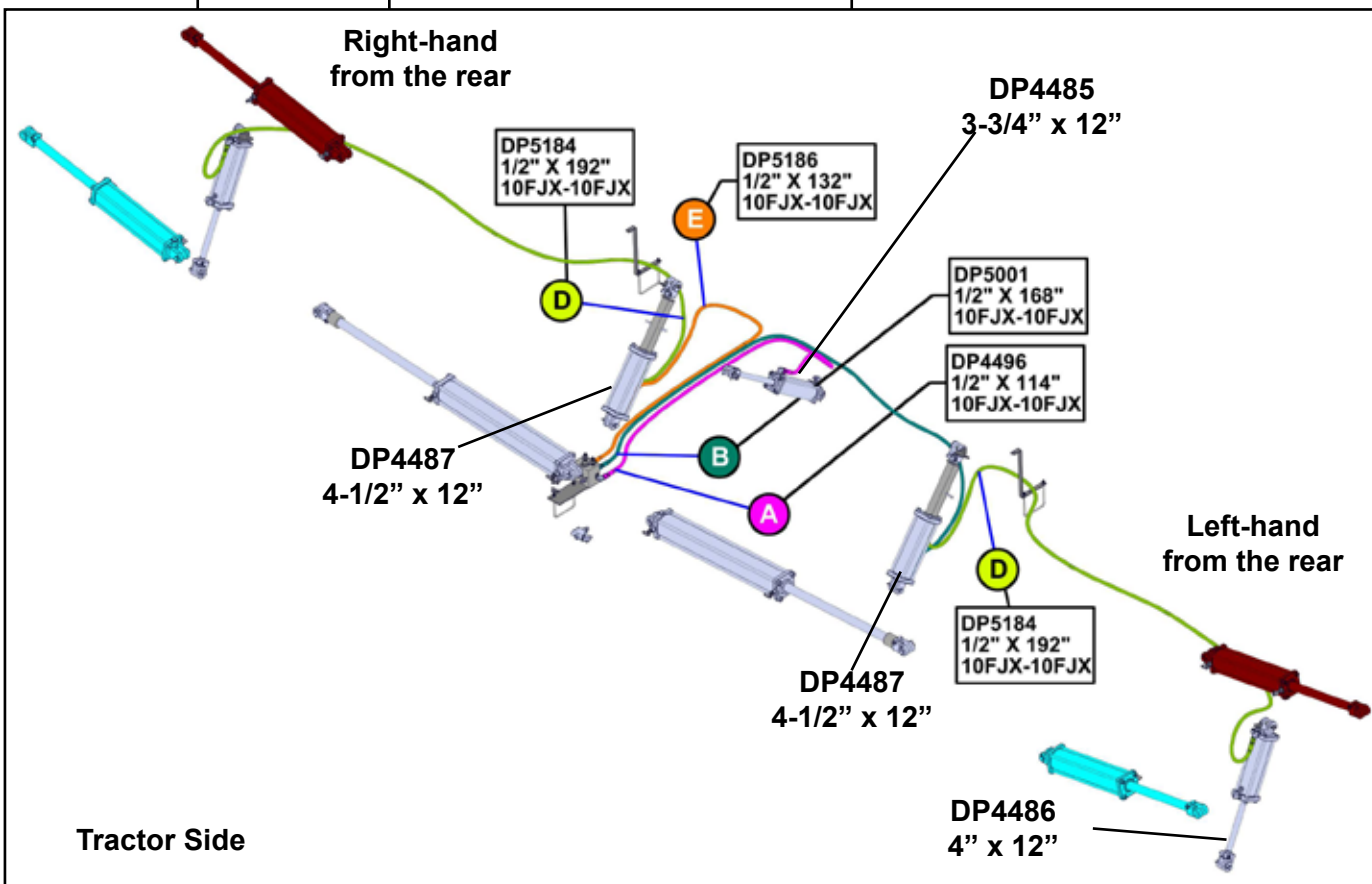


Legacy 52' Hydraulic Hose Installation

Task

Procedures

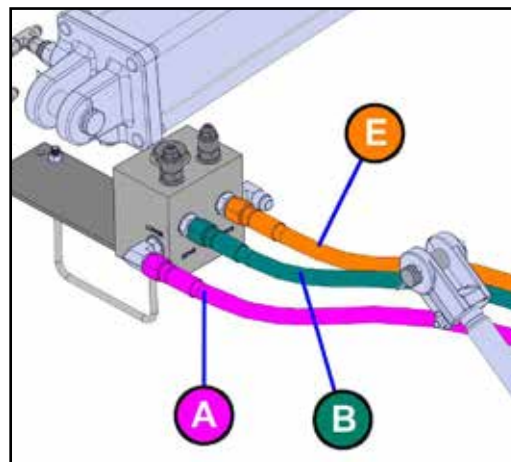
Illustrations



Lift wheel hoses

NOTE:
Left-hand and right-hand as viewed from the rear

1. Attach (A) (DP4496) 1/2" x 114" (9'6") 10FJX-10FJX hose to flow divider 90 degree elbow. Extend through hose holder to rod end of (DP4485).
2. Install (B) (DP5001) 1/2" x 168" (14') 10FJX-10FJX hose to rear left-hand adapter on the flow divider. Extend hose through hose holders to butt end of (DP4487) left-hand.
3. Attach (E) (DP5186) 1/2" x 132" (11') 10FJX-10FJX hose to rear right-hand adapter on flow divider. Extend hose through hose holders to butt end of (DP4487) right-hand.
4. Install (D) (DP5184) 1/2" x 192" (16') 10FJX-10FJX hoses to rod ends of (DP4487). Extend hoses through hose holders down each side to butt ends of gauge wheel cylinders (DP4486).

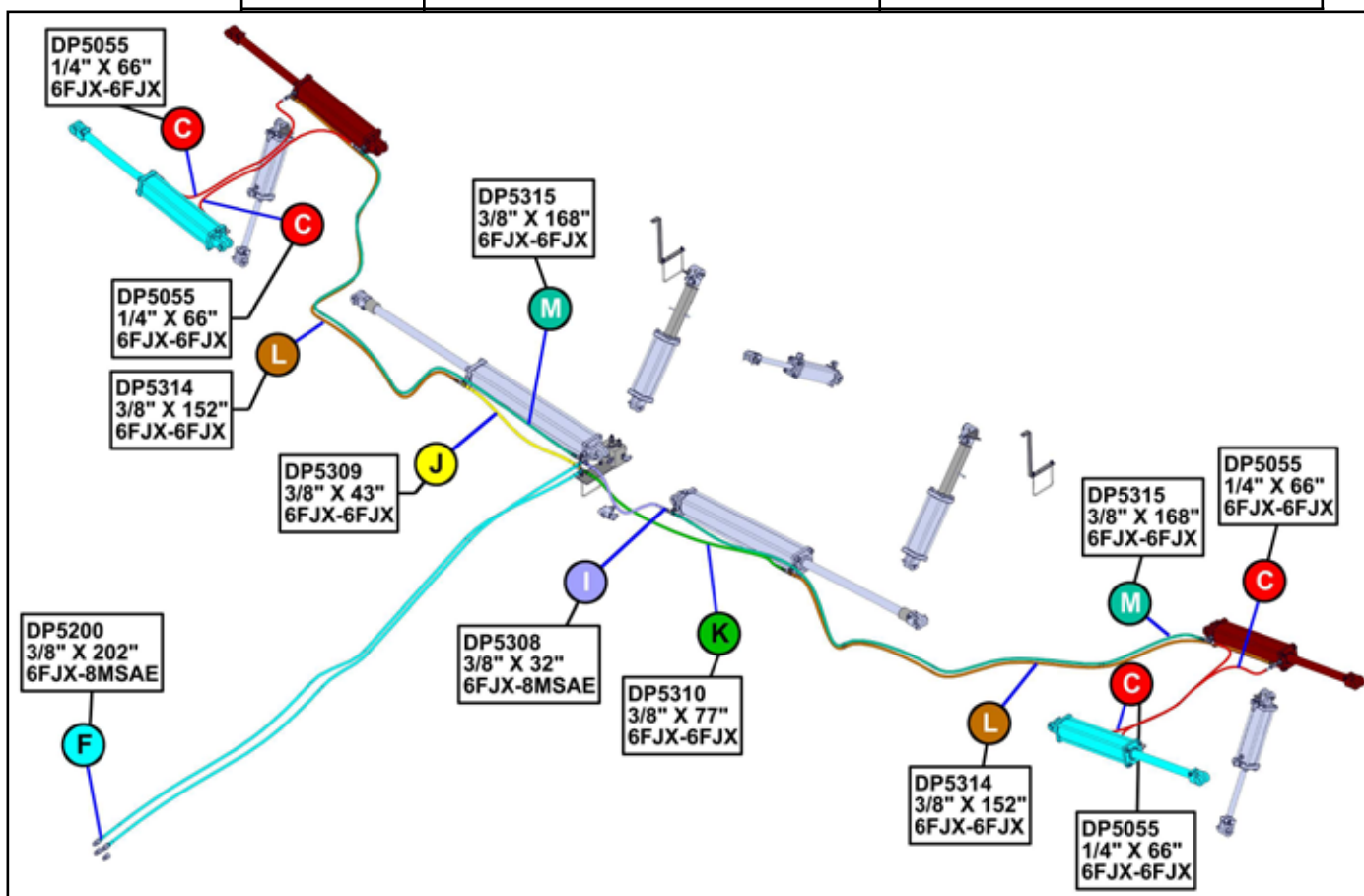


Legacy 52' Hydraulic Hose Installation

Task

Procedures

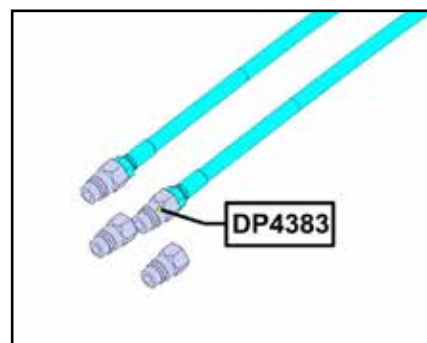
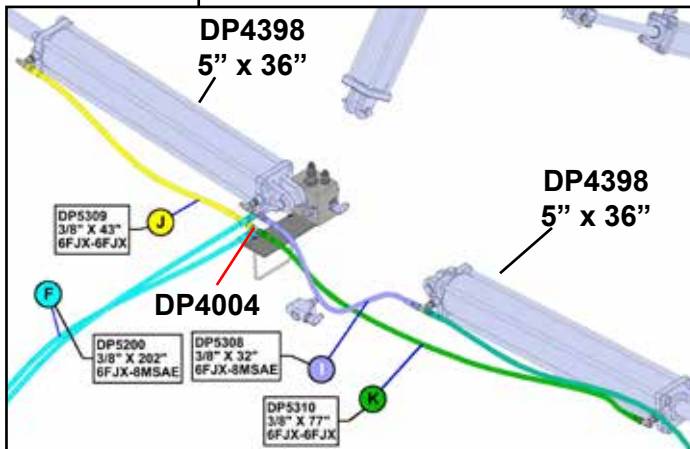
Illustrations



Wing lift hoses

NOTE:
Left-hand and right-hand as viewed from the rear

1. Attach bottom (F) (DP5200) 3/8" x 202" (16'-10"), 6FJX-8MSAE hoses to (DP4004) 10MJ-10MJ-10MJ tee near flow divider. Attach second (F) (DP5200) 3/8" x 202" (16'-10"), 6FJX-8MSAE hoses to (DP4379) 6JX-6MJ-6MJ tee on cylinder butt end fitting.
2. Install (J) (DP5309) 3/8" x 43" (3'-7") 6FJX-6FJX hose to (DP4004) 10MJ-10MJ-10MJ tee. Extend and attach to rod end of right-hand (DP4398) cylinder.
3. Attach (K) (DP5310) 3/8" x 77" (6'-5") 6FJX-6FJX hose to (DP4379) 6FJX-6MJ-6MJ tee. Extend and attach to rod end of left-hand (DP4398) cylinder.
4. Install (I) (DP5308) 3/8" x 32" (2'-8") from (DP4379) fitting to butt end of (DP4398) left-hand cylinder.
5. Extend (F) hoses through hose holders on tongue to hitch. Install two (DP4383) Pioneer fittings.

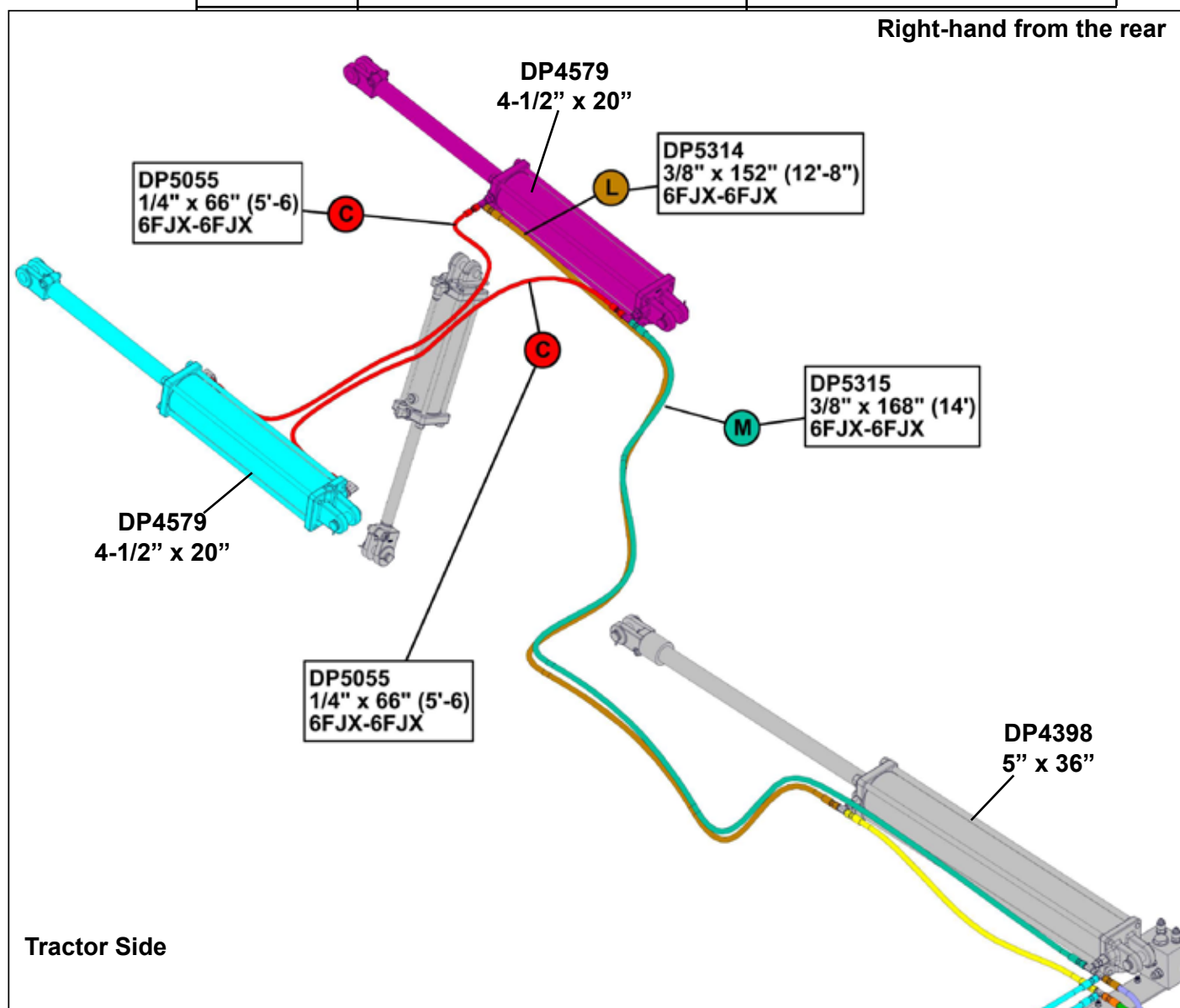


Legacy 52' Hydraulic Hose Installation

Task

Procedures

Illustrations



Wing lift
hoses

NOTE:
*Left-hand
and
right-hand
as viewed
from the
rear*

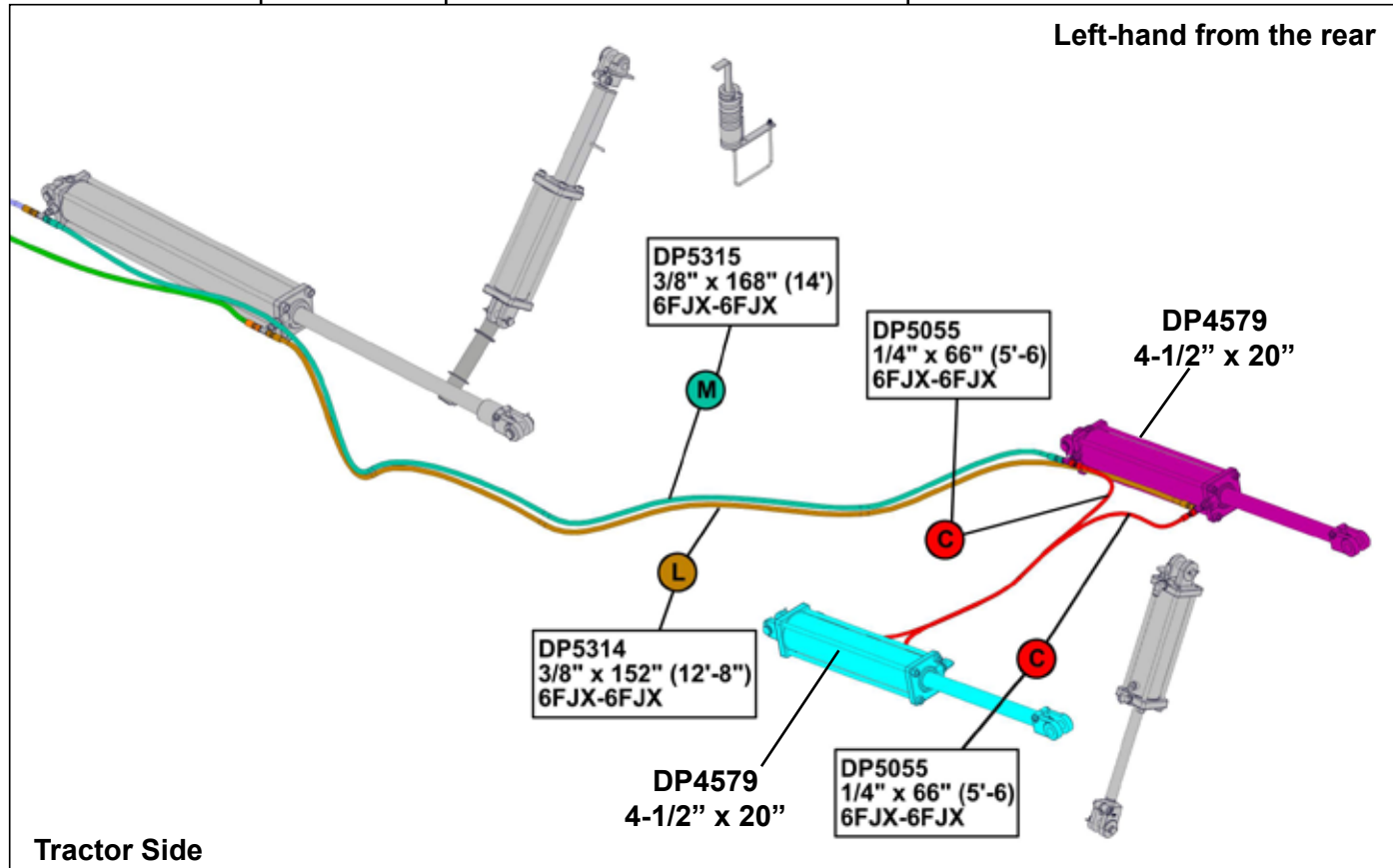
1. Attach bottom (M) (DP5315) 3/8" x 168" (14') 6FJX-6FJX to butt end tee of (DP4398) cylinder. Extend hose through hose holders to rear secondary wing (DP4579) cylinder butt end tee.
2. Install (L) (DP5314) 3/8" x 152" (12'-8") 6FJX-6FJX to rod end tee of (DP4398) cylinder. Extend hose through hose holders to rear secondary wing (DP4579) cylinder rod end tee.
3. Attach (C) (DP5055) 1/4" x 66" (5'-6") hoses to tees on rear (DP4579) cylinder. Extend hoses through hose holder to tractor side (DP4579) cylinder. Attach rod end hose to the rod end of (DP4579) cylinder and the butt end hose to the butt end of (DP4579) cylinder.

Legacy 52' Hydraulic Hose Installation

Task

Procedures

Illustrations



Wing lift
hoses

NOTE:
*Left-hand
and
right-hand
as viewed
from the
rear*

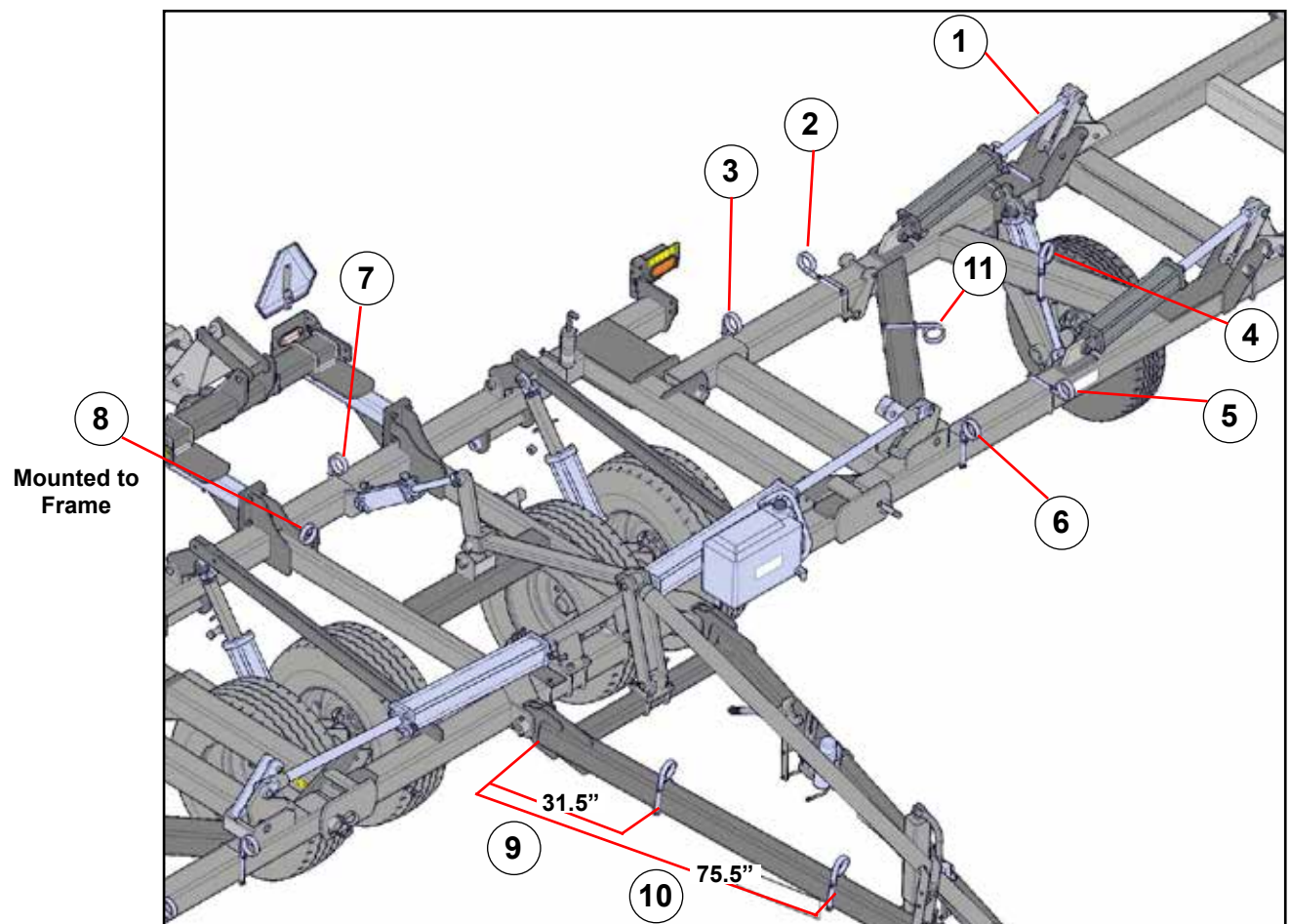
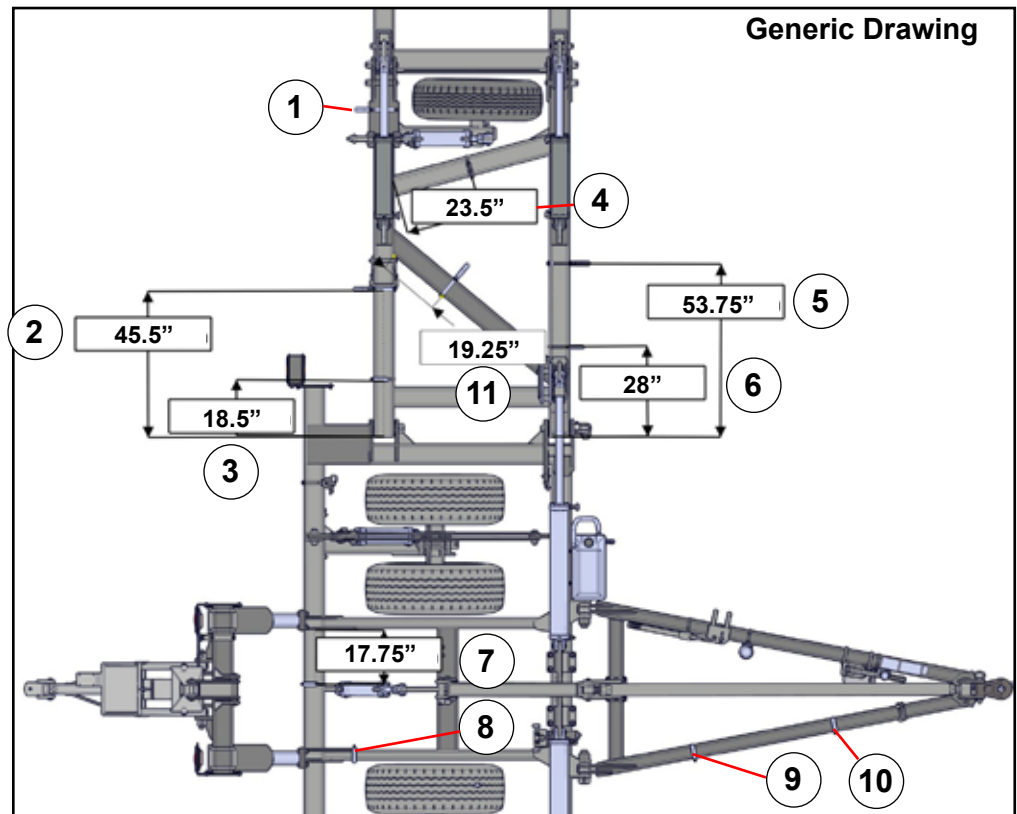
1. Attach bottom (M) (DP5315) 3/8" x 168" (14') 6FJX-6FJX to butt end tee of (DP4398) cylinder. Extend hose through hose holders to rear secondary wing (DP4579) cylinder butt end tee.
2. Install (L) (DP5314) 3/8" x 152" (12'-8") 6FJX-6FJX to rod end tee of (DP4398) cylinder. Extend hose through hose holders to rear secondary wing (DP4579) cylinder rod end tee.
3. Attach (C) (DP5055) 1/4" x 66" (5'-6") hoses to tees on rear (DP4579) cylinder. Extend hoses through hose holder to tractor side (DP4579) cylinder. Attach rod end hose to the rod end of (DP4579) cylinder and the butt end hose to the butt end of (DP4579) cylinder.

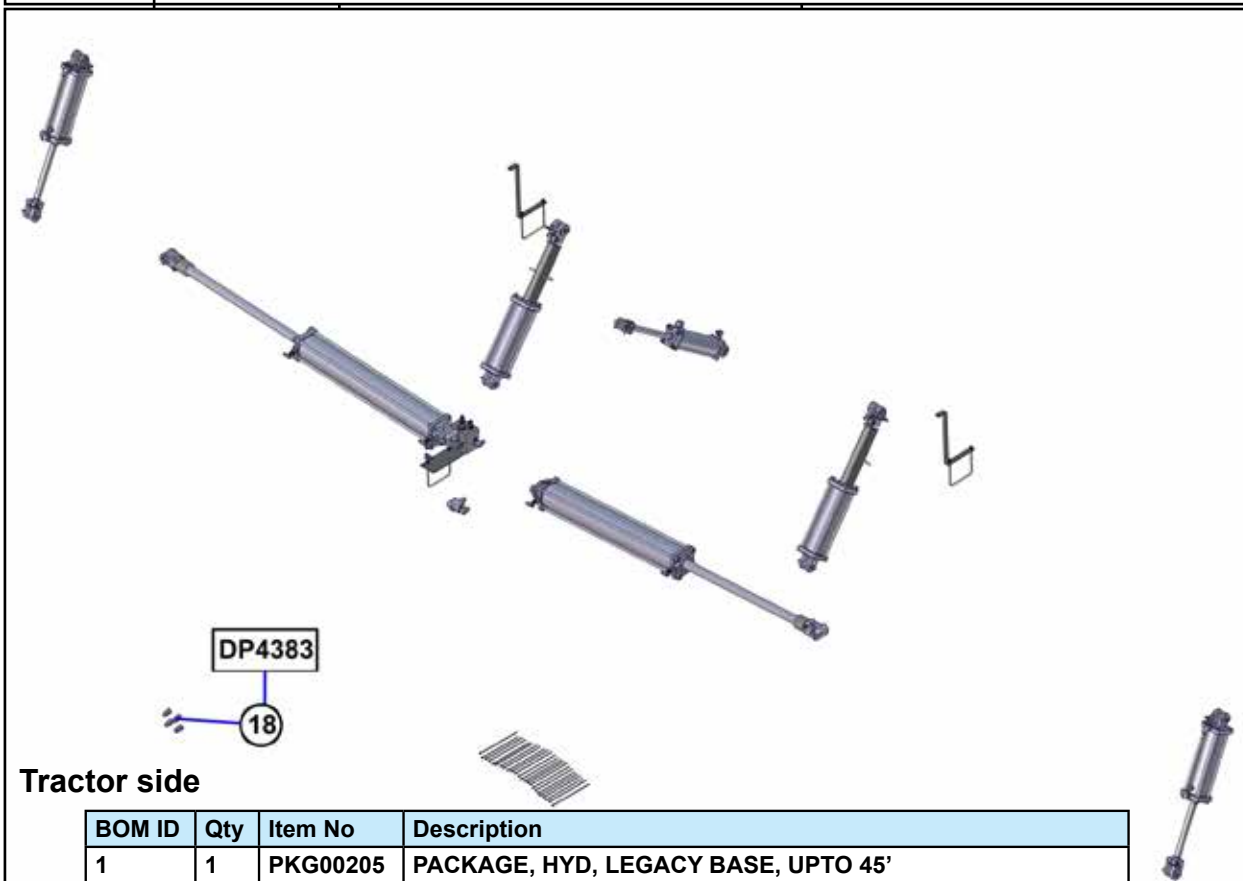
Hose Holder Placement 38', 42', 47'

Task

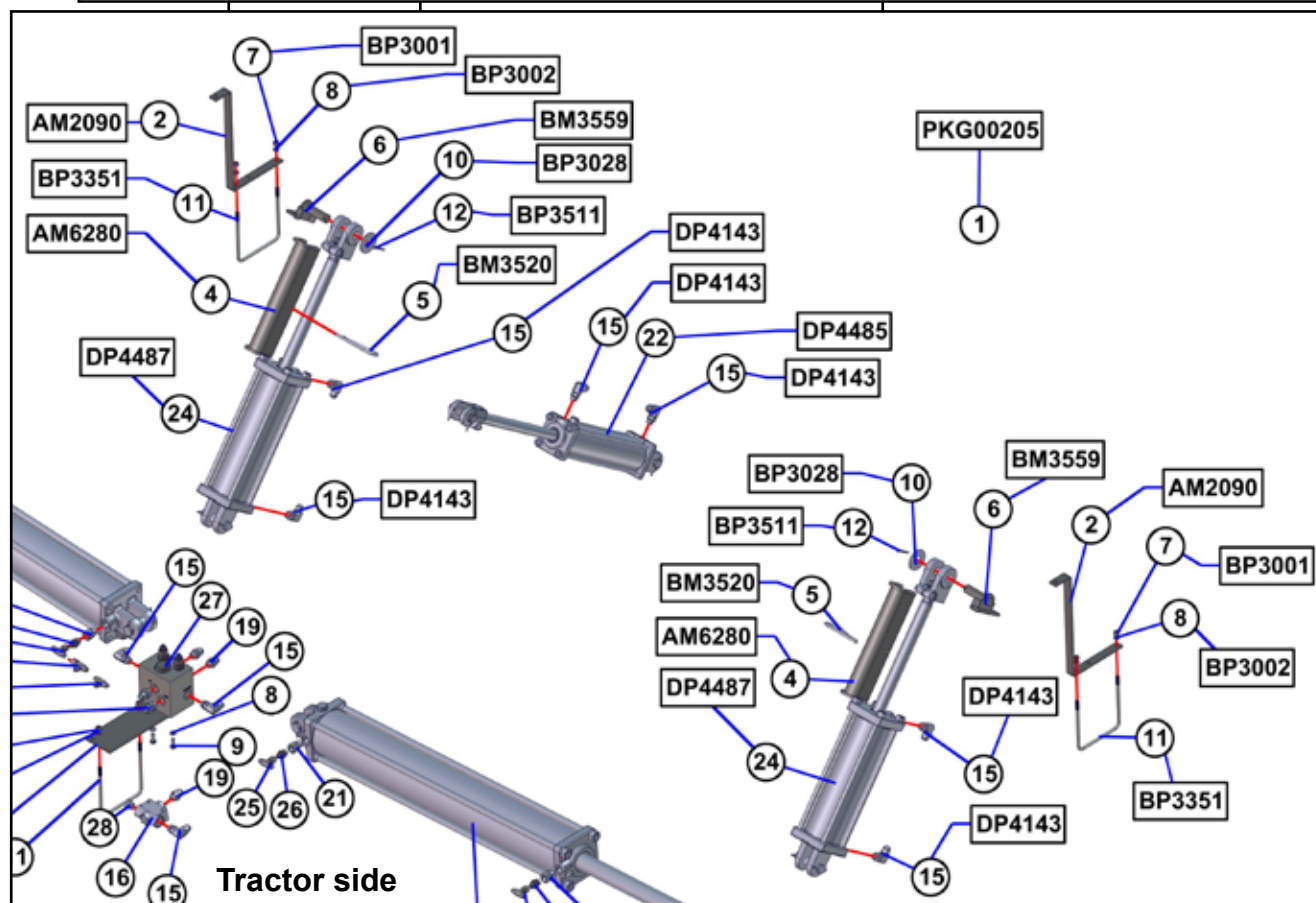
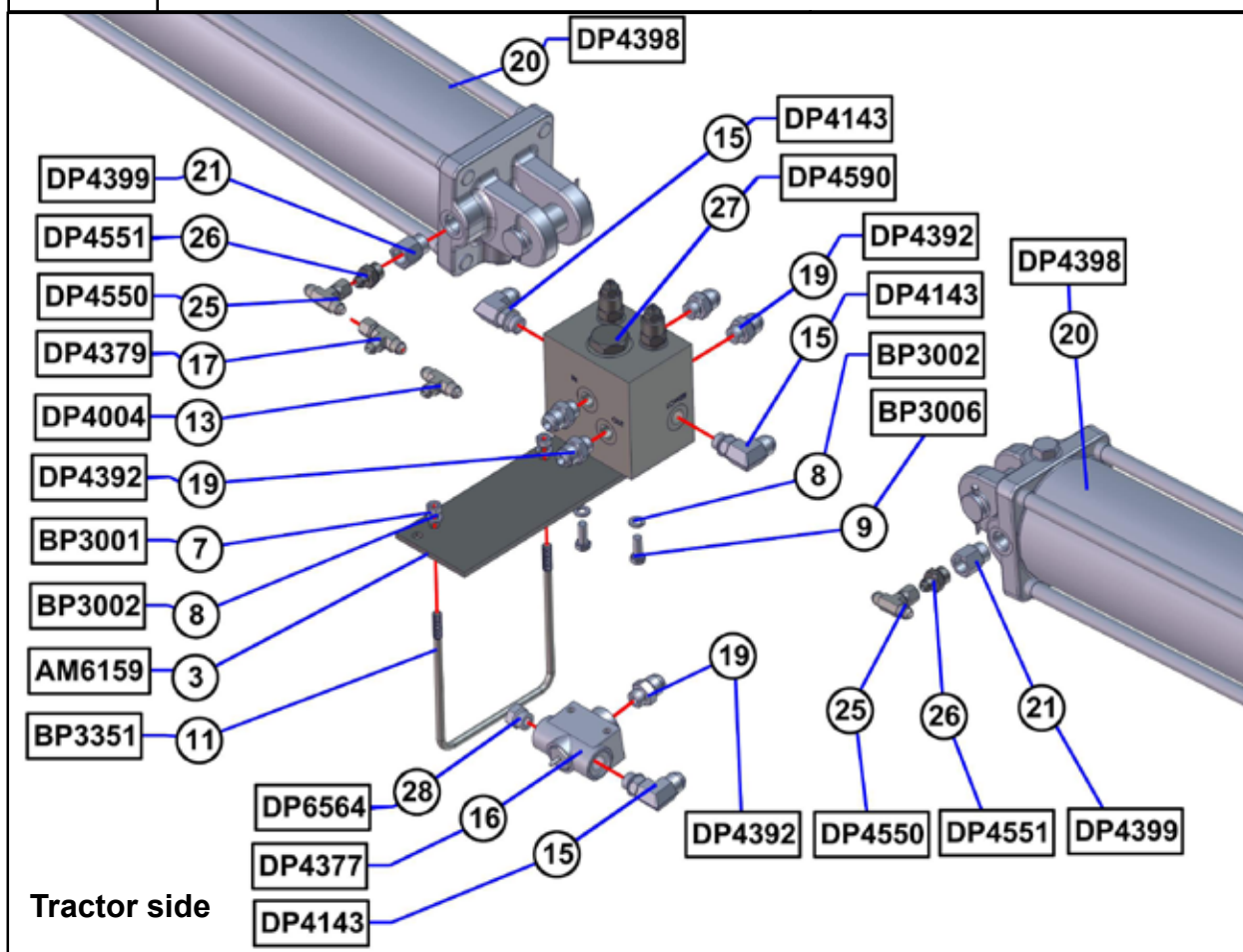
Procedures

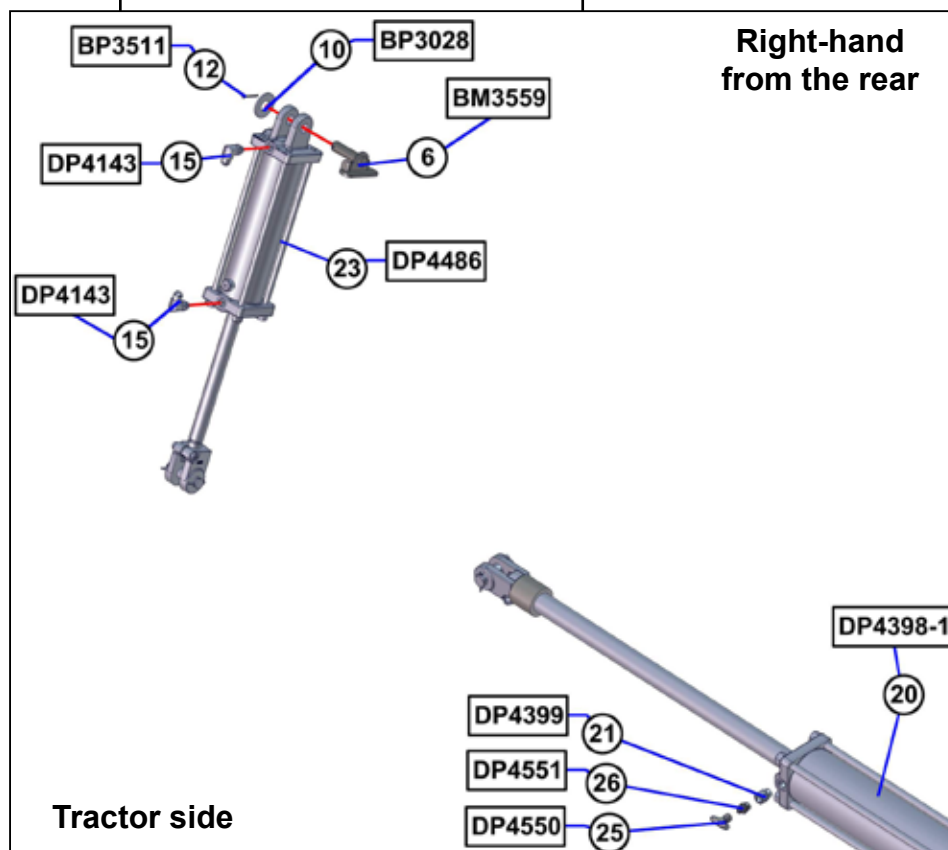
Illustrations






BOM ID	Qty	Item No	Description
1	1	PKG00205	PACKAGE, HYD, LEGACY BASE, UPTO 45'
2	2	AM2090	BRACKET, DEPTH COLLAR & LOCKUP STORAGE
3	1	AM6159	BRACKET, MOUNTING, FLOW DIVIDER VALVE
4	2	AM6280	TRANSPORT CYLINDER LOCK, 1-3/4" & 2" CYL ROD, 12"
5	2	BM3520	CLIP PIN, TRANSPORT LOCK
6	4	BM3559	PIN, CLEVIS, 1 X 3 USEABLE, W/ ANTI-ROTATION
7	6	BP3001	NUT, HEX, 3/8"-16, GRD 2, PLTD
8	8	BP3002	WASHER, LOCK, 3/8", PLTD
9	2	BP3006	HEX CAP SCREW, 3/8"-16 X 1", GRD 5, PLTD
10	4	BP3028	WASHER, FLAT, 1", PLTD, STD
11	3	BP3351	U-BOLT, 3/8"-16 X 6W X 7L, PLTD
12	4	BP3511	PIN, COTTER, 3/16 X 1-3/4
13	1	DP4004	TEE, 6MJ-6MJ-6MJ
14	24	DP4086	CABLE TIE 11-3/8" STD
15	13	DP4143	ADAPTER, 10MJIC-8MSAE, 90*
16	1	DP4377	VALVE, REMOTE STROKE CONTROL, PM-SC-10
17	1	DP4379	TEE, RUN, 6FJX-6MJ-6MJ, STL, 6602-6
18	4	DP4383	COUPLER, PIONEER, 8MQBA-8FSAE
19	5	DP4392	ADAPTER, 8MSAE-10MJIC, STRAIGHT, 6400-10-8
20	2	DP4398-1	5" X 36" HYD CYLINDER, W/ 2-3/4" SPACER
21	4	DP4399	REDUCER, 10MSAE-8FSAE, 6410-10-8
22	1	DP4485	REPHASING CYLINDER, 3-3/4 X 12, PMS-AM-2558
23	2	DP4486	REPHASING CYLINDER, 4 X 12, PMS-AM-2552A
24	2	DP4487	REPHASING CYLINDER, 4-1/2 X 12 PMS-AM-2546
25	4	DP4550	TEE, BRANCH, 6FJX-6MJ-6MJ, 6600-6
26	4	DP4551	ADAPTER, 6MJ-8MSAE, W/ RESTRICTOR, 6400R-6-8-093
27	1	DP4590	FLOW DIVIDER WITH HOLDING VALVES
28	1	DP6564	PLUG, 8MSAE, HEX, 6408-8





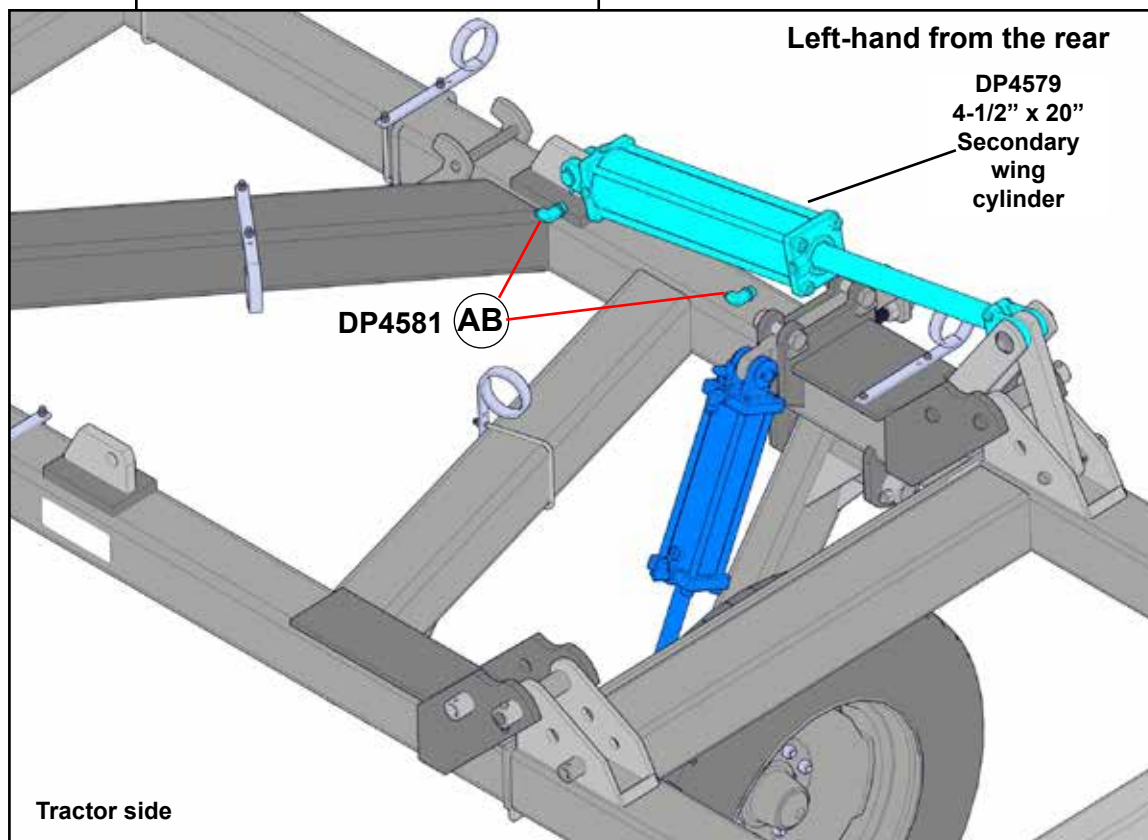
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Legacy 38', 42', 47' Hydraulics

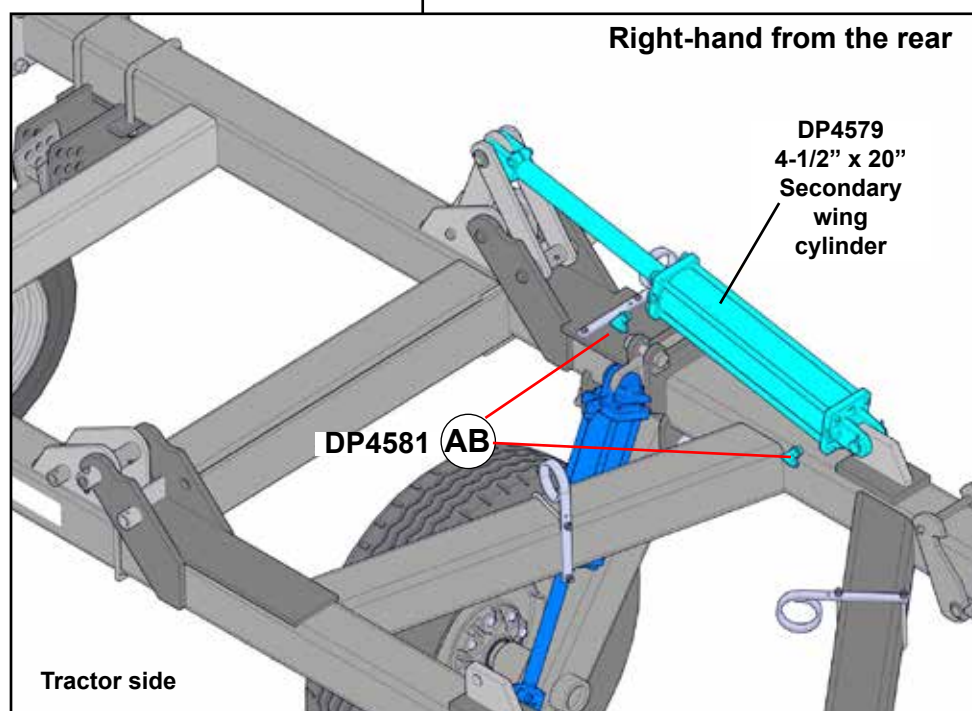
Task	Procedures	Illustrations
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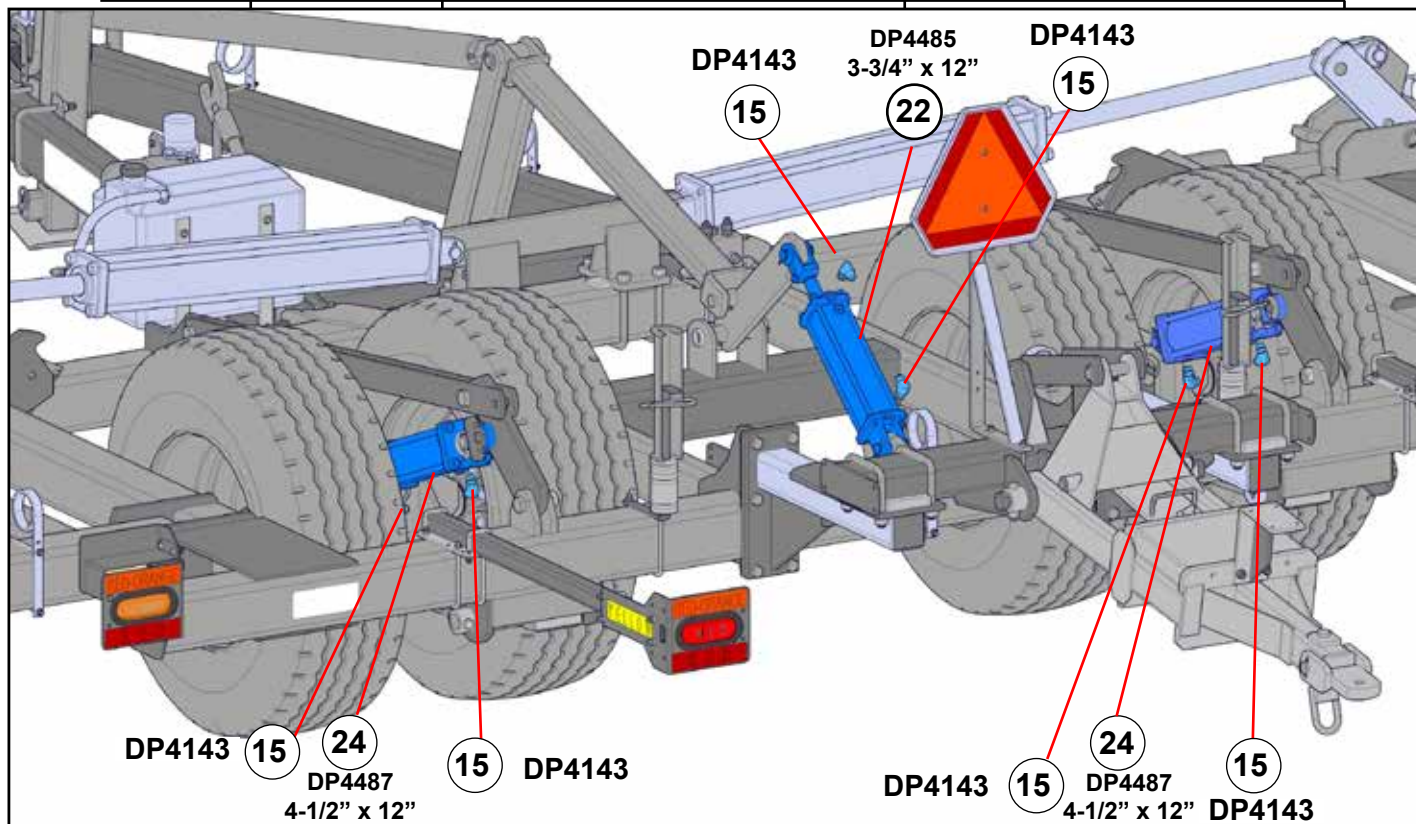
Single secondary wing cylinders

NOTE:
Left-hand and right-hand as viewed from the rear



7. Install (AB) (DP4581) 6MJ-10MSAE 90 degree adapters in both left-hand and right-hand side ports of 4-1/2" x 20" secondary wing cylinders.

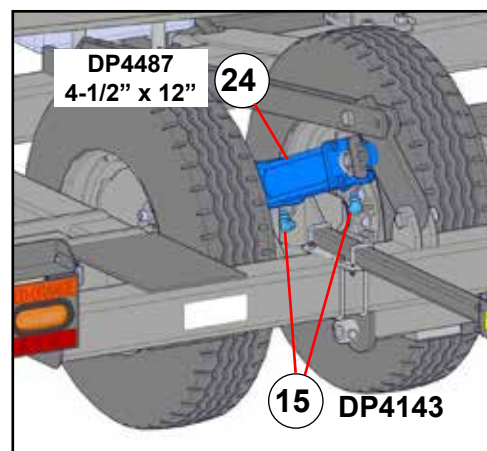




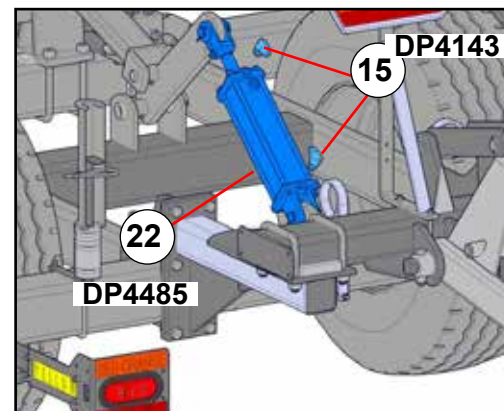
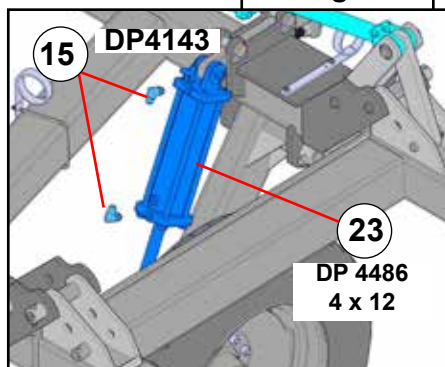
Center section cylinder fittings

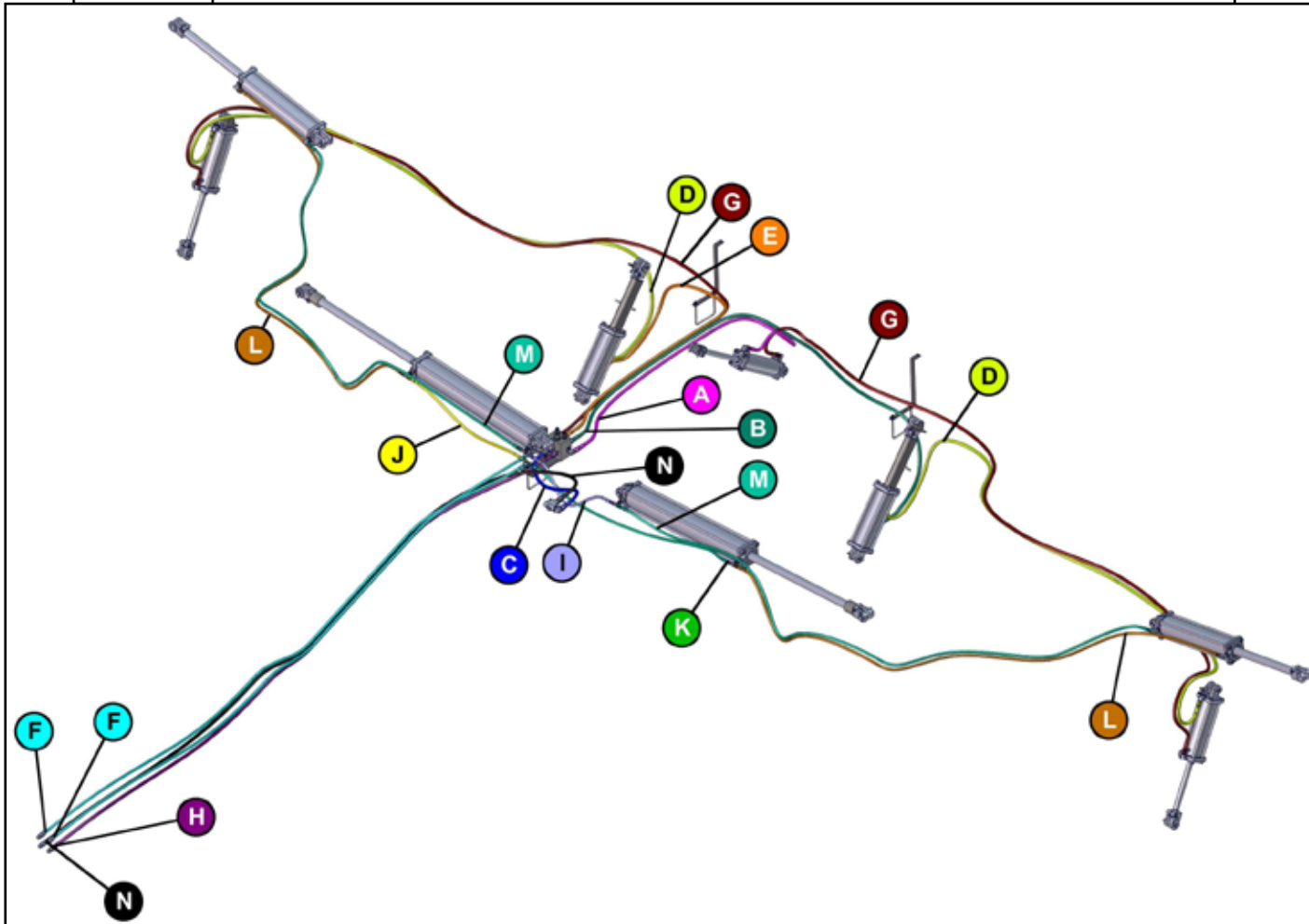
Gauge wheel cylinder fittings

1. Install (15) (DP4143) 90 degree adapter, 10MJIC- 8MSAE in bottom ports of wheel lift cylinders (24) (DP4487) 4-1/2" x 12".

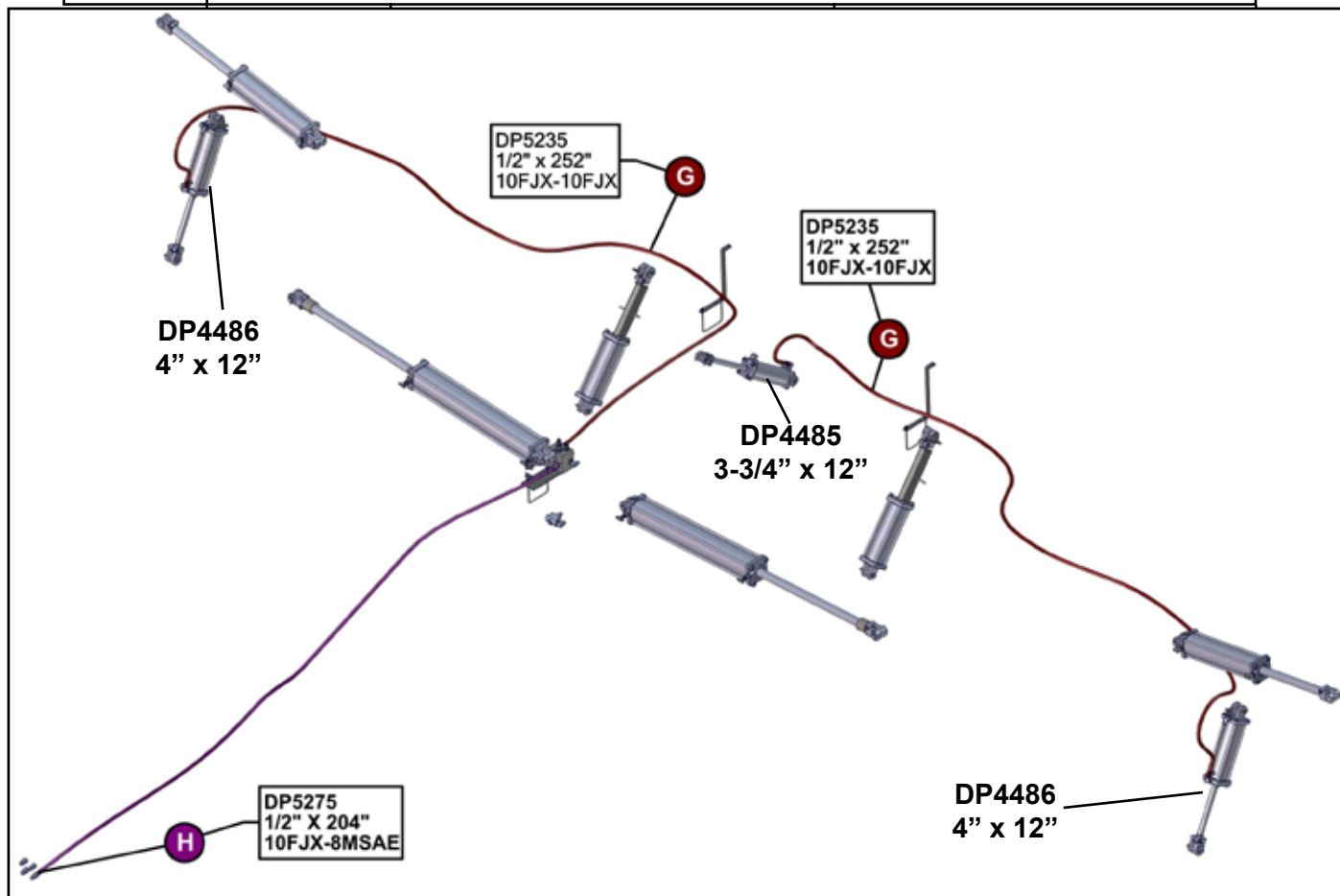


2. Install (15) (DP4143) 90 degree adapter, 10MJIC- 8MSAE in top ports of center section linkage cylinder (22) (DP4485) 3-3/4" x 12".
3. Install (15) (DP4143) 90 degree adapter, 10MJIC- 8MSAE in top ports of gauge wheel linkage cylinders (23) (DP4486) 4" x 12".





BOM ID	Qty	Item No	Description
A	1	DP4496	HOSE, HYD, 1/2 X 114, 10FJX-10FJX
B	1	DP5001	HOSE, HYD, 1/2 X 168, 10FJX-10FJX
C	1	DP5230	HOSE, HYD, 1/2 X 42, 10FJX-10FJX
D	2	DP5184	HOSE, HYD, 1/2 X 192, 10FJX-10FJX
E	1	DP5186	HOSE, HYD, 1/2 X 132, 10FJX-10FJX
F	2	DP5200	HOSE, HYD, 3/8 X 202, 6FJX-8MSAE
G	2	DP5235	HOSE, HYD, 1/2 X 252, 10FJX-10FJX
H	1	DP5275	HOSE, HYD, 1/2 X 204, 10FJX-8MSAE
I	1	DP5308	HOSE, HYD, 3/8 X 32, 6FJX-6FJX
J	1	DP5309	HOSE, HYD, 3/8 X 43, 6FJX-6FJX
K	1	DP5310	HOSE, HYD, 3/8 X 77, 6FJX-6FJX
L	2	DP5314	HOSE, HYD, 3/8 X 152, 6FJX-6FJX
M	2	DP5315	HOSE, HYD, 3/8 X 168, 6FJX-6FJX
N	1	DP5350	HOSE, HYD, 1/2 X 228, 10FJX-8MSAE

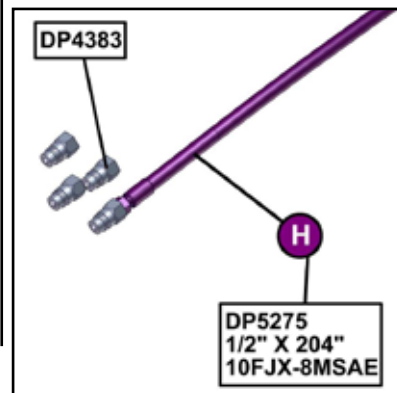
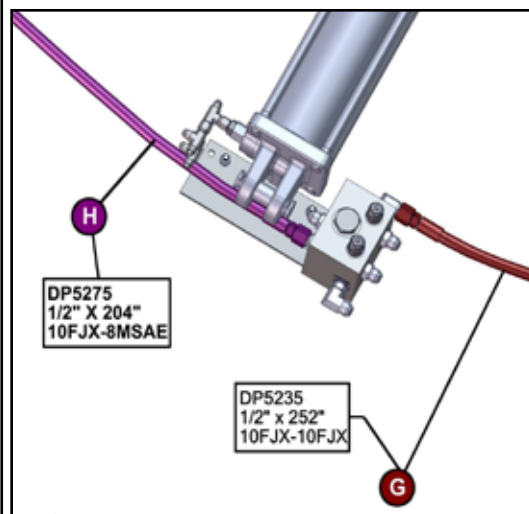


Lift wheel
hoses



NOTE:
*Left-hand
and
right-hand
as viewed
from the
rear*

1. Attach (H) (DP5275) 1/2" x 204" (17') 10FJX-8MSAE hoses to tractor side ports of flow divider.
2. Extend hoses through hose holders on tongue and install (DP4383) pioneer fittings
3. Install (G) (DP5235) 1/2" x 252" (21') 10FJX-10FJX hose to right-hand 90 degree elbow on flow divider. Extend hose through hose holders to right-hand gauge wheel and attach to rod end of cylinder.
4. Attach second (G) (DP5235) 1/2" x 252" (21') 10FJX-10FJX hose to butt end of (DP4485) 3-1/2 x 12 cylinder. Extend hose through hose holders to left-hand gauge wheel cylinder (DP4486) and attach to rod end.

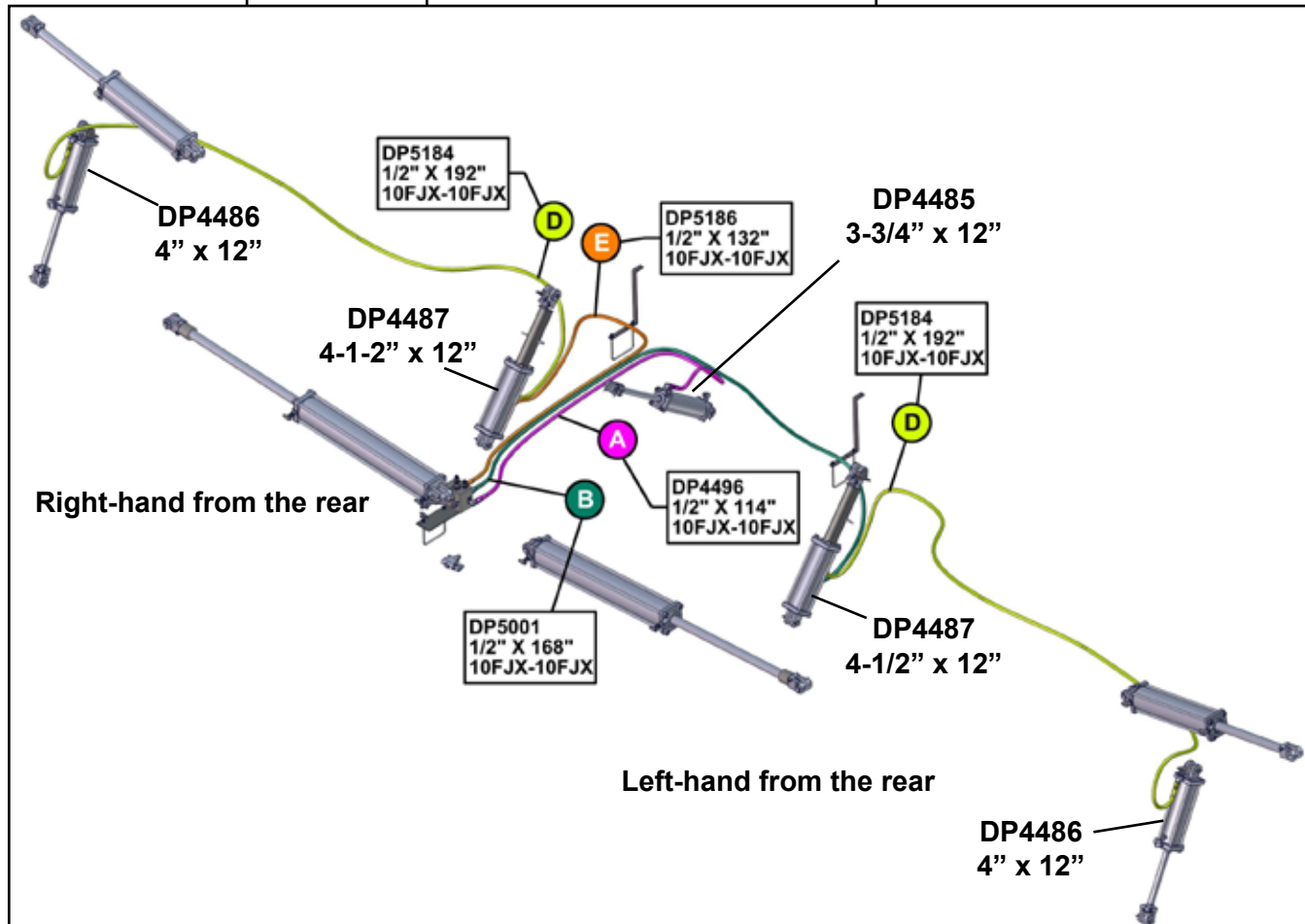


Legacy 38', 42', 47' Hydraulics

Task

Procedures

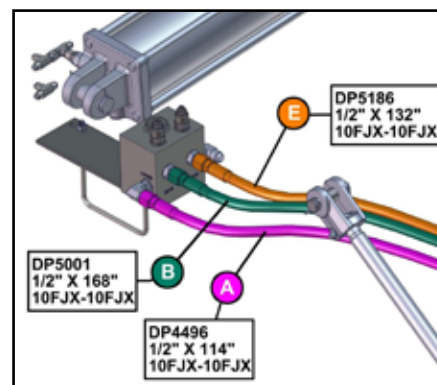
Illustrations

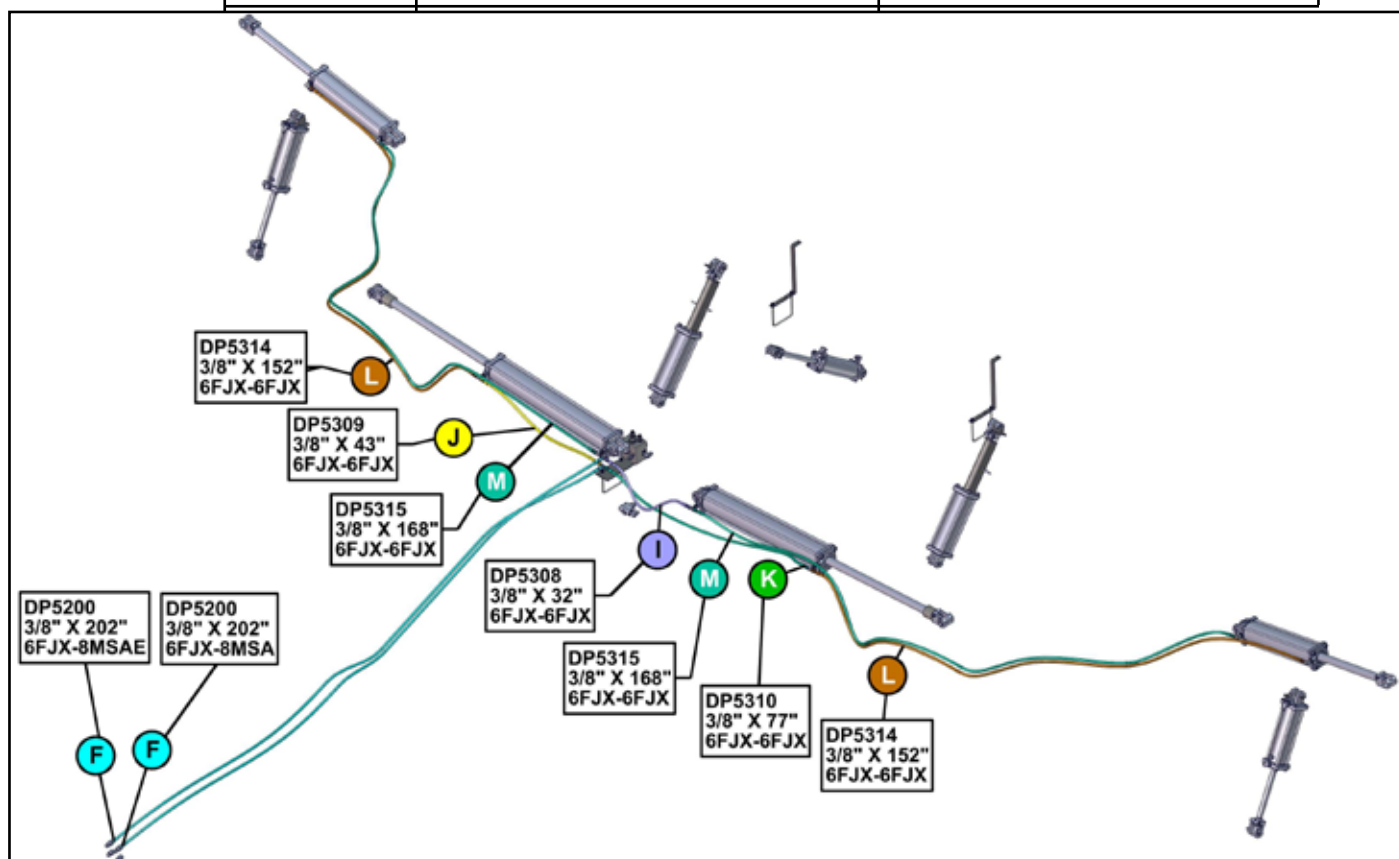


► Lift wheel hoses
►

NOTE:
Left-hand and right-hand as viewed from the rear

1. Attach (A) (DP4496) 1/2" x 114" (9'6") 10FJX-10FJX hose to flow divider 90 degree elbow. Extend through hose holder to rod end of (DP4485).
2. Install (B) (DP5001) 1/2" x 168" (14') 10FJX-10FJX hose to rear left-hand adapter on the flow divider. Extend hose through hose holders to butt end of (DP4487) left-hand.
3. Attach (E) (DP5186) 1/2" x 132" (11') 10FJX-10FJX hose to rear right-hand adapter on flow divider. Extend hose through hose holders to butt end of (DP4487) right-hand.
4. Install (D) (DP5184) 1/2" x 192" (16') 10FJX-10FJX hoses to rod ends of (DP4487). Extend hoses through hose holders down each side to butt ends of gauge wheel cylinder (DP4486).

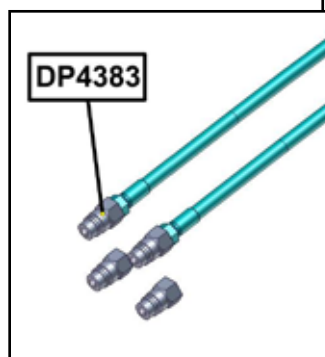
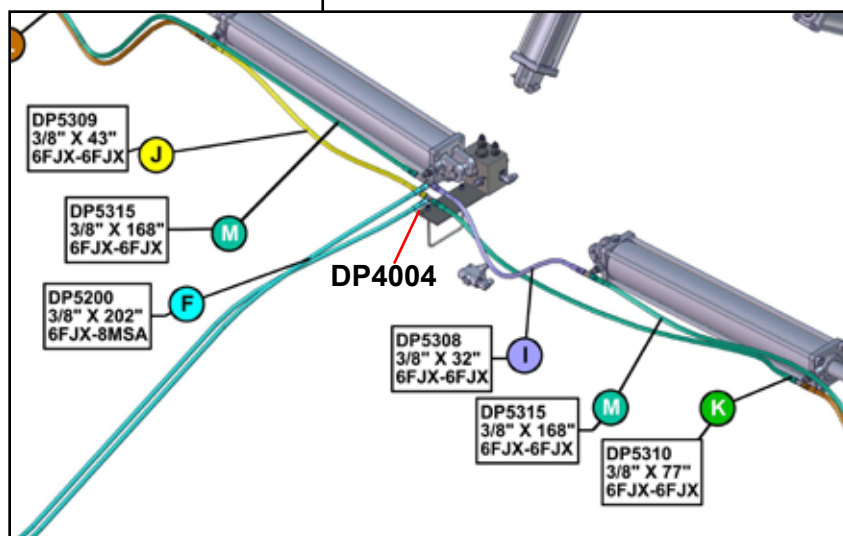


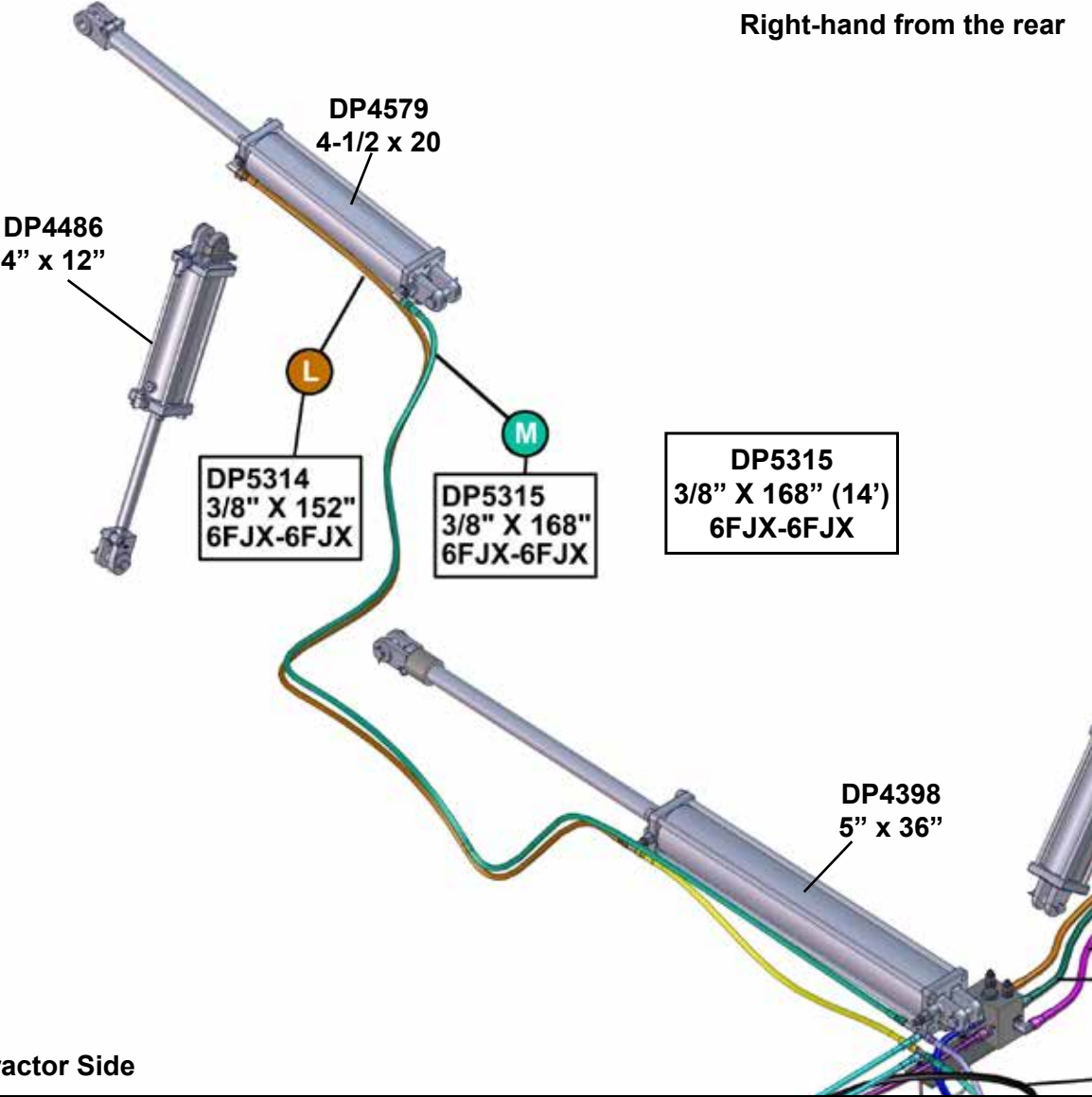


Wing lift hoses

NOTE:
Left-hand
and
right-hand
as viewed
from the
rear

1. Attach bottom (F) (DP5200) 3/8" x 202" (16'-10"), 6FJX-8MSAE hoses to (DP4004) 10MJ-10MJ-10MJ tee near flow divider. Attach second (F) (DP5200) 3/8" x 202" (16'-10"), 6FJX-8MSAE hoses to (DP4379) 6JX-6MJ-6MJ tee on cylinder butt end fitting.
2. Install (I) (DP5309) 3/8" x 43" (3'-7") 6FJX-6FJX hose to (DP4004) 10MJ-10MJ-10MJ tee. Extend and attach to rod end of right-hand (DP4398) cylinder.
3. Attach (K) (DP5310) 3/8" x 77" (6'-5") 6FJX-6FJX hose to (DP4379) 6FJX-6MJ-6MJ tee. Extend and attach to rod end of left-hand (DP4398) cylinder.
4. Install (I) (DP5308) 3/8" x 32" (2'-8") from DP4379 fitting to butt end of DP4398 left-hand cylinder.
5. Extend hoses through hose holders on tongue to hitch. Install two (DP4383) Pioneer fittings.



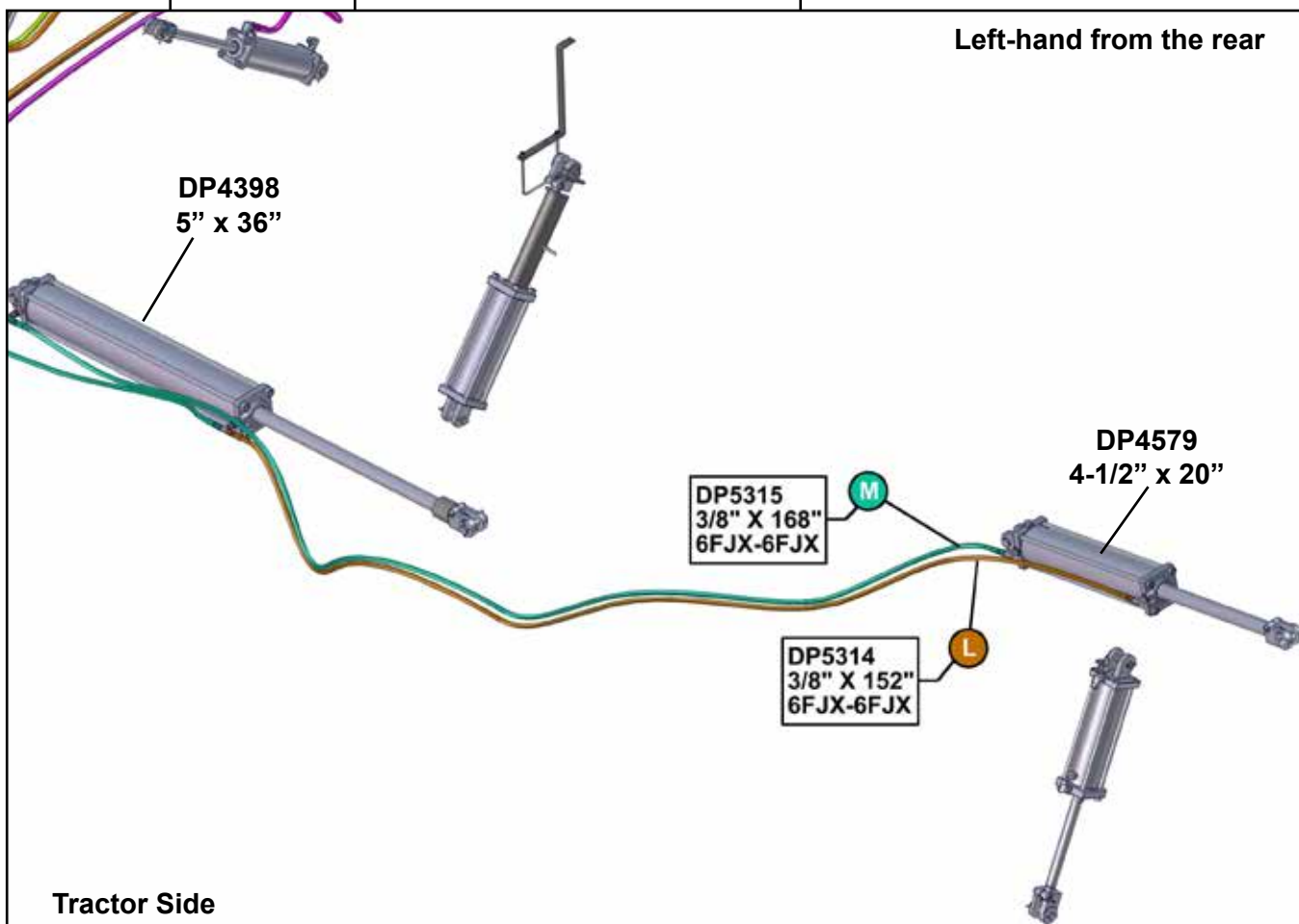
BLU-JET LEGACY	Legacy 38', 42', 47' Hydraulics		
	Task	Procedures	Illustrations
			<p>Right-hand from the rear</p>  <p>Tractor Side</p>
<p>▶ Wing lift hoses</p> <p>▶ NOTE: Left-hand and right-hand as viewed from the rear</p>		<ol style="list-style-type: none"> 1. Attach bottom (L) (DP5315) 3/8" x 168" (14') 6FJX-6FJX to butt end tee of (DP4398) cylinder. Extend hose through hose holders to rear secondary wing (DP4579) cylinder butt end tee. 2. Install (K) (DP5314) 3/8" x 152" (12'-8") 6FJX-6FJX to rod end tee of (DP4398) cylinder. Extend hose through hose holders to rear secondary wing (DP4579) cylinder rod end tee. 	

Legacy 38', 42', 47' Hydraulics

Task

Procedures

Illustrations

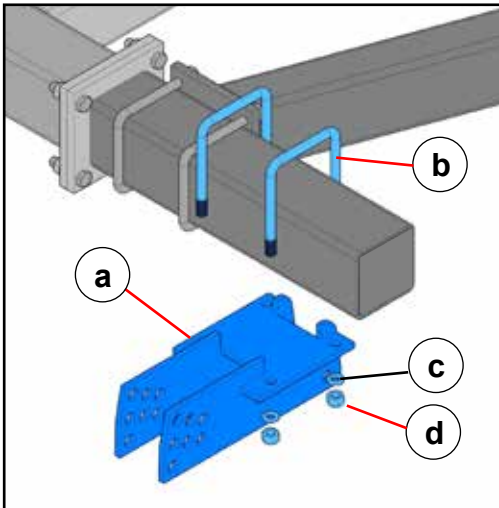
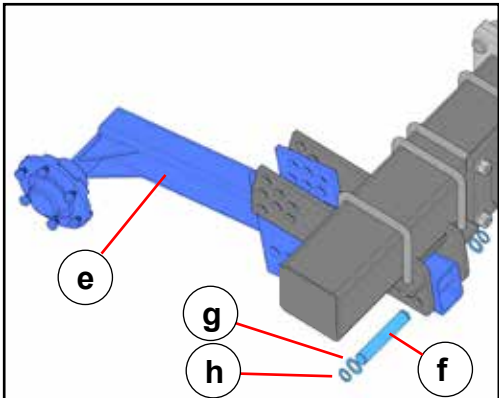
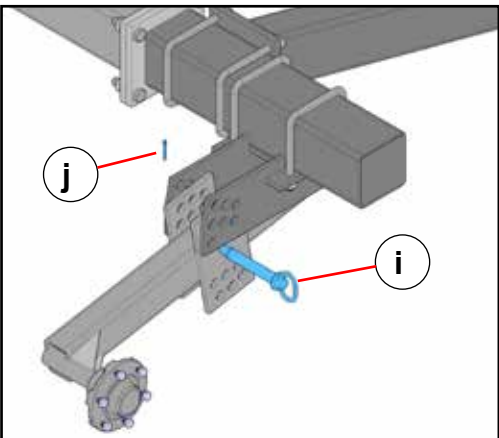
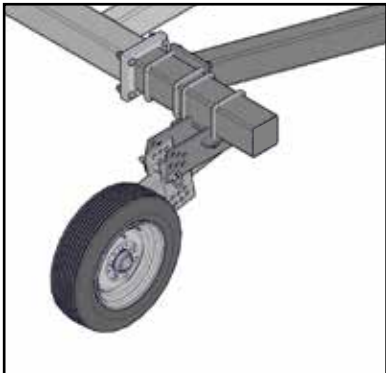
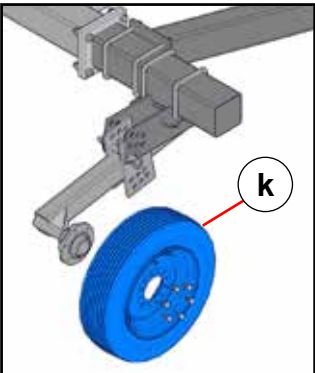


Wing lift hoses

NOTE:
Left-hand and right-hand as viewed from the rear

1. Attach bottom (M) (DP5315) 3/8" x 168" (14') 6FJX-6FJX to butt end tee of (DP4398) cylinder. Extend hose through hose holders to rear secondary wing (DP4579) cylinder butt end tee.
2. Install (L) (DP5314) 3/8" x 152" (12'-8") 6FJX-6FJX to rod end tee of (DP4398) cylinder. Extend hose through hose holders to rear secondary wing (DP4579) cylinder rod end tee.

Pin Adjust Gauge Wheel Assembly

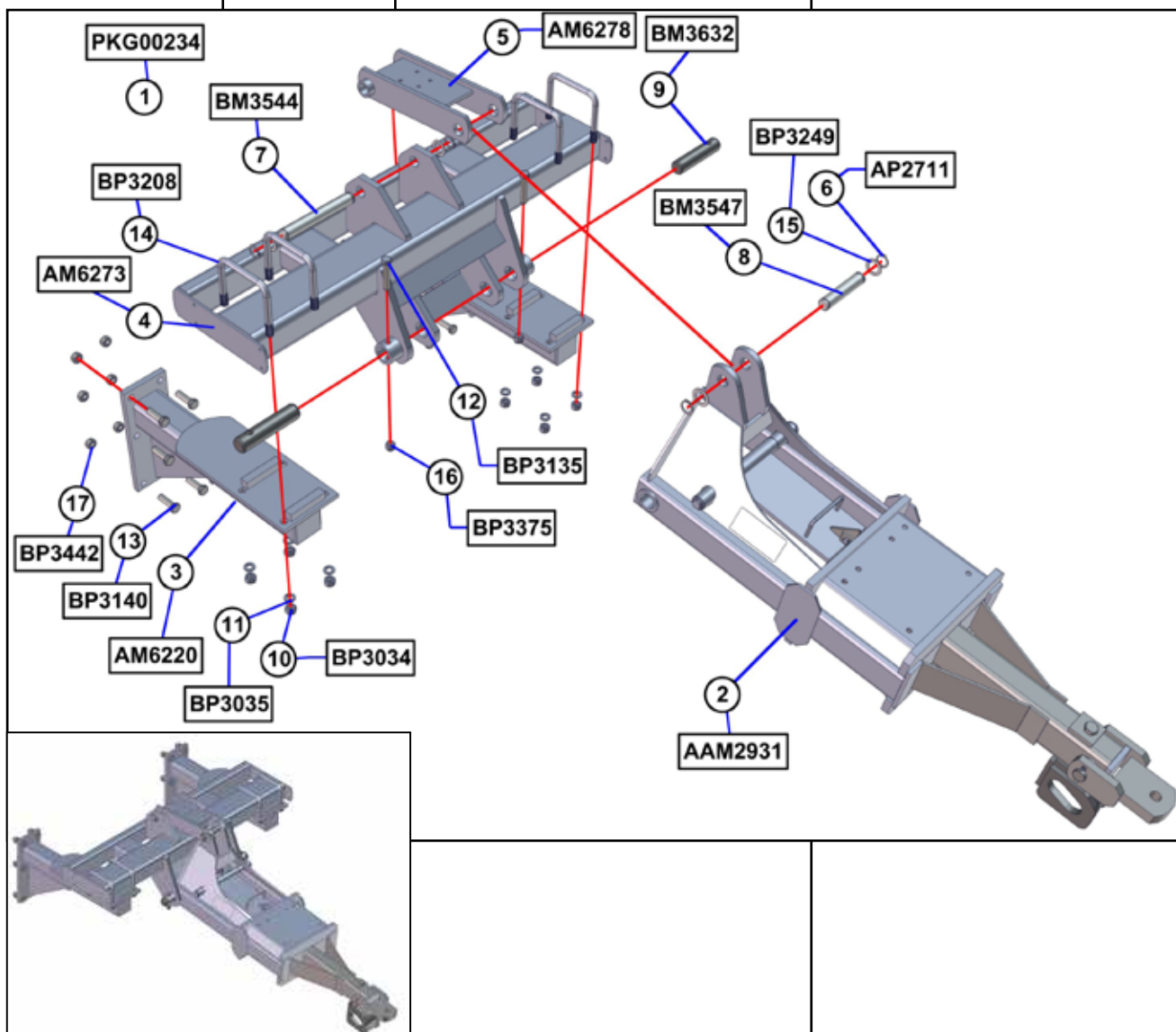
Task	Procedures	Illustrations
<p>► Mounting pin adjust gauge wheels</p> <p>► NOTE: Consult row spacing pages for pin adjust gauge wheel locations</p>	<ol style="list-style-type: none"> Consult row spacing pages and mark out spacing on front and back bars. Consult row spacing page and position (a) (AM24025) pin adjust gauge wheel bracket on mainframe and secure with two (b) (BP3350) 3/4-10 x 6"W x 7-7/16"L u-bolts, four (c) (BP3035) 3/4" lock washers and four (d) (BP3034) 3/4" hex nuts. Position (e) (AM24024) pin adjust gauge wheel assembly leg into mounting bracket and insert (f) (BM3650) 1" x 5-9/16" double grooved pin. Secure pin with two (g) (BP3215) 1-1/2" machinery bushing 1-1/2" OD x 1" ID 14 GA and two (h) (AP2407) 1" snap rings heavy duty on both ends of the pin. Insert (i) (BP3051) 1" x 6" pin into middle hole of middle row on the mounting bracket. Secure with (j) (BP3511) 3/16" x 1-3/4" cotter key. Remove hex cap screws from wheel leg hub and mount (k) (AAM2768) 25 x 7.50-15 4 ply tire and rim on hubs. Secure with hex cap screws. Wheels face to the outside of the mainframe. 	    

PKG00234 Nurse Tank Hitch Assembly Parts

Task

Procedures

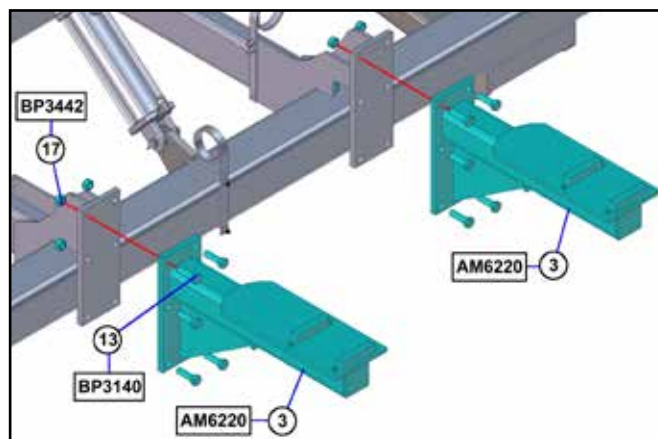
Illustrations



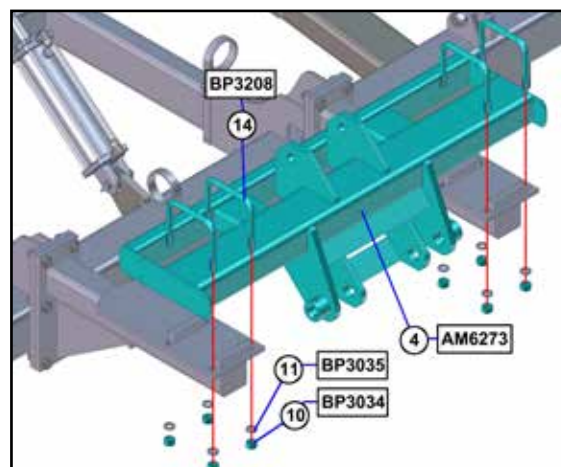
BOM ID	Qty	Item No	Description
1	1	PKG00234	NURSE TANK HITCH ASSEMBLY, AT6020
2	1	AAM2931	ASSEMBLY, NURSE TANK HITCH, AUTO-LOK, W/O PIN
3	2	AM6220	BRACKET, HITCH MOUNTING, AT6010 NURSE TANK
4	1	AM6273	BRACKET, NURSE TANK HITCH MOUNTING, LOW
5	1	AM6278	LINKAGE, NURSE TANK HITCH, 12-3/4"
6	4	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
7	1	BM3544	PIN, 1-1/4" X 9" USEABLE
8	1	BM3547	PIN, 1-1/4" X 5-3/4" USEABLE
9	2	BM3632	PIN, CATEGORY IV, UPPER LINK
10	8	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
11	8	BP3035	WASHER, LOCK, 3/4", PLATED
12	2	BP3135	HEX CAP SCREW, 5/8"-11 X 3-1/2", GRADE 5, PLATED
13	12	BP3140	HEX CAP SCREW, 3/4"-10 X 2-1/2, GRADE 5, PLATED
14	4	BP3208	U-BOLT, 3/4"-10 X 6"W X 5-11/16"L, PLATED
15	4	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14GA, PLATED
16	2	BP3375	NUT, HEX LOCK, 5/8"-11, NYLOCK
17	12	BP3442	NUT, HEX LOCK, 3/4"-10, TOP LOCK, GRADE C, PLATED

PKG00234 Nurse Tank Hitch Assembly Parts

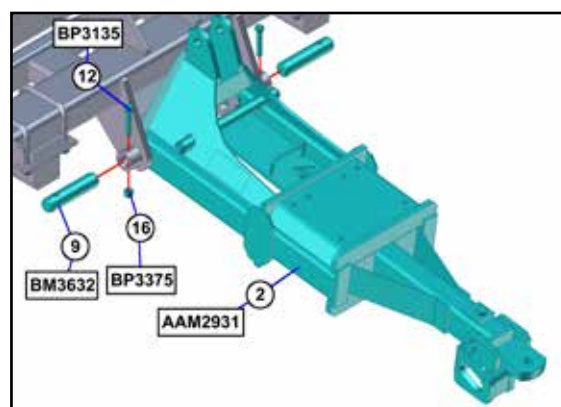
- **Mounting bolt-on nurse tank hitch mounting bracket**
1. Mount (3) (AM6220) nurse tank mounting brackets to main frame with (13) (BP3140) 3/4" x 2-1/2", grade 5, hex cap screws and (17) (BP3442) 3/4" hex lock nuts.



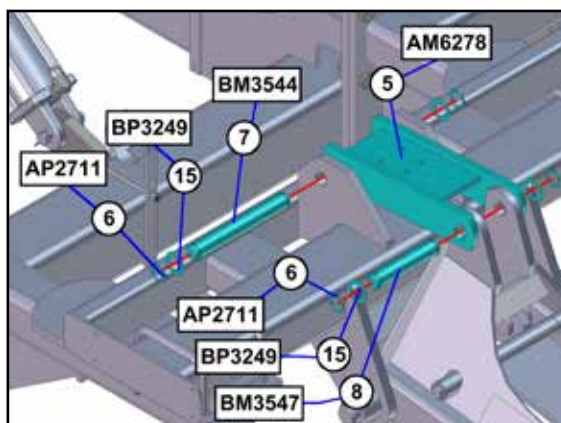
2. Position (4) (AM6273) nurse tank hitch mounting bracket on (3) between stops. Secure with (14) (BP3208) 3/4" x 6" x 5-11/16" u-bolts, (11) (BP3035) 3/4" lock washers, and (10) (BP3034) 3/4" hex nuts.



3. Attach (2) (AAM2931) hitch assembly, Auto-lock nurse tank with (9) (BM3632) upper link category IV pins. Secure with (12) (BP3135) 5/8" x 3-1/2" grade 5, hex cap screws and (16) (BP3375) 5/8" hex lock, Nylock.



4. Mount (5) (AM6278) nurse tank hitch linkage 12-3/4" to (4) (AM6273) nurse tank hitch mounting bracket, center weldments with (7) (BM3544) 1-1/4" x 9" pin. Secure with (15) (BP3249) 1-7/8" OD x 1-1/4" ID machinery bushings and (6) (AP2711) 1-1/4" external snap rings on both ends.



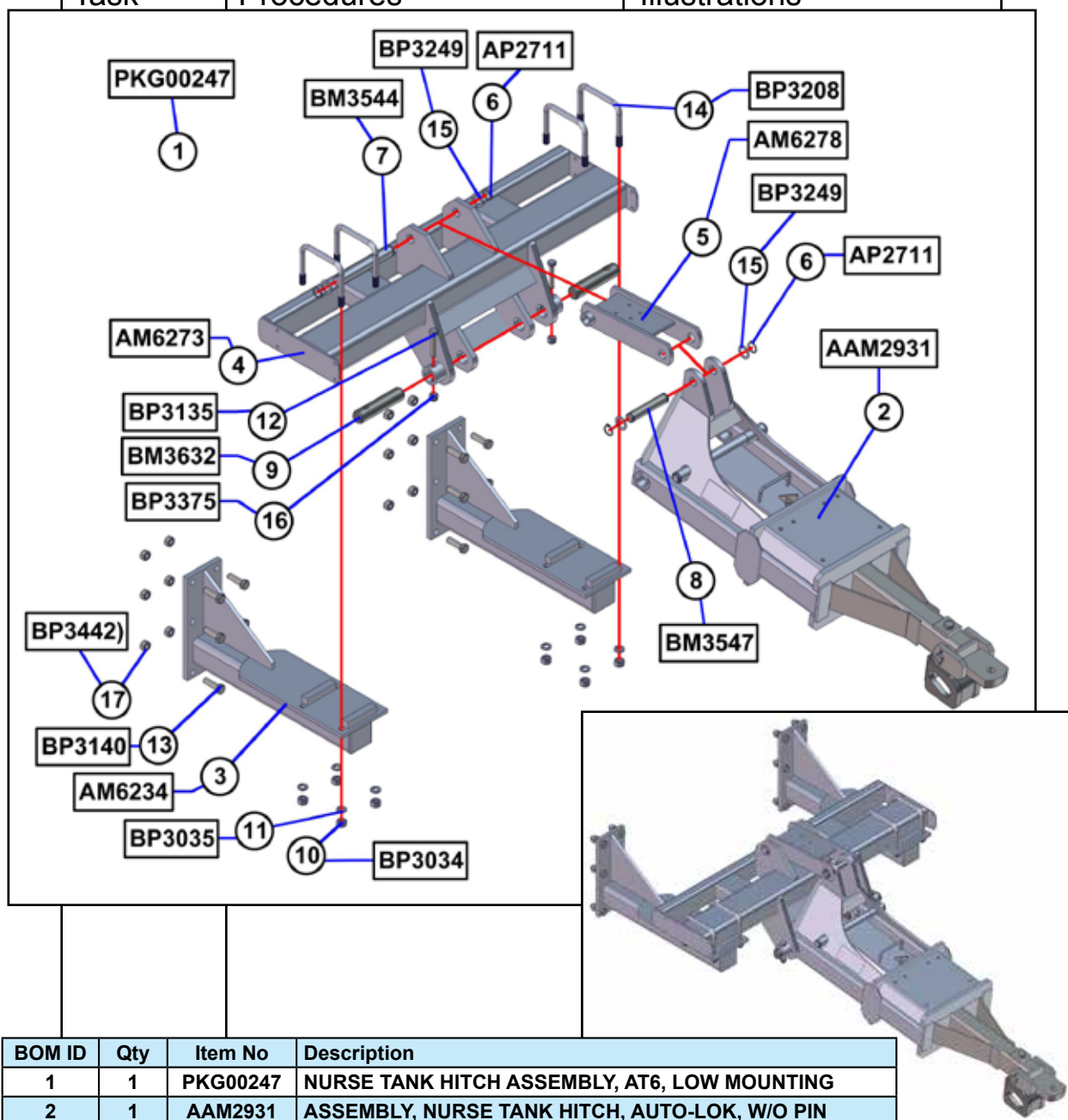
5. Raise (2) (AAM2931) hitch assembly, Auto-Lok nurse into (5) (AM6278) nurse tank hitch linkage 12-3/4". Secure with (15) (BP3249) 1-7/8" OD x 1-1/4" ID machinery bushings and (6) (AP2711) 1-1/4" external snap rings on both ends.

PKG00247 Nurse Tank Hitch Assembly, Low Mounting Parts

Task

Procedures

Illustrations



BOM ID	Qty	Item No	Description
1	1	PKG00247	NURSE TANK HITCH ASSEMBLY, AT6, LOW MOUNTING
2	1	AAM2931	ASSEMBLY, NURSE TANK HITCH, AUTO-LOK, W/O PIN
3	2	AM6234	BRACKET, LOW HITCH MOUNTING, AT6020 NURSE TANK
4	1	AM6273	BRACKET, NURSE TANK HITCH MOUNTING, LOW
5	1	AM6278	LINKAGE, NURSE TANK HITCH, 12-3/4"
6	4	AP2711	SNAP RING, 1-1/4" EXTERNAL, HEAVY DUTY
7	1	BM3544	PIN, 1-1/4" X 9" USEABLE
8	1	BM3547	PIN, 1-1/4" X 5-3/4" USEABLE
9	2	BM3632	PIN, CATEGORY IV, UPPER LINK
10	8	BP3034	NUT, HEX, 3/4"-10, GRADE 2, PLATED
11	8	BP3035	WASHER, LOCK, 3/4", PLATED
12	2	BP3135	HEX CAP SCREW, 5/8"-11 X 3-1/2", GRADE 5, PLATED
13	12	BP3140	HEX CAP SCREW, 3/4"-10 X 2-1/2", GRADE 5, PLATED
14	4	BP3208	U-BOLT, 3/4"-10 X 6"W X 5-11/16"L, PLATED
15	4	BP3249	MACHINERY BUSHING, 1-7/8" OD X 1-1/4" ID, 14GA, PLATED
16	2	BP3375	NUT, HEX LOCK, 5/8"-11, NYLOCK
17	12	BP3442	NUT, HEX LOCK, 3/4"-10, TOP LOCK, GRADE C, PLATED

PKG00247 Nurse Tank Hitch, Low Mounting Assembly

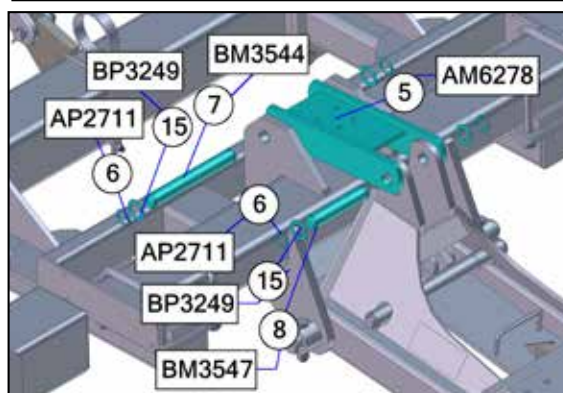
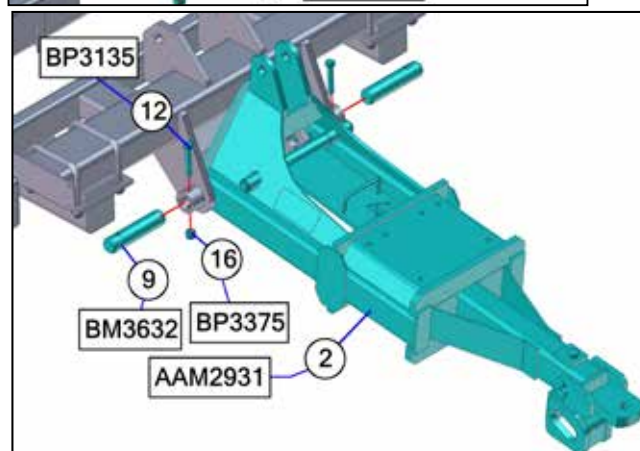
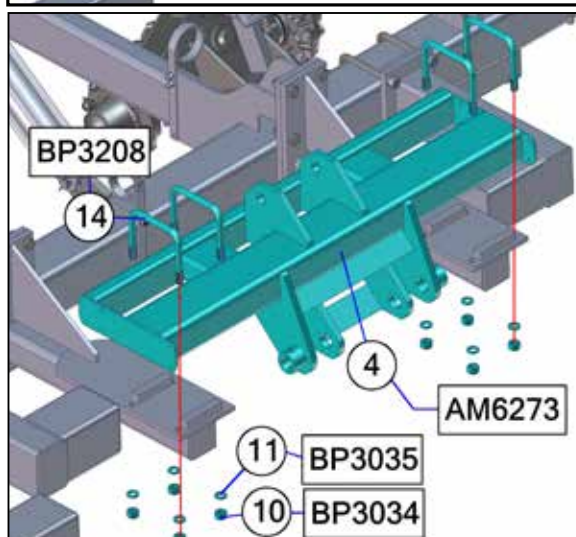
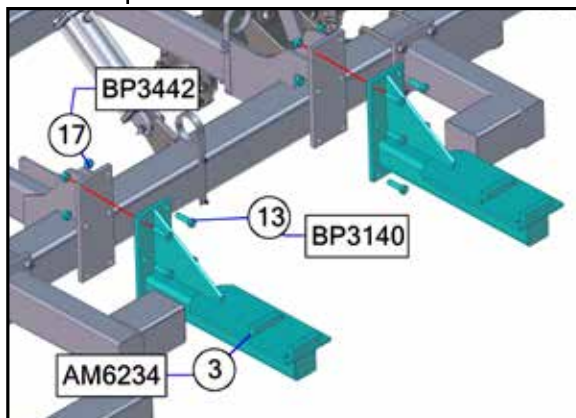
Task

Procedures

Illustrations

► Mounting bolt-on nurse tank hitch mounting bracket

1. Mount (3) (AM6234) nurse tank low mounting brackets to main frame with (13) (BP 3140) 3/4" x 2-1/2", grade 5, hex cap screws and (17) (BP3442) 3/4" hex lock nuts.
2. Position (4) (AM6273) nurse tank hitch mounting bracket on (3) between stops. Secure with (14) (BP3208) 3/4" x 6" x 5-11/16" u-bolts, (11) (BP3035) 3/4" lock washers, and (10) (BP3034) 3/4" hex nuts.
3. Attach (2) (AAM2931) hitch assembly, Auto-lok nurse tank with (9) (BM3632) upper link category IV pins. Secure with (12) (BP3135) 5/8" x 3-1/2" grade 5, hex cap screws and (16) (BP3375) 5/8" hex lock, Nylock.
4. Mount (5) (AM6278) nurse tank hitch linkage 12-3/4" to (4) (AM6273) nurse tank hitch mounting bracket, center weldments with (7) (BM3544) 1-1/4" x 9" pin. Secure with (15) (BP3249) 1-7/8" OD x 1-1/4" ID machinery bushings and (6) (AP2711) 1-1/4" external snap rings on both ends.
5. Raise (2) (AAM2931) hitch assembly, Auto-Lok nurse tank into (5) (AM6278) nurse tank hitch linkage 12-3/4". Insert (8) (BM3547) 1-1/4" x 5-3/4" pin. Secure with (15) (BP3249) 1-7/8" OD x 1-1/4" ID machinery bushings and (6) (AP2711) 1-1/4" external snap rings on both ends.

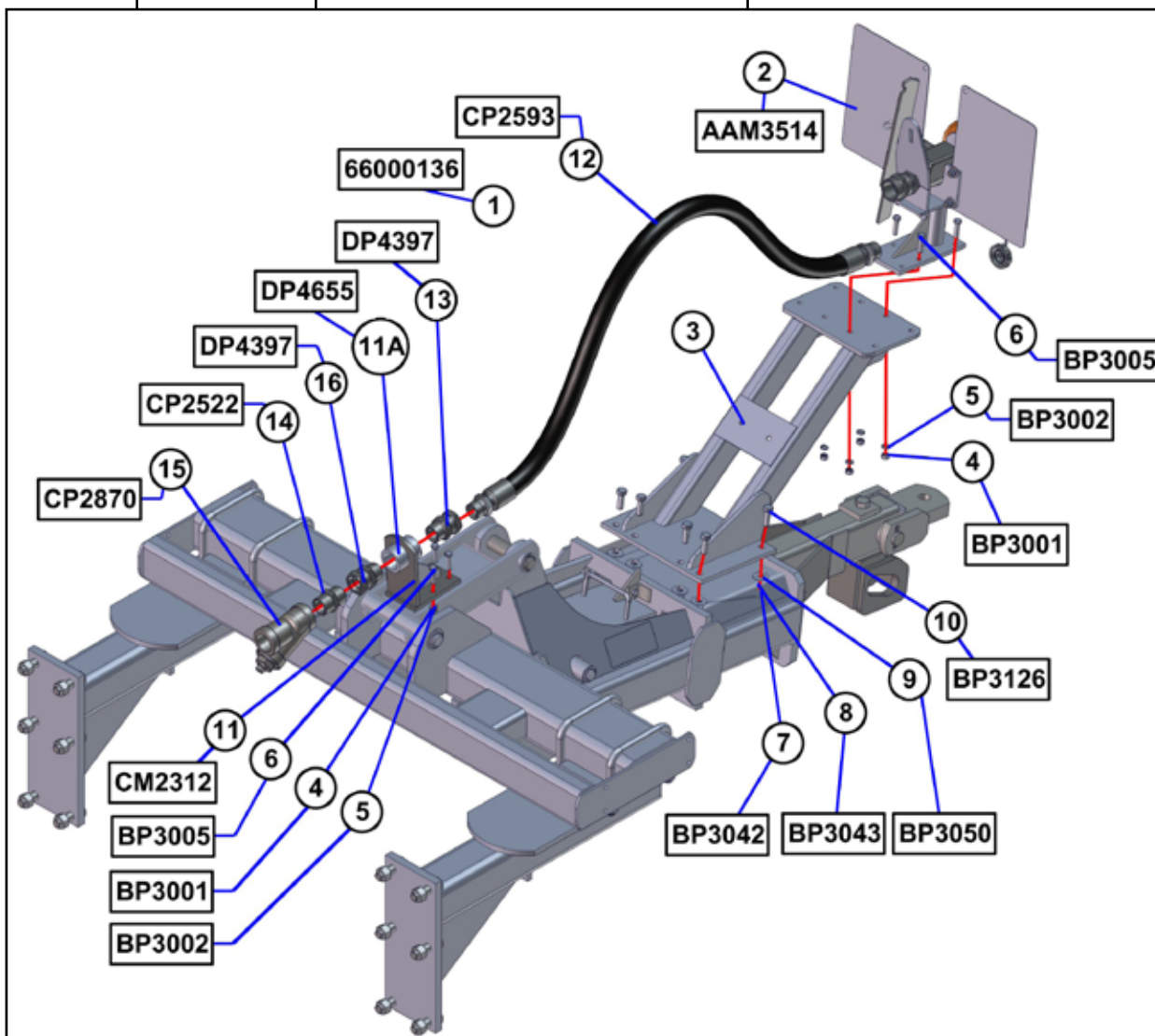


SuperShooter III Add-on Parts 66000136 Single Assembly

Task

Procedures

Illustrations



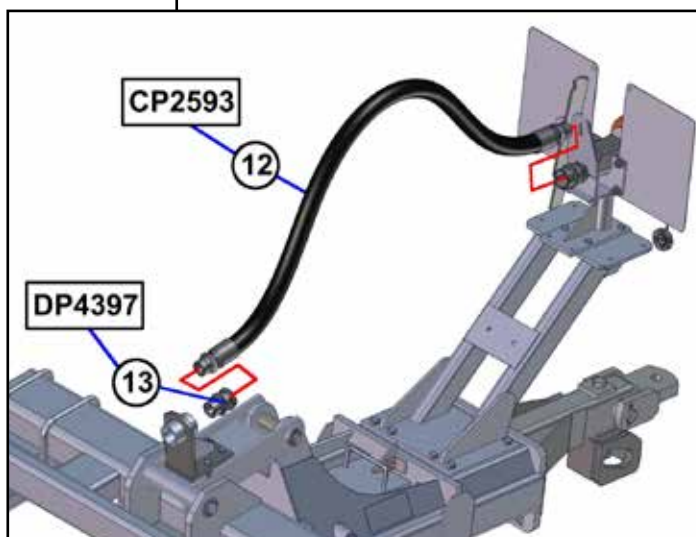
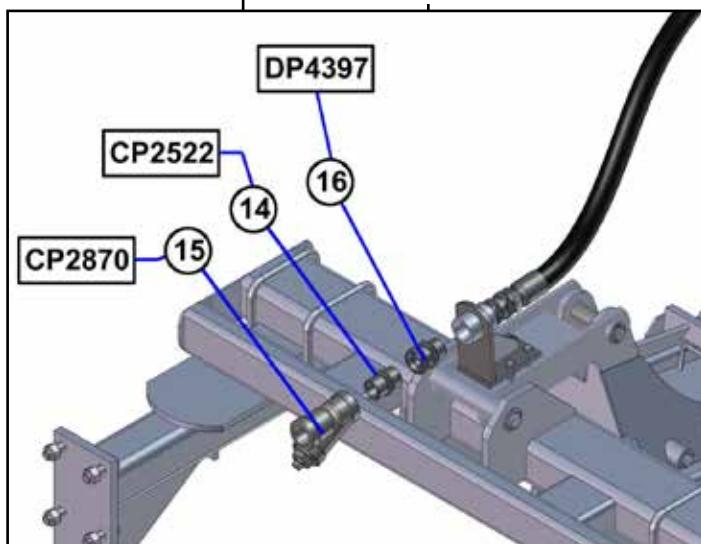
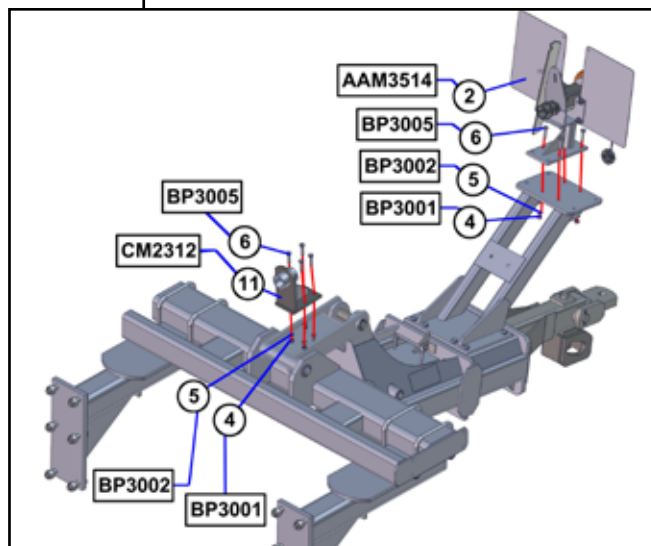
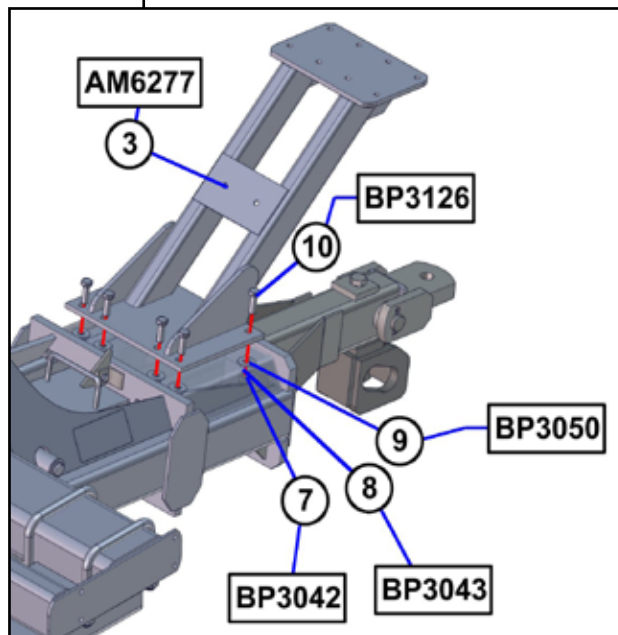
BOM ID	Qty	Item No	Description
1	1	66000136	SUPERSHOOTER III SINGLE ASSEMBLY, LESS DISTRIBUTION
2	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
3	1	AM6277	SUPERSHOOTER RISER, AUTO-LOK HITCH
4	8	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
5	8	BP3002	WASHER, LOCK, 3/8", PLATED
6	8	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
7	6	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
8	6	BP3043	WASHER, LOCK, 1/2", PLATED
9	6	BP3050	WASHER, FLAT, 1/2", PLATED
10	6	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
11	1	CM2312	BRACKET, COUPLER, SINGLE, 1-1/4" NPT
11A	1	DP4655	COUPLING, 1-1/4" PIPE, FORGED STEEL, CLASS 3000
12	1	CP2593	HOSE, NH3, 1-1/4" X 64"
13	1	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
14	1	CP2522	NIPPLE, HEX, 1- 1/4" NPT, 3000 PSI TRIVALENT
15	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
16	1	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP

SuperShooter III Add-on Parts 66000136 Single Assembly

Task	Procedures	Illustrations
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► SuperShooter single assembly

1. Attach (3) (AM6277) Super-Shooter riser to hitch with (10) (BP3126) 1/2" x 1-1/2", grade 5, hex cap screws. Secure with (9) (BP3050) 1/2" flat washers, (8) (BP3043) 1/2" lock washers and (7) (BP3042) 1/2" hex nuts.
2. Mount (2) (AAM3514) Super Shooter to (3) riser with (10) (BP3126) 1/2" x 1-1/2" hex cap screws. Secure with (6) (BP3005) 3/8" x 1/1/2" hex cap screws, (5) (BP3002) 3/8" lock washers and (4) (BP3001) 1/2" hex nuts.
3. Mount (11) (CM2312) single coupler bracket to linkage with (6) (BP3005) 3/8" x 1-1/2" hex cap screws. Secure with (5) (BP3002) 3/8" lock washers and (4) (BP3001) 3/8" hex nuts.
4. Apply sealant to threads of (13) (DP4397) 1-1/4" MP x 1-1/4" FP swivel install into coupler bracket.
5. Apply sealant to (12) (CP2593) 1-1/4" NH3 hose install in (13) and SuperShooter fitting.
6. Apply sealant to threads of (16) (DP4397) 1-1/4" MP x 1-1/4" FP swivel install into coupler bracket.
7. Apply sealant to each threaded end of (14) (CP2522) 1-1/4" NPT hex nipple install in (16). Attach (15) (CP2870) 1-1/4" strainer to (14).

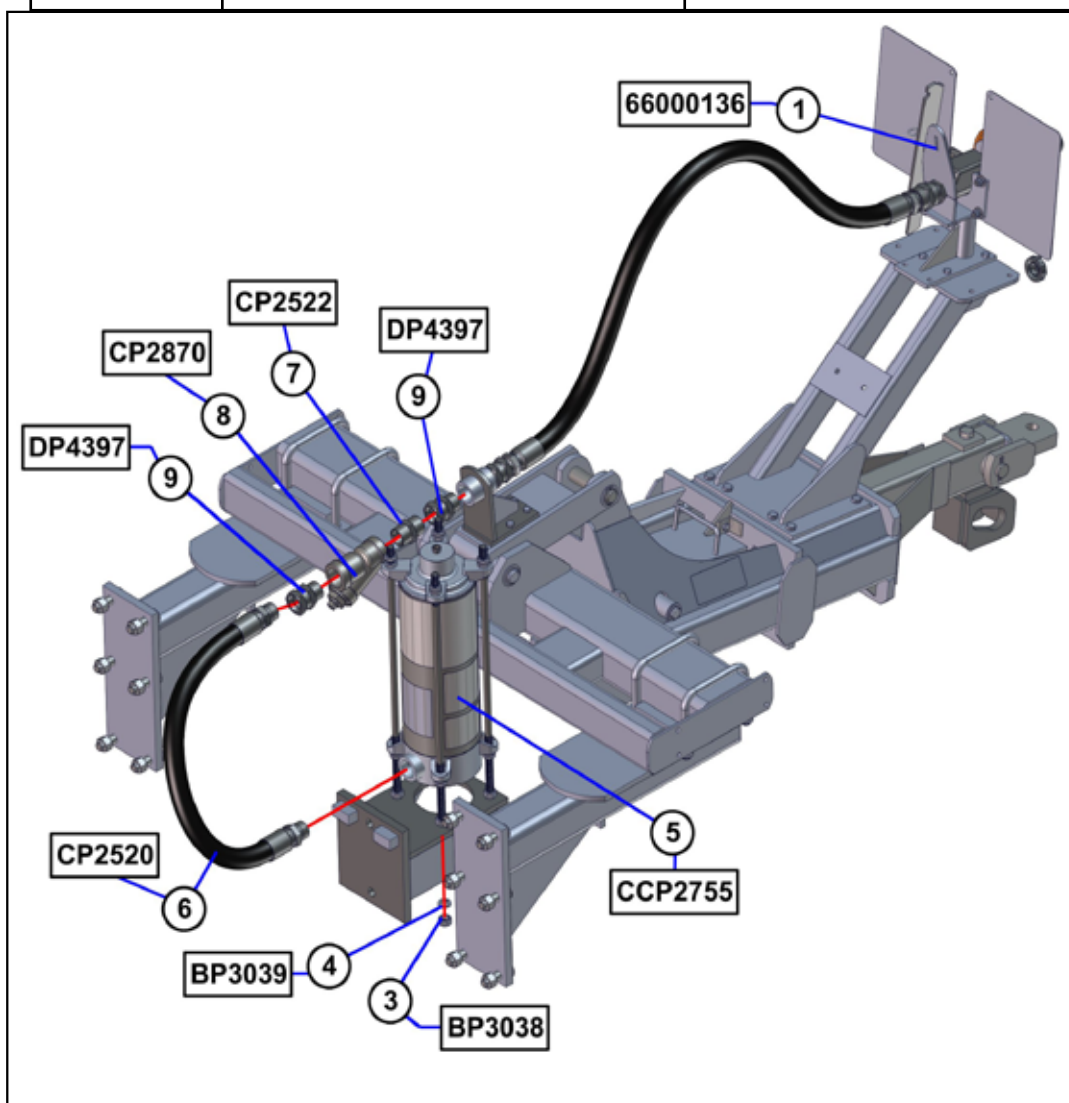


SuperShooter III Add-on Parts 66000136 Single Assembly With GDI

Task

Procedures

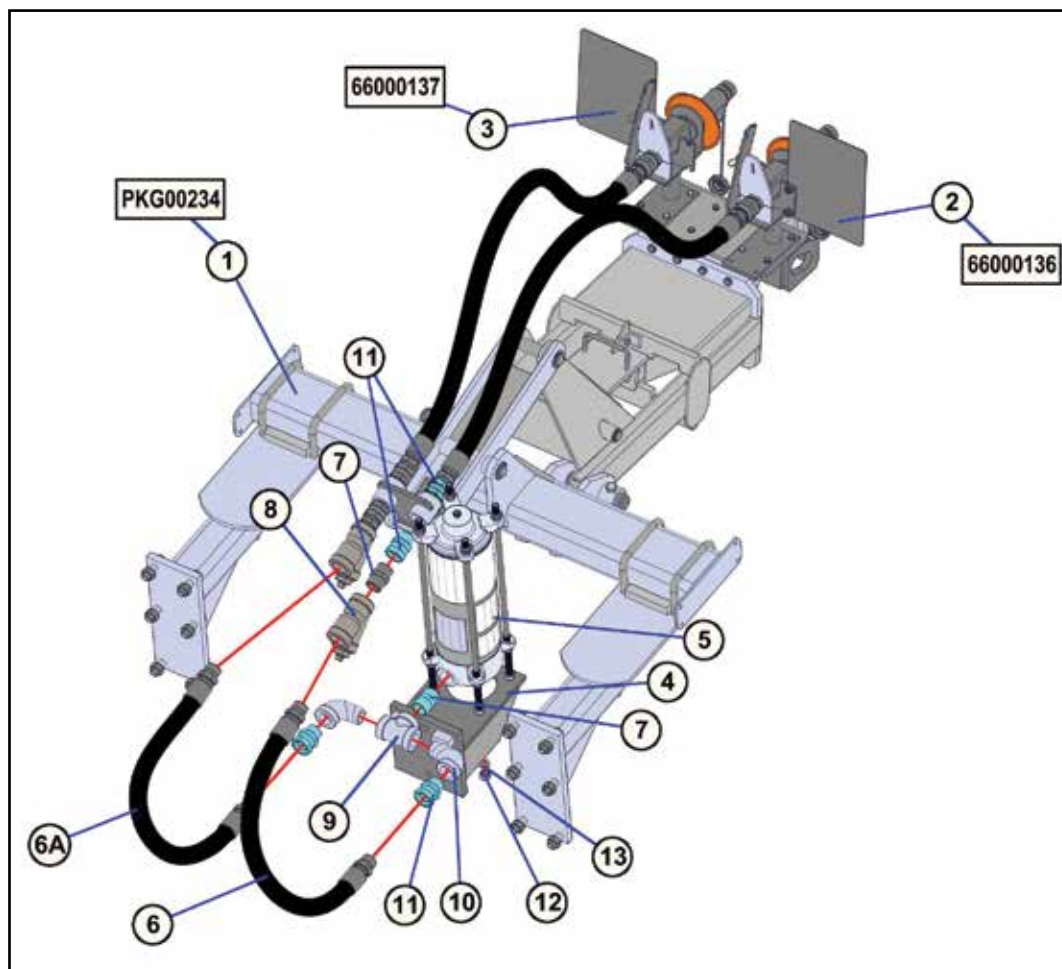
Illustrations



BOM ID	Qty	Item No	Description
1	1	66000136	SUPERSHOOTER III SINGLE ASSEMBLY, LESS DISTRIBUTION
2	1	AM4553	HEAT EXCHANGER MOUNTING, AT5000
3	8	BP3038	NUT, HEX, 5/8"-11, GRADE 2
4	4	BP3039	WASHER, LOCK, 5/8", PLATED
5	1	CCP2755	HEAT EXCHANGER ASSEMBLY, GDI 200A
6	1	CP2520	HOSE, NH3, 1-1/4" X 36"
7	1	CP2522	NIPPLE, HEX, 1- 1/4" NPT, 3000 PSI TRIVALENT
8	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
9	2	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP

SuperShooter III Add-on Parts Dual Assembly

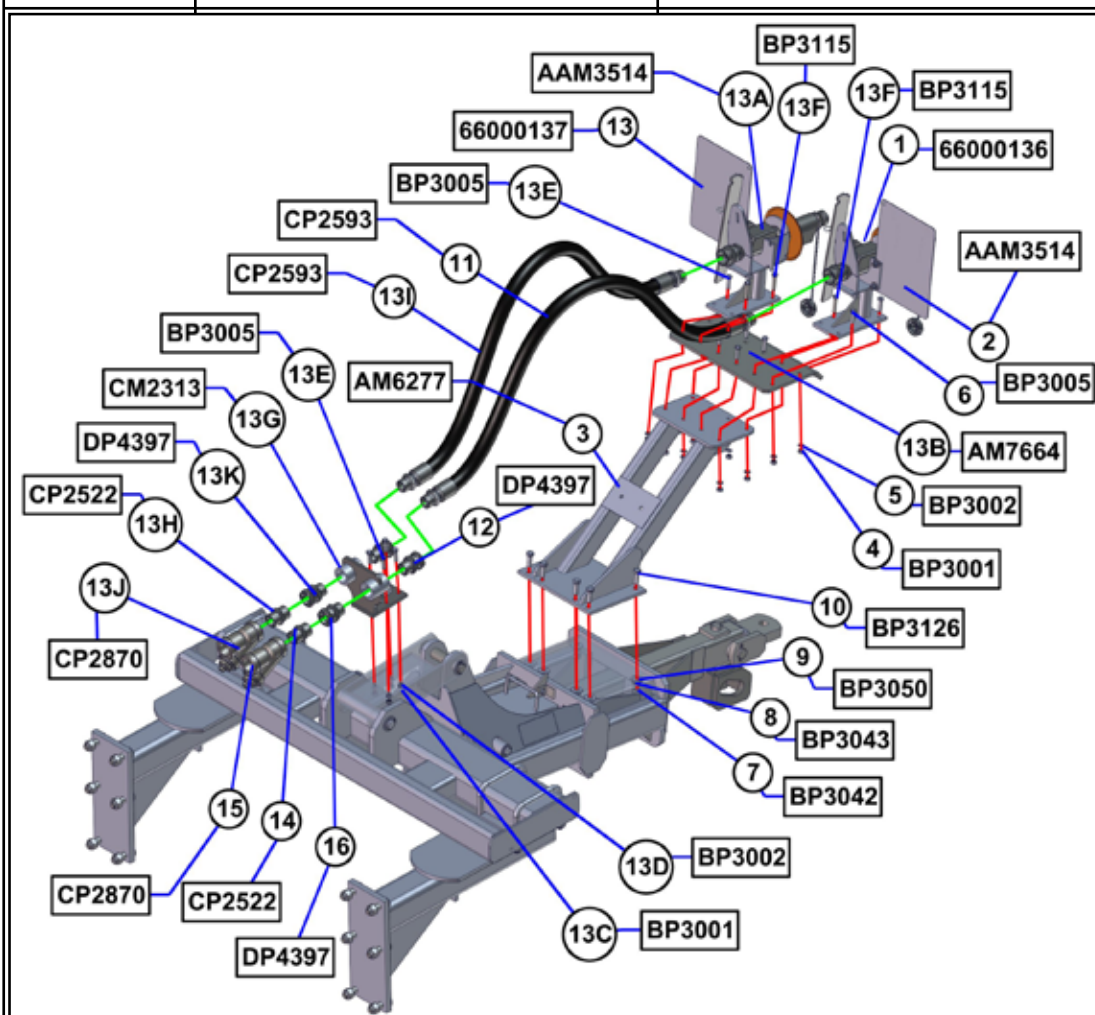
Task	Procedures	Illustrations
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BOM ID	Qty	Item No	Description
1	1	PKG00234	NURSE TANK HITCH ASSEMBLY
2	1	66000136	SUPERSHOOTER III SINGLE ASSEMBLY
3	1	66000137	DUAL SUPRSHOOTER III ADD-ON ASSEMBLY, HARDWARE & HOSE
4	1	AM4553	HEAT EXCHANGER MOUNTING
5	1	CCP2755	HEAT EXCHANGER ASSEMBLY
6	1	CP2520	HOSE, NH3, 1-1/4" X 36"
6A	1	CP2520	HOSE, NH3, 1-1/4" X 36"
7	2	CP2522	NIPPLE, HEX, 1-1/4" NPT, 3000 PSI
8	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
9	1	DP4037	TEE, 1-1/4"
10	2	DP4041	ELBOW, STREET, 1-1/4" EXTRA HEAVY
11	4	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
12	8	BP3038	NUT, HEX, 5/8"-11, GRADE 2
13	4	BP3039	WASHER, LOCK, 5/8", PLATED

SuperShooter III Add-on Parts Dual Assembly 66000137 and 66000136

Task	Procedures	Illustrations
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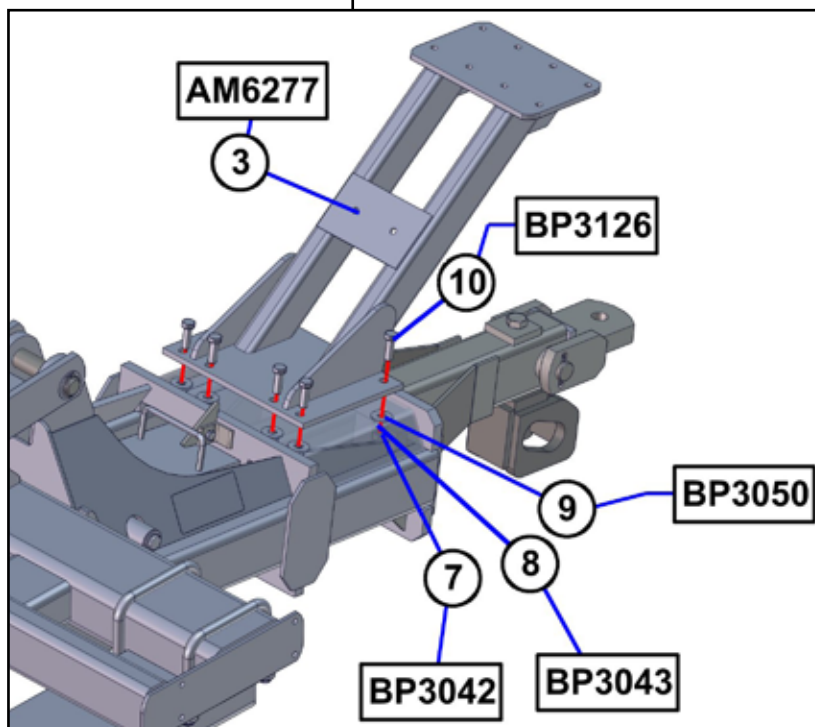
BOM ID	Qty	Item No	Description
1	1	66000136	SUPERSHOOTER III SINGLE ASSEMBLY, LESS DISTRIBUTION
2	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
3	1	AM6277	SUPERSHOOTER RISER, AUTO-LOK HITCH
4	4	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
5	4	BP3002	WASHER, LOCK, 3/8", PLATED
6	4	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
7	6	BP3042	NUT, HEX, 1/2"-13, GRADE 2, PLATED
8	6	BP3043	WASHER, LOCK, 1/2", PLATED
9	6	BP3050	WASHER, FLAT, 1/2", PLATED
10	6	BP3126	HEX CAP SCREW, 1/2"-13 X 1-1/2", GRADE 5, PLATED
11	1	CP2593	HOSE, NH3, 1-1/4" X 64"
12	1	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
13	1	66000137	DUAL SUPRSHTR III ADD-ON ASSEMBLY, W/HARDWARE & 64" HOSE
13A	1	AAM3514	SUPERSHOOTER III/ SQUIBB COUPLER/ BODYGUARD III
13B	1	AM7664	MOUNTING PLATE, DOUBLE SUPERSHOOTER
13C	12	BP3001	NUT, HEX, 3/8"-16, GRADE 2, PLATED
13D	12	BP3002	WASHER, LOCK, 3/8", PLATED
13E	8	BP3005	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 5, PLATED
13F	4	BP3115	HEX CAP SCREW, 3/8"-16 X 2", GRADE 5, PLATED
13G	1	CM2313	BRACKET, COUPLER, DOUBLE, 1-1/4" NPT
13H	1	CP2522	NIPPLE, HEX, 1- 1/4" NPT, 3000 PSI TRIVALENT
13I	1	CP2593	HOSE, NH3, 1-1/4" X 64"
13J	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
13K	2	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP
14	1	CP2522	NIPPLE, HEX, 1- 1/" NPT, 3000 PSI TRIVALENT
15	1	CP2870	STRAINER, NH3, 1-1/4" FPT 20 MESH, CONTINENTAL
16	1	DP4397	SWIVEL, 1-1/4" MP X 1-1/4" FP

SuperShooter III Add-on Parts 66000136 and 66000137 Dual Assembly

Task
Procedures
Illustrations

SuperShooter dual assembly

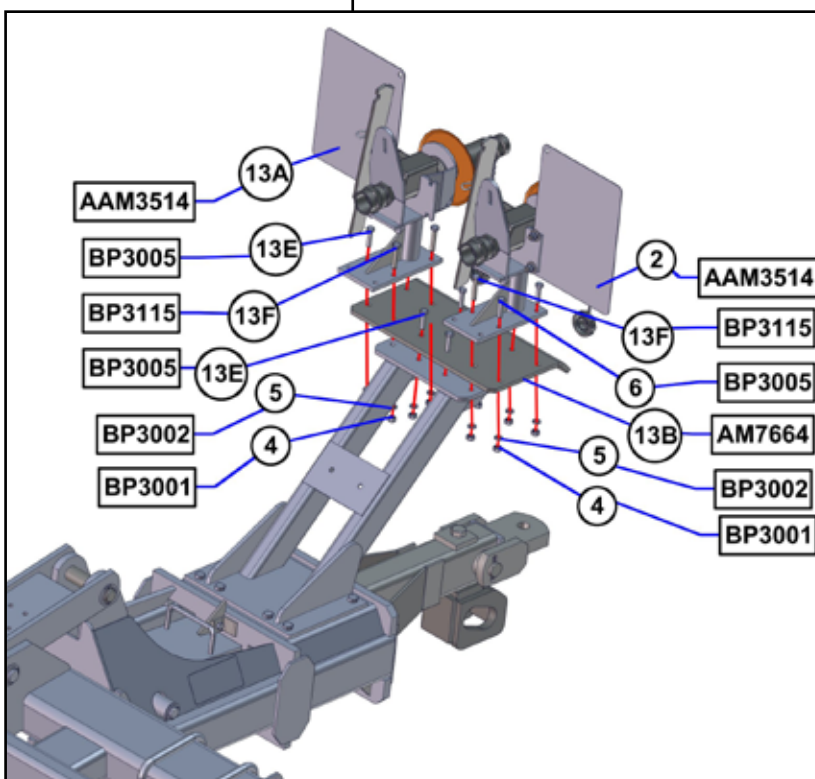
1. Mount (3) (AM6277) Super-Shooter riser to hitch with (10) (BP3126) 1/2" x 1-1/2" hex cap screws, (9) (BP3050) 1/2" flat washers, (8) (BP3043) 1/2" lock washers and (7) (BP3042) 1/2" hex nuts.



2. Position (13B) (AM7664) double SuperShooter mounting plate on mounting and insert (13E) (BP3005) 3/8" x 1-1/2", grade 5, hex cap screws in center four holes. Secure with (5) (BP3002) 3/8" lock washers and (4) (BP3001) 3/8" hex nuts.

3. Attach (2) (13A) (AAM3514) SuperShooters to mounting plate with (13F) (BP3115) 3/8" x 2", grade 5, hex cap screws to the inside of the SuperShooter mounting plate. Secure with (5) (BP3002) 3/8" lock washers and (4) (BP3001) 3/8" hex nuts.

4. Insert (13E) (BP3005) 3/8" x 1-1/2", grade 5, hex cap screws in the outside holes of each SuperShooter stand. Secure with (5) (BP3002) 3/8" lock washers and (4) (BP3001) 3/8" hex nuts.

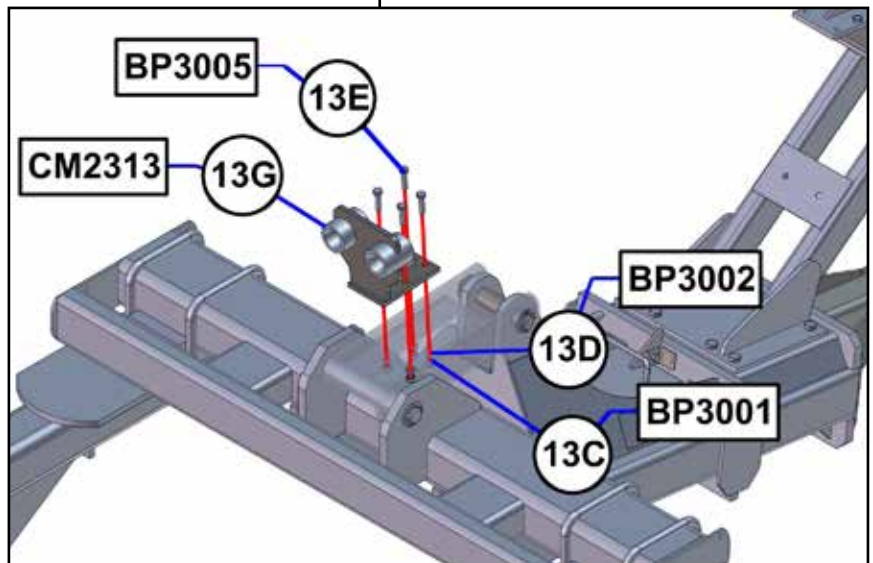


BLU-JET LEGACY	SuperShooter III Add-on Parts 66000136 and 66000137 Dual Assembly		
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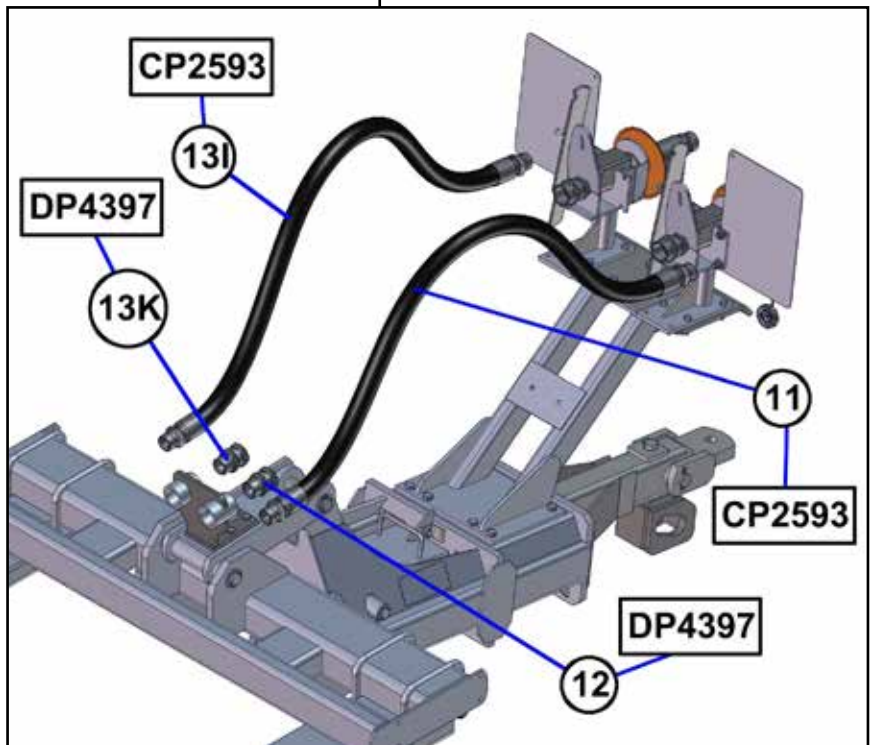
Task	Procedures	Illustrations
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► SuperShooter dual assembly

5. Mount (13G) (CM2313) 1-1/4" double coupler bracket to nurse tank linkage with (13E) (BP3005) 3/8" x 1-1/2", grade 5, hex cap screws. Secure with (13D) (BP3002) 3/8" lock washers and (13C) (BP3001) 3/8" hex nuts.



6. Install (12) (13K) (DP4397) 1-1/4" MP x 1-1/4" FP, swivels in double coupler bracket.
7. Attach (11) (13I) (CP2593) 1-1/4" x 64" NH3 hoses between swivels and SuperShooters.



SuperShooter III Add-on Parts 66000136 and 66000137 Dual Assembly

Task

Procedures

Illustrations

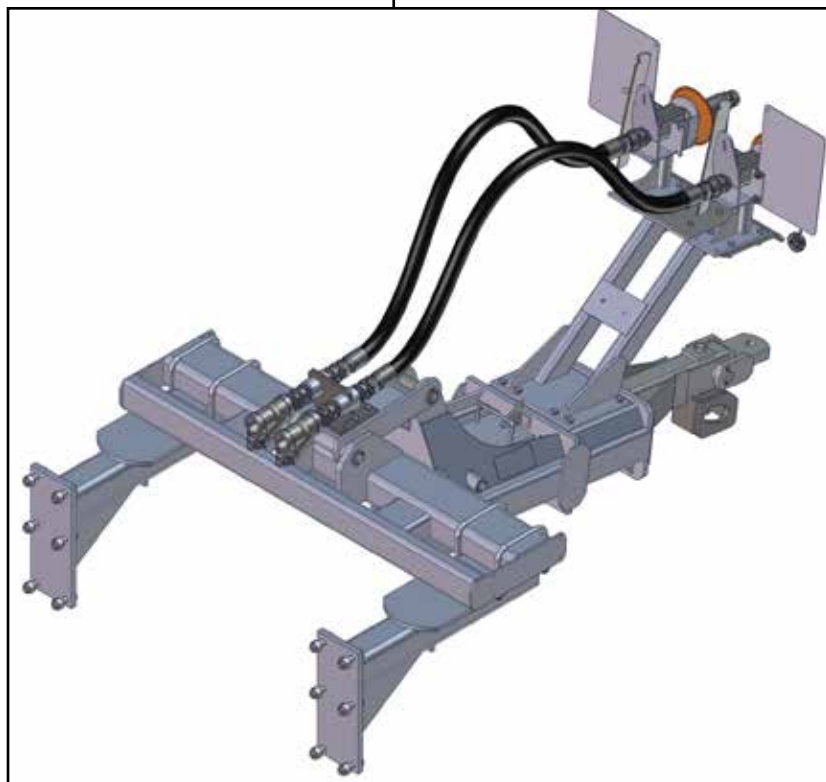
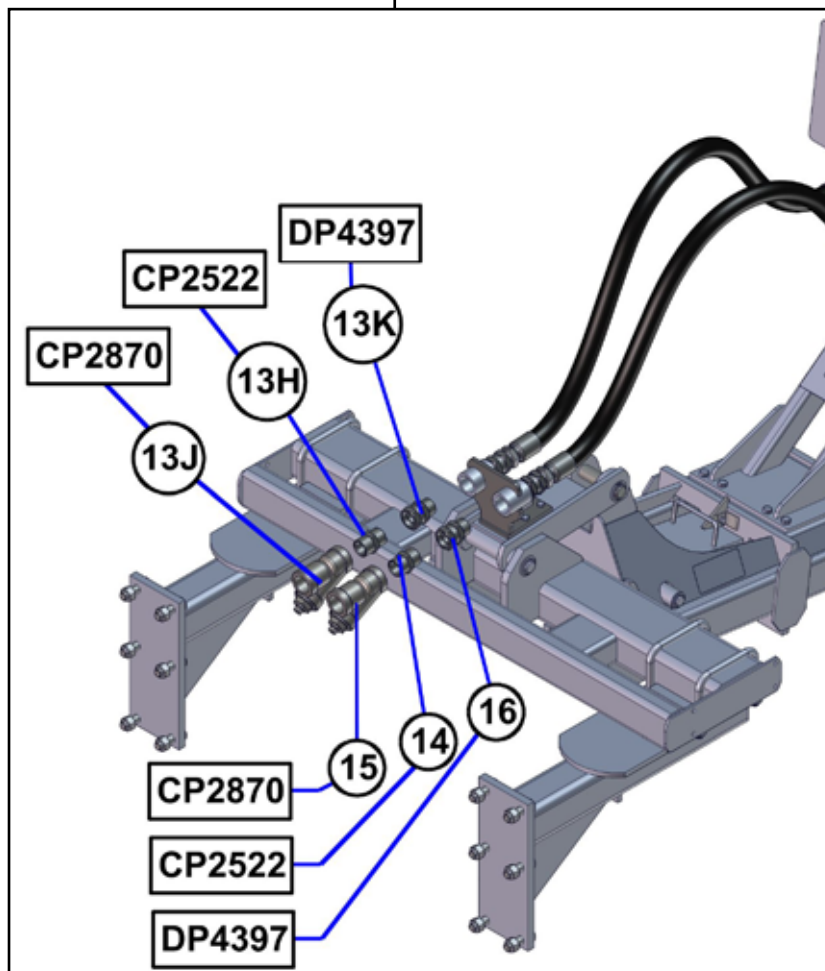


SuperShooter
dual
assembly

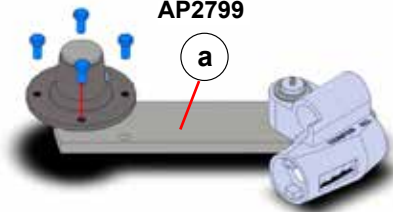
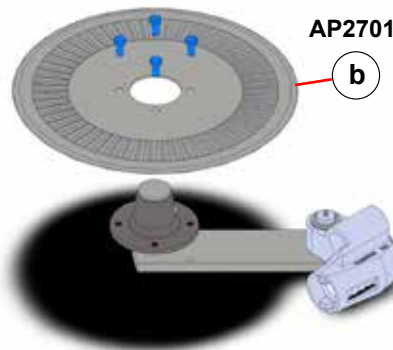
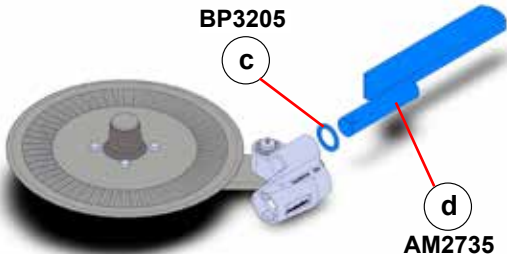
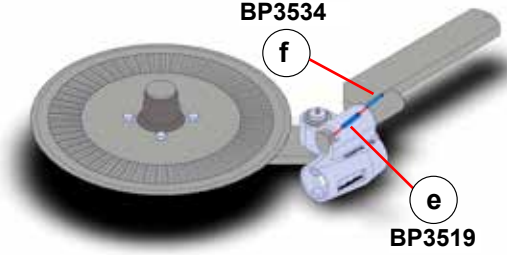
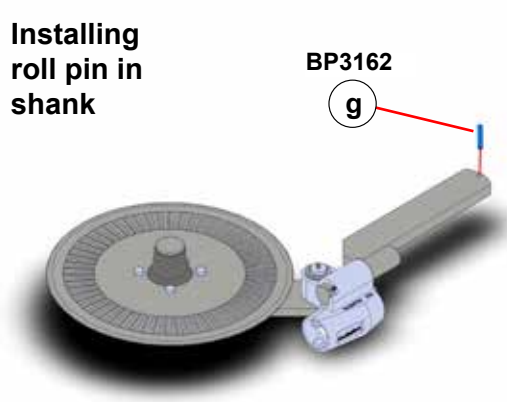
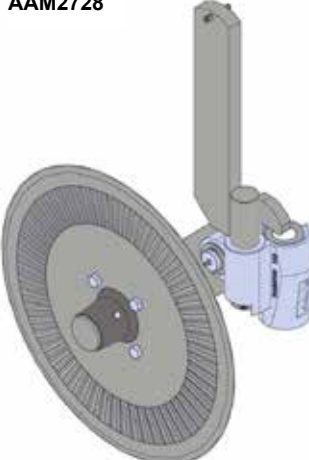
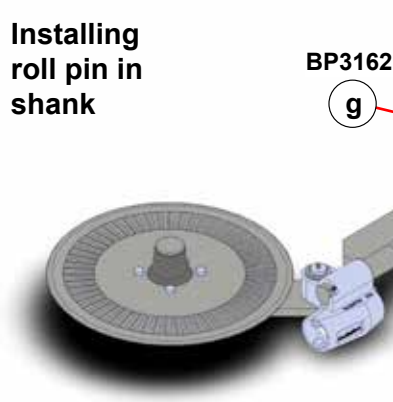
8. Install (16) (13K) (DP4397)
1-1/4" MP x 1-1/4" FP swivel in
double coupler.

Install (14) (13H) (CP2522) 1/14"
NPT, hex nipple to swivel.


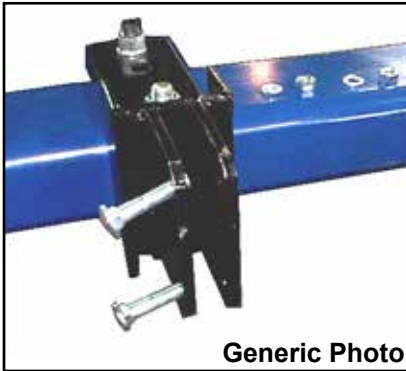
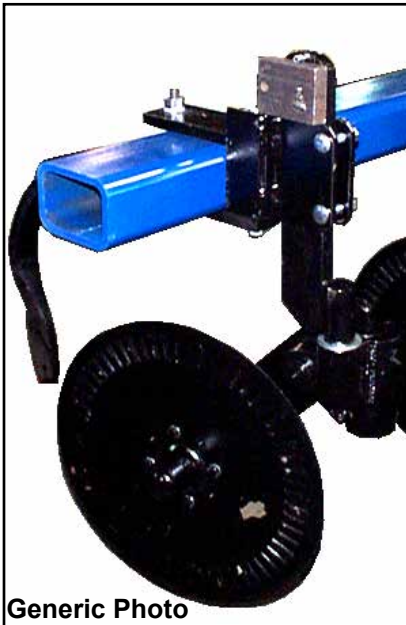


Install (15) (13J) (CP2870)
1-1/4" FPT NH₃ Continental
strainer.


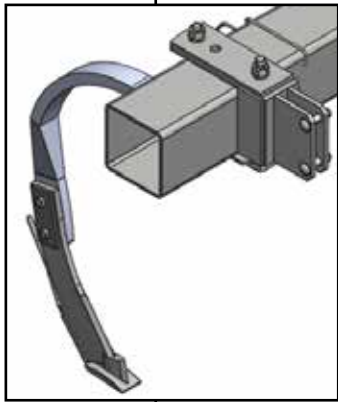
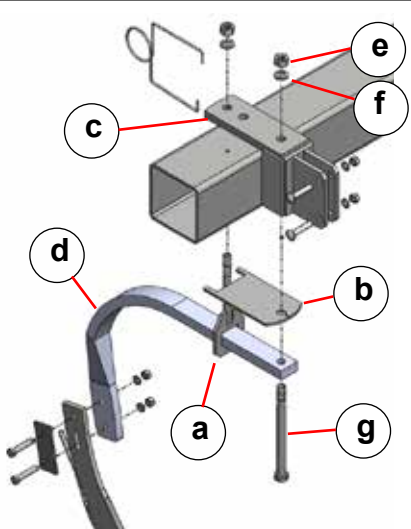
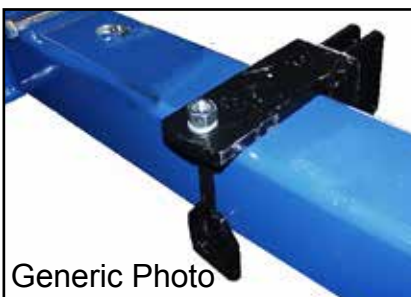

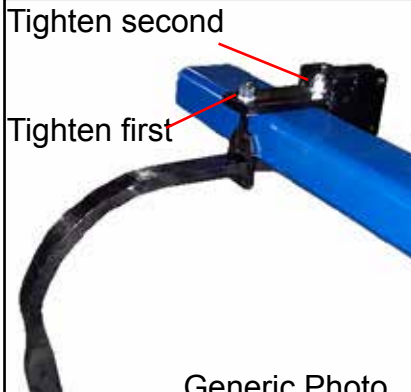


Coulter Assembly

	Task	Procedures	Illustrations
► Preparing coulters for mounting		<ol style="list-style-type: none"> 1. Remove hex cap screws from hub (a) (AM2799) coulters arm with hub and knee casting assembly. 2. Place (b) (AP2701) 20" (51 cm) fluted coulters blade on coulters assembly and replace hex cap screws. 3. Install (c) (BP3205) 2-1/2" (6,4 cm) OD x 1-3/4" (4,5 cm) ID machinery bushing over (d) (AM2735) 16" (41 cm) coulters shank weldment. 4. Insert the 16" (41 cm) coulters shank into coulters assembly. Start (e) (BP3519) 3/8" x 2-1/2" (10 mm x 6,4 cm) roll pin in base of coulters shank. Insert the (f) (BP3534) 7/32" x 2-1/2" (5,1 mm x 6,4 cm) roll pin in the end of the 3/8" (10 mm) roll pin and drive both pins together. Leave an equal amount of pin on each sides of the shank. 5. Install the (g) (BP3162) 3/8" x 2" (10 mm x 5,1 cm) roll pin through the shank weldment top hole. 	    
		AAM2728 Super 1200 coulters 1 row	Installing roll pin in shank 

Coulter Mounting

Task	Procedures	Illustrations
<p>▶ Mounting coulter assembly</p> <p>▶ NOTE: Coulter will require final working depth adjustment in the field.</p> 	<p>6. Insert two (BP3229) 1/2" x 2-1/2" carriage bolts in shank assembly.</p> <p>7. Install coulter assembly in bracket slot. Let coulter shank rest on top roll pin. Insert top carriage bolt. Push coulter shank into bracket and insert bottom carriage bolt. Place (BP3043) 1/2" lock washer and (BP3042) 1/2" hex nut on each carriage bolt.</p> <p>8. Raise coulter shank up and install a 4" spacer block under roll pin. This is a starting point.</p> <p>9. Tighten 1/2" hex nuts and remove spacer block.</p> <p>10. The same steps are use to mount coulter assembly on SCS spring cushion flat-back bracket.</p>	 <p>Generic Photo</p>  <p>Generic Photo</p>  <p>Generic Photo</p>
	 <p>Generic Photo</p>	

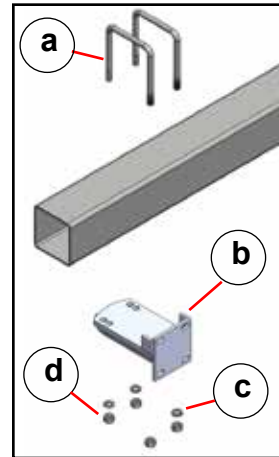
	Shank Assembly and Mounting		
	Task	Procedures	Illustrations
<p>► 1" x 2" flat shank parts</p> 		<p>1. a. AM2148 1 Clamp, square hole 6" mounting, coil & flat</p> <p>b. AM2188 1 Backing plate</p> <p>c. AM2742 1 Bracket, universal coupler 6"</p> <p>d. AP2063 1 1" x 2" flat shank</p> <p>e. BP3034 2 Nut, hex, 3/4"-10, grade 2, plated</p> <p>f. BP3035 2 Washer, lock 3/4", plated</p> <p>g. BP3578 1 Hex, cap screw, 3/4"-10 x 9-1/2" grade 5 plated</p>	
<p>► Mounting 1" x 2" flat shank</p> <p>► NOTE: The flat side of the square hole clamp must face the tube</p>		<p>2. Center (c) (AM2742) universal bracket on row spacing marks. Insert (a) (AM2148) square hole clamp through rear hole in universal bracket. Place (f) (BP3035) 3/4" lock washer and (e) (BP3034) 3/4" hex nut on square hole clamp threads.</p> <p>3. Insert (d) (AP2063) 1" x 2" flat shank into square hole clamp until shank hole aligns with universal bracket top hole. Place (b) (AM2188) backing plate on shank. Insert (g) (BP3578) 3/4" x 9-1/2" hex cap screw from the bottom. Place (f) (BP3035) 3/4" lock washer and (e) (BP3034) 3/4" hex nut on hex cap screw.</p>	 <p>Generic Photo</p>  <p>Generic Photo</p>
<p>► NOTE: Check bracket fit. Brackets should fit flat against the tube</p> <p>► NOTE: No threads in shear area when attaching knives</p>		<p>4. Snug-up the square hole clamp hex nut first. Tighten the hex cap screw hex nut next. Check both hex nuts for tightness.</p>	 <p>Tighten second</p> <p>Tighten first</p> <p>Generic Photo</p>

Shank Assembly and Mounting

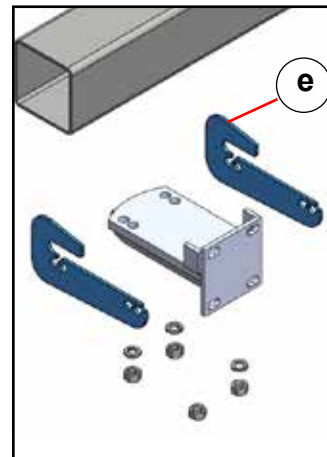


EdgeBent shank parts

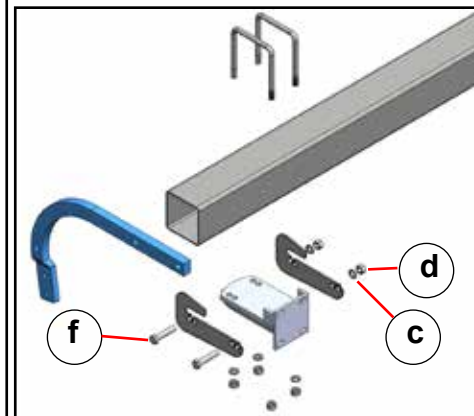
1. Place (a) (BP3350) 3/4" x 7-7/16" u-bolts over tube. Raise (b) (AM4893) Edge Bent shank rigid mount bracket over the u-bolts. Secure with (c) (BP3035) 3/4" lock washers and (d) (BP3034) 3/4" hex nuts.



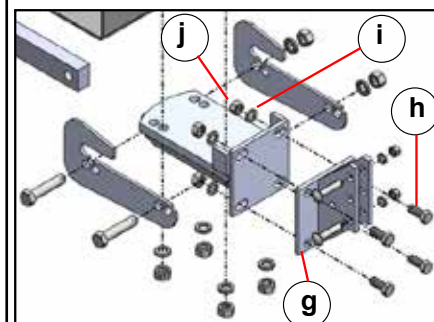
2. Slide (e) (AM4891) anti-rotation braces next to bottom weldment.



3. Insert two (f) (BP3142) 3/4" x 3-1/2" hex cap screw through anti-rotation plates and shank. Secure with (c) (BP3035) 3/4" lock washers and (d) (BP3034) 3/4" hex nuts.


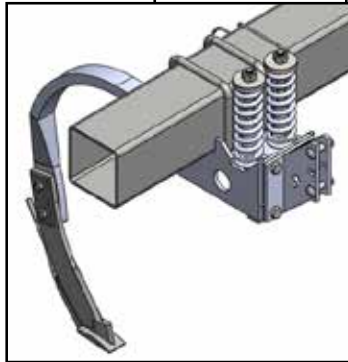
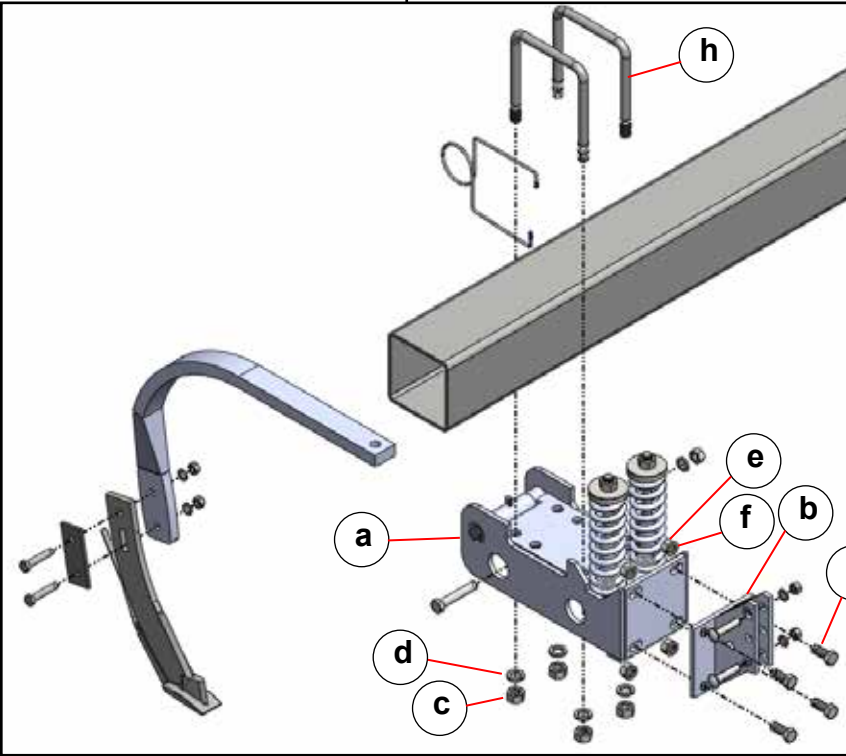

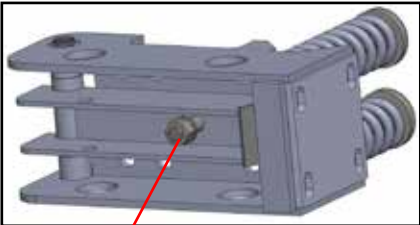


4. Attach (g) (AM4772) flatback coulter bracket with (h) (BP3097) 5/8" x 1-1/2" hex cap screws, (i) (BP3039) 5/8" lock washers and (j) (BP3038) 5/8" hex nuts.

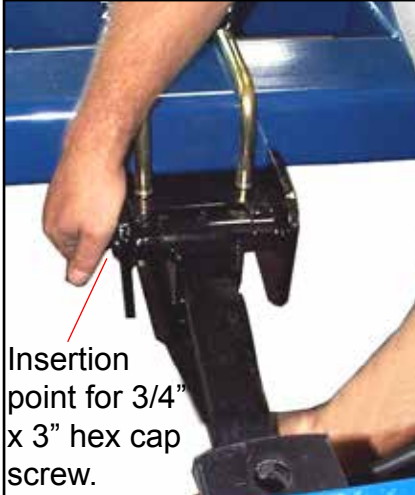
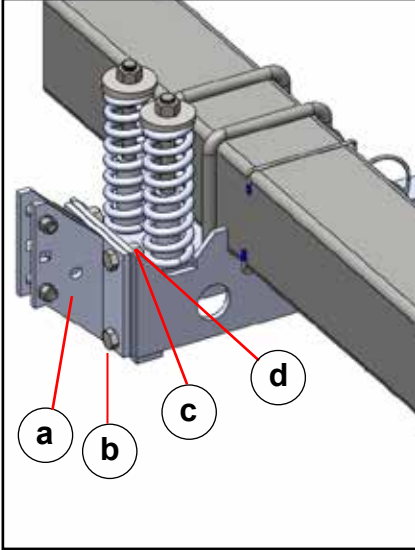
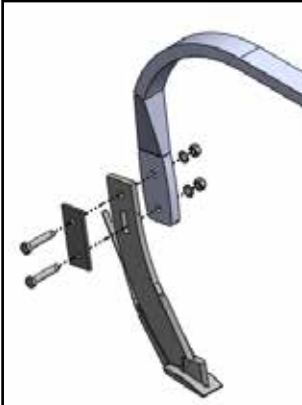



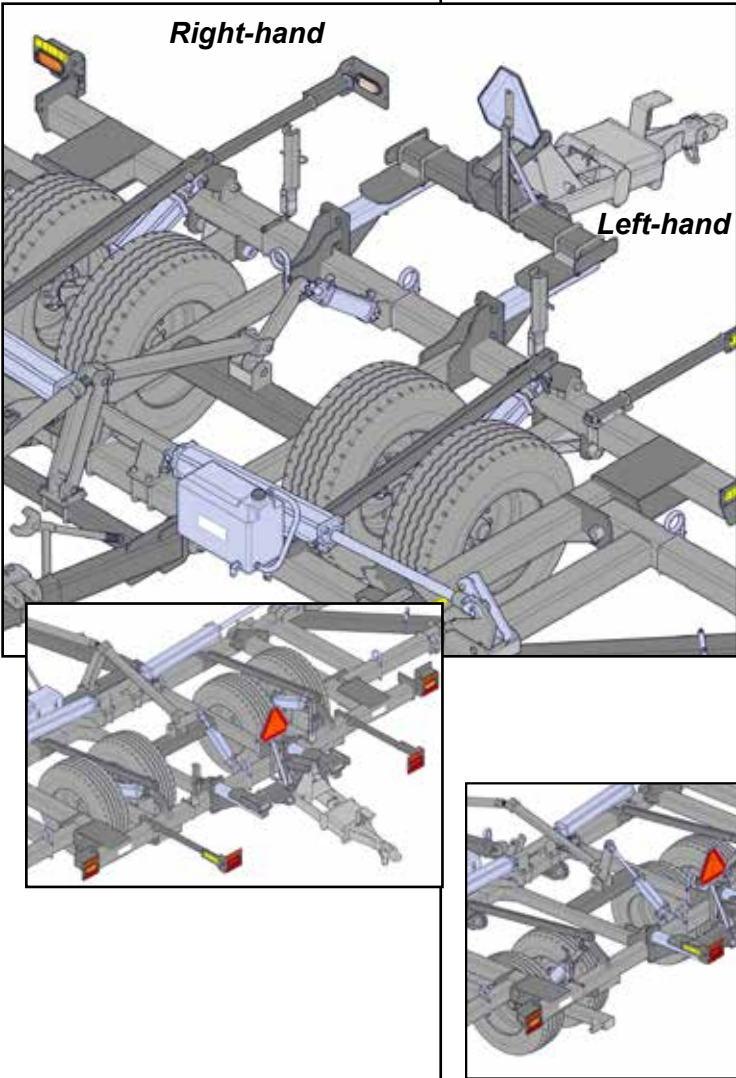
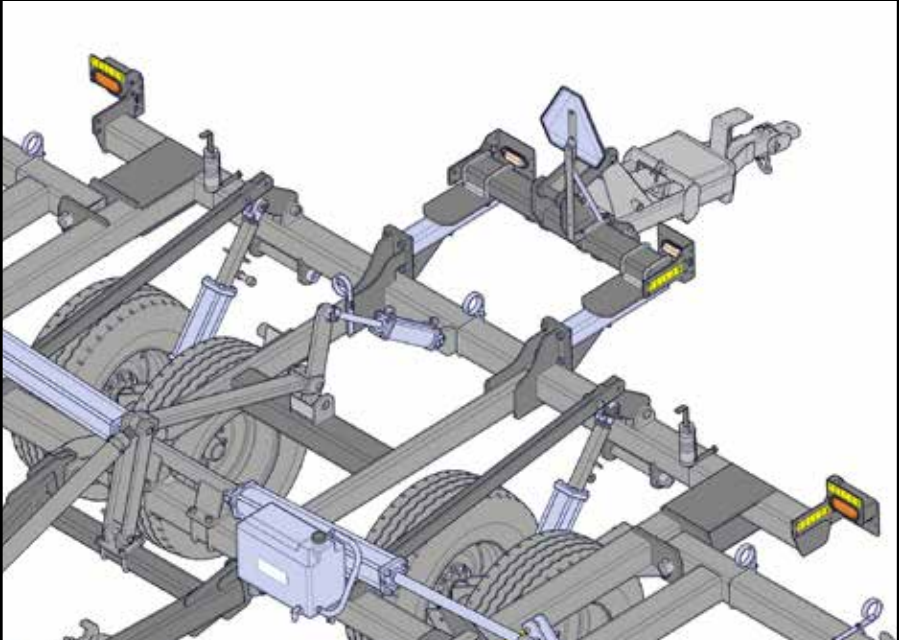
NOTE:
No threads
in shear
area when
attaching
knives



	SCS 2100 Spring Cushion Assembly and Mounting		
	Task	Procedures	Illustrations
<p>► SCS 2100 flat spring cushion</p> 	SCS 2100 flat spring cushion	1. SCS 2100 flat spring cushion with coultter parts:	
<p>► NOTE: No threads in shear area when attaching knives</p>			 <p>a. AM2189 1 Spring bundle base assembly b. AM2699 1 Bracket, spring bundle flatback, 4' x 6" c. BP3034 4 Hex, nut 3/4"-10 plated d. BP3035 4 Washer, lock 3/4" e. BP3038 4 Nut, hex, 5/8"-11, grade 2 f. BP3039 4 Washer, lock, 5/8" plated g. BP3097 4 Hex cap screw, 5/8"-11 x 1-1/2", grade 5 plated h. BP3350 2 U-bolt, 3/4"-10 x 6" x 7-7/16", plated</p>
<p>► SCS 2100 flat spring cushion mounting</p>		<p>2. Center on row spacing marks (a) (AM2189) spring bundle base from the bottom on frame. Insert two (h) (BP3350) 3/4"-10 x 6" x 7-7/16" u-bolts into assembly. Secure with four (d) (BP3035) 3/4" lock washers and (c) (BP3034) 3/4" hex nuts.</p> <p>3. Remove hex nut and lock washer at bottom of assembly before mounting shank.</p>	<p>Generic Photo</p>   <p>Hex nut</p>

SCS 2100 Spring Cushion Assembly and Mounting

Task	Procedures	Illustrations
<p>► Installing 1" x 2" flat shank on SCS 2100 flat spring cushion</p>	<p>4. Raise 1" x 2" shank into assembly over 3/4" bolt stub. Replace 3/4" lock washer and hex nut. Insert punch to hold up the rear of shank while the hex nut is installed. Do not tighten until the rear 3/4" hex cap screw is installed.</p> <p>5. Insert (BP3141) 3/4" x 3" hex cap screw through opening in side of assembly weldment into shank weldment. Raise shank and insert hex cap screw under shank. Place (BP3035) 3/4" lock washer and (BP3034) 3/4" hex nut on hex cap screw.</p> <p>6. Tighten front or rear 3/4" hex nuts at this time.</p>	 <p>Punch</p>  <p>Insertion point for 3/4" x 3" hex cap screw.</p>
<p>► Mounting couler bracket</p>	<p>7. Install (a) (AM2699) spring bundle flatback 4 x 6 on front of spring cushion assembly with four (b) (BP3097) 5/8" x 1-1/2" hex cap screws and secure with four (c) (BP3039) 5/8" lock washers and (d) (BP3039) 5/8" hex nuts.</p>	
<p>► NOTE: No threads in shear area when attaching knives</p>		

	<h1>Light Kit Assembly and Mounting</h1>		
	Task	Procedures	Illustrations
<p>► Single nurse tank hitch light kit placement for Legacy 42 ft. Legacy 47 ft.</p> <p>► NOTE: Left-hand and right-hand as viewed from the rear</p>			
<p>► Single nurse tank hitch light kit placement for Legacy 52 ft.</p> <p>NOTE: Consult row spacing layout for light kit placement</p>			

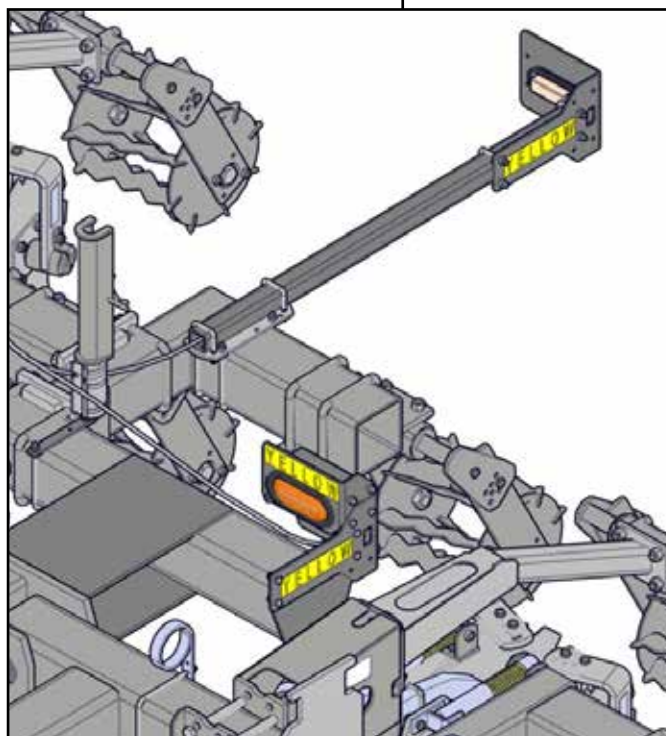
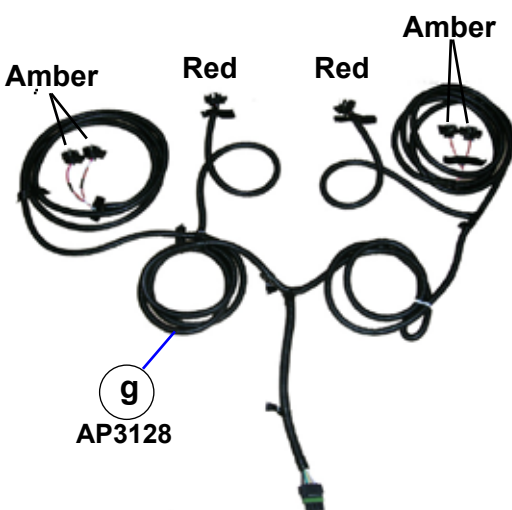
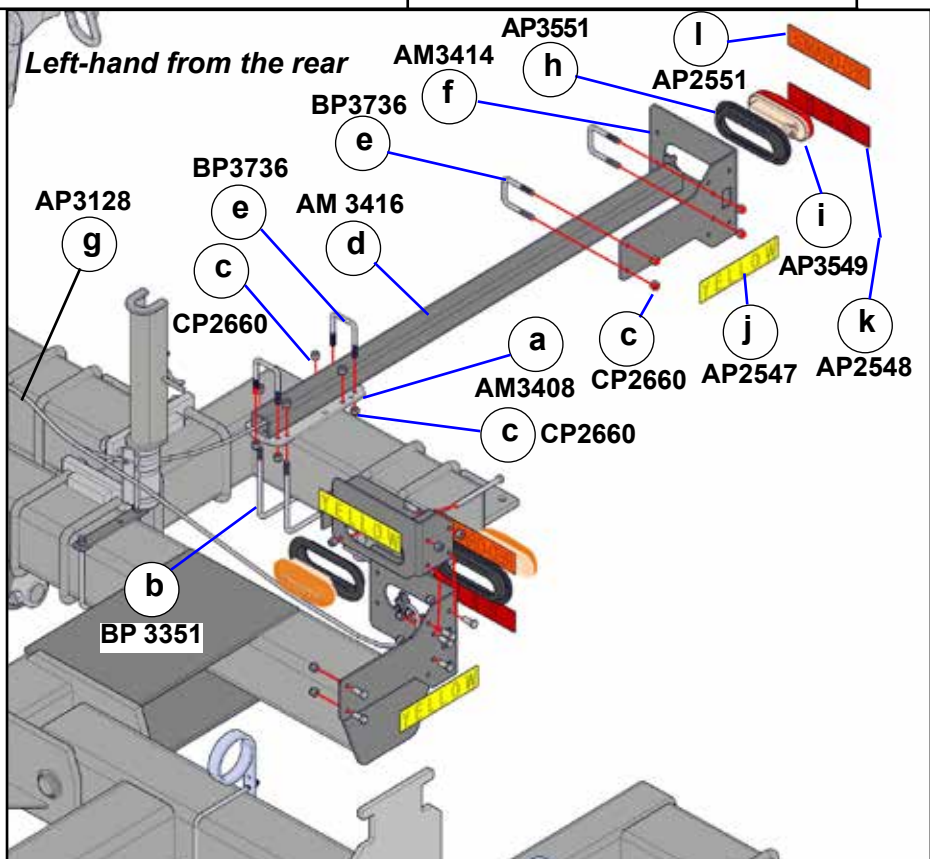
Light Kit Assembly and Mounting

Task

Procedures

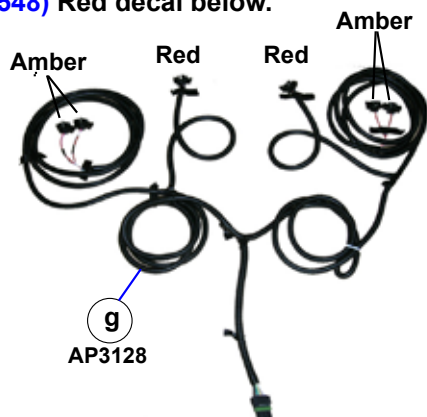
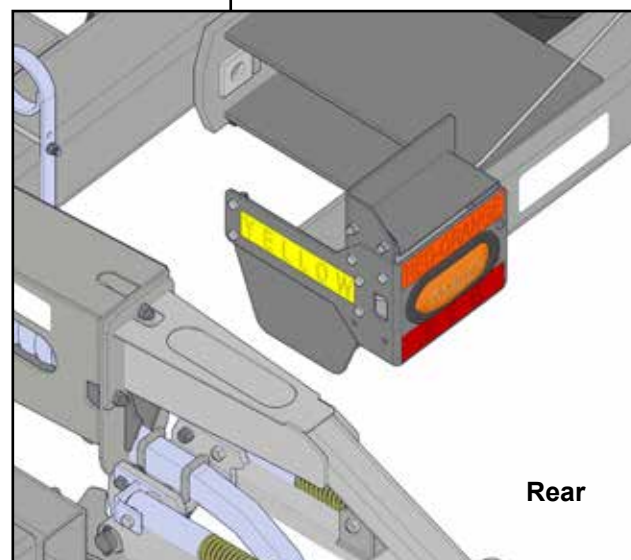
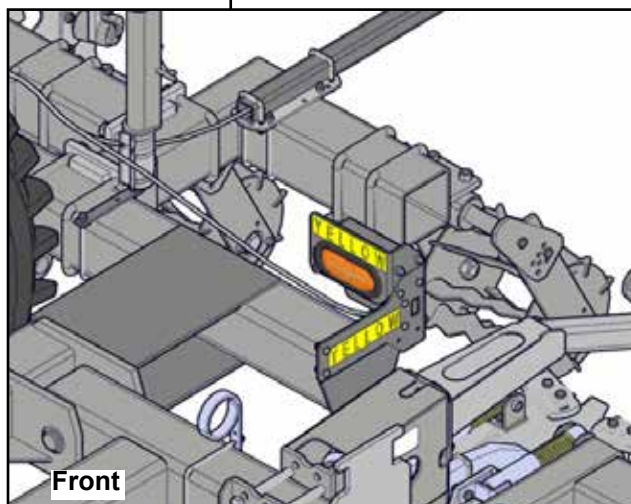
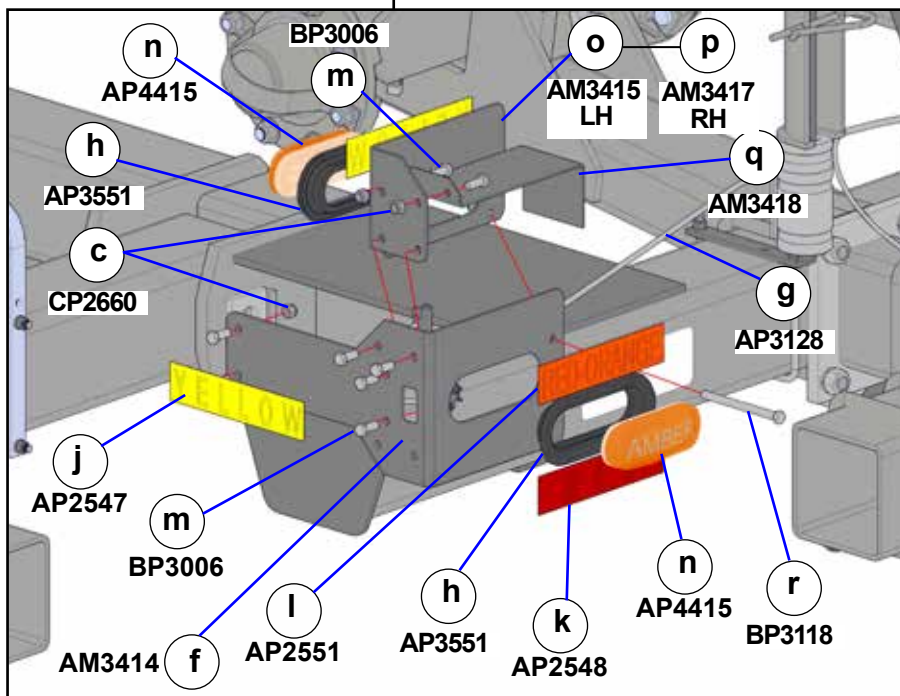
Illustrations

1. Mount (a) (AM3408) 1/4" x 4" x 11-3/16" light post mounting plate with (b) (BP 3351) 3/8" X 6" x 7" u-bolts and (c) (CP2660) 3/8" hex locks, (Nylock).
2. Place (d) (AM3416) 4' 0" light tube bracket on mounting plate. Secure tube with (e) (BP3736) 3/8" x 2" W x 3" L u-bolts and (c) (CP2660) 3/8" hex lock, (Nylock).
3. Insert (g) (AP3128) rear wiring harness into tube.
4. Install (h) (AP3551) oval grommet into (f) (AM3414) rear light bracket. Insert (i) (AP3549) Red oval tail light. Attach wiring harness to Red tail light.
5. Attach (f) (AM3414) rear light bracket with (e) (BP3736) 3/8" x 2" W x 3" L u-bolts and (c) (CP2660) 3/8" hex lock, (Nylock).
6. Install (j) (AP2547) yellow reflector to outside of (f).
7. Place (l) (AP2551) Red-orange decal above red light and (k) (AP2548) Red decal below.



Light Kit Assembly and Mounting

1. Mount (f) (AM3414) rear light bracket to frame side plate with (m) (BP3006) 3/8" x 1" hex cap screws and (c) (CP2660) 3/8" hex lock nuts, (Nylock).
2. Insert (h) (AP3551) oval grommet into (f). Install (n) (AP4415) Amber oval lamp into grommet.
3. Attach (g) (AP3128) connector to (n) (AP4415) Amber oval lamp.
4. Insert (h) (AP3551) oval grommet into (o) (AM3415) front light bracket Left-hand and (p) (AM3417) front light bracket right-hand. Install (n) (AP4415) Amber oval lamps into grommets.
5. Attach (g) (AP3128) connector to (n) (AP4415) Amber oval lamp.
6. Attach front light brackets (o) and (p) assemblies to (f) (AM3414) rear light brackets on both sides with (m) (BP3006) 3/8" x 1" hex cap screws and (c) (CP2660) 3/8" hex lock nuts.
7. Install (q) (AM3418) light shield brackets with (m) (BP3006) 3/8" x 1" hex cap screws and (c) (CP2660) 3/8" hex lock nuts, (Nylock) and (r) (BP3118) 3/8" x 5" hex cap screw.
8. Install (j) (AP2547) yellow reflector to outside of (f) and top of (o).
9. Place (l) (AP2551) Red-orange decal above red light and (k) (AP2548) Red decal below.



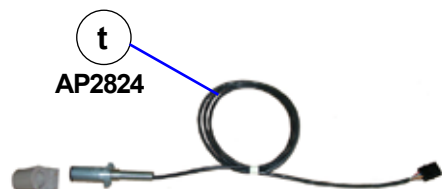
Light Kit Assembly and Mounting

Task

Procedures

Illustrations

1. Extend (g) rear wiring harness from lights to right-hand side from the rear of frame.
2. Attach (s) (AP2828) wiring harness extension to (g). Extend down the right-hand side of the tongue through hose holders.
3. Attach (t) (AP2824) main wiring harness to (s) and extend through hose holder to dust cap.



(g)
AP3128

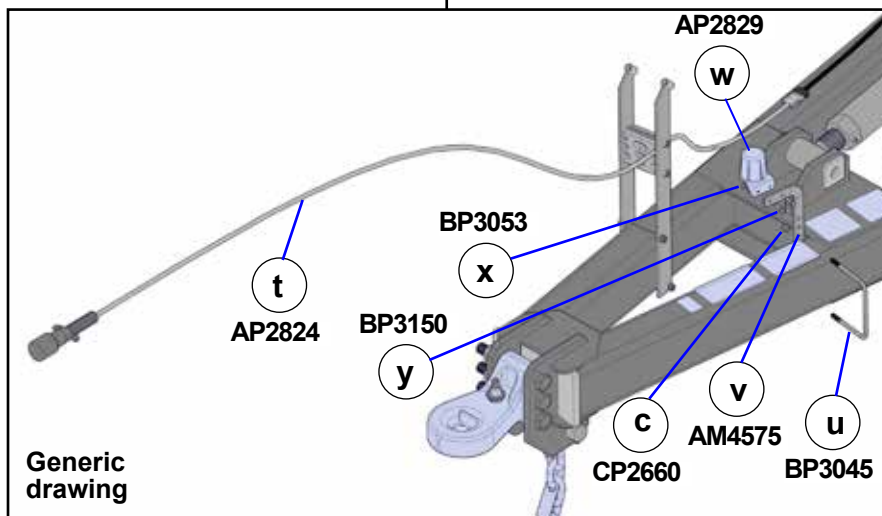
(s)
AP2828

(t)
AP2824

Dust cap

Generic drawing

4. Mount (v) (AM4575) dust cap holder to tongue with (u) (BP3045) 3/8" x 6" W x 5" L u-bolt. Secure with (c) (CP2660) 3/8" hex lock nuts, (Nylock).
5. Attach (w) (AP2829) dust cap to mounting bracket with (y) (BP3150) 1/4" x 1" hex cap screws and (x) (BP3053) 1/4" hex nuts.



Generic drawing

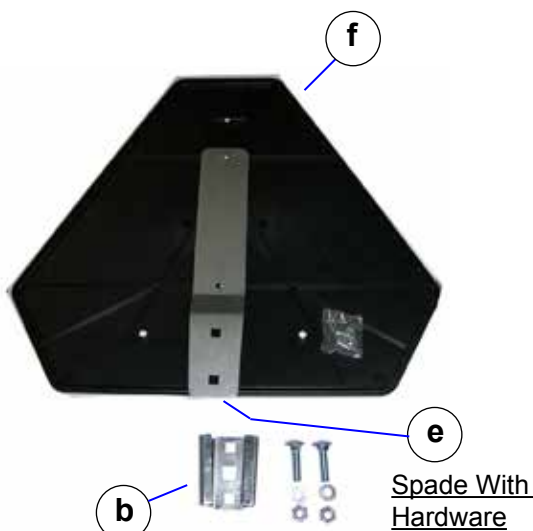
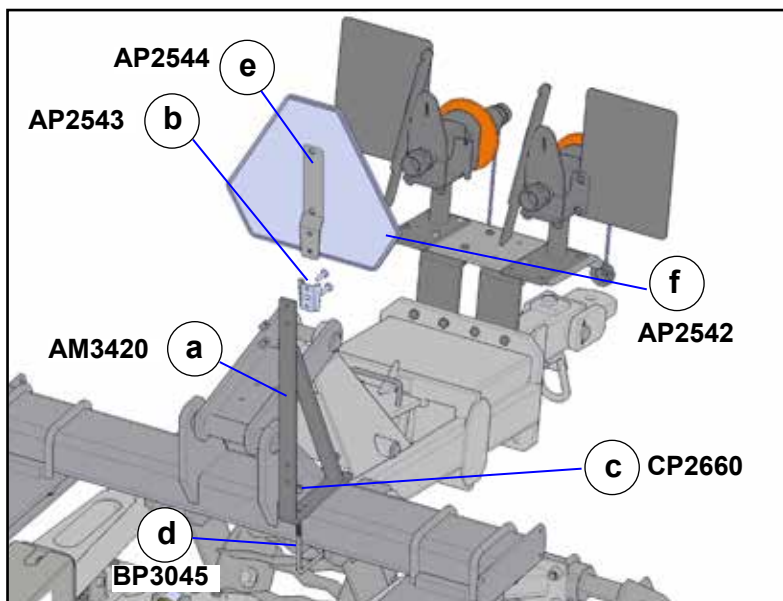
SMV Slow Moving Vehicle Assembly and Mounting

Task

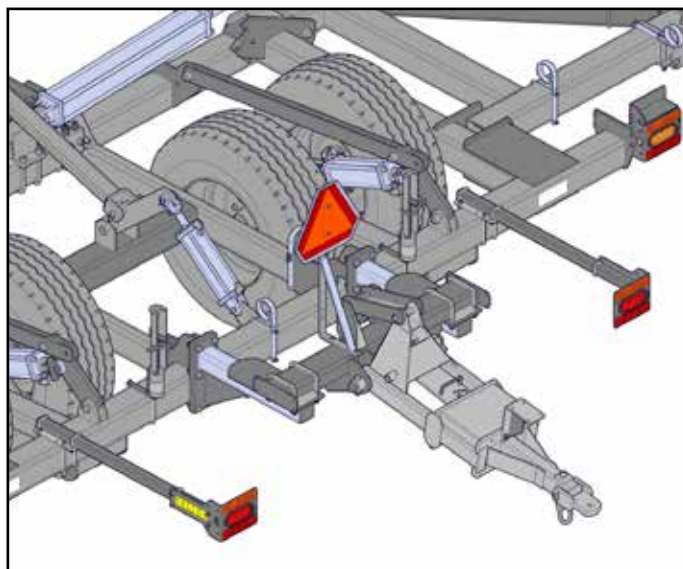
Procedures

Illustrations

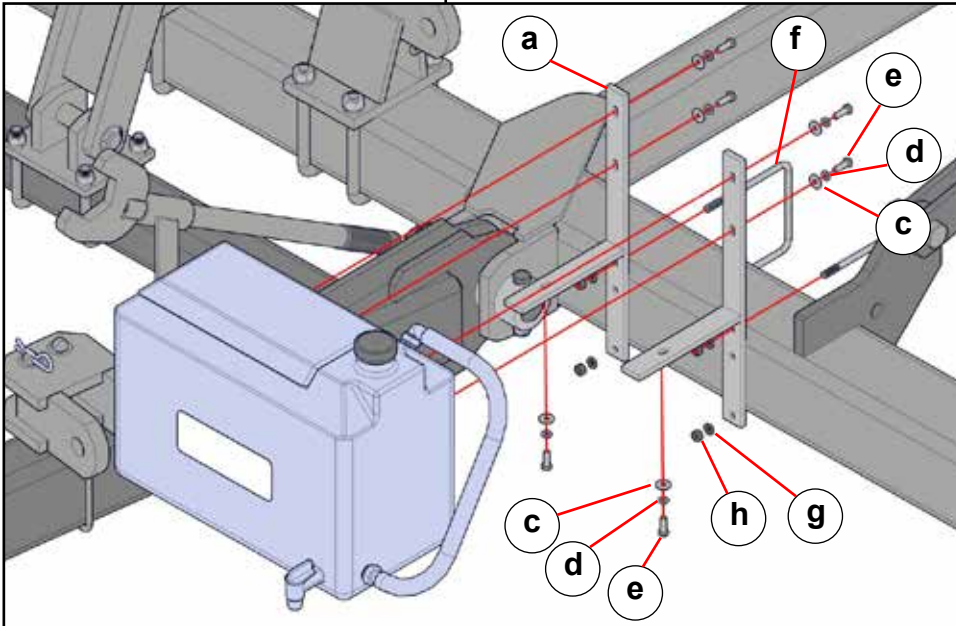

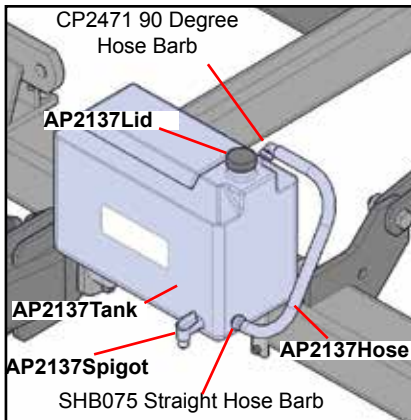
1. a. AM3420 (1) Bracket, SMV mounting tall
 b. AP2543 (1) SMV mounting socket
 c. CP2660 (2) Nut, hex lock, 3/8", Nylock
 d. BP3045 (1) U-bolt, 3/8"-16 x 6W" x 5L", plated
 e. AP2544 (1) SMV mounting spade with hardware
 f. AP2542 (1) SMV sign
2. Mount (a) (AM3420) SMV bracket near center of rear bar with (d) (BP3045) 3/8"-16 x 6" x 5" u-bolt. Secure with (c) (CP2660) hex lock nuts (Nylock)
3. Attach spade to SMV sign with hardware supplied.
4. Secure to Socket with hardware provided.


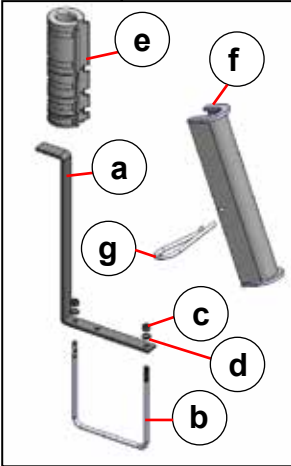
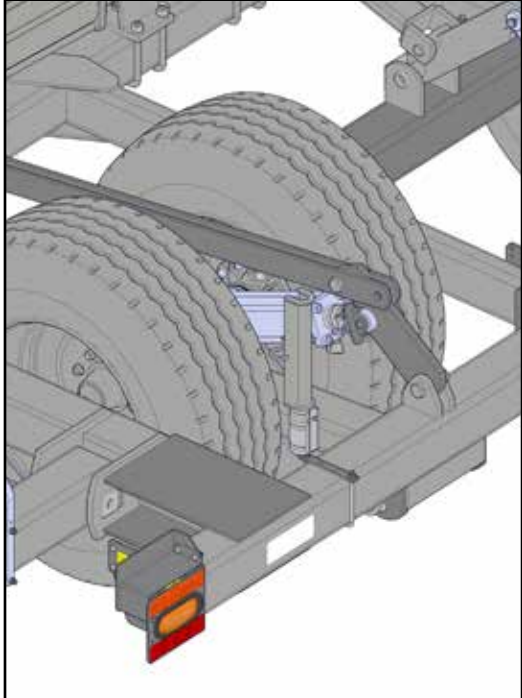



SMV Sign With Hardware



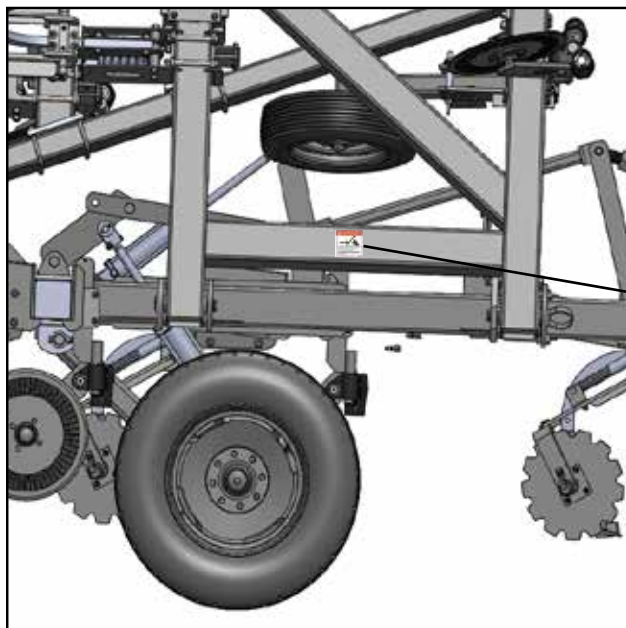
Safety Tank Assembly

Task	Procedures	Illustrations
<p>► Mounting safety tank</p> <p>► NOTE: Mount Safety Tank after machine has been folded to avoid hitting and collapsing tank</p> <p>► NOTE: Safety Tank placement will depend on row spacing</p> <p>► NOTE: Right-hand and left-hand as viewed from the rear</p>	<p>1. Attach two (a) (AM2136) 9 gallon tank mounting brackets to (b) (AP2137) 9 gallon fresh water safety tank with six (c) (BP3159) 5/16" flat washers, (d) (BP3158) 5/16" lock washers and (e) (BP3108) 5/16" x 1" hex cap screws.</p> <p>2. Attach tank on the left-hand side with two (f) (BP3351) 3/8" x 6"W x 7"L u-bolts, Secure with (g) (BP3002) 3/8" lock washers and (h) (BP3001) 3/8" hex nuts.</p> <p>3. Place sealant on tank spigot and install in the front of the tank. Place sealant on hose barbs and install top and bottom. Place hose clamp on clear hose and attach to bottom tank hose barb. <u>The top hose barb does not require a clamp.</u></p>	  

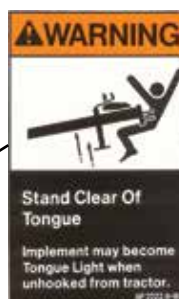
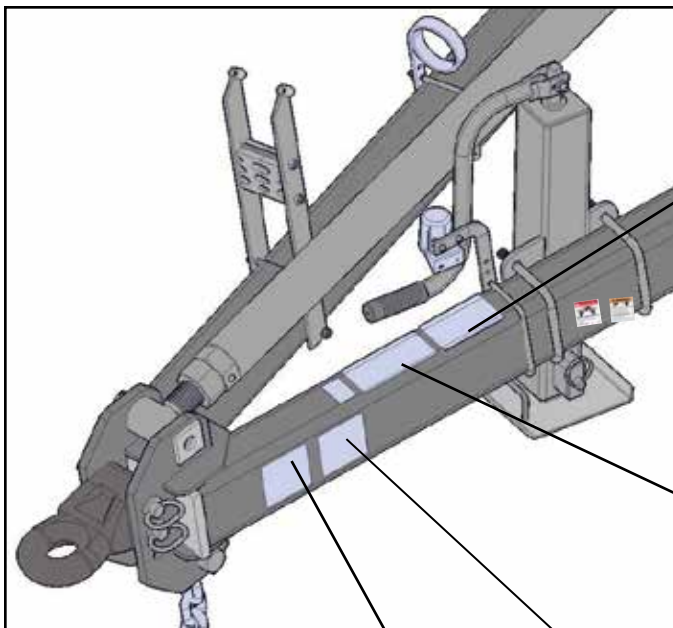
<div>  </div>	<div> <h1>Depth Collar Mounting</h1> </div>		
	Task	Procedures	Illustrations
<div> <h2>▶ Mounting depth collar brackets</h2> </div> <div>  </div>		<div> <ol style="list-style-type: none"> 1. Attach (a) (AM2090) depth collar & storage lockup bracket to rear main frame center section near the wheel lift linkage. Secure with (b) (BP3351) 3/8" x 6" x 7" u-bolt, (d) (BP3002) 3/8" lock washers and (c) (BP3001) 3/8" hex nuts. Place (e) (BP3076) 1-1/4" to 1-1/2" winged depth collar sets, (f) (AM6200) transport cylinder lock, 1-3/8" rod with (g) (BM3520) 5/16" clip pins, on storage brackets. 2. Install (1) (BP3076-4) 1-1/2" x 4-1/4" depth collar on lift cylinder as a starter depth. </div>	<div>  </div> <div>  </div>



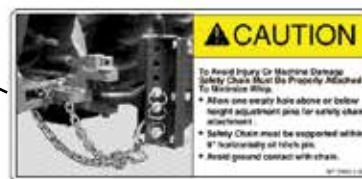
Observe Safety Signs



AP 2234-7-98



AP 2222 8-90



AP 2469-7-98

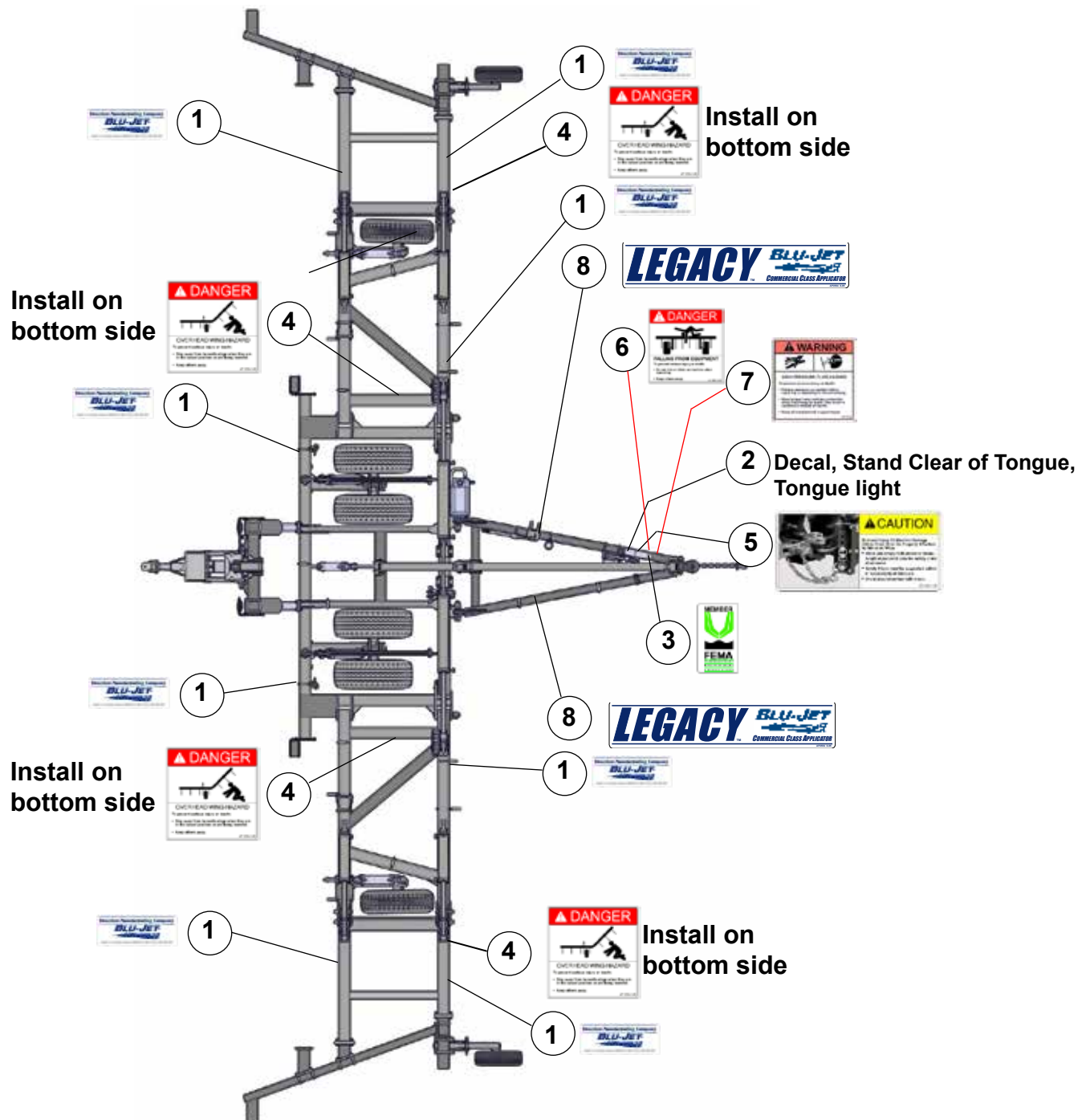


AP 2914



AP 2483-8-98

	Decal Placement		
	Task	Procedures	Illustrations



1.	8	AP 2215	Decal, BLU-JET, 3" x 8"
2.	1	AP 2222	Decal, Stand Clear of Tongue, Tongue light
3.	1	AP 2231	Decal, FEMA, 2-1/2" x 1-1/2"
4.	4	AP 2234	Decal, Danger stand clear falling wing
5.	1	AP 2469	Decal, Safety Chain
6.	1	AP 2483	Decal, Danger, falling from equipment
7.	1	AP 2914	Decal, Warning, high pressure fluid
8.	2	AP 2554	Decal, LEGACY 4.75" x 20.75"

Hydraulic System Charging

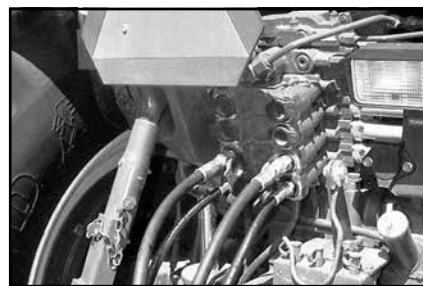


Connecting hydraulic hoses to tractor

CAUTION:

Always hook tool bar to tractor before filling oil lines

1. Connect the hydraulic hoses to the tractor remote couplers. The 1/2" hoses supply oil to the wheel lift cylinders. The 3/8" hoses supply oil to the wing cylinders. Mark hose pairs with paint or tape. Mark hoses so that they are plugged in correctly each time.



Generic example



WARNING: Hydraulic fluid escaping under pressure can have enough force to penetrate the skin. Hydraulic fluid may also infect a minor cut or opening in the skin. If injured by escaping fluid, see doctor at once. Serious infection or reaction can result if medical treatment is not given immediately. Make sure all connections are tight and that hoses and lines are in good condition before applying pressure to the system. Relieve all pressure before disconnecting the lines or performing other work on the hydraulic systems.



Charging and attaching wing cylinders

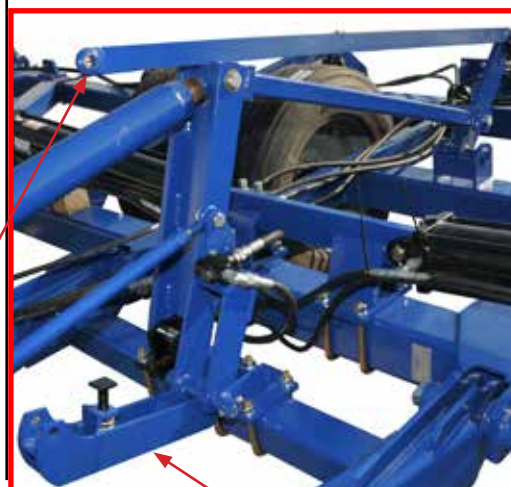
NOTE: Cylinder should be blocked high enough to avoid damage to wings when rods are extend hydraulically

CAUTION:

Always hook tool bar to tractor before filling oil lines

NOTE: Charging a hydraulic system will remove oil from a tractors hydraulic reservoir. Be sure to check tractor oil level after charging a new system

2. Before charging the wing cylinders block rod ends up.
3. Hook implement to tractor. Connect the hydraulic lines to tractor ports.
4. Begin by holding the tractor remote lever in one direction until the cylinders are fully extended or retracted. Hold 1 minute to purge air from lines. Reverse the direction of the remote lever to charge the other side of the system. Hold 1 minute to purge air from lines. Continue process until cylinders are extending and retracting completely.
5. Extend cylinder rod slowly until centered over linkages.
6. Insert clevis pin and secure with cotter keys.
7. Repeat procedure on opposite wing linkage.
8. Repeat steps to charge wheel lift cylinder.



NOTE: Do not attach (41) (AM6266) depth control stop linkage to button stop bracket until the cylinders have been fully charged.

Button stop bracket

Folding Toolbar

Task

Procedures

Illustrations

► Folding toolbar

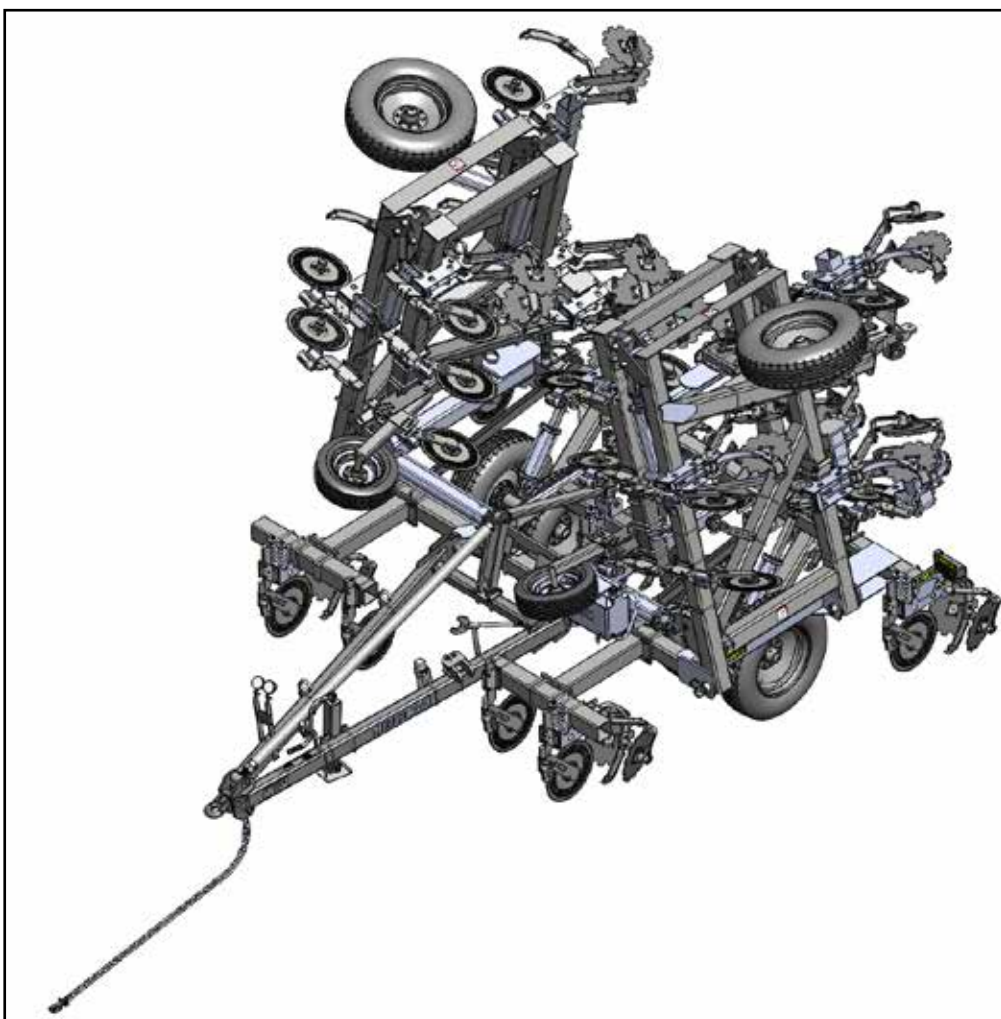


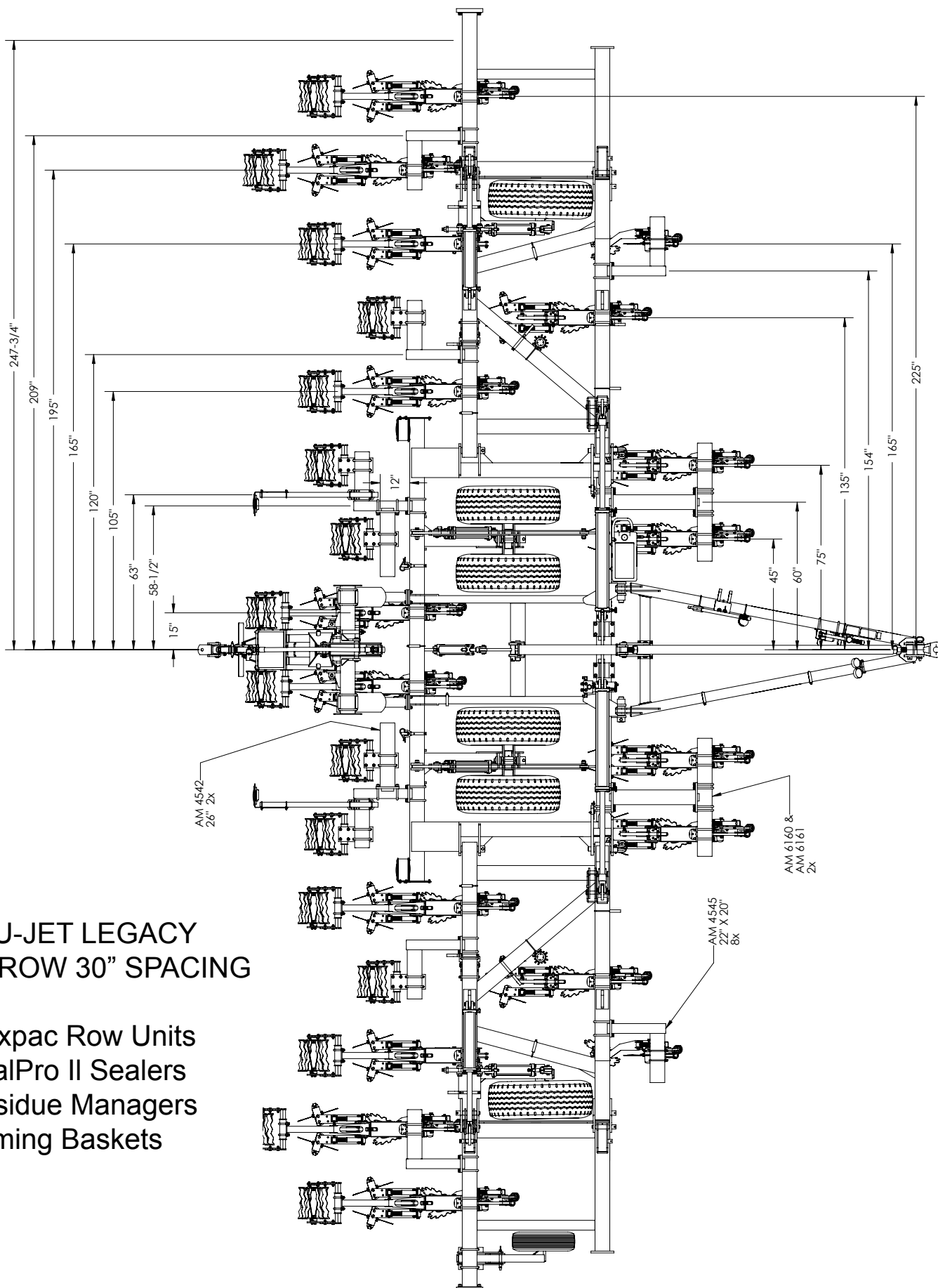
WARNING:
Keep bystanders away during folding operation

1. Fold slowly! Check hoses, fittings and row mountings for crash areas or leaks.



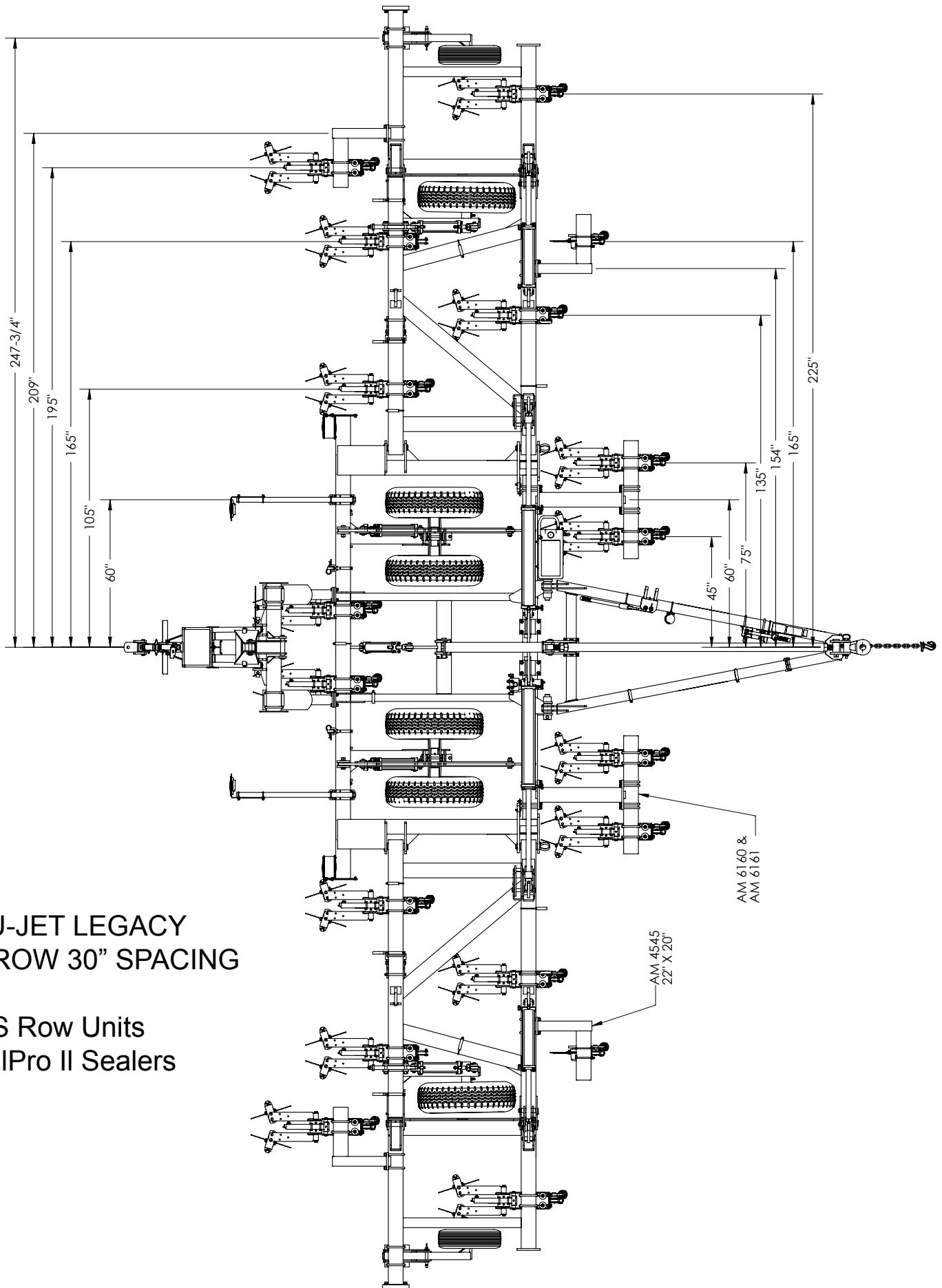
► 21 Row 30" Rows





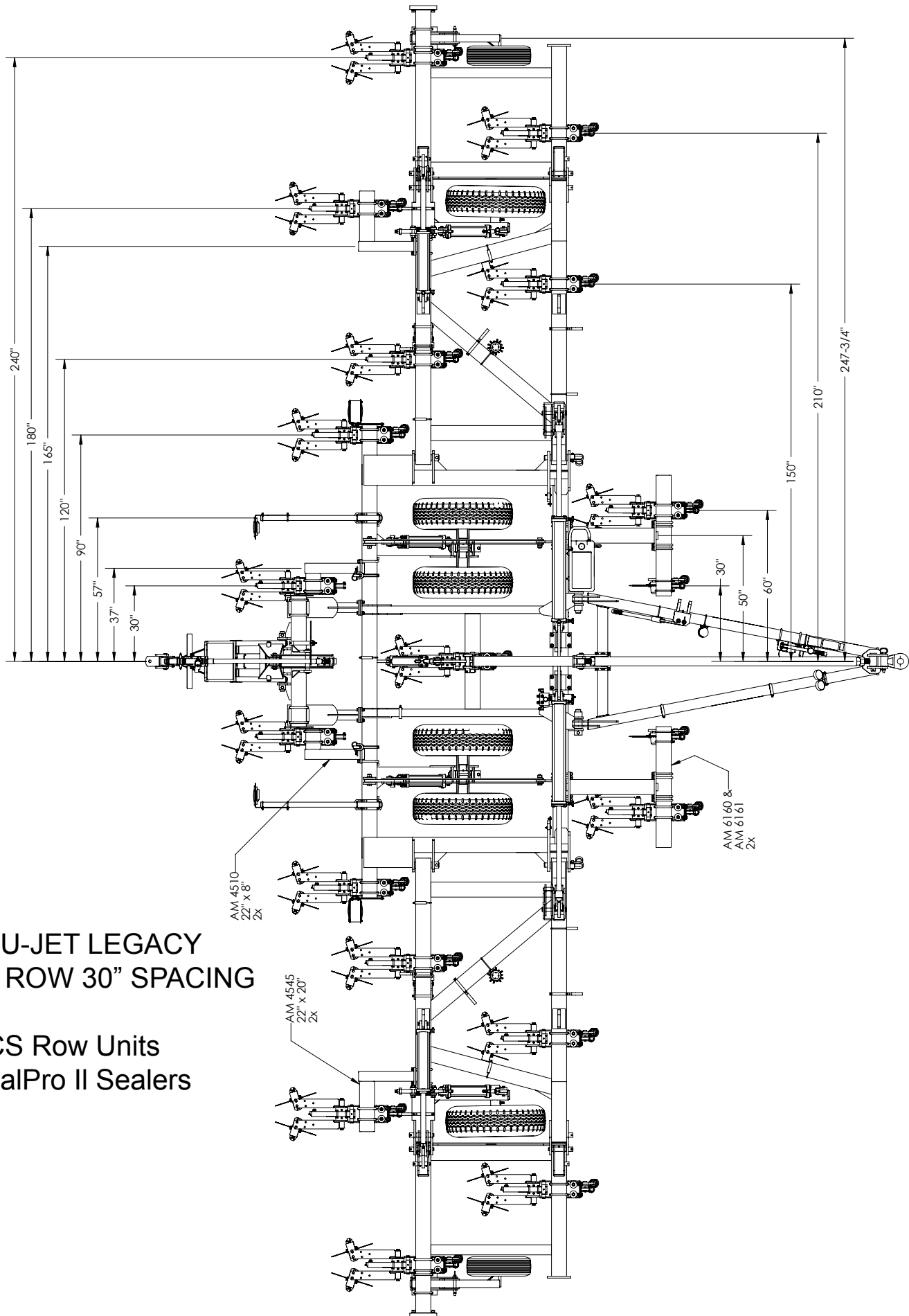
BLU-JET LEGACY 16 ROW 30" SPACING

Maxpac Row Units
SealPro II Sealers
Residue Managers
Firming Baskets



BLU-JET LEGACY
16 ROW 30" SPACING

SCS Row Units
SealPro II Sealers

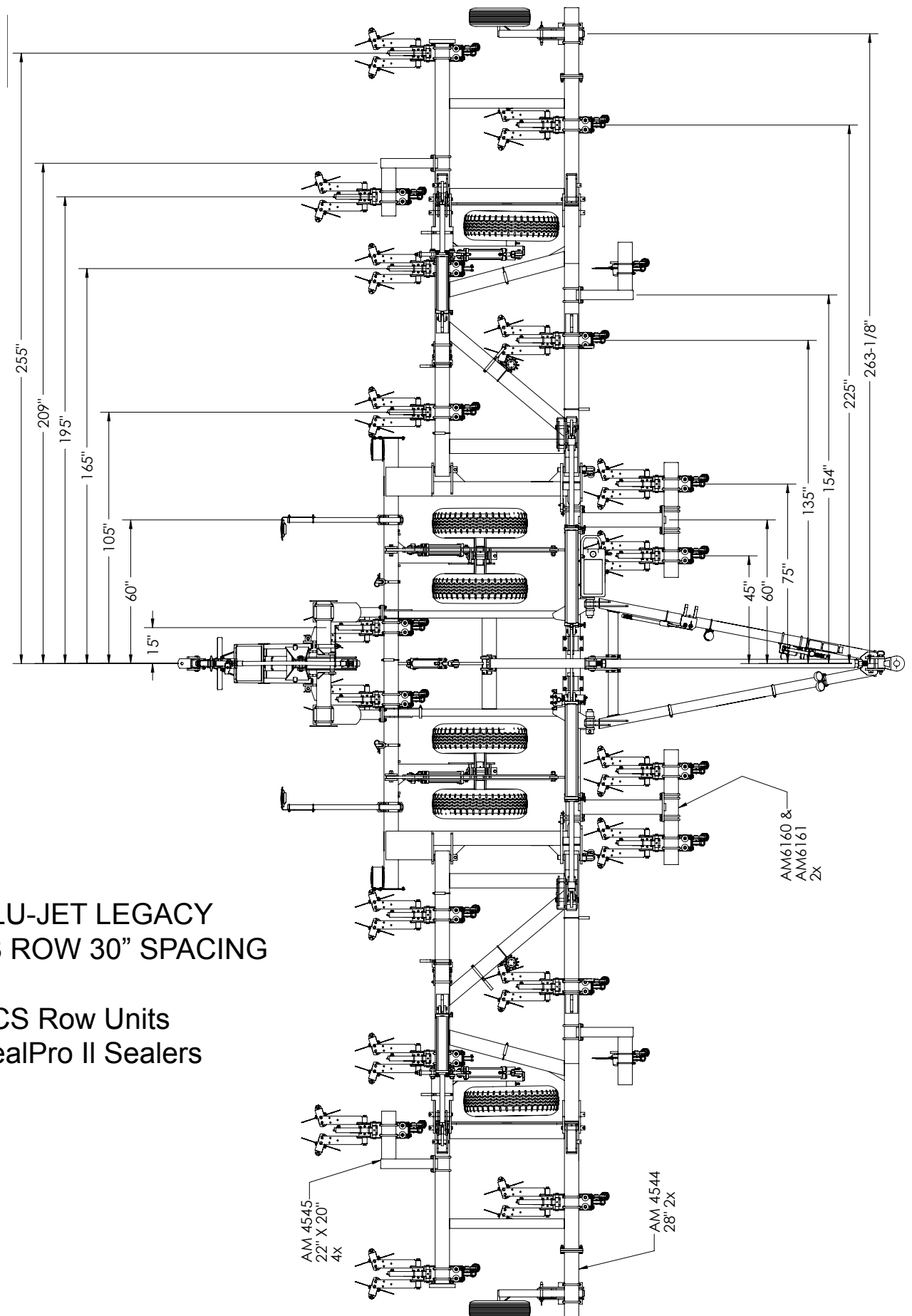


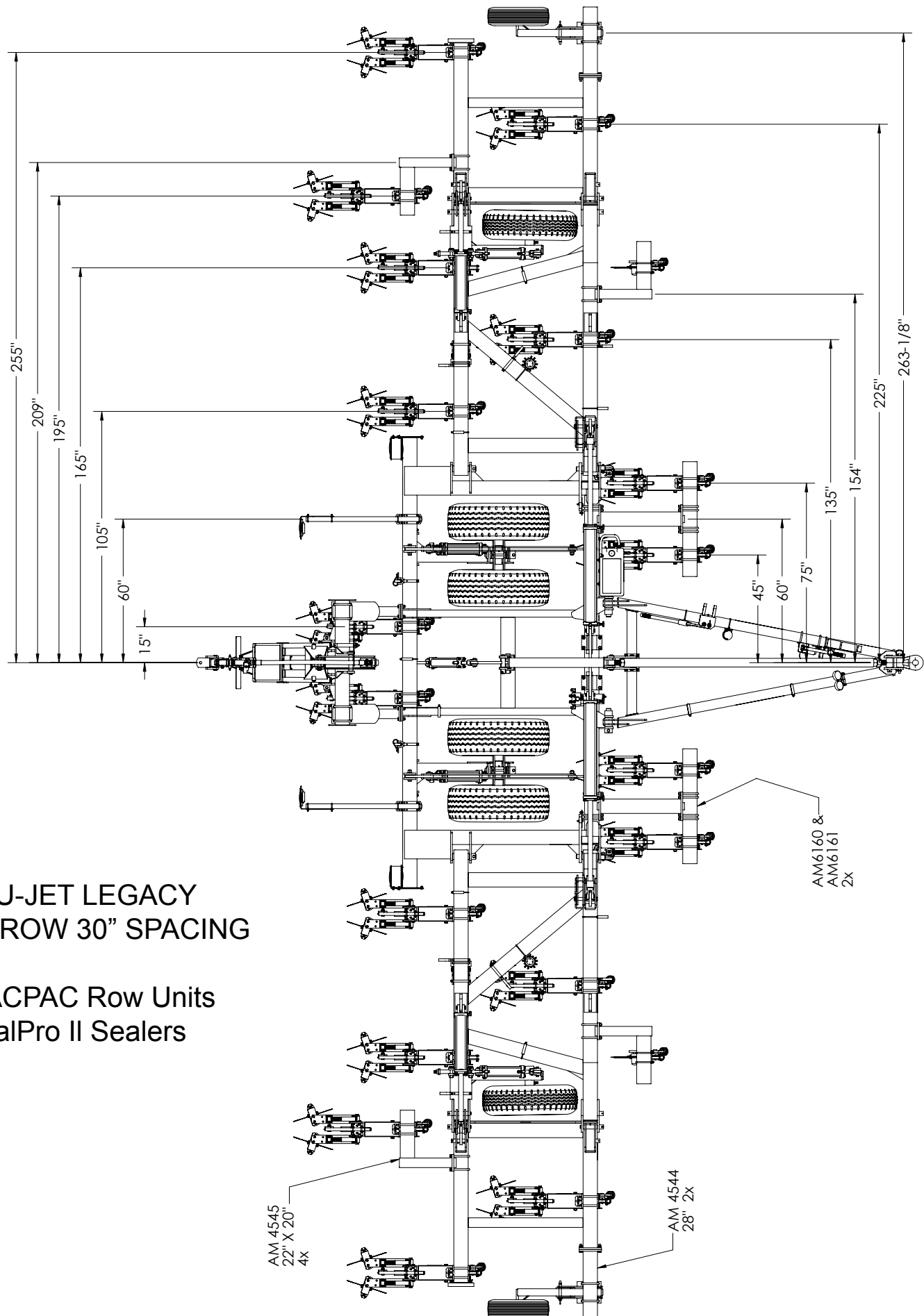
BLU-JET LEGACY
 17 ROW 30" SPACING

 SCS Row Units
 SealPro II Sealers

BLU-JET LEGACY 18 ROW 30" SPACING

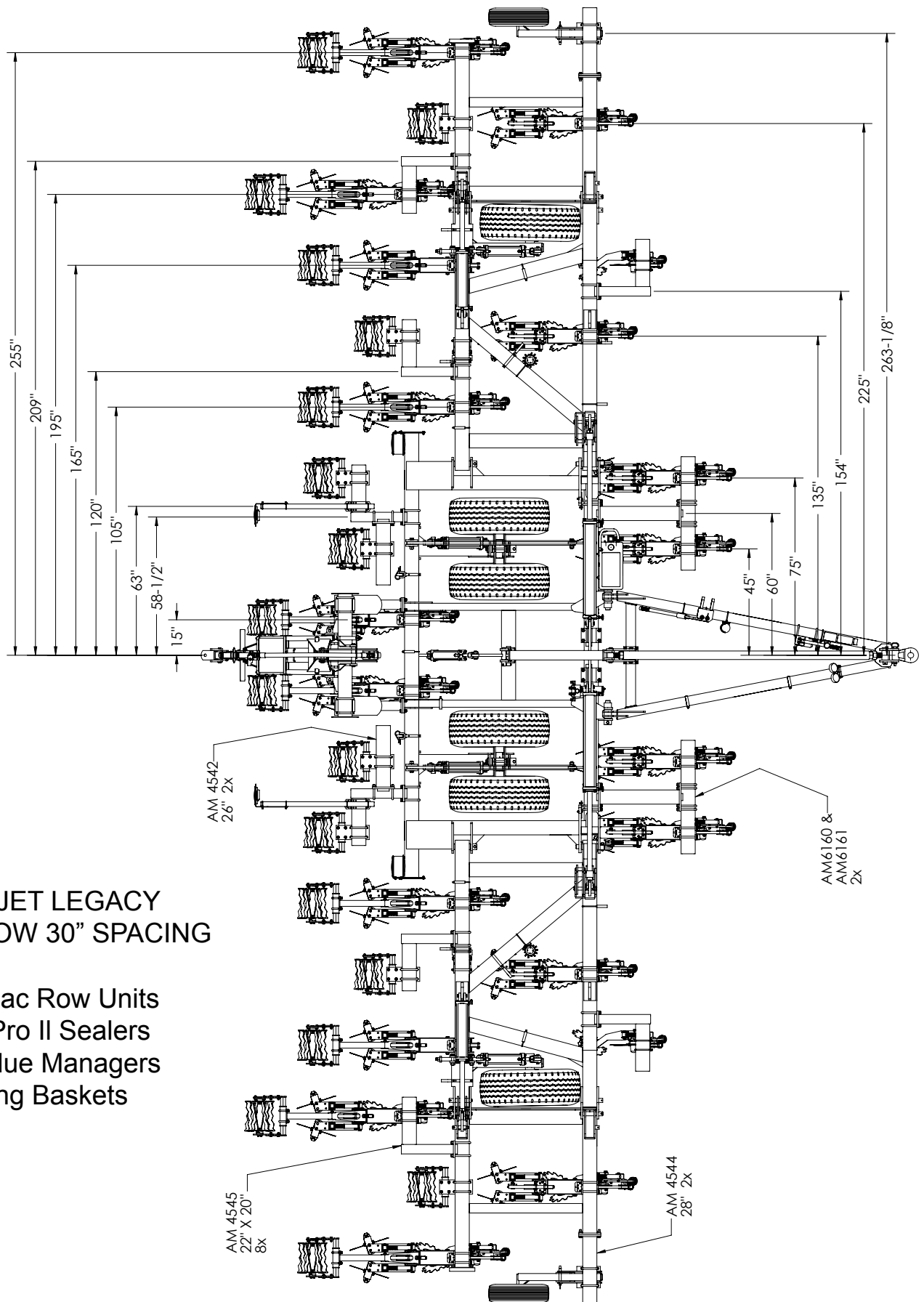
SCS Row Units
SealPro II Sealers





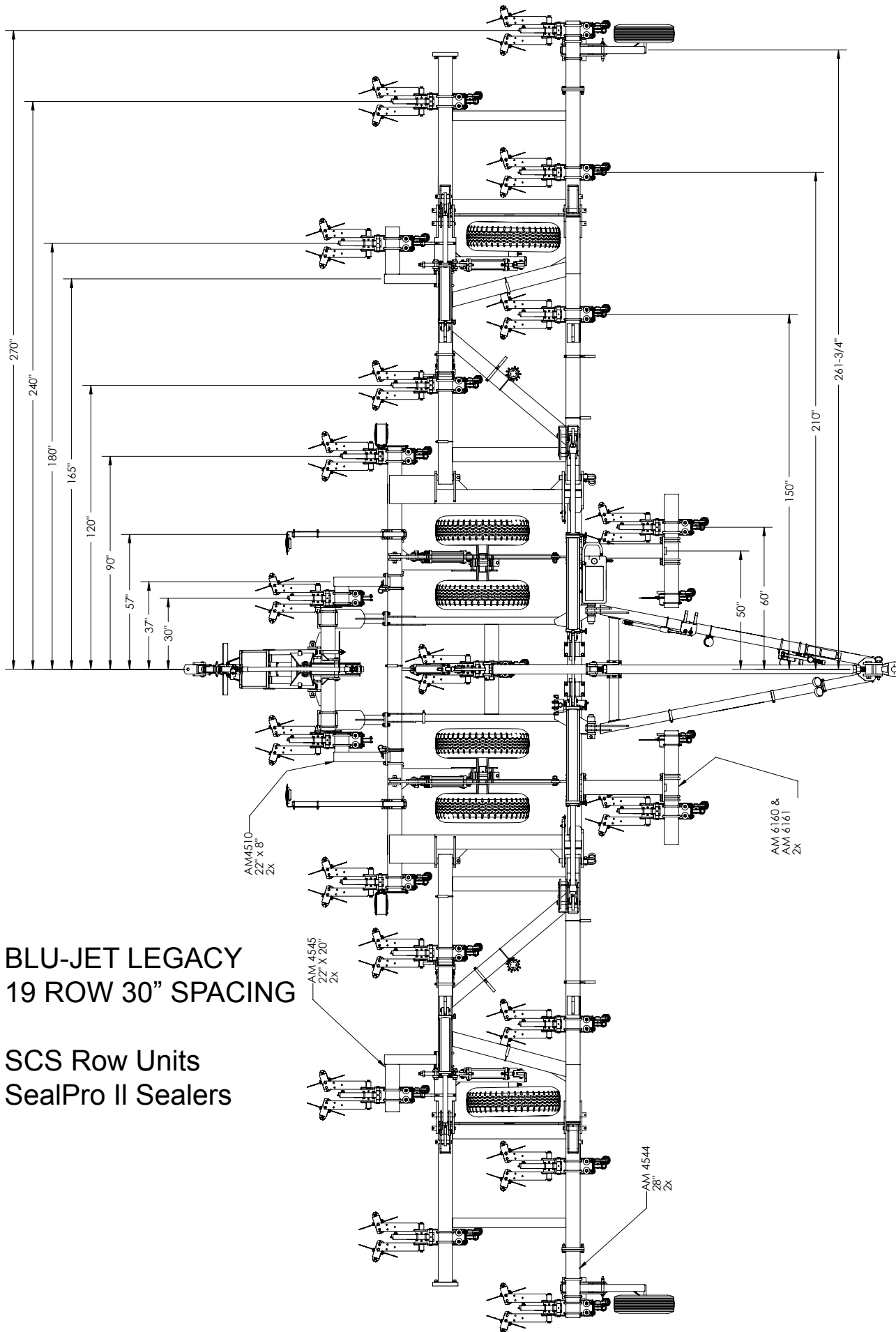
BLU-JET LEGACY 18 ROW 30" SPACING

MACPAC Row Units
SealPro II Sealers



BLU-JET LEGACY 18 ROW 30" SPACING

Maxpac Row Units
SealPro II Sealers
Residue Managers
Firming Baskets

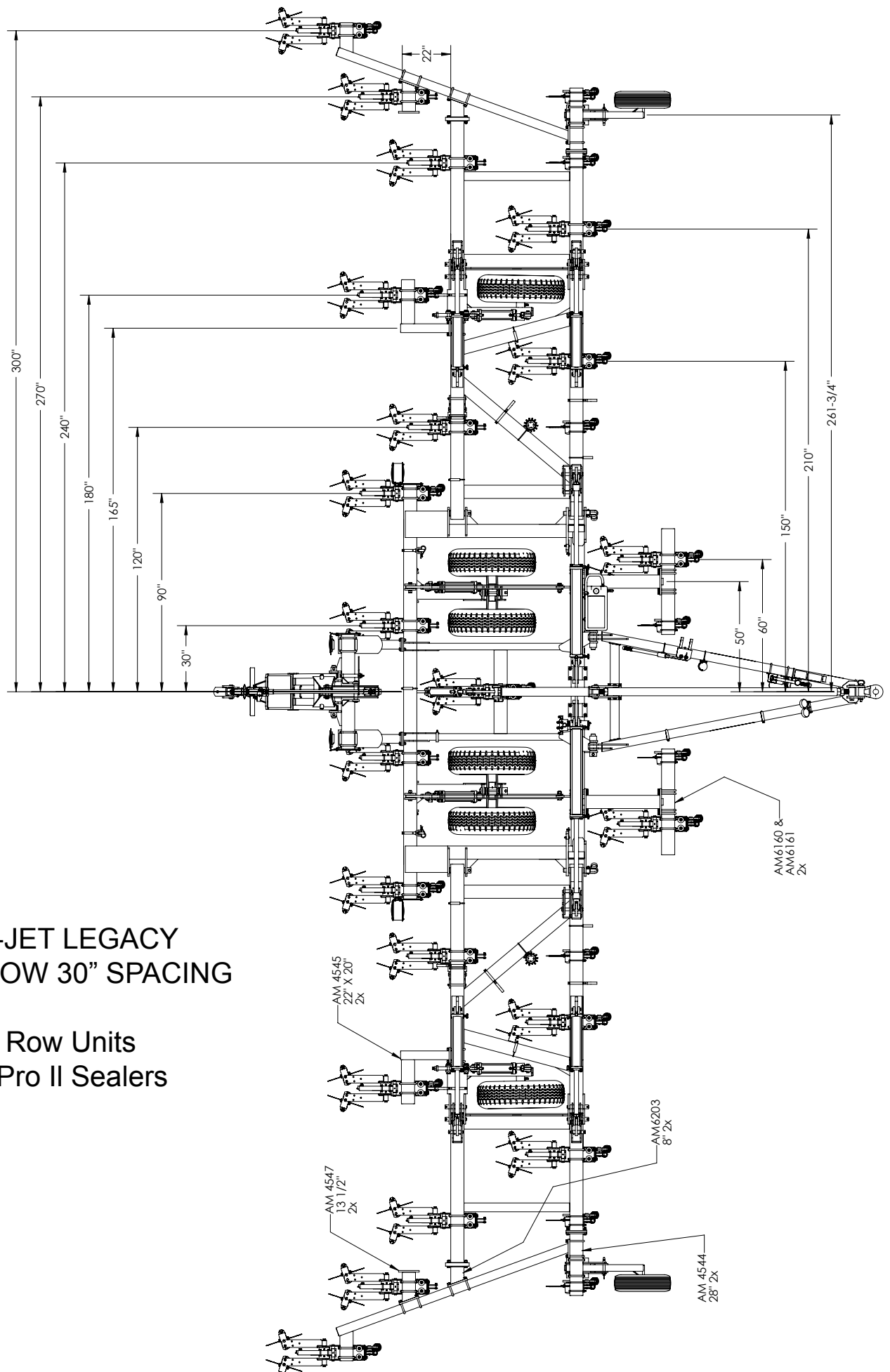


BLU-JET LEGACY 19 ROW 30" SPACING

SCS Row Units
SealPro II Sealers

BLU-JET LEGACY 21 ROW 30" SPACING

SCS Row Units
SealPro II Sealers

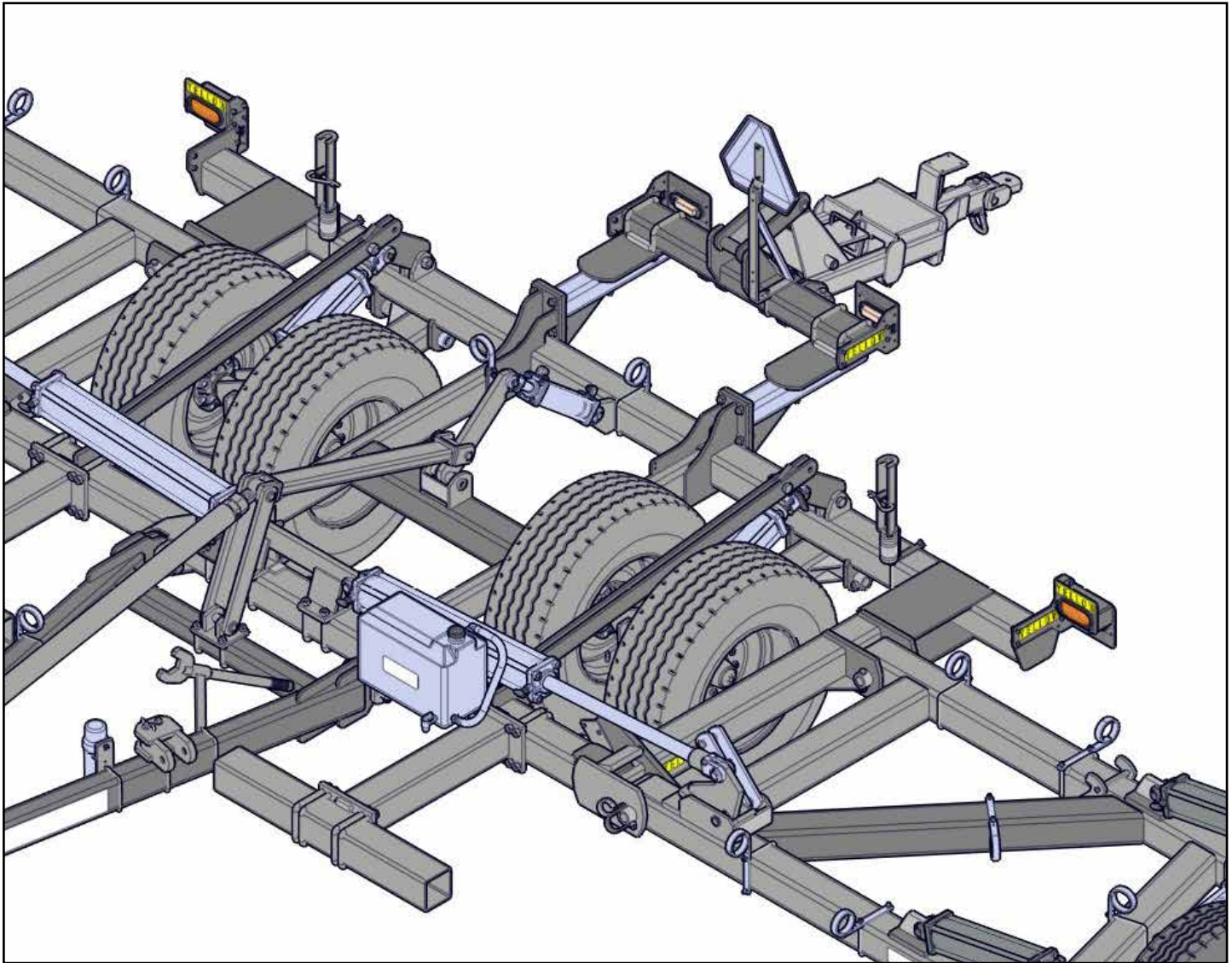


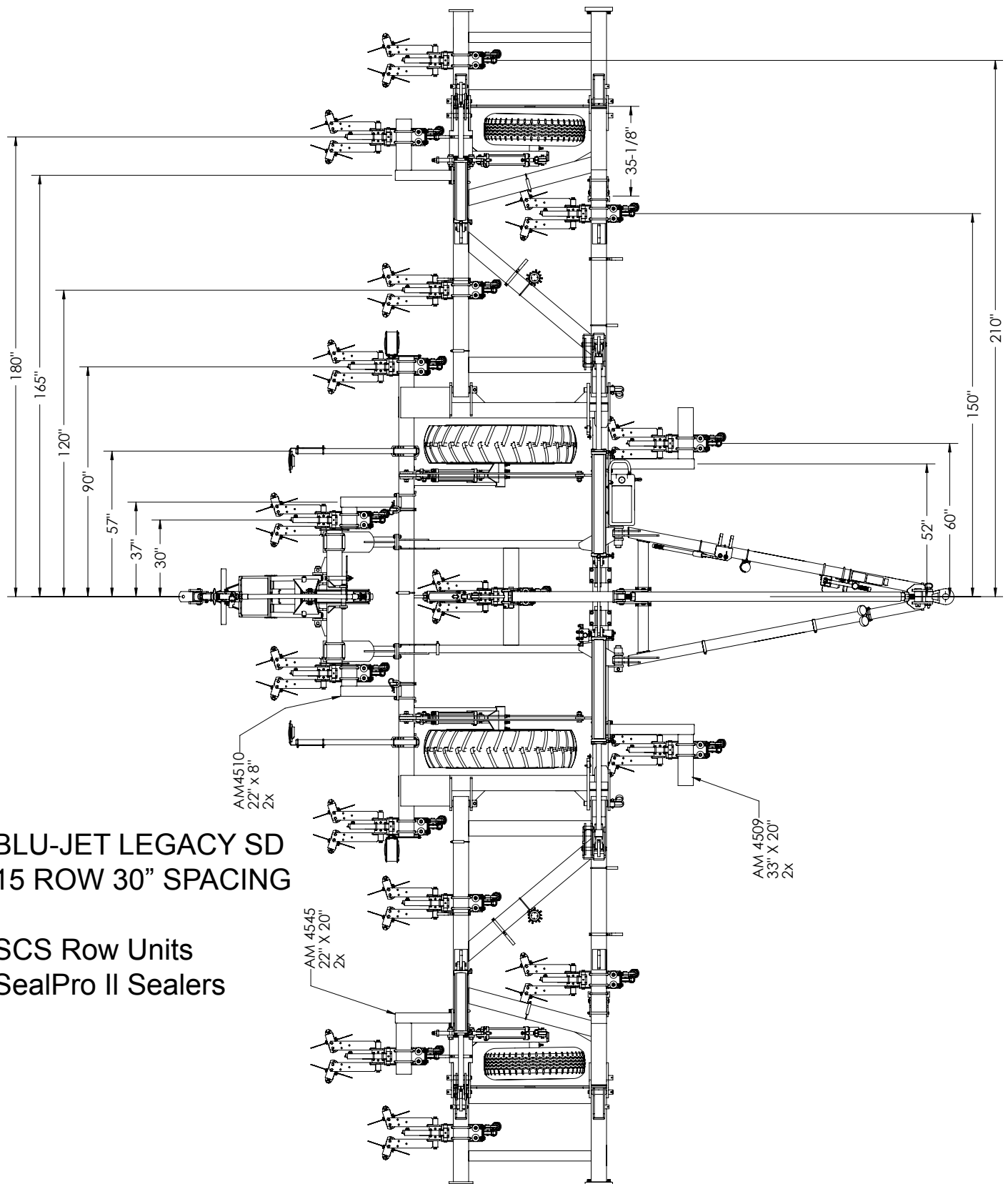
Light Kit Placement For 21 Row 30"

Task

Procedures

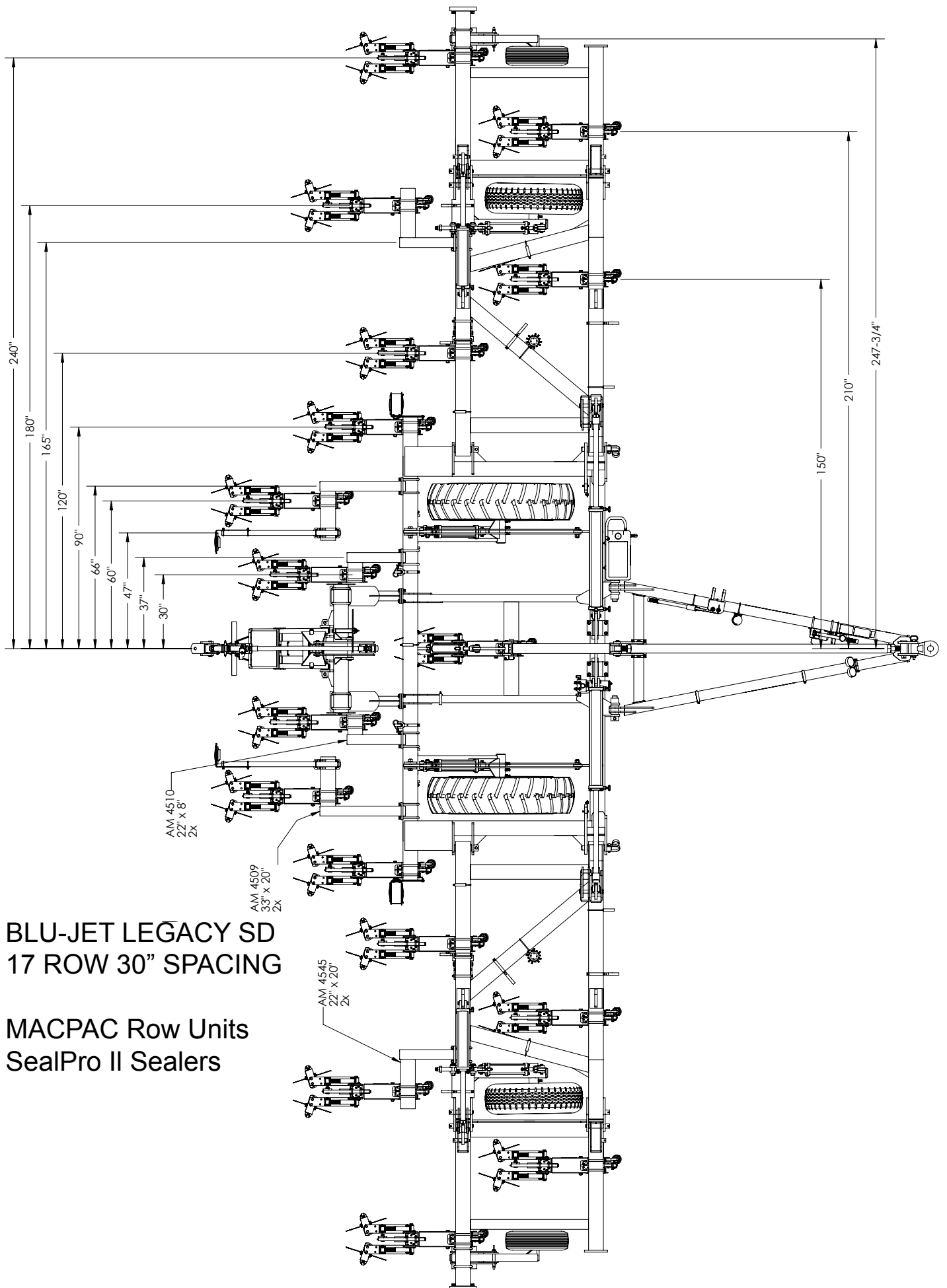
Illustrations





BLU-JET LEGACY SD 15 ROW 30" SPACING

SCS Row Units
SealPro II Sealers

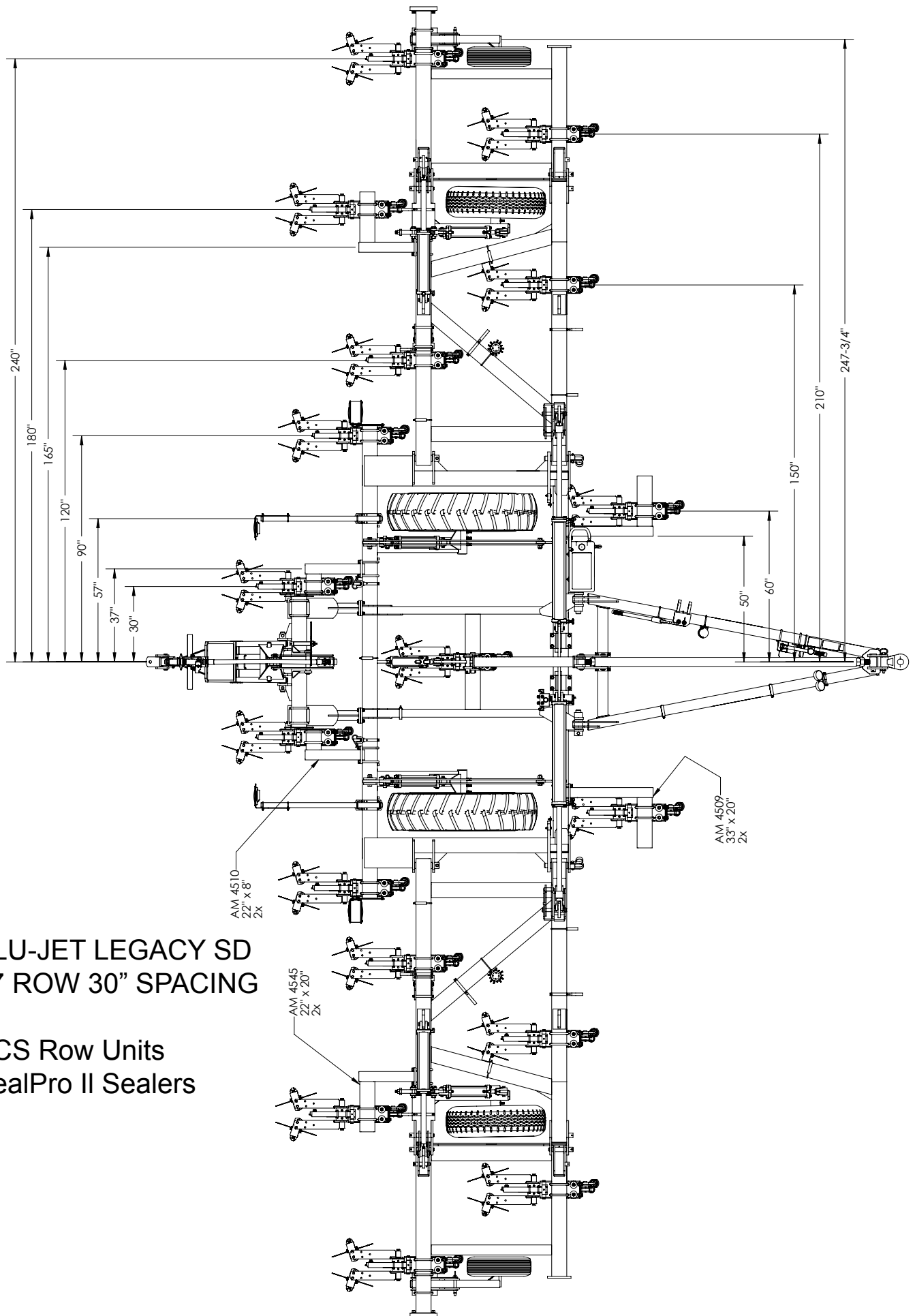


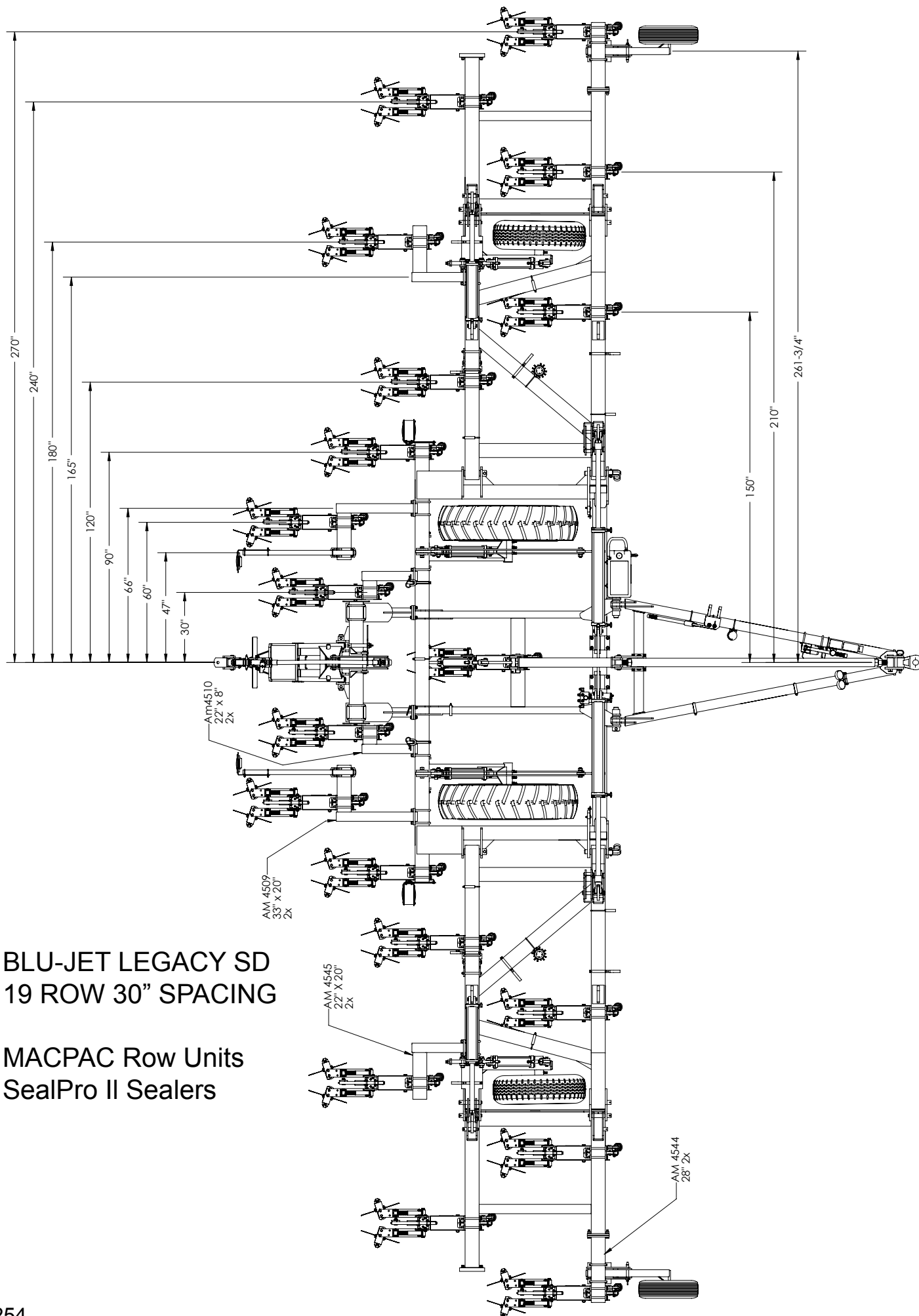
BLU-JET LEGACY SD
17 ROW 30" SPACING

MACPAC Row Units
SealPro II Sealers

BLU-JET LEGACY SD 17 ROW 30" SPACING

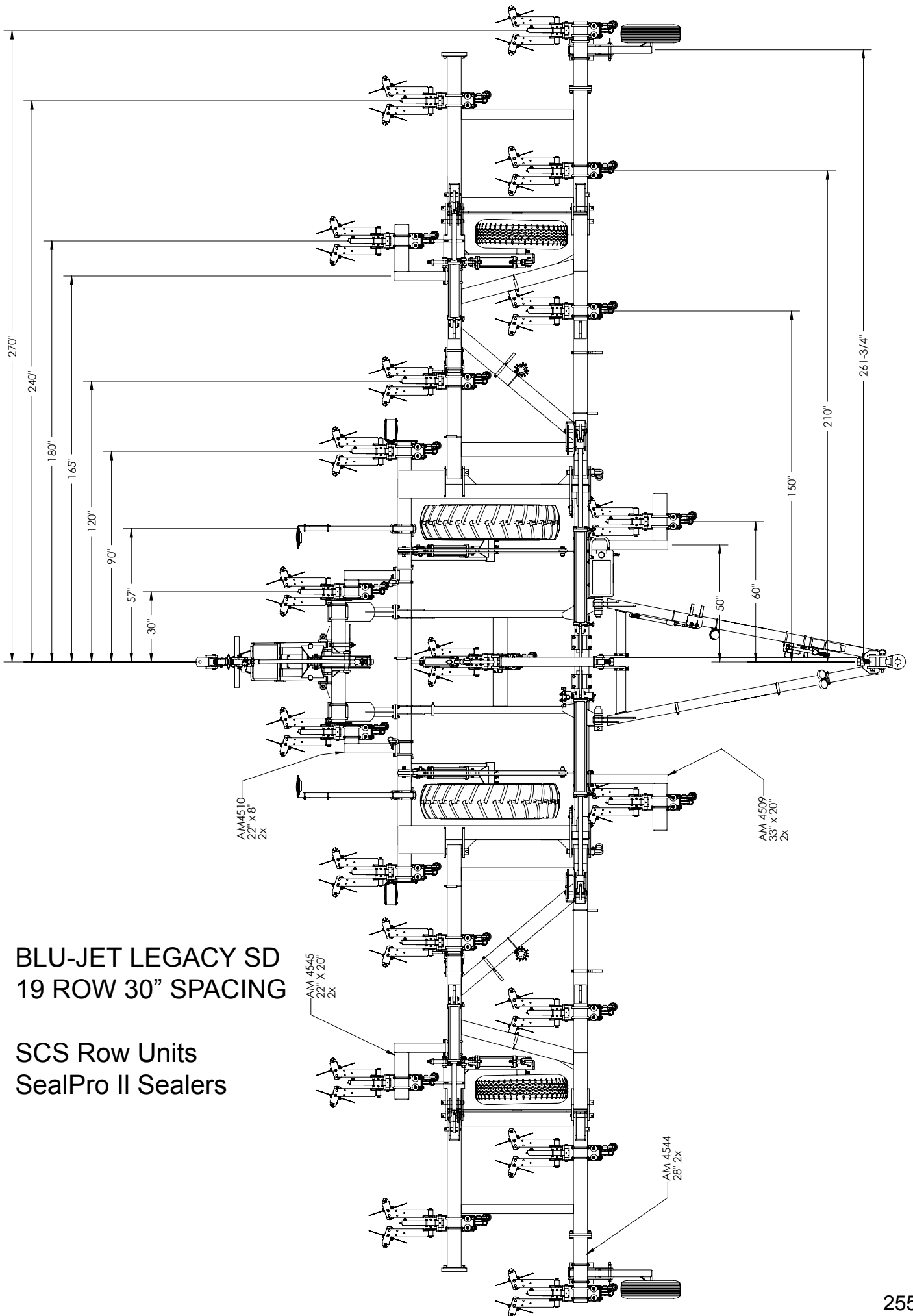
SCS Row Units
SealPro II Sealers





BLU-JET LEGACY SD
19 ROW 30" SPACING

MACPAC Row Units
SealPro II Sealers

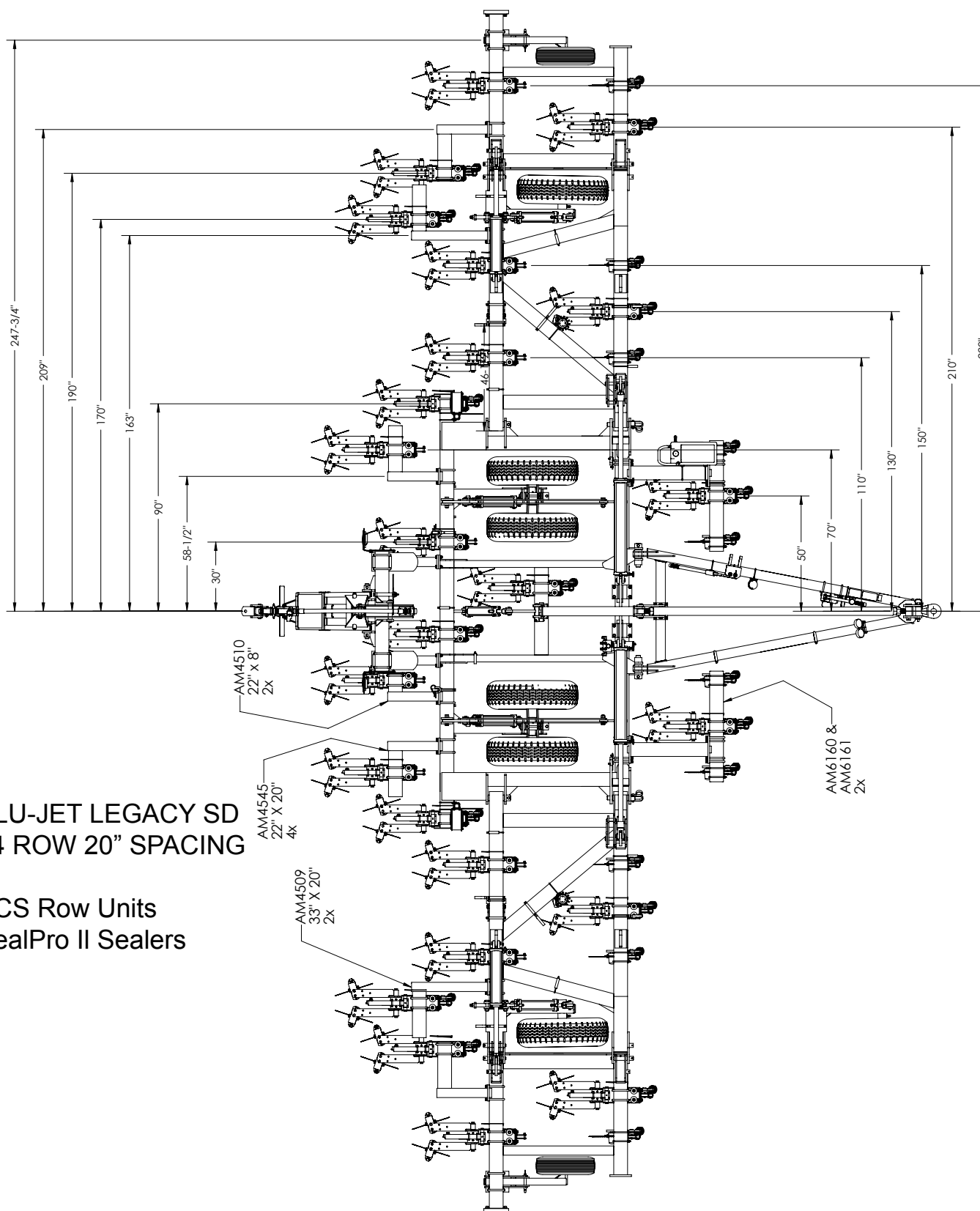


BLU-JET LEGACY SD 19 ROW 30" SPACING

SCS Row Units
SealPro II Sealers

BLU-JET LEGACY SD 24 ROW 20" SPACING

SCS Row Units
SealPro II Sealers



BLU-JET LEGACY SD 20 ROW 30" SPACING

SCS Row Units
SealPro II Sealers

