



BRIDGEVIEW MFG. INC.



BALE KING BRX850

Bale Carrier



Operator's & Parts Manual

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BRIDGEVIEW MANUFACTURING INC.

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Your Authorized Dealer

Your Serial Number

The Serial Number is located on the front of the Left Rail.

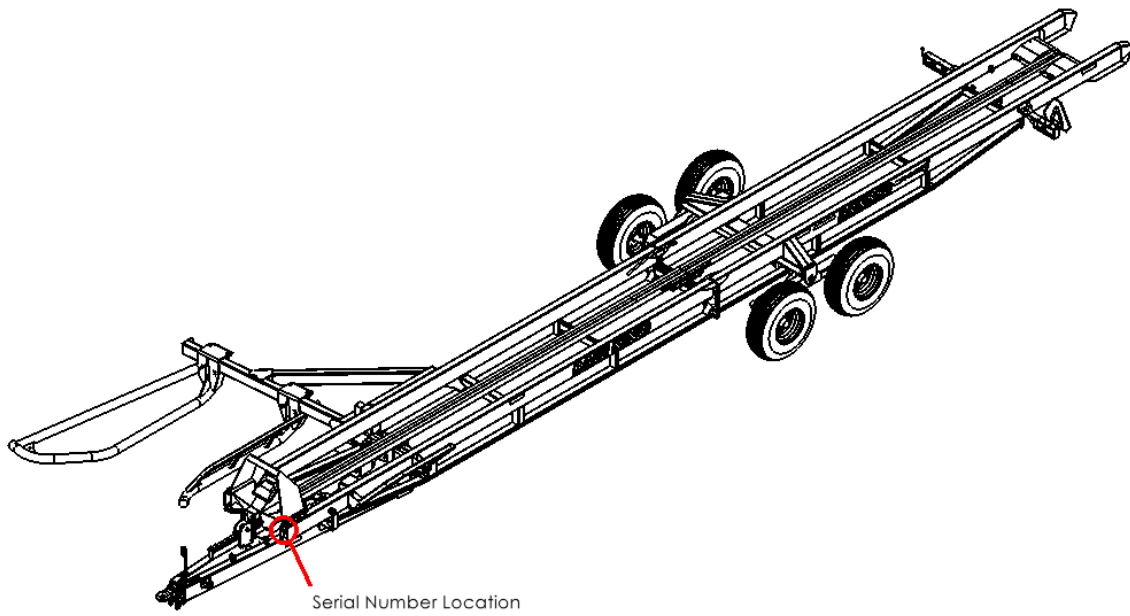




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INTRODUCTION

Thank you for purchasing a **Bale King BRX850** bale retriever. With the proper operation and service as outlined in this manual, the Bale King will provide you with years of trouble-free operation.

This is a complete safety, operation, and parts manual for the Bale King BRX850. The manual covers in detail how to use your new bale retriever safely and effectively. The procedures outlined in this manual should be followed to ensure safe operation and longevity of your machine. The parts manual covers all parts you may need to order in case of accident or breakdown. Please read completely through this manual before beginning operation of your new machine.

Safety Precautions

The following safety precautions **MUST** be followed to ensure safe operation of the Bale King BRX850.

- **ALWAYS** turn **OFF** the tractor when leaving the operating platform.
- **DO NOT** walk or move under the lifting arm when in the upward position.
- **ALWAYS** stay clear of the sled while its moving.
- **DO NOT** climb under deck when in the raised position.
- **ALWAYS** turn off the tractor when cleaning the machine, or hooking and unhooking the machine.
- **ALWAYS** use safety chain when towing the machine on roadways.



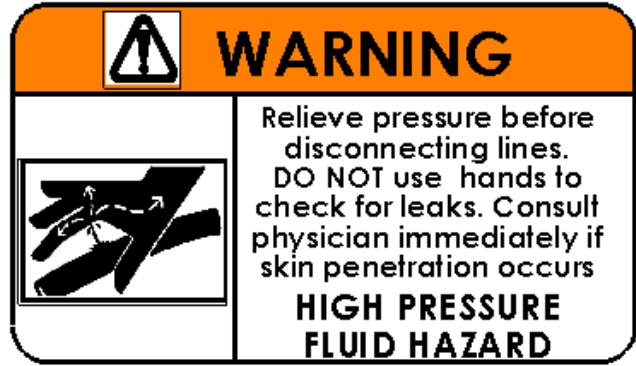
Hydraulic System Safety

WARNING: *Pressurized hydraulic fluid can cause serious injury.*

- When working with hydraulic equipment, eye and hand protection should be worn.



- Do not test for leaks with bare hands.
- Relieve any pressure before removing a hose or fitting.
- Never work under components raised by hydraulic equipment unless supported externally.





FEATURES

Implement Tongue

The adjustable hitch on the Bale King is a cast single tongue with optional clevis insert (BMI #25540). This allows for use with tractors equipped with a hammer strap or with a single drawbar. The design of the tongue allows the machine to move over rough terrain without bending the draw pin. **NOTE: The hammer strap insert is to be used for transport ONLY.**

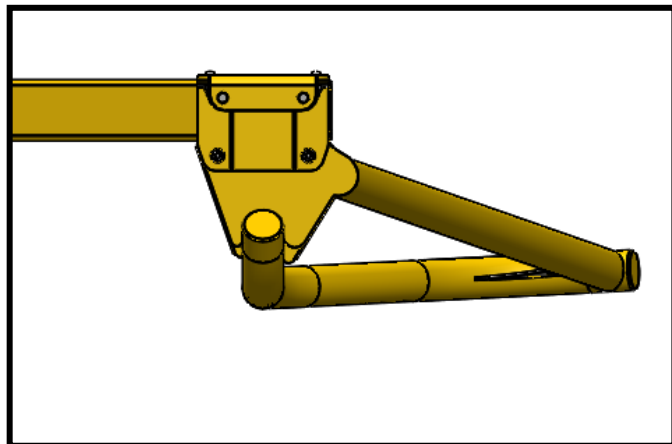
ATTENTION: Set the drawbar to **16 inches** behind the PTO shaft to ensure no stress is placed on the hydraulic hoses. Adjust the hitch height such that the machine sits level when attached to the tractor.

Axles

The Bale King BRX850 is equipped with two tire rocking tandem axle with 14L-16.1 SL and an option to oversize the tires to 16.5L-16.1 (BMI #34541).

Lifting Arm

The lifting arm on the BRX850 can handle up to 6.5 ft round bales. The arm can be adjusted to accommodate smaller bales by loosening lock nuts for the upper bolts, on the back of the fork tine, and back off the bolts. Loosen off the lower bolts, on the back of the fork tine. Move the fork tine to the desired position, and retightening the bolts and nuts. The quarter-turn arm allows for loading from any direction, rotating the bale to the correct orientation for loading. The Arm is equipped with a spring-loaded float to allow the arm to ride over rough terrain without causing damage to the machine.

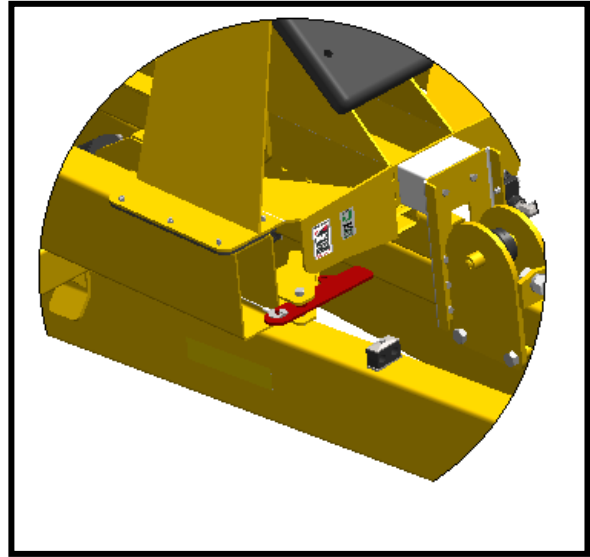




Bale Deck

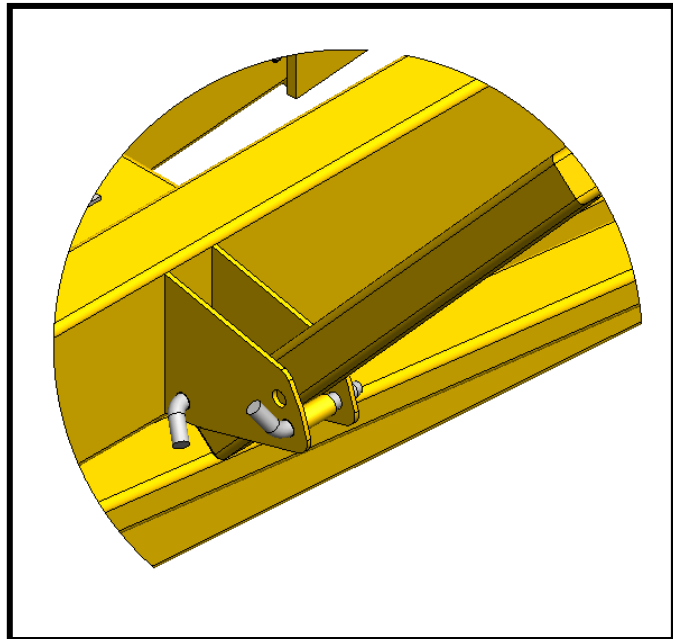
The bale deck is designed to carry up to eight 62” long round bales. A pusher sled is used to move bales back on the deck allowing more bales to be loaded. The machine is equipped with hydraulic stops to prevent damage to machine at the end of the pusher’s range of motion.

When the machine is fully loaded a red indicator flag will pop out on the inside of the right deck rail.



Adjustable Roll Over Stop

The Roll Over Stop can be adjusted to stop smaller bales sooner. Remove the top Bent Pull Pins and rotate the Roll Over Stop to the desired position and reinstall the Bent Pull Pins.



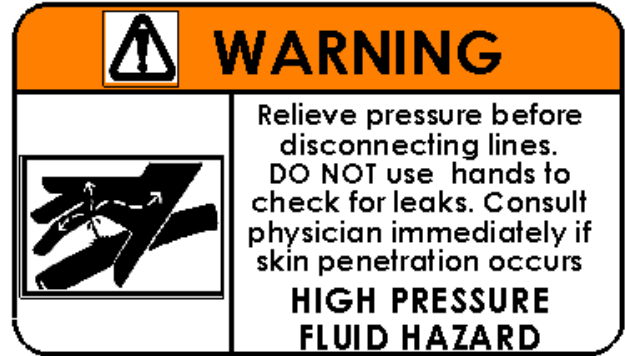
Hydraulics

WARNING: *Pressurized hydraulic fluid can cause serious injury.*

- When working with hydraulic equipment, eye and hand protection should be worn.



- Do not test for leaks with bare hands.
- Relieve any pressure before removing a hose or fitting.
- Never work under components raised by hydraulic equipment unless supported externally.



The BRX850 has two options for number of hydraulic hoses to connect to the tractor. A Three remote kit and a two remote kit.

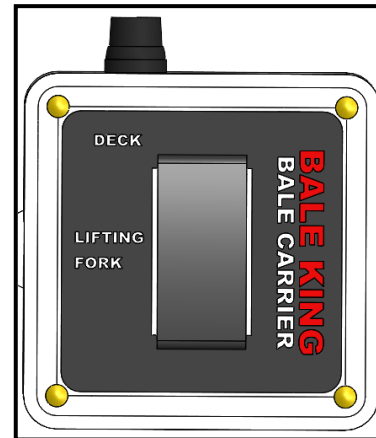
BRX850 – 3 Remote

There are three sets of hydraulic hoses to connect to the tractor. Each hose has a coloured marker to identify its function. They should be connected at best convenience for the tractor's controls. Note that the hoses are paired by colour and the following tables show the operation when pushing oil into the hose with the longer marker.

Long Yellow:	Pusher Moves Towards the Tractor
Long Red	Lifting Arm Raises
Long Blue	Deck Raises

BRX850 – 2 Remote Kit

An Optional 2 Remote kit (BMI# 35601), with diverter valve, is available to allow the Bale King BRX850 to run on only two sets of hoses. The function is then determined by a control box, mounted in the cab of the tractor. The 2 Remote Kit is only available on SN 26233 and above.



Control Box	“Deck”	“Lifting Fork”
Long Red	Deck Raises	Lifting Arm Raises
Long Yellow	Pusher Moves Towards Tractor	

Note: Always set the tractor's hydraulic flow at a lower rate and adjust it upward until the desired speed is reached.



OPERATION

Hooking up Machine

- Connect machine to tractor drawbar.
- Shut off the tractor.
- Connect hydraulic hoses and light plug to tractor.
- Retract jack fully, Remove the jack from the A Frame and secure it on the jack stub on the Bed Rail.
- Attach safety chain to the tractor. Always ensure the safety chain is properly installed. There should be enough slack to allow for turning, but not so much that the chain drags on the ground.
- Visually inspect machine to ensure everything is in proper working condition.
- Start tractor and test lifting arm, deck tilt, and pusher movement.

Loading Bales

- Drive along left side of bale.
- Lifting arm will rotate bale to correct orientation.
- Drive until bale is against back of lifting arm frame.
- Lift arm until bale rolls onto deck.
- Operate pusher to move the bale back far enough to clear the lifting arm.
- Load bales until the full load indicator is tripped and the red indicator is visible inside the right bed rail



Unloading Bales

- Raise deck up.
- Using the pusher, unload the bales
- Lower deck once all bales are unloaded and return pusher to the front of the machine.





Unhooking Machine

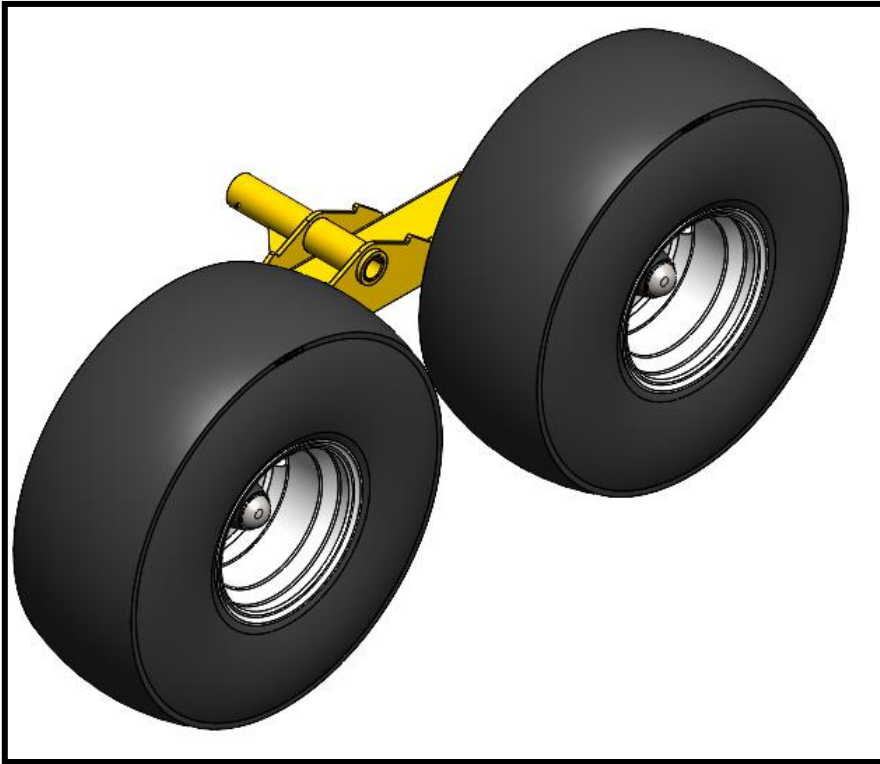
- Shut off the tractor.
- Disconnect hydraulic hoses, light plug, and safety chains from tractor.
- Move the jack back onto the A Frame and secure it. Extend until the machine is resting on the jack.
- Disconnect machine from tractor drawbar.



OPTIONS

Optional Oversized Tires

The BRX850 comes with an option to upgrade the four standard 14L-16.1 Tires to four 16.5L-16.1 Tires (BMI#34541) for reducing ground pressure.

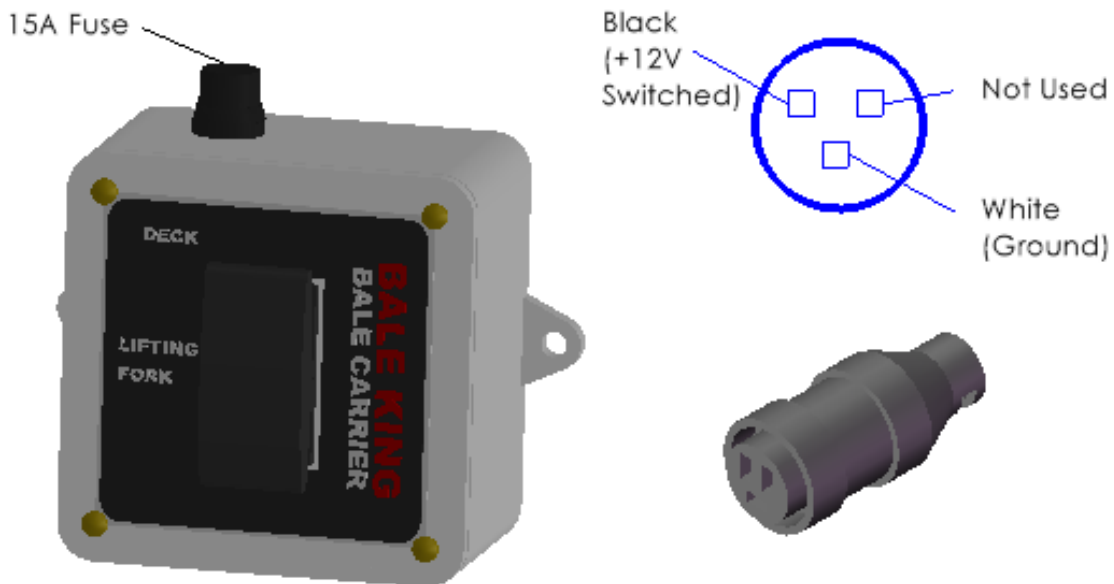




Optional Diverter Kit

The Bale King BRX850 has an optional diverter kit which allows it to operate using only 2 hydraulic remotes. (BMI# 35601) The Deck and Lifting Fork functions are then controlled by a cab-mounted switch box. This box must be wired up to the tractor's electrical system. You may use the provided plug to plug into the accessory outlet. If this is not available, the plug can be disassembled, and wired as necessary.

Black Wire	White Wire
+12V (Ignition Switched)	-12 V / Ground



*** Kit requires a control box.**

If changing from one package to another, contact Bridgeview to obtain an adaptor kit

A 4-pin plug is used to power the diverter valve on the Bale Carrier. If no power is supplied, the hydraulics will still control the Lifting Arm, but the Deck Tilt functional. If the switch in the tractor is activated, the Deck Tilt can be controlled.

The diverter kit also features a pilot operated check valve to ensure that the Lifting Arm will not fall down due to leaking across the valve. The 2 Remote Kit is only available on SN 26233 and above.



Optional Back up Camera

The Bale King BRX850 has an optional back-up camera to provide increased visibility while unloading bales.



There are two versions of the kit.

Standard Kit	Pro Kit
35596	35597
Camera Rated to -20°C (-4°F)	Camera Rated to -40°C (-40°F)

The kit includes the camera, mounted behind the last cross member, and cables to run to the tractor. The monitor can be installed in the tractor cab, with a plug between the tractor and bale carrier. The Optional Back Up Camera Kits are only available on SN 26233 and above.

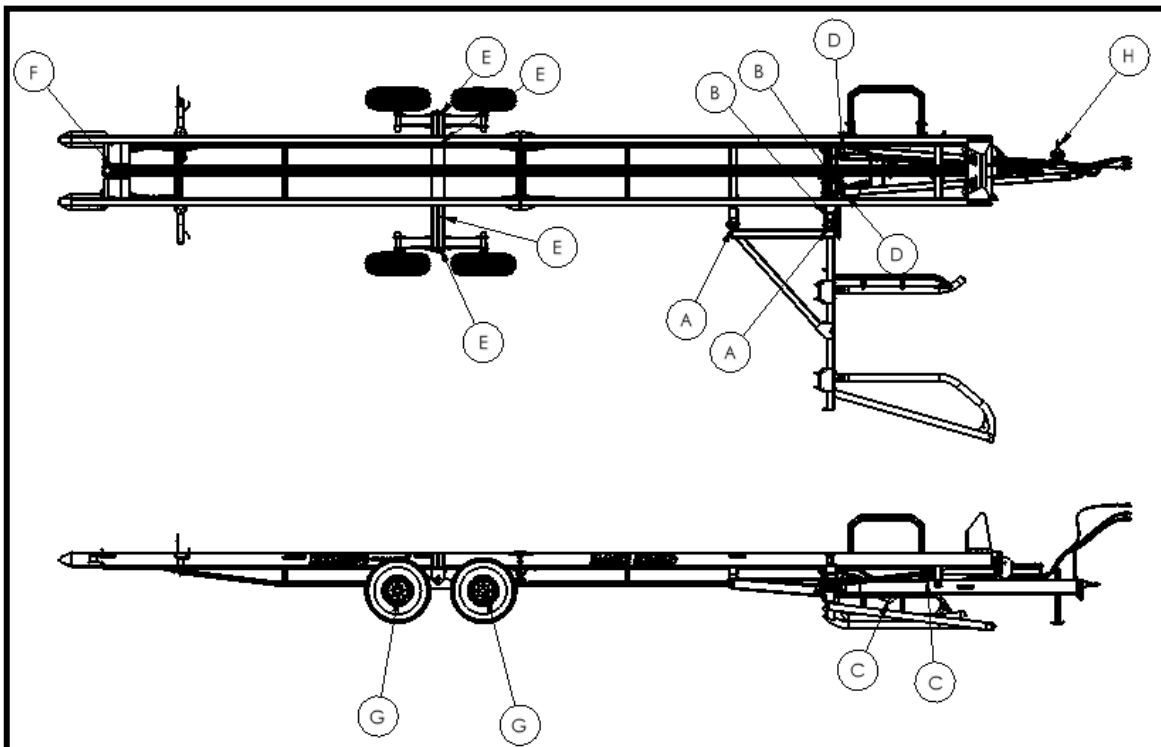


MAINTENANCE

Lubrication

The BRX850 needs be lubricated using good quality grease, at the following locations at the specified intervals. Chain should be lubricated with quality chain oil.

	Location	Timeline
A	Lifting Arm Pivot (x 2)	200 Bales (or 10 hours)
B	Lifting Arm Cylinder (x2)	
C	Deck Lift Cylinder (x2)	1000 Bales (or 50 hours)
D	A Frame Pivot(x2)	
E	Deck Pivot (x4)	
F	Deck Chain	
G	Wheel Hubs (x 4)	Seasonally (or 300 hours)
H	Jack	





Wheels and Tires

Examine tires for cuts, bruises, cracks, bulges, and penetrations.

Tire Inflation and Rating

Wheel bearings should annually be lubricated and inspected for any required adjustment. Inspect more often for extensive traveling. Proper tire inflation will help to alleviate puncture problems when towing and operating on rough terrain.

	Standard Tires	Oversized Tires
Check for proper tire inflation	52 PSI	36 PSI
Replace any damaged tires	14Lx16.1-12 ply	16.5L-16.1 -12 Ply
Check and tighten wheel bolts on a regular basis	125 ft-lb	125 ft-lb

Note: When inflating tires, use a clip-on chuck and extension hose long enough to allow you to stand to one side and NOT in front of or over the tire assembly.

Note: Warranty does not cover damaged rims and hubs due to loose wheel bolts or flat tires. Tire warranty is covered by the tire manufacturer.



Hub Removal

Procedure for maintenance and replacing hubs.

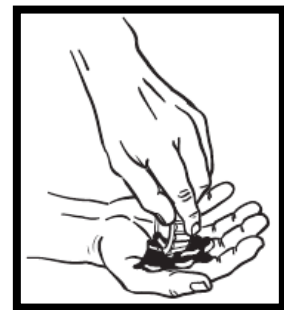
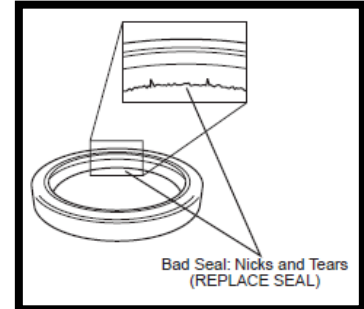
1. Elevate and support the walking axle.
2. Check for excessive wheel end play by pulling the tire assembly towards you and by pushing the assembly away from you. Slight end play is acceptable.
3. Rotate tire slowly forwards and backwards. The wheel assembly should turn freely and smoothly. If there is excessive wheel end play, restriction to rotation, noise, or "bumpy" rotation, the bearing unit needs to be replaced.
4. Remove the wheel.
5. Remove the dust cap by carefully prying around the flange of the cap.



6. Remove the cotter pin from the spindle nut.
7. Unscrew the spindle nut and remove the spindle washer.
8. Remove the hub from the spindle, being careful not to allow the outer bearing cone to fall out. The inner bearing cone will be retained by the seal.
9. Clean all the part and make sure the bearing and the spindle will not get contaminated.

Bearing and Seal Inspection

- If the bearing shows signs of pitting or corrosion then the bearing must be replaced. The bearing cup inside the hub must be inspected. Bearings should be replaced in sets.
- Repack all good bearings with grease.
- Whenever the hubs are removed, inspect the seal to ensure that it is not nicked or torn and is still capable of properly sealing the bearing cavity. If there is any question of condition, replace the seal.



Hub Installation

If the hub has been removed or bearing adjustment is required, the following adjustment procedure must be followed:

1. After placing the hub, bearings, washers, and spindle nut back on the axle spindle in reverse order as detailed in the previous section on hub removal, rotate the hub assembly slowly while tightening the spindle nut appropriately 50 lbs.-ft.
2. Then loosen the spindle nut to remove the torque. Do not rotate the hub.
3. Tighten the spindle nut until it is snug and install cotter pin.
4. Pack hub full of grease and install dust cap.
5. Install the wheels and fasten the bolts. Torque bolts to 125 ft-lbs



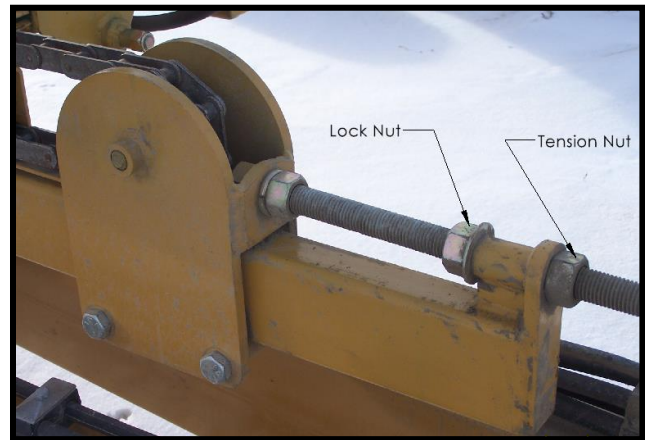
Sled Chain

- Lubricate chain every 50 hours of operation and before long periods of storage. Always use quality chain oil when lubricating the drive chain.

Check chain tension at center of deck by applying 30 lbs of force on the chain. Correct tension is measured as 1 inch deflection between chain and deck. Adjust chain tension using the following steps:



1. Loosen the lock nut
2. Turn tension nut accordingly until correct chain tension is achieved.
3. Tighten Lock nut.



Cylinder Maintenance

To remove the hydraulic cylinders for repair or maintenance, follow these steps:

- Fully lower the deck (or lifting arm) and unhook hydraulic lines. Be sure there is no pressure on the lines and mark the line locations so there is no confusion when reinstalling the cylinders. Check hydraulic schematics.
- Remove locking bolts for cylinder pins and remove cylinder pins.
- To reinstall, reverse the removal procedure.

NOTE: *Always cover exposed cylinder shafts with grease to avoid rusting of shafts if the unit is not used for extended periods of time. Rusted cylinder shafts are NOT covered by warranty*

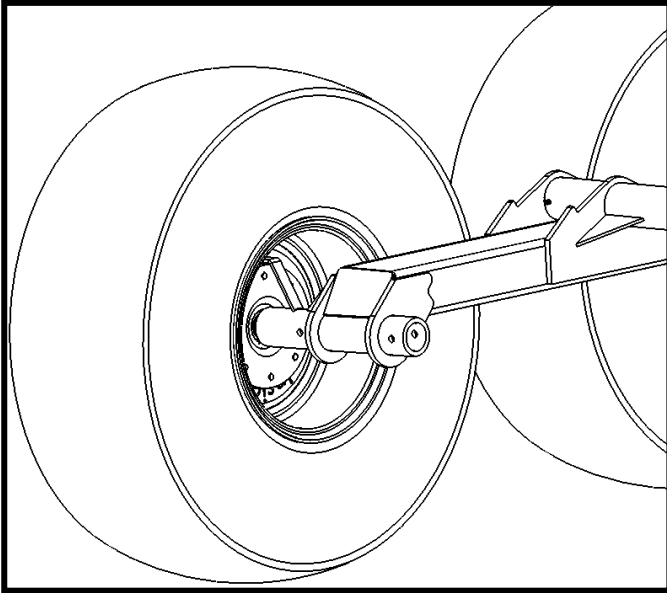
NOTE: *Check all hoses and fittings periodically for leaks. Tighten or replace any dripping components or any worn out hoses.*



Twine Removal

Twine guards are installed on the machine to keep bale twine out of important areas such as bearings.

The wheel hubs have a twine guard to keep anything from getting tangled in the wheel bearing. Periodically check and remove any twine that has wrapped around the spindle.

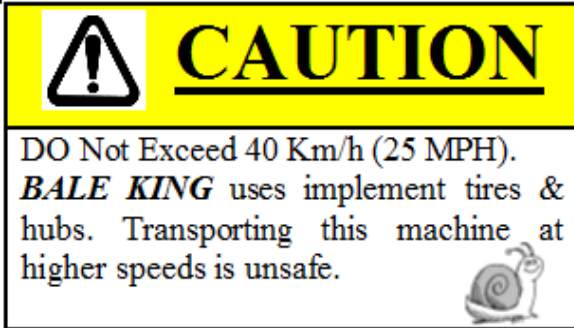




TRANSPORTATION

The Bale King BRX850 can be safely towed on public roads, following these precautions:

- Tow vehicle must be rated for at least 6490 lb gross, 1930 lb tongue when machine is empty, and 22500 lb gross, 5887 lb tongue when loaded.
- NEVER exceed 40 km/h (25 mph).
- ALWAYS ensure that the safety chain is properly installed. There should be enough slack to allow for turning but not so much that the chains drag on the ground.
- Ensure the jack is installed in its storage position of the left deck rail.
- Tow vehicle must have a 7-pin round trailer plug
- Plug in lights and check for proper function (flashing amber lights, solid red lights)
- Ensure that the supplied SMV (Slow Moving Vehicle) sign is clearly visible from the rear
- Ensure reflective markers are cleaned, and visible from all sides.
- Raise the lifting arm completely.
- Ensure that the hydraulic hoses are properly secured.
- Check tire pressure and wheel torque. Wheels must be retorqued after 1 hr if being transported for the first time.
- If transporting long distances, periodically check the tires and hubs for high temperatures. If heating up, slow down.
- Check with local authorities regarding transport on public roads. Follow all applicable laws and regulations.





TROUBLESHOOTING GUIDE

Problem	Possible Cause	Remedy
Pusher stops Unexpectedly	Broken drive sprocket	<ul style="list-style-type: none"> • Replace failed part.
	Hydraulic stop not releasing	<ul style="list-style-type: none"> • Replace failed part
	Dirt Binding Drive Chain	<ul style="list-style-type: none"> • Clean out built up dirt and debris front drive sprocket
	Chain jumped off idler wheel	<ul style="list-style-type: none"> • Refer to next line.
Chain jumps off idler wheel	Chain Tension not Properly adjusted	<ul style="list-style-type: none"> • Place chain back on idler wheel and correctly adjust the tension
Poor fork operation	Air In Hydraulic System	<ul style="list-style-type: none"> • Raise fork fully holding hydraulic lever for several seconds.
	Scored Cylinder Shaft and damaged Seal	<ul style="list-style-type: none"> • Check for scoring on cylinder shaft and replace shaft if necessary • Replace cylinder seal if damaged
Poor deck tilt operation	Air In Hydraulic System	<ul style="list-style-type: none"> • Lower deck fully holding hydraulic lever for several seconds.
	Scored Cylinder Shaft and damaged Seal	<ul style="list-style-type: none"> • Check for scoring on cylinder shaft and replace shaft if necessary • Replace cylinder seal if damaged
Lights not in Position	Broken or Missing Shear Bolt	<ul style="list-style-type: none"> • Replace missing or broken 3/8" x 1" Gr. 5 Bolt and 3/8" Nylon lock Nut



FEATURES AND SPECIFICATIONS

Dimensions and Specifications	
Max Bale Weight (For 8 Bales)	2000 lbs
Weight (Empty)	6490 lbs
Maximum Weight (Loaded)	22500 lbs
Drawbar Weight (Empty)	1932 lbs
Maximum Drawbar Weight	5887 lbs
Overall, Height (Lifting Arm Up)	158"
Overall, Height (Lifting Arm Down)	61"
Tread Width (on Centres)	95"
Transport Width (arm Up)	108"
Max Width (Arm Down)	216.25"
Length	590"
Single Hydraulic Deck Tilt Cylinder	4" x 14" x 2" Rod
Single Hydraulic Lifting Arm Cylinder	4" x 14" x 2" Rod
Tire Size (Standard Tire)	14L-16.1 SL 12 Ply
Tire Size (Oversized Tire Option)	16.5L-16.1 10 Ply
Tire Inflation (Standard Tires)	52 PSI
Tire Inflation (Oversized Tire Option)	36 PSI
Wheel Nut Torque	125 ft-lbs
Drive Chain Type	C2080H
Horsepower Requirement	120
Required Number of Hydraulic Remotes (Standard)	3
Required Number of Hydraulic Remotes with Diverter Valve (Option)	2

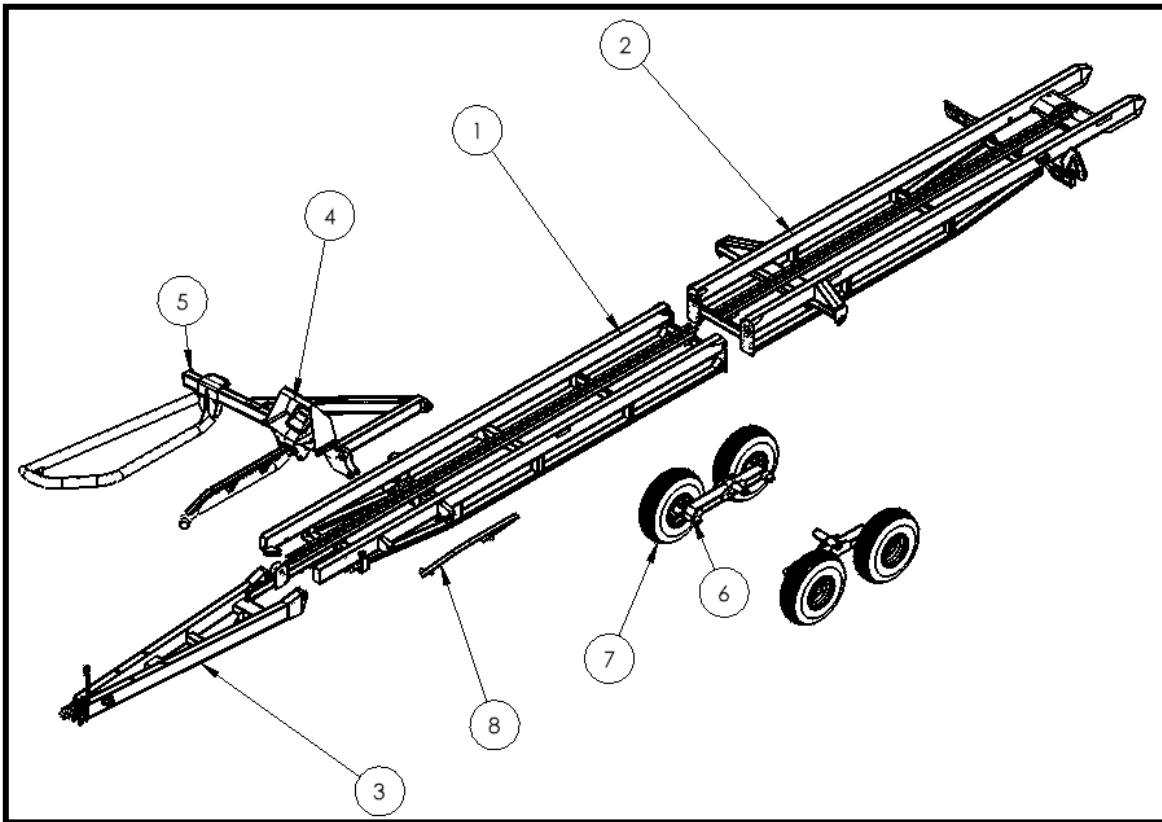


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Machine Overview



Item #	Description	QTY.
1	Front Deck	1
2	Rear Deck	1
3	A Frame	1
4	Pusher	1
5	Lifting Arm	1
6	Rocking Tandem Axle	2
7	Wheel Assembly	4
8	Rollover Stop	1

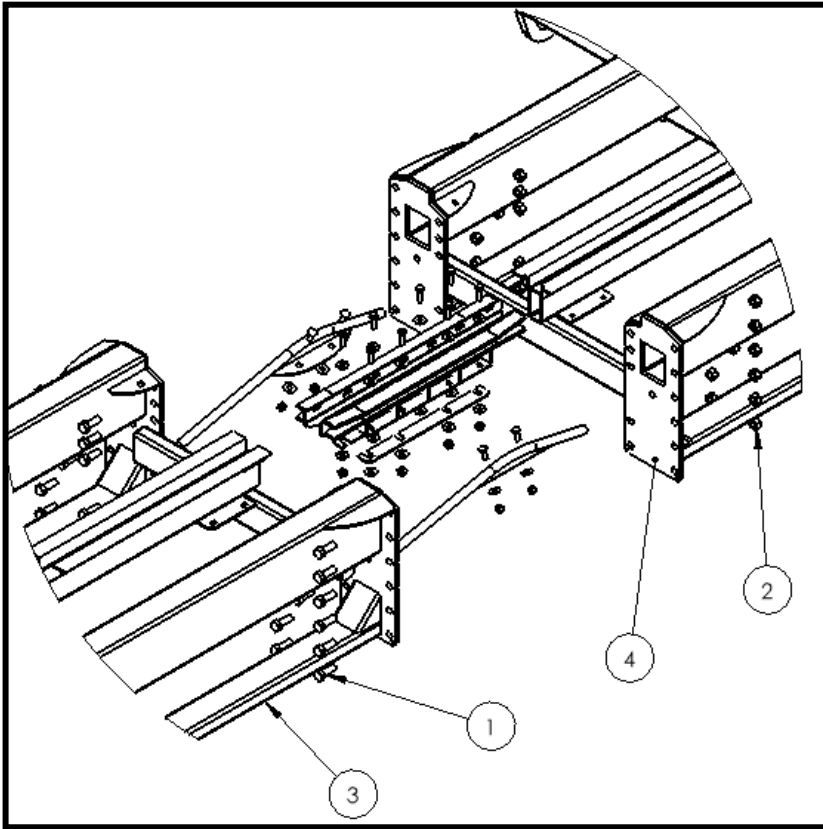
****THIS MANUAL IS FOR SERIAL NUMBERS 26233 & UP ONLY.
FOR PRIOR SERIAL NUMBERS, CONTACT BRIDGEVIEW DIRECTLY. ****

Per ID#: NSS=Not Sold Separately

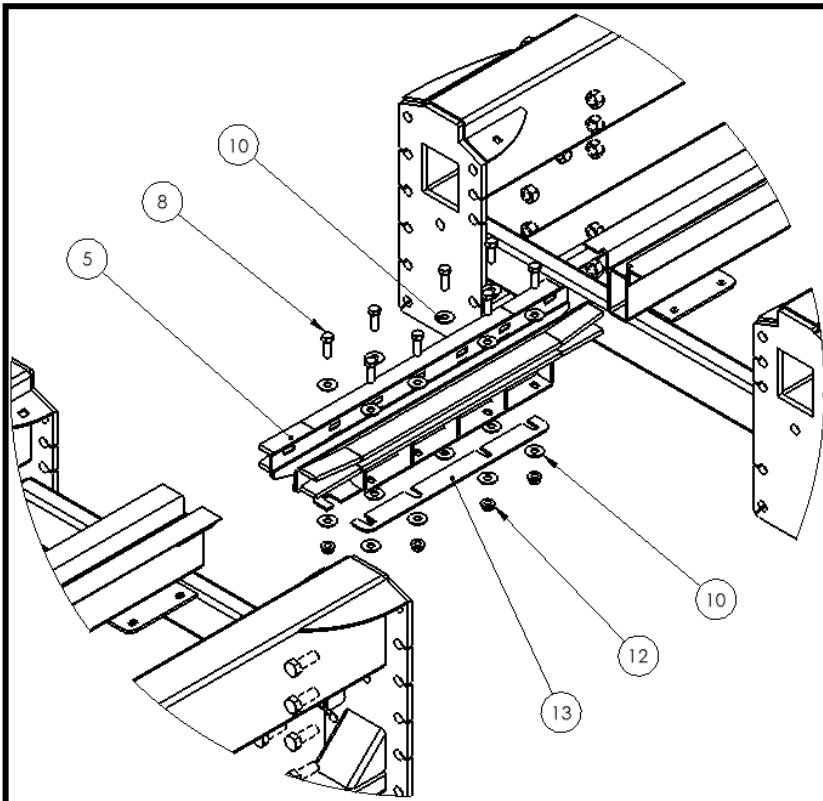


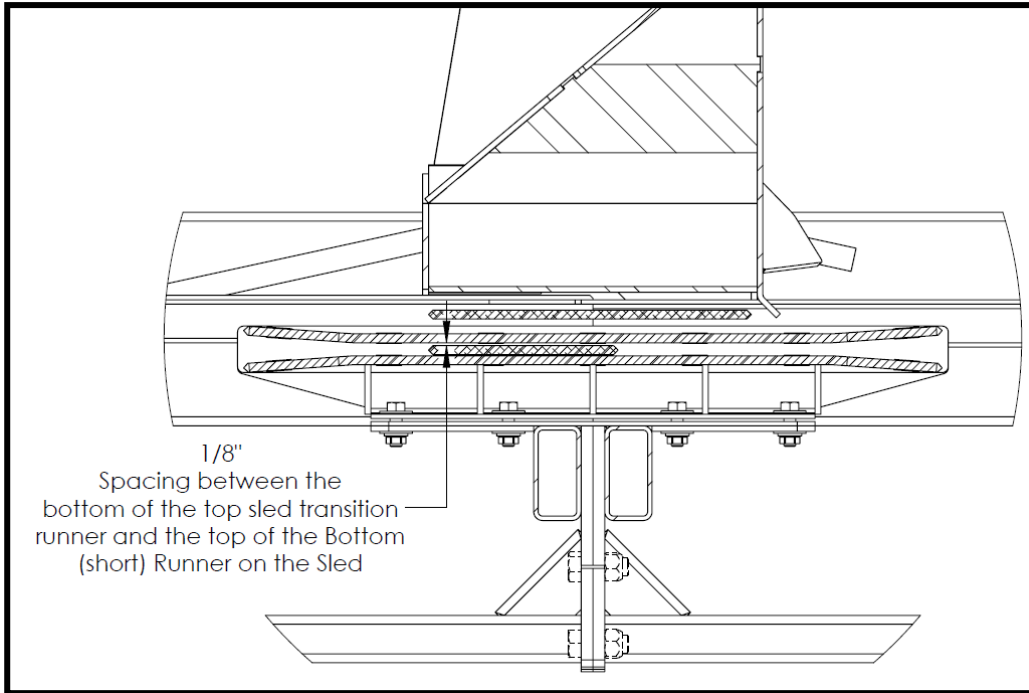
Front and Rear Deck

S/N 26233 & UP

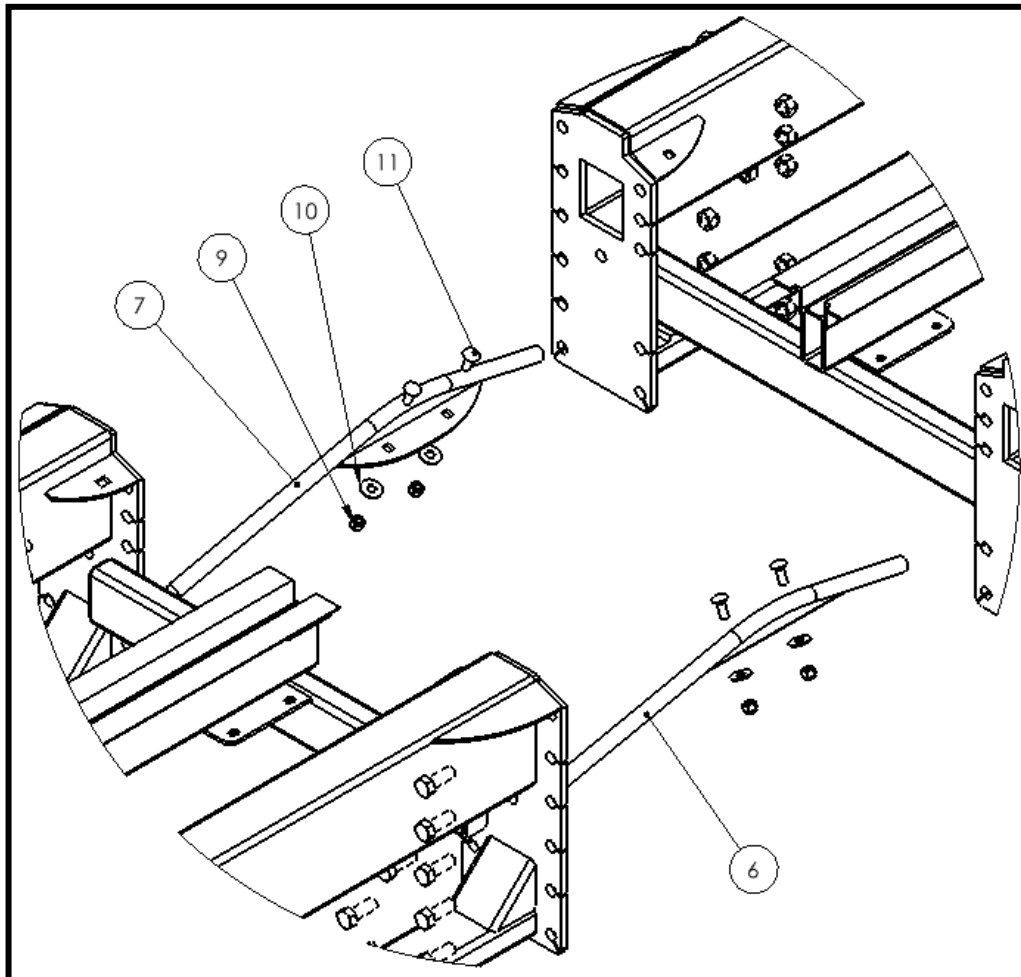


Note: Torque 3/4" Frame Bolts to 300 ft-lbs





Set Deck Transition as shown above by using shims (Part 13)

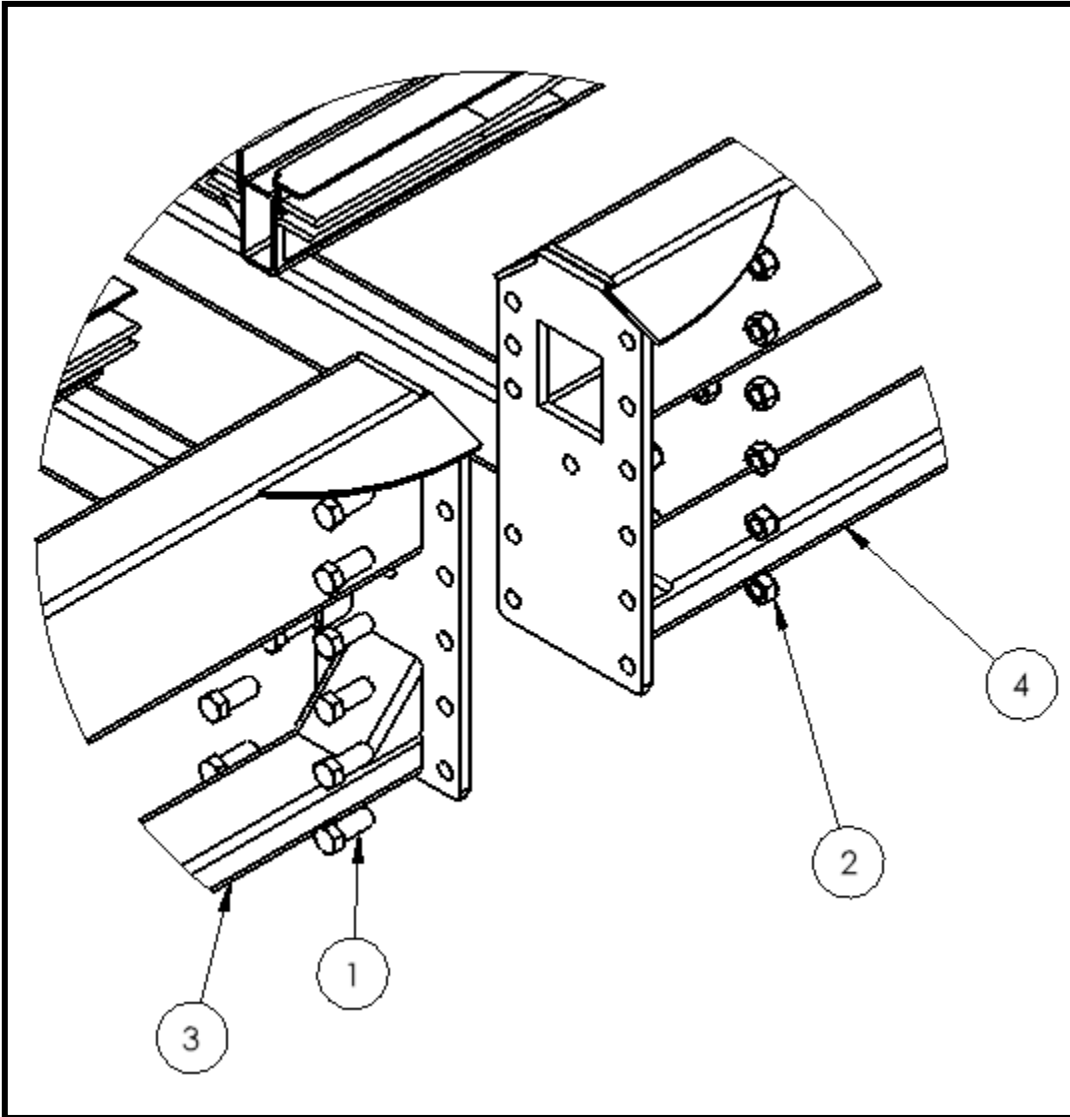




Item #	Description	ID number	QTY.
1	3/4" x 2" Bolt	13800	24
2	3/4" Stover Lock Nut	11823	24
3	Front Deck	NSS	1
4	Rear Deck	NSS	1
5	Sled Transition	35686	2
6	Bale Bump Left	35687	1
7	Bale Bump Right	35688	1
8	1/2" x 1 1/2" Bolt	10174	8
9	1/2" Nylon Lock Nut	10241	4
10	1/2" Flat Washer	11668	20
11	1/2" x 1 1/4" Carriage	11819	4
12	1/2" SF Nut	10273	8
13	Sled Transition Shims	35616-35619	A/R



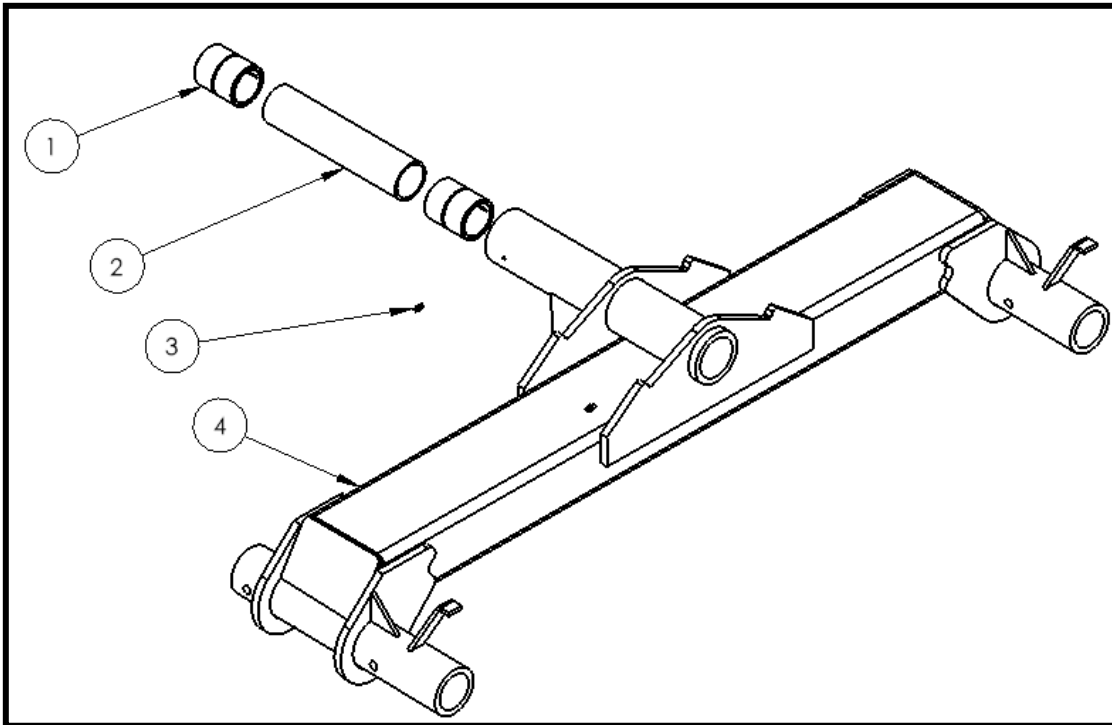
S/N 26227 - 26232



Item #	Description	ID number	QTY.
1	3/4" x 2" Bolt	13800	24
2	3/4" Stover Lock Nut	11823	24
3	Front Deck	NSS	1
4	Rear Deck	NSS	1



Rocking Axle Weldment Left (and Right)

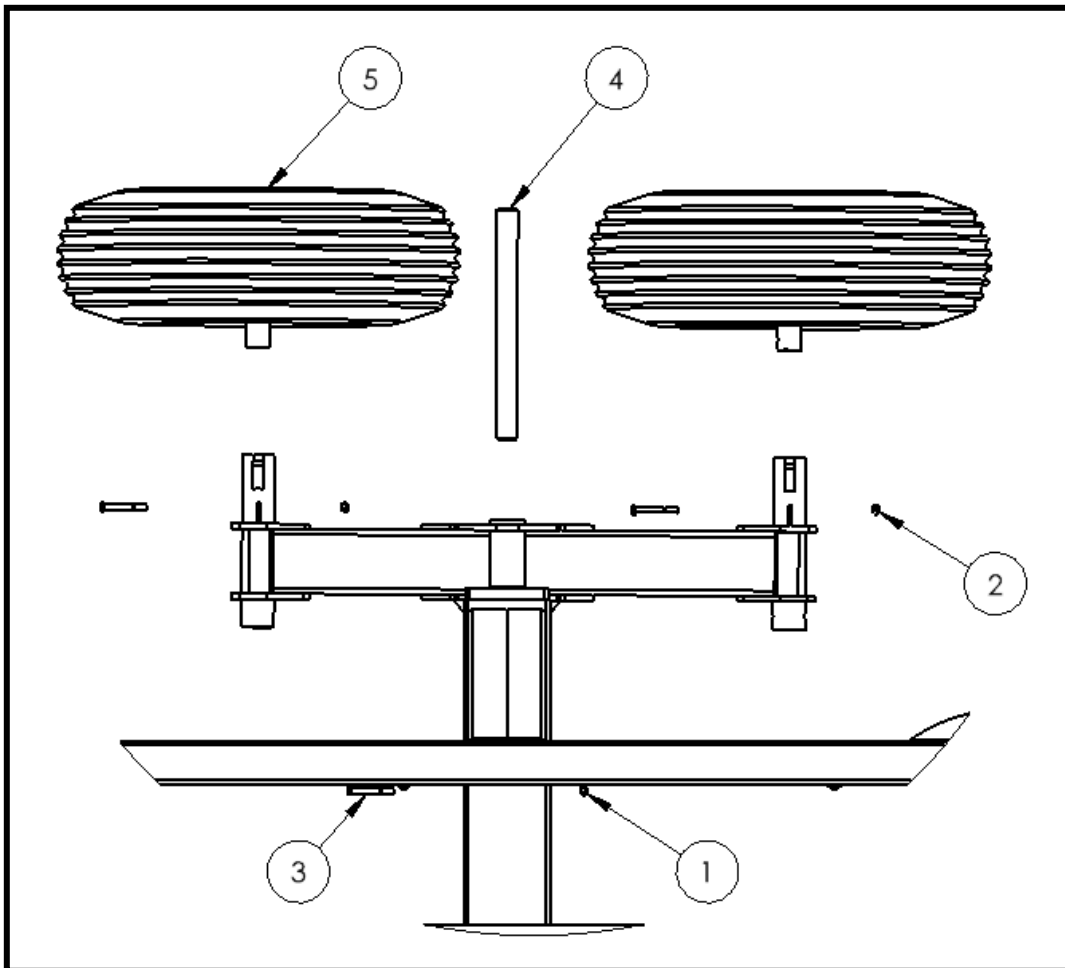


Item #	Description	ID number	QTY.
1	2 ½" x 2" x 1 ¾" HSB	34461	2
2	Axle Pivot Spacer	34702	1
3	0.25 -28 Self Tap Grease Zerk	16364	2
4	Rocking Axle Weldment Left (Right)	34782 (34789)	1

NOTE: Quantities are given as per side. For both sides, double the above quantities



Axle Install



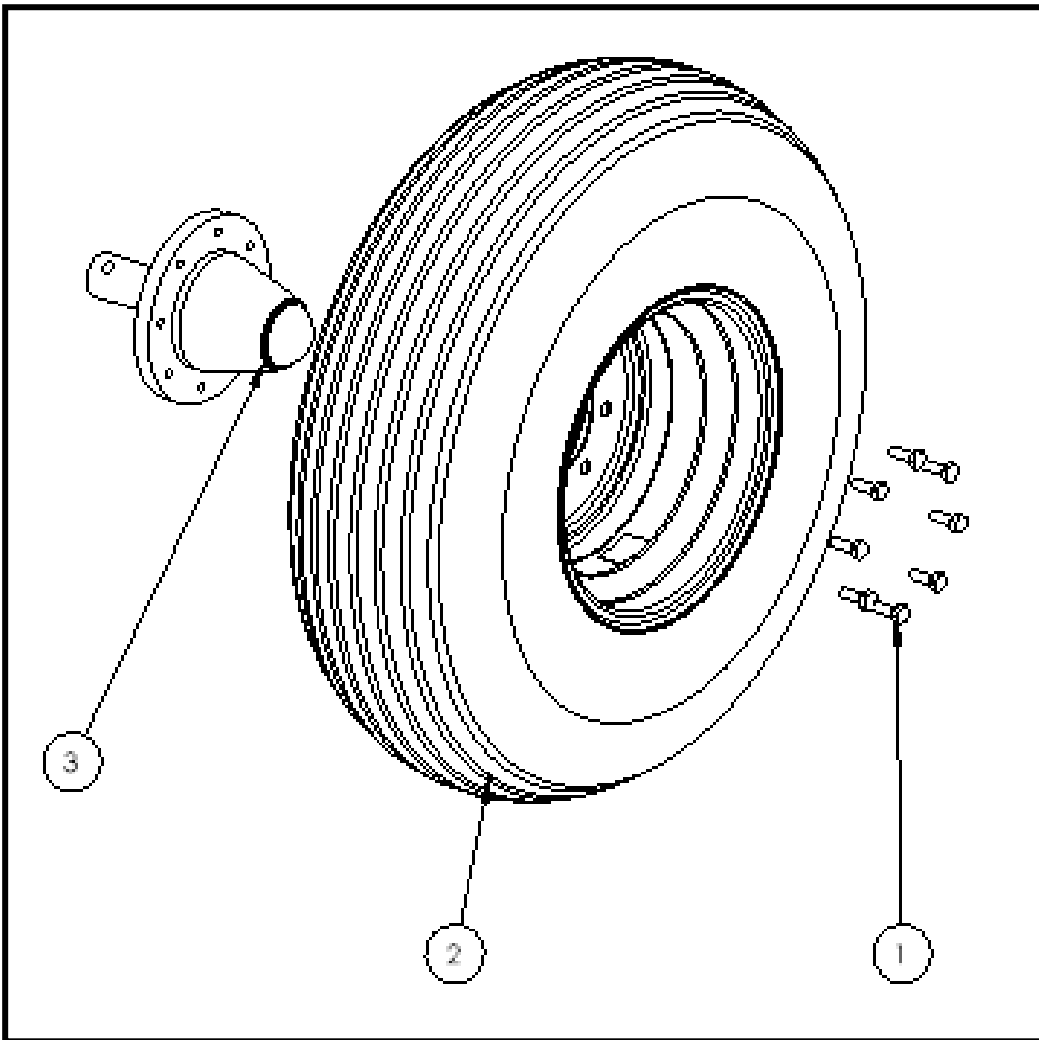
Item #	Description	ID number	QTY.
1	½" Stover Lock Nut	14393	1
2	½" Nylon Lock Nut	10241	2
3	½" x 4" Bolt	23540	3
4	Pivot Pin	34758	1
5	14L-16.1 SL Spindle and Rim Assembly	See next two pages	1

NOTE: Quantities are given as per side. For both sides, double the above quantities

NOTE: For oversized tires Option Substitute the above spindle assembly for the 16.L-16.1 Spindle and Rim Assembly.



Spindle and Rim Assembly (Standard Wheels)



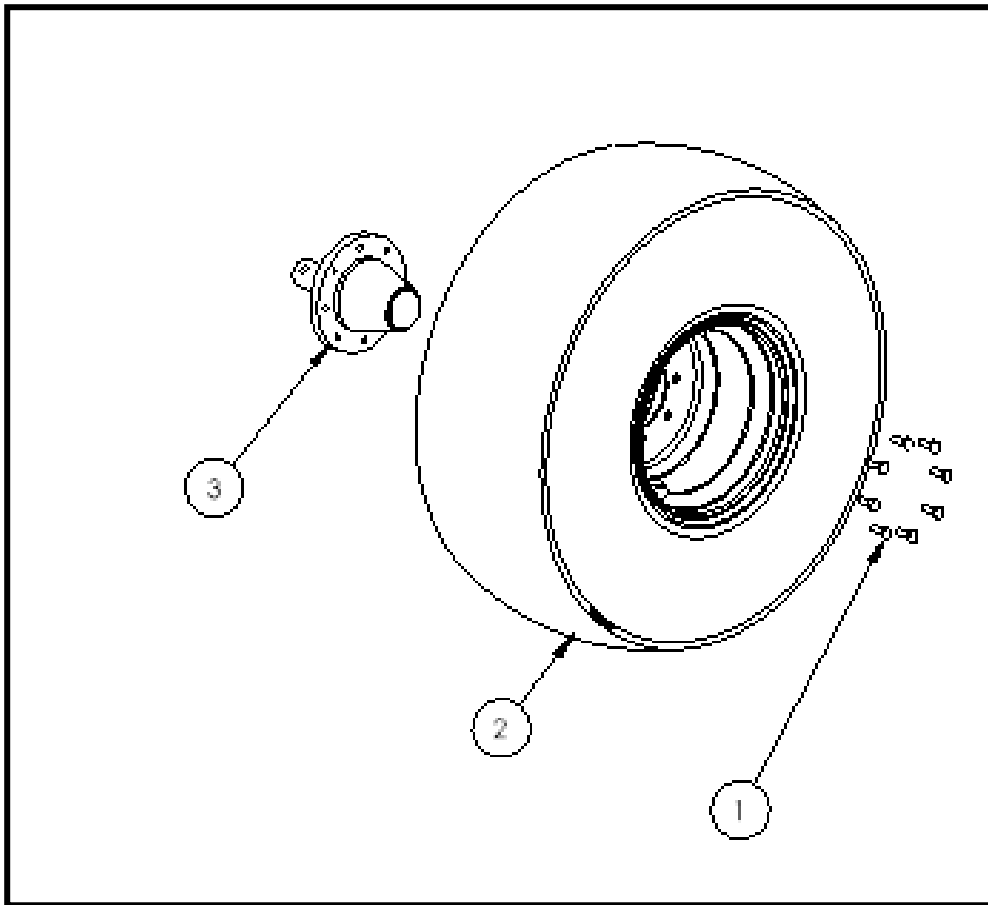
Item #	Description	ID number	QTY.
1	9/16" x 3/4" NF Wheel Stud	10347	8
2	Tire 14L-16.1 SL	22851	1
3	6500 lb Axle Spindle	29679	1

Torque Wheel Studs to 125 ft-lb

Tire Pressure 52 PSI



Spindle and Rim Assembly (Optional Oversized Tires)



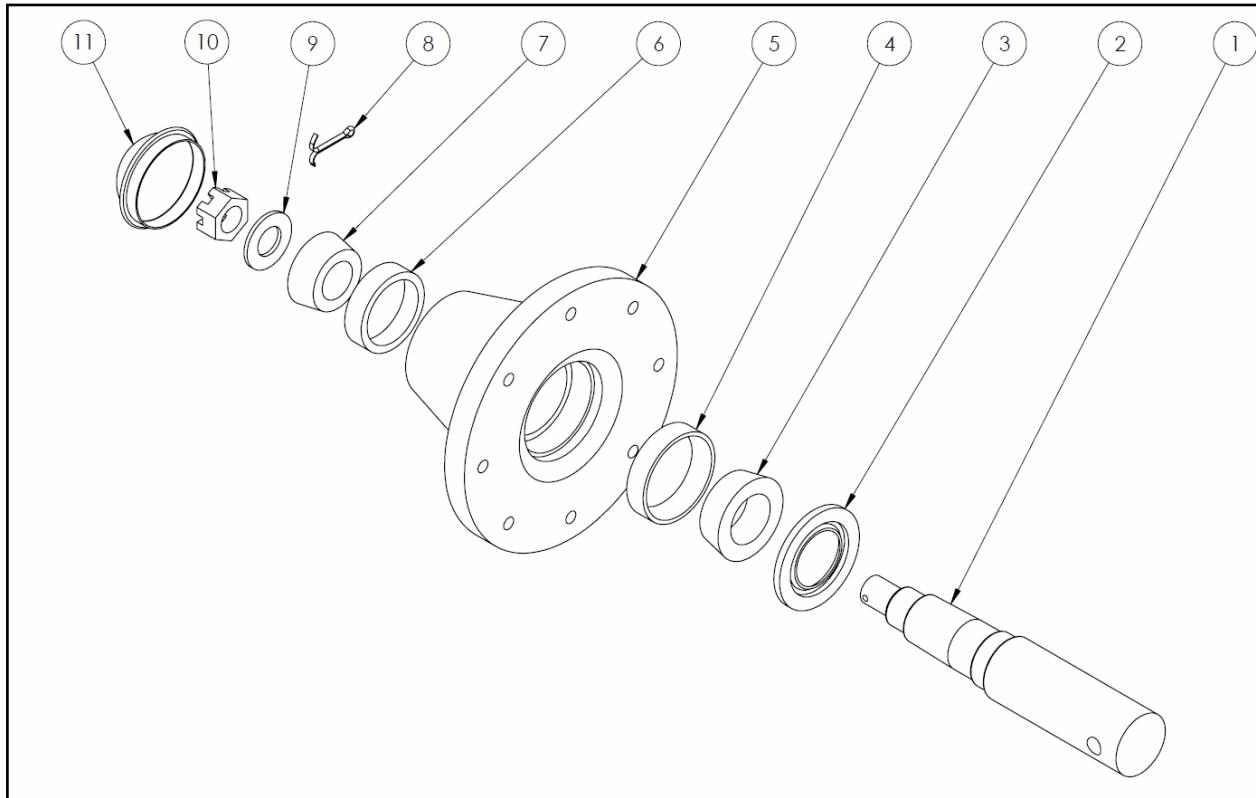
Item #	Description	ID number	QTY.
1	9/16" x 3/4" NF Wheel Stud	10347	8
2	Tire 16.5L-16.1	12850	1
3	6500 Lb Axle Spindle	29679	1

Torque Wheel Studs to 125 ft-lb

Tire Pressure 36 PSI



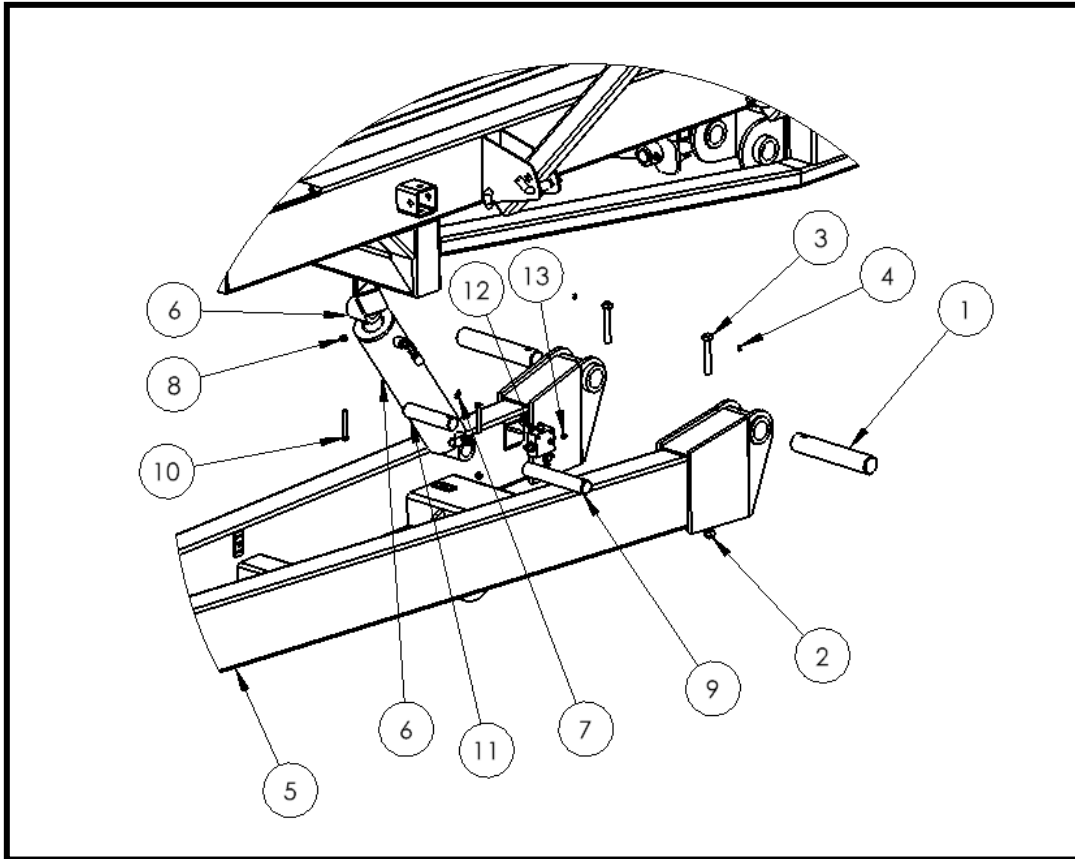
6500 Lb Spindle Assembly



Item #	Description	ID #	Bearing #	QTY.
	Complete Assembly	29679		1
1	6500lb Spindle	29730		4
2	Seal, 2" ID	10344		4
3	Inner Bearing Cone, 1-3/4" ID	10345	25590	4
4	Inner Bearing Race	10349	25520	4
5	Hub Housing * Includes #4 & #6 *	10343		4
6	Outer Bearing Race	10346	25821	4
7	Outer Bearing Cone, 1-3/8" ID	10348	25877	4
8	Cotter Pin, 3/16" x 1-1/2"	10072		4
9	Flat Washer, 1-1/6" ID x 2" OD	10071		4
10	Castle Nut, 1" NF	10153		4
11	Dust Cap	10350		4



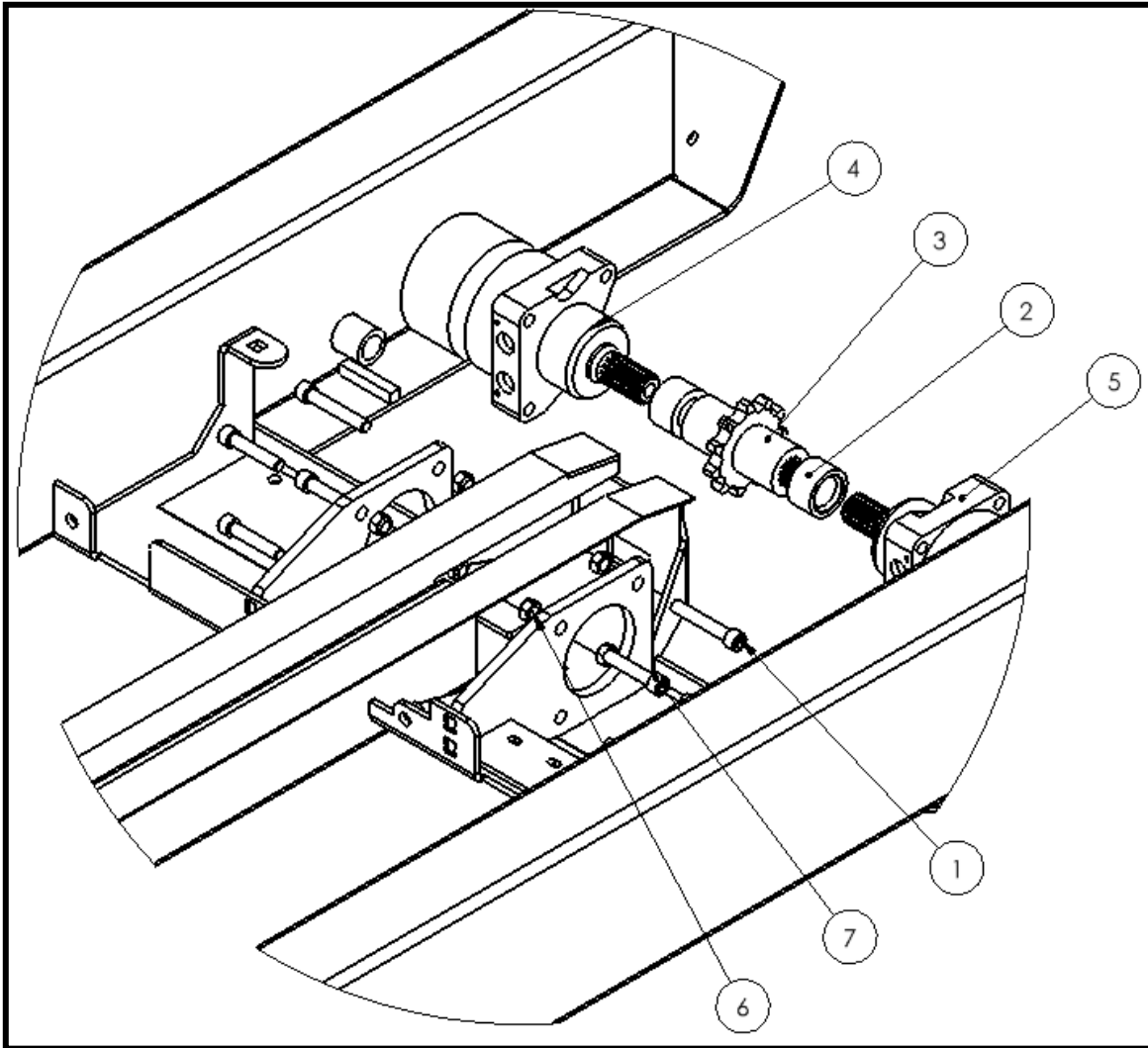
A Frame



Item #	Description	ID number	QTY.
1	Wing Cylinder Pin	35437	2
2	5/8" Nylon Lock Nut	10241	2
3	5/8" x 4" Bolt	24417	2
4	0.25 -28 Self Tap Grease Zerk	16364	2
5	Hitch A Frame	NSS	1
6	Hydraulic Cylinder (4 x 14 x 2 0 Deg)	24459	1
7	1/4" -28 Self Tapping Grease Zerk 45 Deg	20888	2
8	7/16" Nylon Lock Nut	10799	2
9	Side Arm Pin 8.875"	35580	1
10	7/16" x 3" Bolt	21784	2
11	Side Arm Cylinder Pin 6.75	35579	1
12	Pilot Operated Check Valve	19114	1
13	5/16" Nylon Lock Nut	11815	2



Motor Mount



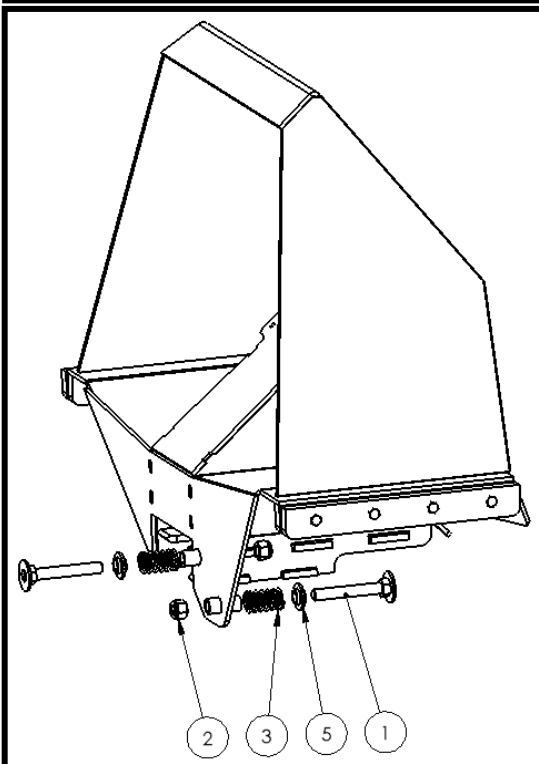
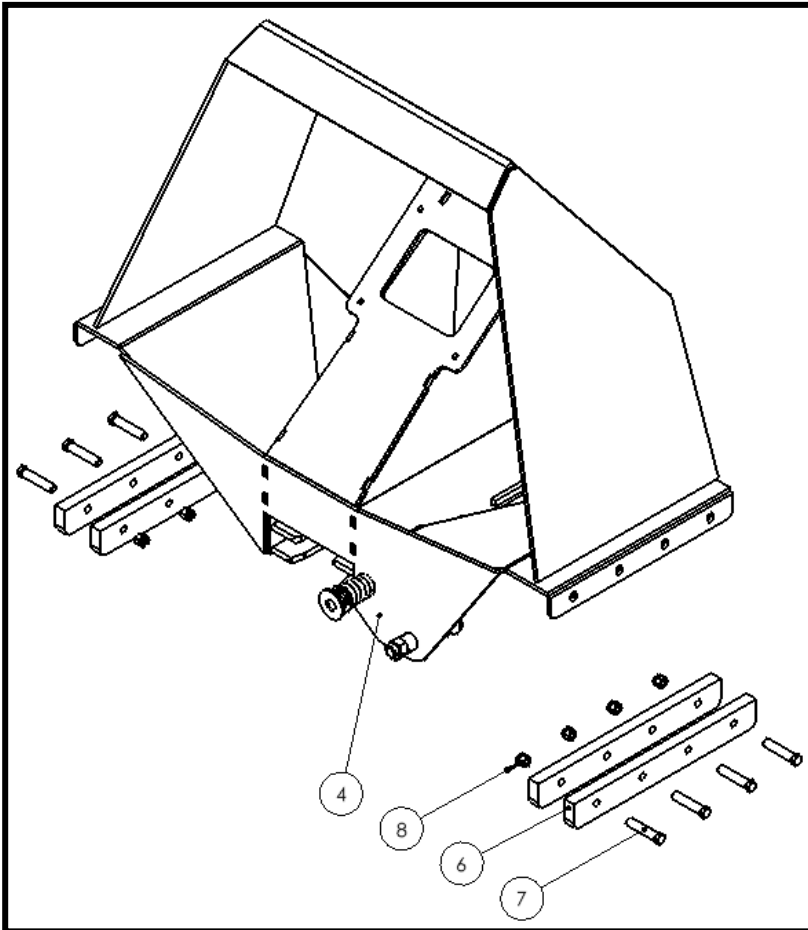
Note: Torque the six 1/2" x 2 1/2" Allen Head Bolts to 30 ft-lb

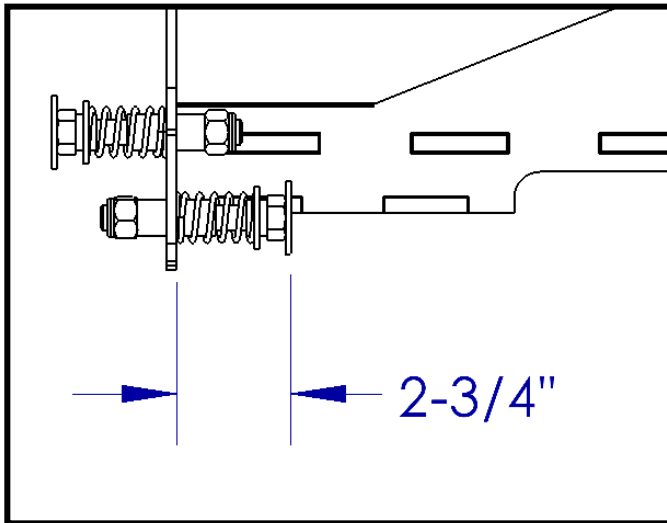
Item #	Description	ID number	QTY.
1	1/2" x 3" Allen Head Bolt	25952	2
2	Sprocket Spacer	34759	2
3	Motor Chain Sprocket Weldment	34776	1
4	Hydraulic Motor LH Seal Kit	28702 25891	1
5	Hydraulic Motor RH Seal Kit	28703 25891	1
6	1/2" Stover Lock Nut	14393	8
7	1/2" x 2 1/2" Allen Head Bolt	16863	6



Sled Assembly

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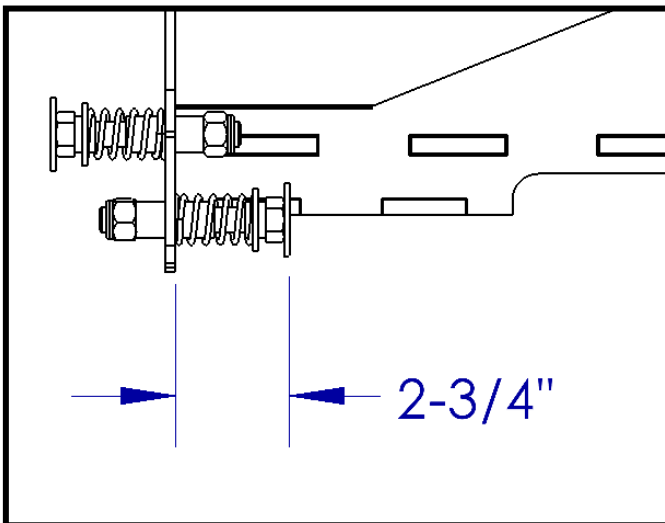
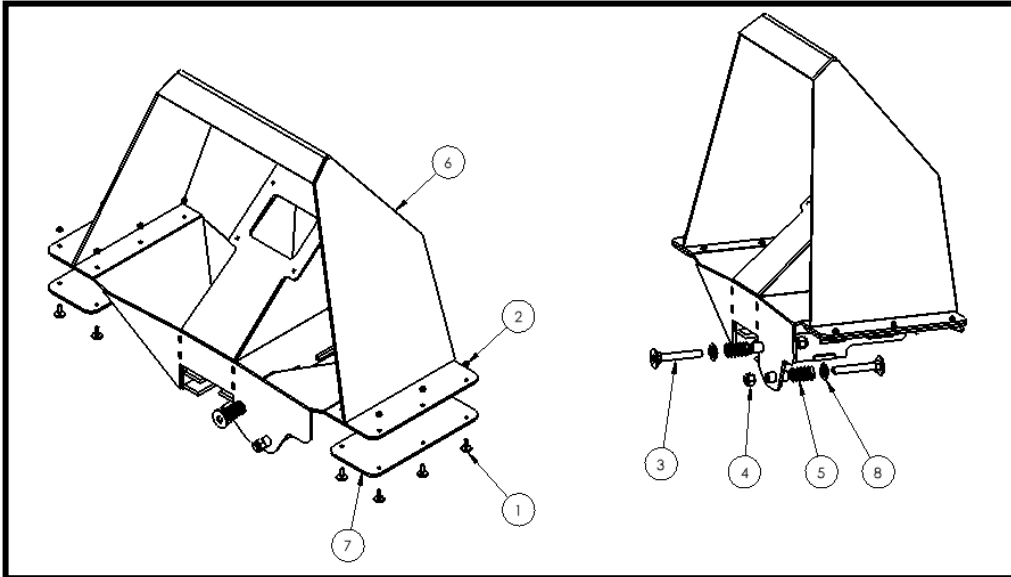




Item #	Description	ID number	QTY.
1	Sled Stop Striker Pin	35056	2
2	5/8" Nylon Lock Nut	10364	2
3	Caster Lock Spring	28842	2
4	Sled Weldment	34777	1
5	Step Washer	34790	2
6	Sled Runner	35621	4
7	3/8" x 2 1/4" Bolt	11661	8
8	3/8" Nylon Lock Nut	10806	8



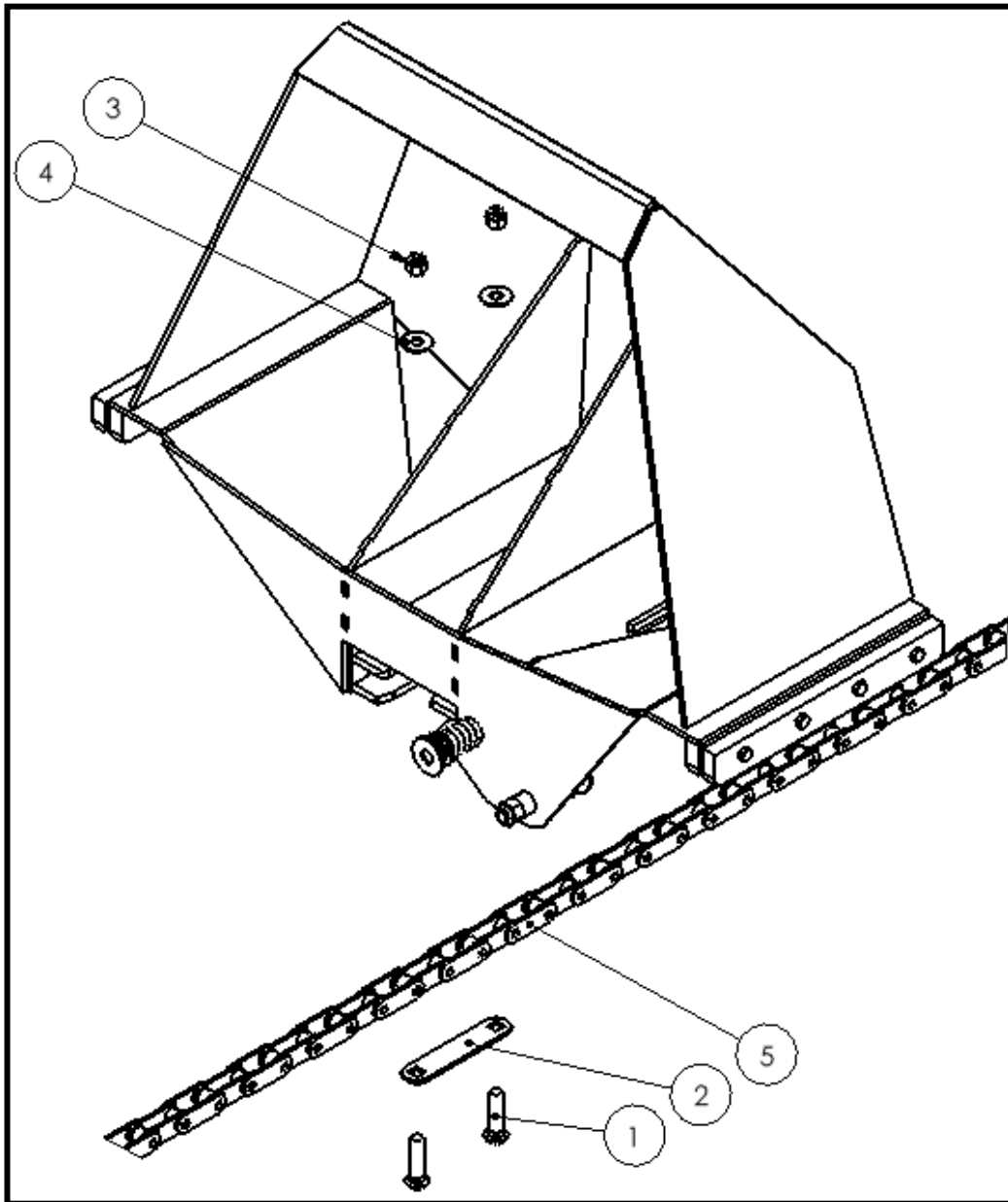
S/N 26227 - 26232



Item #	Description	ID number	QTY.
1	Elevator Bolts	17970	12
2	1/4" Nylon Lock Nut	111664	12
3	Sled Stop Striker Pin	35056	2
4	5/8" Nylon Lock Nut	10364	2
5	Caster Lock Spring	28842	2
6	Sled Weldment	34777	1
7	Sled Slider Top	34583	2
8	Step Washer	34790	2



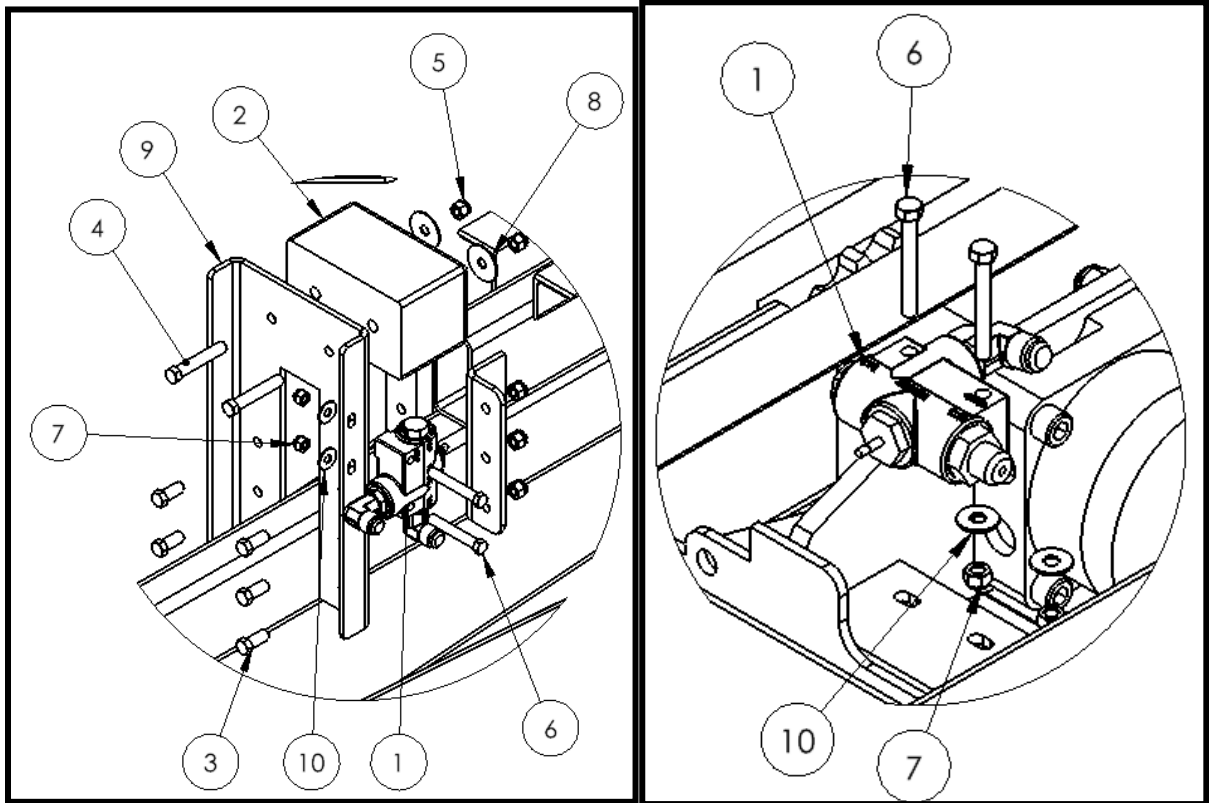
Sled Attachment



Item #	Description	ID number	QTY.
1	½" x 2 ¼" Carriage Bolt	34761	2
2	Sled Chain Attachment	34801	1
3	½" Nylon Lock Nut	10241	2
4	½" Flat Washer	11668	2
5	C2080H Chain Chain Connector Link	34760 23093	1



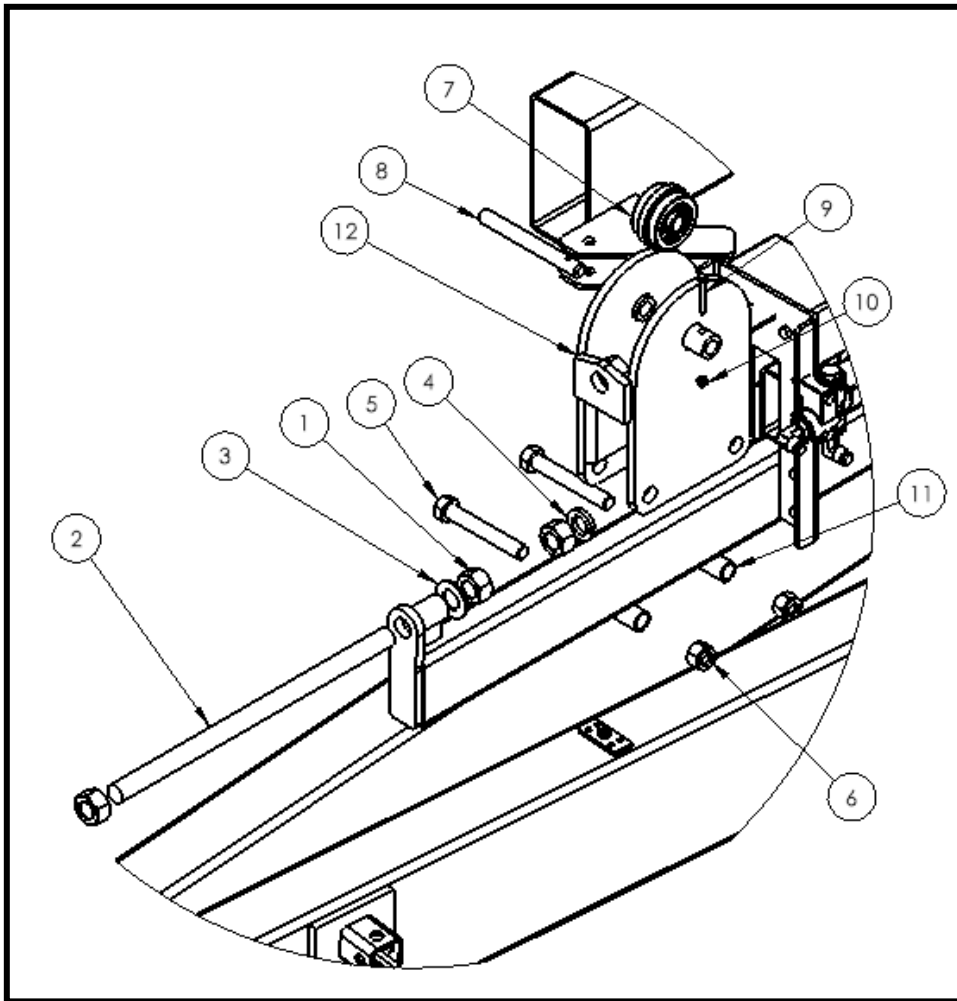
Sled Stops



Item #	Description	ID number	QTY.
1	Depth Control Valve	30980	2
2	Dock Bumper 6" x 3 1/2" x 3 1/2"	34142	1
3	3/8" x 1" Bolt	13806	6
4	3/8" x 2 1/2" Bolt	26307	2
5	3/8" Nylon Lock Nut	10806	8
6	5/16" x 2 1/4" Bolt	35606	4
7	5/16" Nylon Lock Nut	11815	4
8	3/8" Washer Fender	13773	2
9	Front Sled Barrier	34744	1
10	5/16" Flat Washer	12496	4



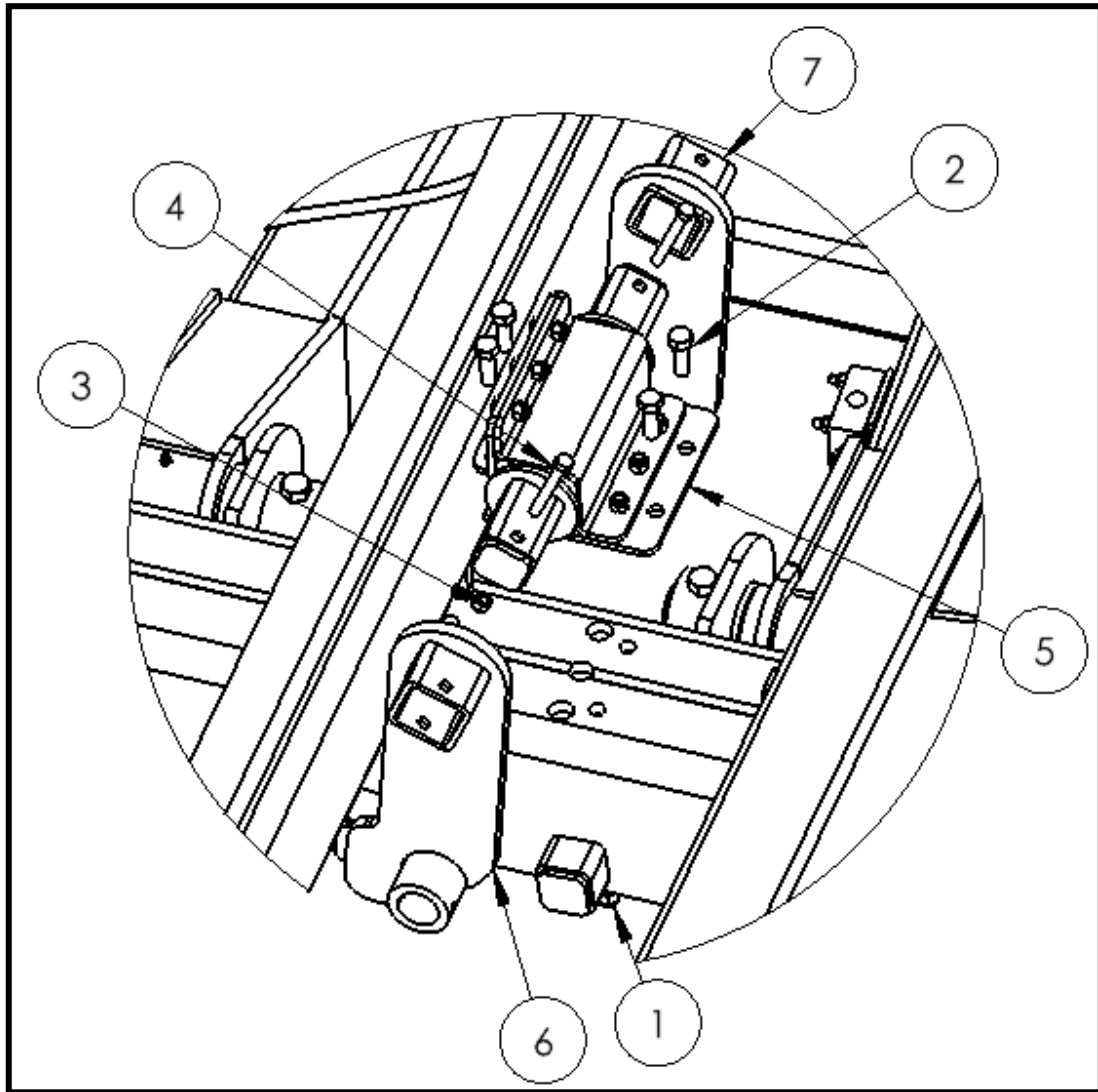
Chain Tensioner



Item #	Description	ID number	QTY.
1	1" Hex Nut	12946	3
2	1" Threaded Rod 18.625" Long	34697	1
3	1" Flat Washer	14472	1
4	1" Lock Washer	13795	1
5	3/4" x 5" Bolt	17826	2
6	3/4" Nylon Lock Nut	10007	2
7	Idler Wheel Assembly	34460	1
8	Chain Tensioner Pin (6.5")	35584	1
9	1/4" x 1 1/2" Bolt	24414	1
10	1/4" Stover Lock Nut	17637	1
11	Tensioner Roller	34746	2
12	Chain Tensioner Carriage	34871	1



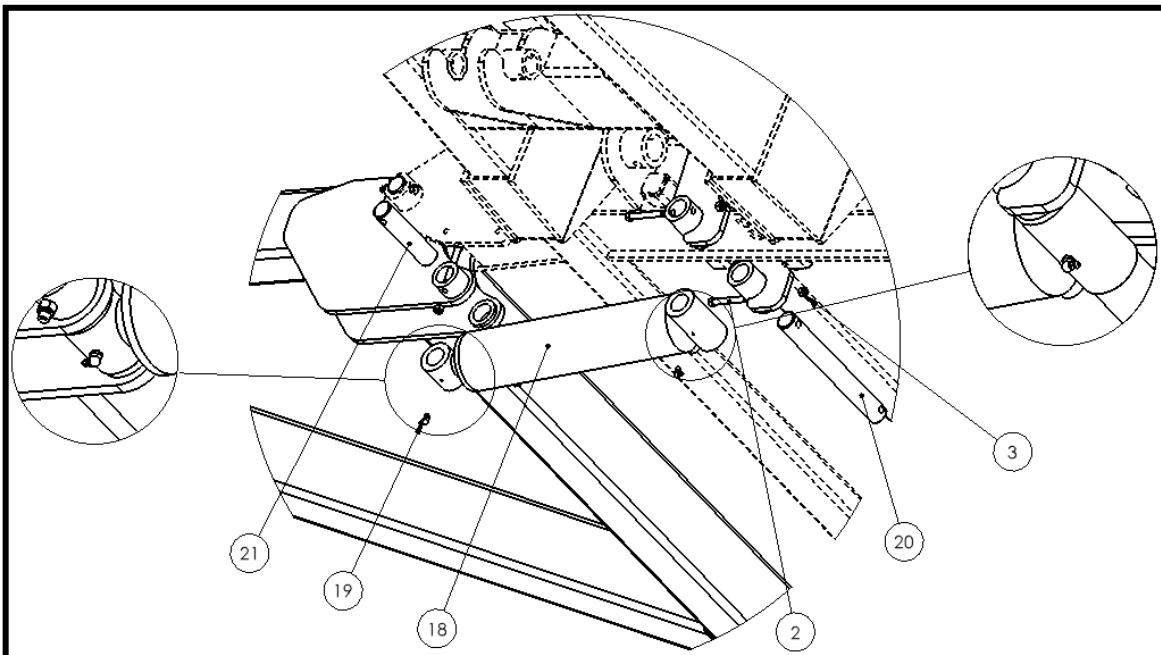
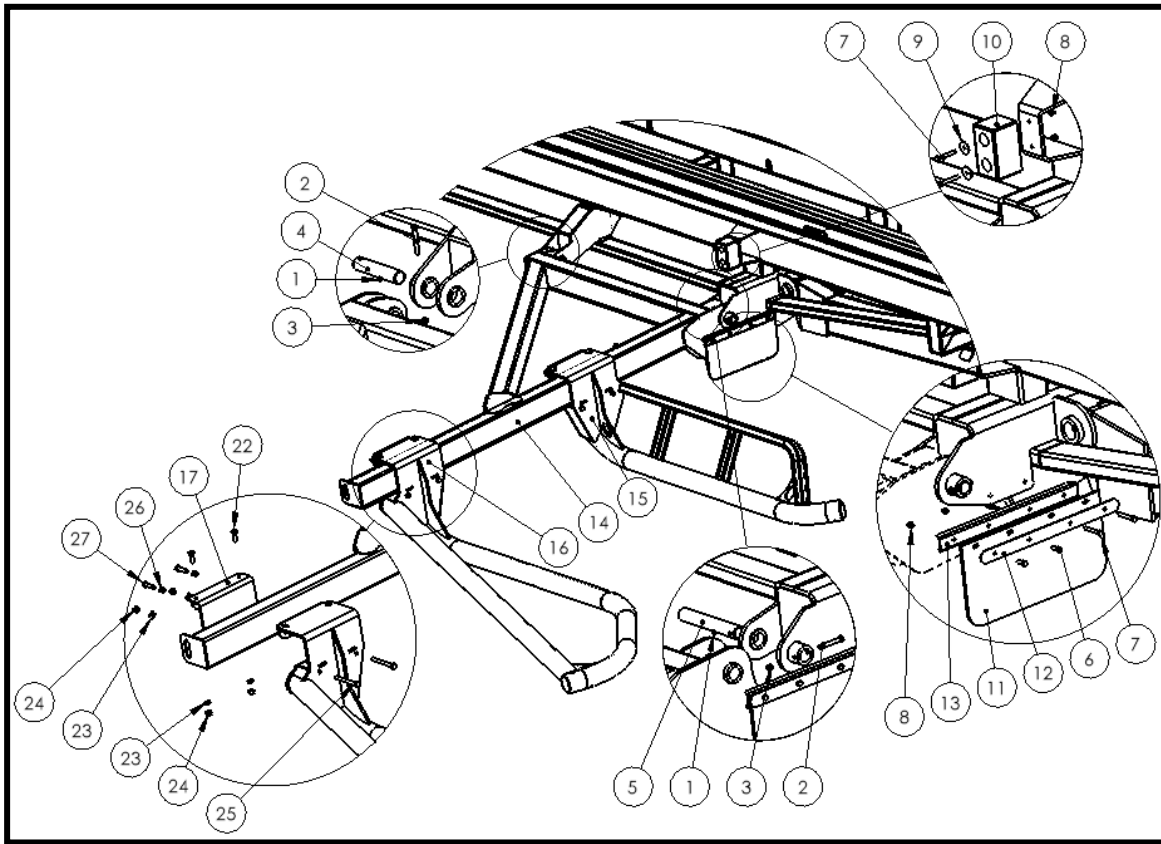
Arm Float

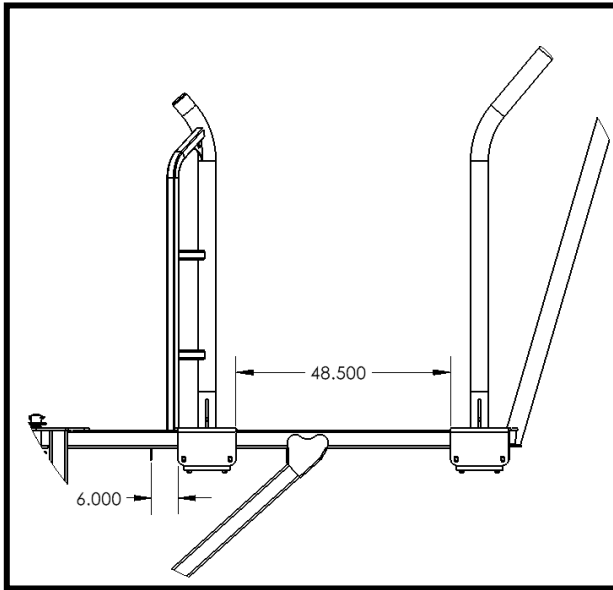


Item #	Description	ID number	QTY.
1	1/2" Nylon Lock Nut	10241	4
2	1/2" x 1 1/2" Bolt	10174	4
3	3/8" Nylon Lock Nut	10806	2
4	3/8" x 3" Bolt	13770	2
5	Arm Float	34930	1
6	Arm Float Rear Arm	34779	1
7	Arm Float Front Arm	34778	1



Lifting Arm





Default Factory Fork Tine Position

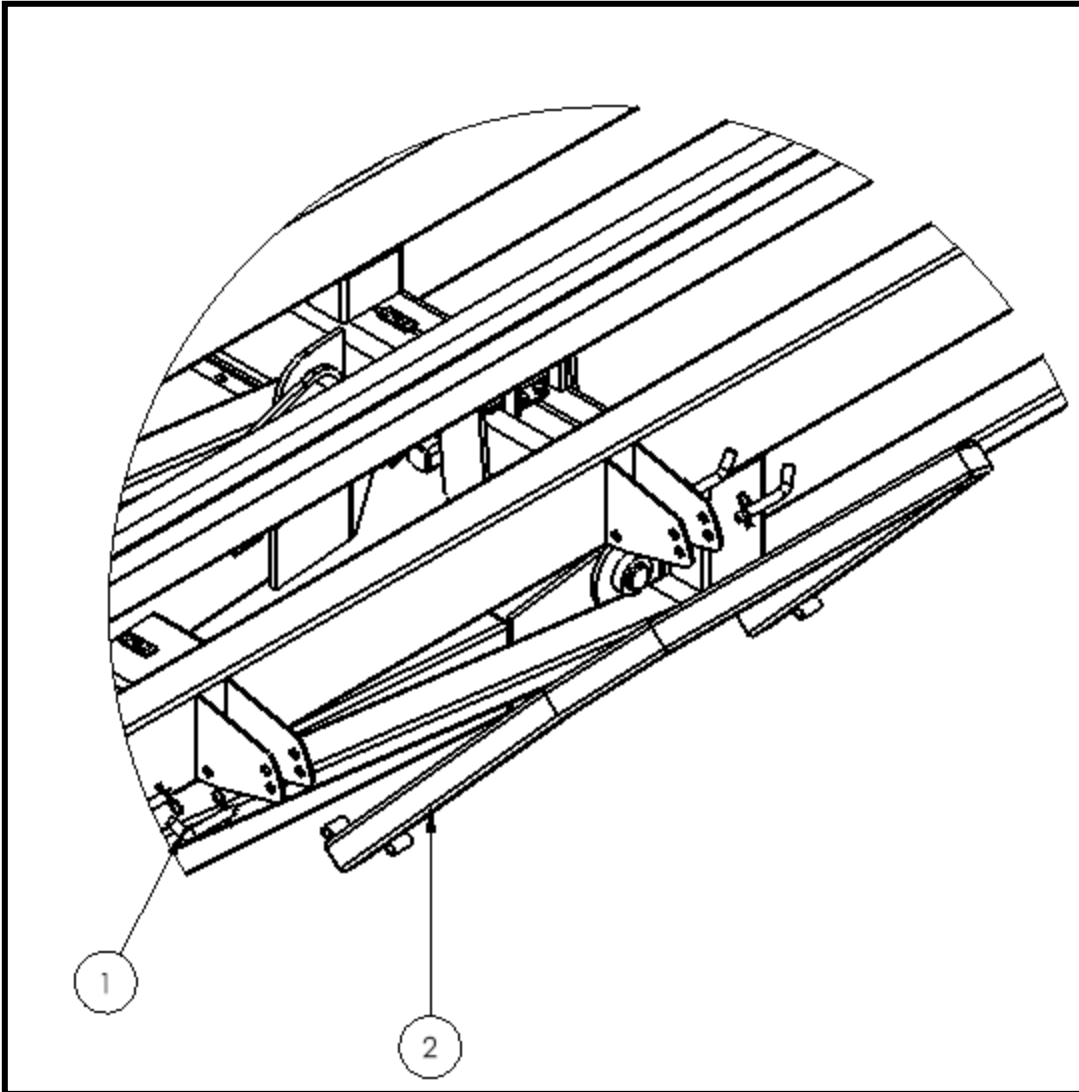
Item #	Description	ID number	QTY.
1	1/4" -28 Self Tapping Grease Zerk	16364	2
2	7/16" x 3" Bolt	21784	5
3	7/16" Nylon Lock Nut	10799	5
4	Side Arm Pin 6.25	35583	1
5	Side Arm Pin 9.625"	35582	1
6	3/8" x 1" Bolt	13806	2
7	3/8" x 2 1/2" Bolt	26307	4
8	3/8" Nylon Lock Nut	10806	6
9	3/8" Fender Washer	13773	2
10	Dock Bumper 6" x 3 1/2" x3 1/2"	34142	1
11	Mudflap	26303	1
12	Mudflap Bracket 1	26304	1
13	Mudflap Bracket 2	26305	1
14	Side Arm	27750	1
15	Inside Fork	34967	1
16	Outside Fork	34969	1
17	Fork Tine Clamp	34788	2
18	Hydraulic Cylinder (4 x 14 x 2 0 Deg)	24459	1
19	1/4" -28 Self Tapping Grease Zerk 90 Deg	16389	2



Item #	Description	ID number	QTY.
20	Side Arm Float Pin 12.375	35581	1
21	Side Arm Cylinder Pin 6.75	35579	1
22	5/8" x 2" Bolt Carriage	16361	4
23	5/8" Flat Washer	13975	8
24	5/8" Nylon Lock Nut	10364	8
25	5/8"x 6" UNC Bolt	34762	4
26	5/8" Hex Nut	10176	4
27	5/8" x 2 1/2" Bolt Full Thread	10008	4



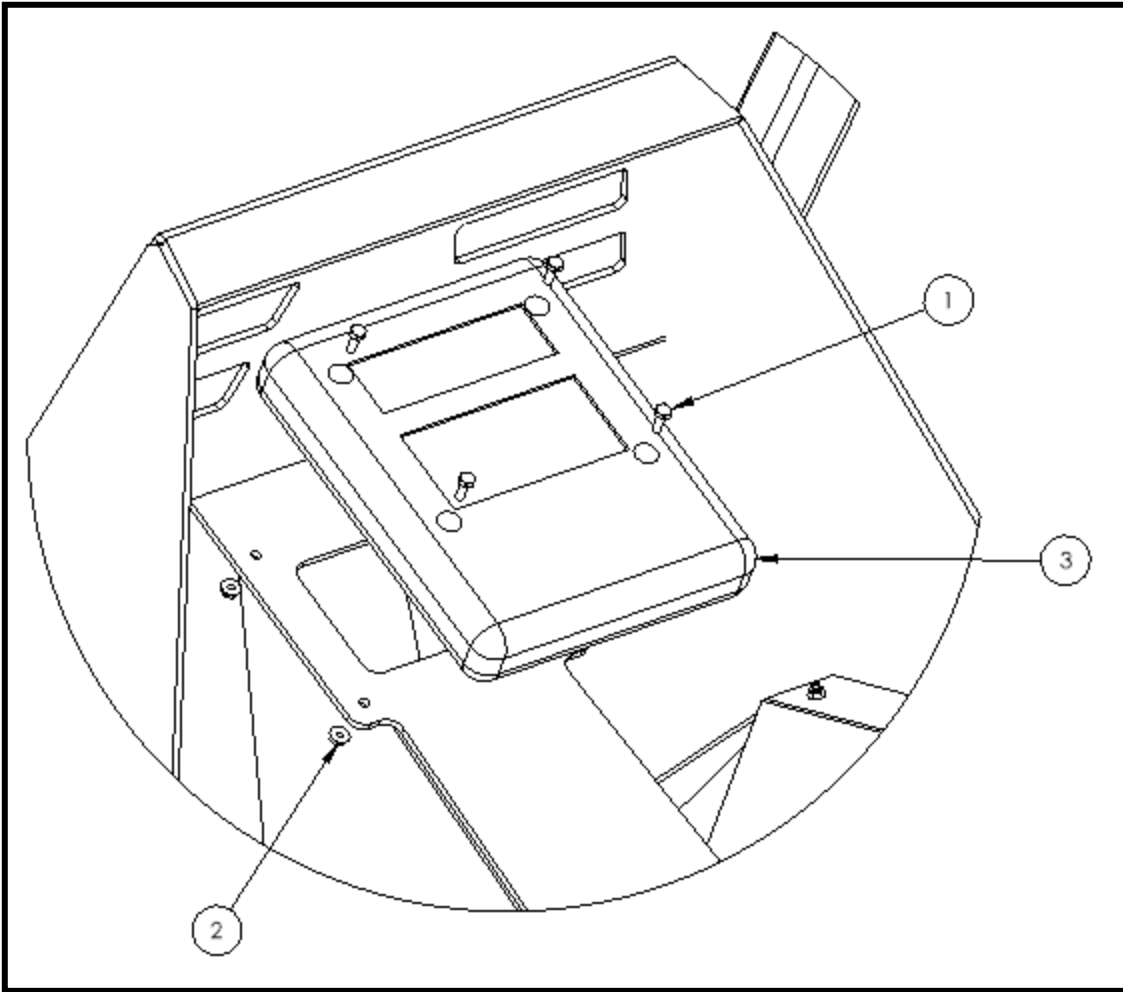
Roll Over Stop



Item #	Description	ID number	QTY.
1	3/4" x 3 1/2" Bent Pull Pins	34457	4
2	Roll Over Stop	34775	1



Manual Holder

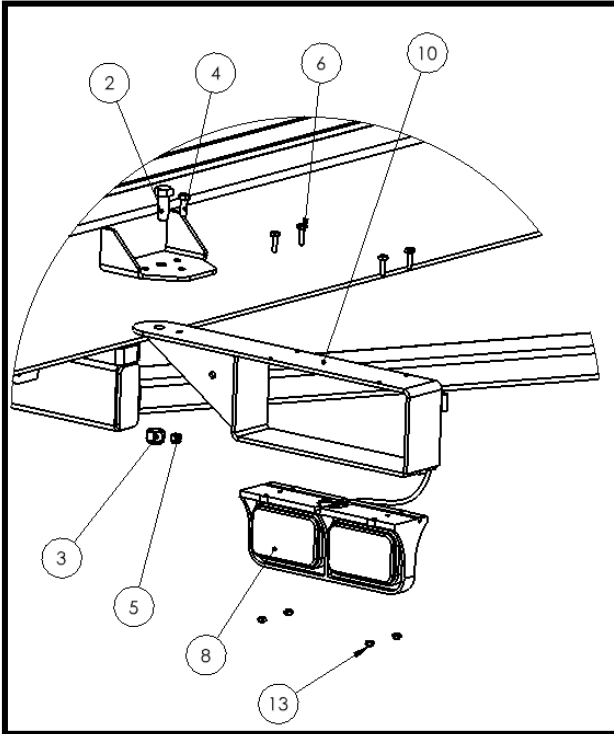


Item #	Description	ID number	QTY.
1	1/4" x 3/4" Bolt	11809	4
2	1/4" SF Nut	11812	4
3	Operators manual box	22409	1

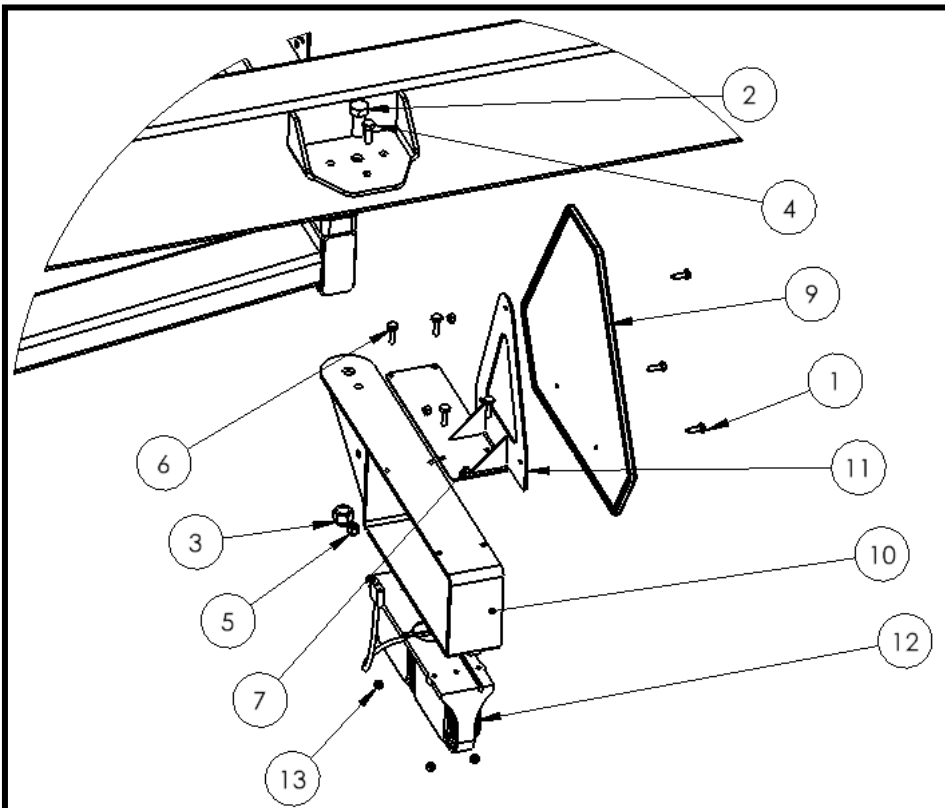


SMV Sign and Lights Right Hand Side

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Left Hand Side



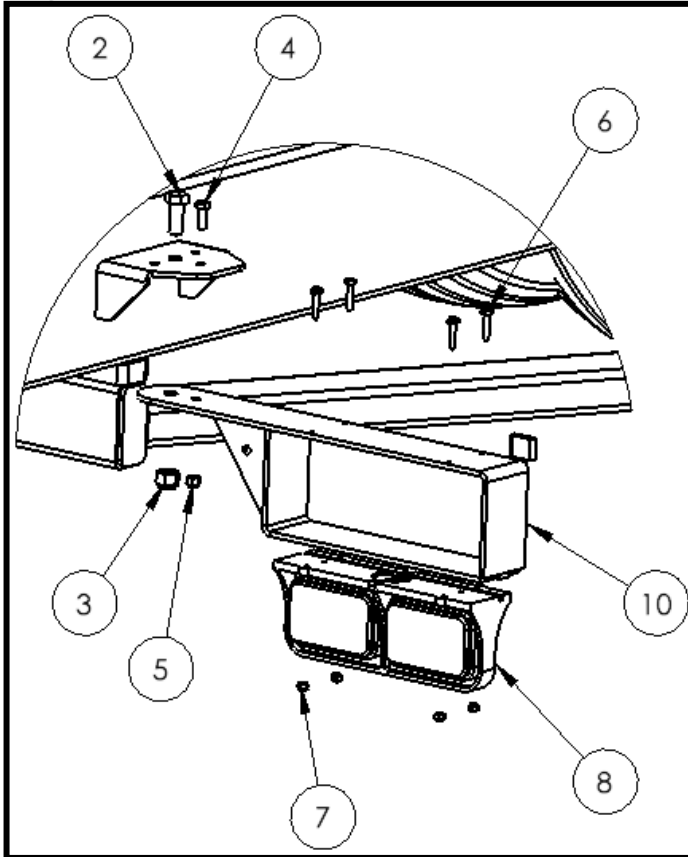


Item #	Description	ID number	QTY.
1	1/4" x 3/4" Bolt	11812	3
2	5/8" x 1 1/2" Bolt	33953	2
3	5/8" Nylon Lock Nut	10364	2
4	3/8" x 1" Bolt	13806	2
5	3/8" Nylon Lock Nut	10806	2
6	1/4" x 1" Bolt	11810	8
7	1/4" Nylon Lock Nut	11664	3
8	Left Light	31087	1
9	SMV Sign	22411	1
10	Break Away Light	34791	2
11	SMV Sign Bracket	34792	1
12	Right Light	31088	1
13	1/4" Stover Lock Nut	17637	8

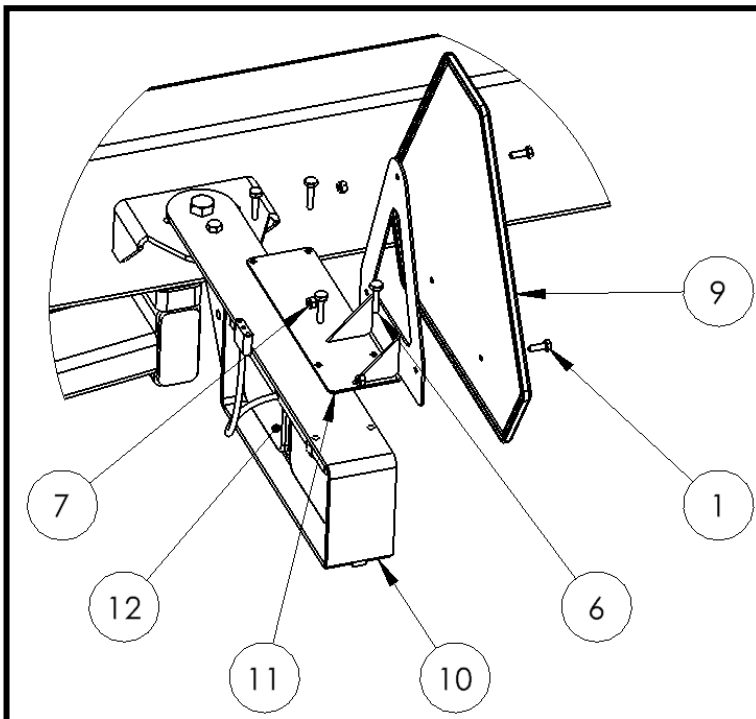


Right Hand Side

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Left Hand Side

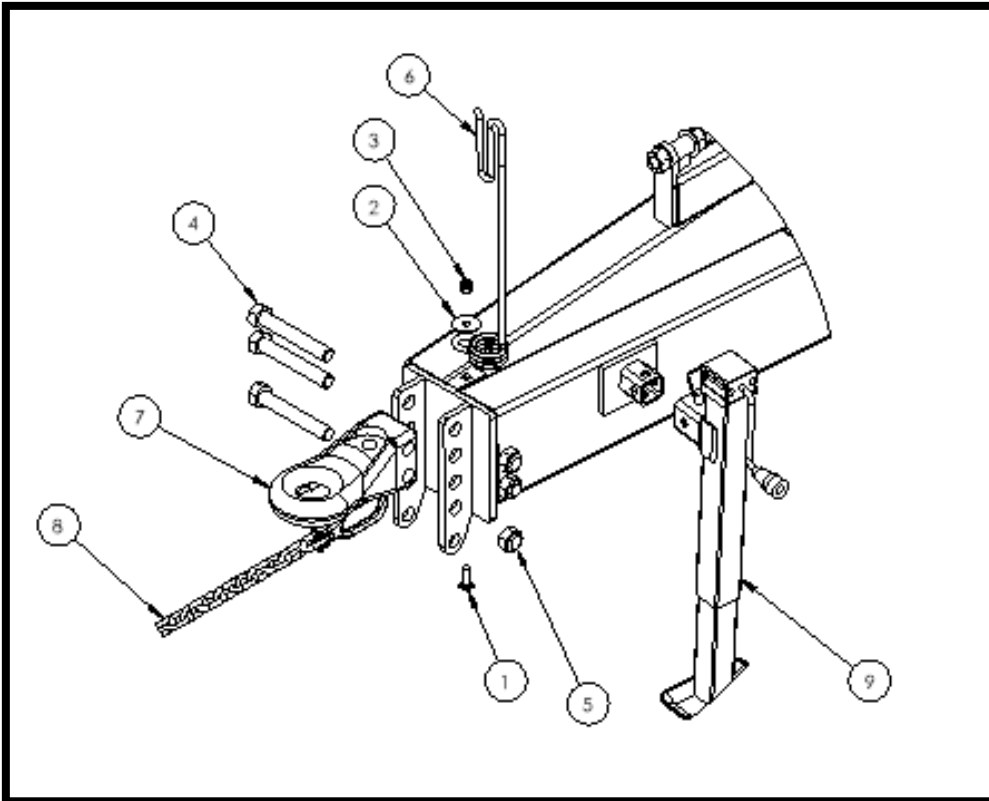




Item #	Description	ID number	QTY.
1	1/4" x 3/4" Bolt	11812	3
2	5/8" x 1 1/2" Bolt	33953	2
3	5/8" Nylon Lock Nut	10364	2
4	3/8" x 1" Bolt	13806	2
5	3/8" Nylon Lock Nut	10806	2
6	1/4" x 1 1/4" Bolt	12375	8
7	1/4" Nylon Lock Nut	11664	11
8	Left Light	31087	1
9	SMV Sign	22411	1
10	Break Away Light	34791	2
11	SMV Sign Bracket	34792	1
12	Right Light	31088	1



Hitch, Jack, and Hose Holder

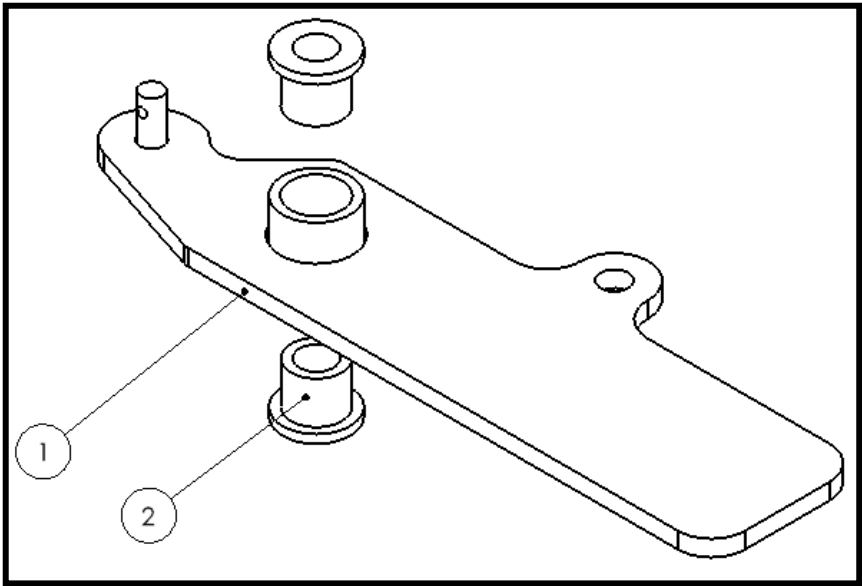


Item #	Description	ID number	QTY.
1	½" x 1 ½" Carriage Bolt	14462	1
2	½" Fender Washer	10238	1
3	½" Nylon Lock Nut	10241	1
4	1" x 6 1/2" Bolt	28426	3
5	1" Stover Lock Nut	21746	3
6	Spring Hose Holder	17967	1
7	Hitch (Vertical 7500 lbs)	23404	1
8	Safety Chain 3/8" W/D Ring & Latch 21000LB 52"	23559	1
9	5000 lb Sidewind Jack Square Mount Comes with Pin	31637	1

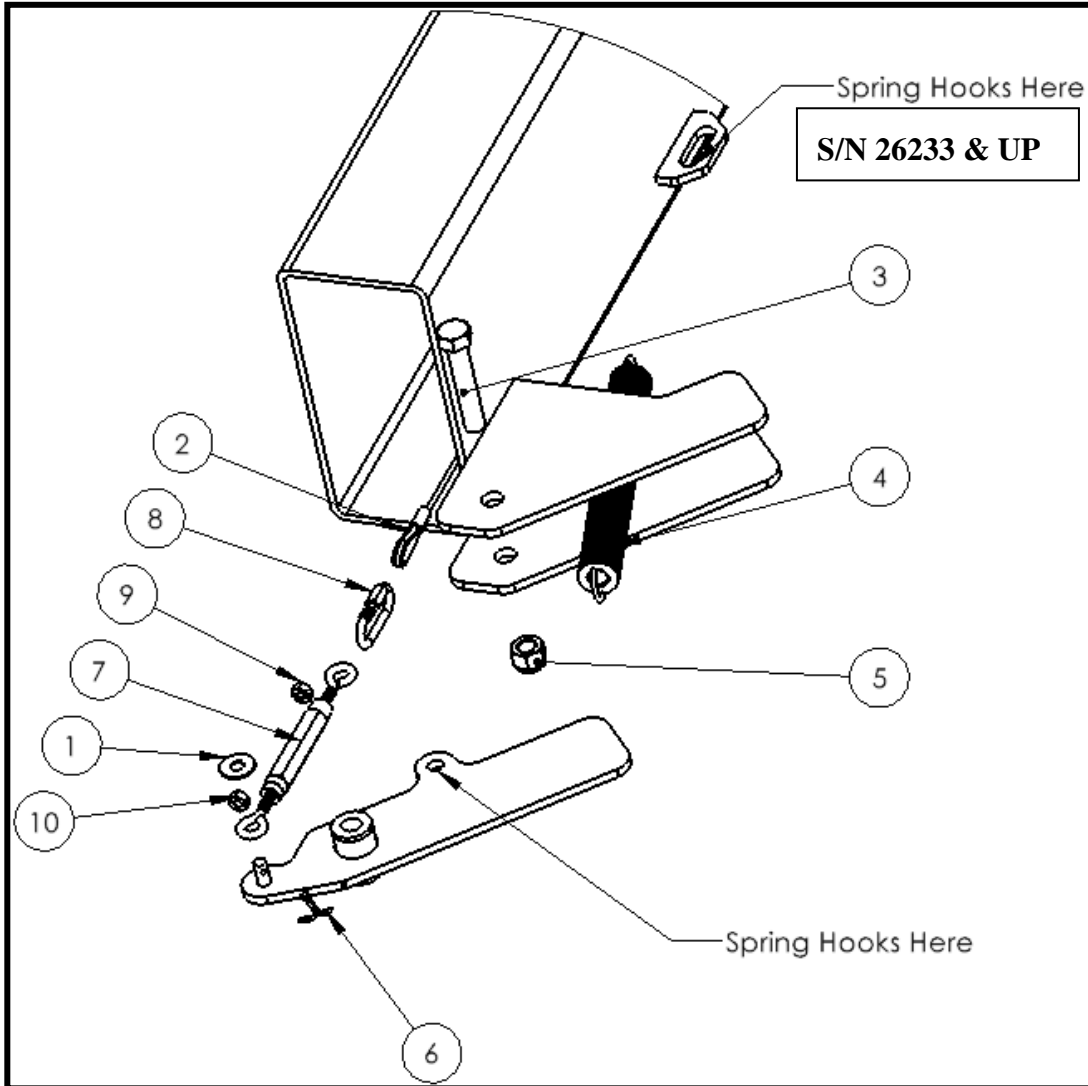


Front Full Load Indicator

S/N 26233 & UP



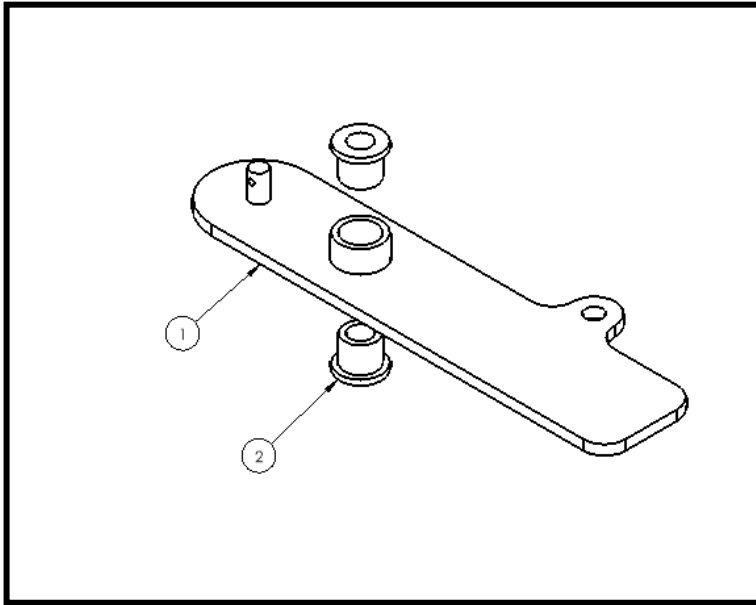
Item #	Description	ID number	QTY.
1	Front Full Load Indicator Flag Horizontal	34739	1
2	Bass Bushing (0.75 OD x 0.5" ID x 0.625 L)	33002	2



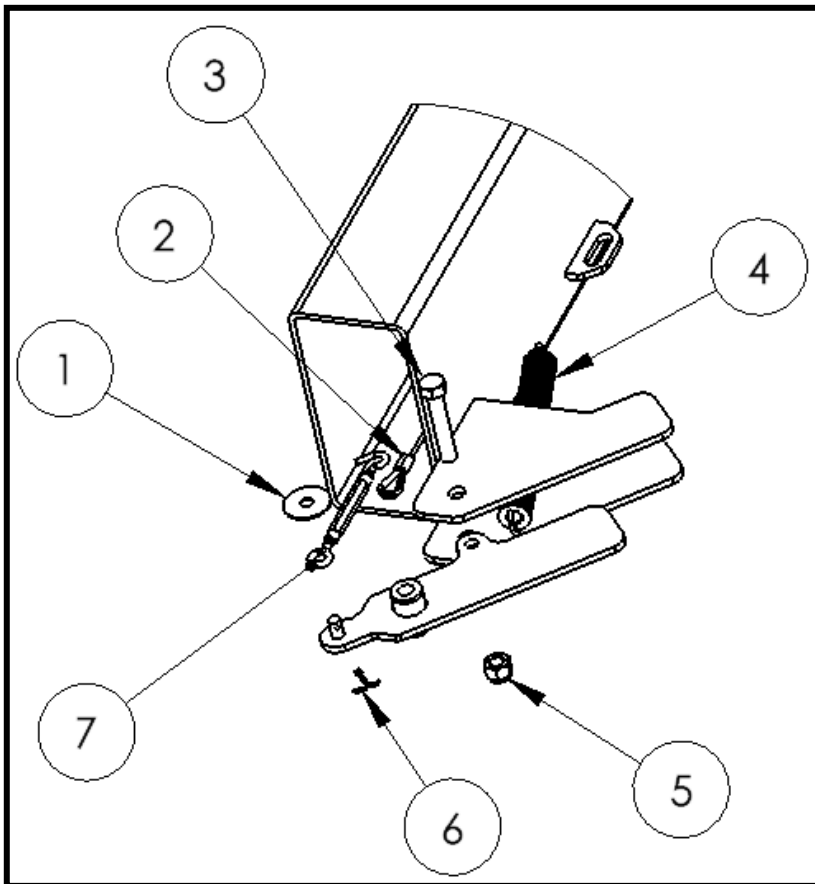
Item #	Description	ID number	QTY.
1	5/16" Flat Washer	12496	1
2	Full Load Indicator Wire Assembly	34763	1
3	1/2" x 2 3/4" Bolt	12378	1
4	Spring 1" x 0.12" x 8 1/2"	11787	1
5	1/2" Nylon Lock Nut	10241	1
6	Cotter Pin (.125 x 1)	21169	1
7	Closed Body Turnbuckle	34769	1
8	3/16" Quick Link	34504	1
9	1/4" Hex Nut	12904	1
10	1/4" Hex Nut Left Hand Thread	35605	1



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Item #	Description	ID number	QTY.
1	Front Full Load Indicator Flag Horizontal	34739	1
2	Bass Bushing (0.75 OD x 0.5" ID x 0.625 L)	33002	2



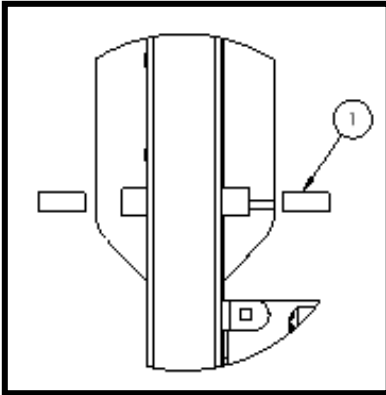
S/N 26227 - 26232



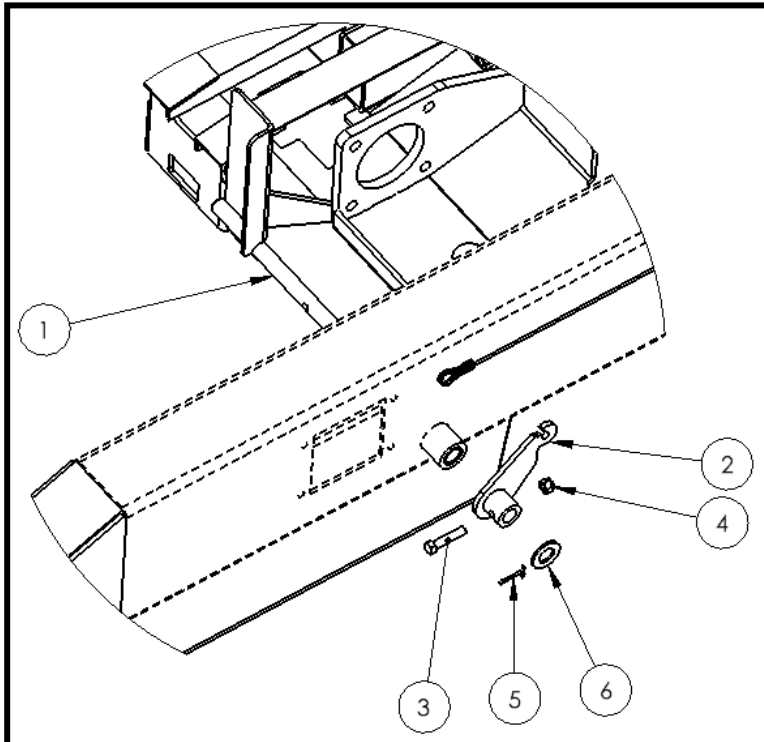
Item #	Description	ID number	QTY.
1	3/8" Washer Fender	13773	1
2	Full Load Indicator Wire Assembly	34763	1
3	1/2" x 2 3/4" Bolt	12378	1
4	Spring 1" x 0.12" x 8 1/2"	11787	1
5	1/2" Nylon Lock Nut	10241	1
6	Cotter Pin (.125 x 1)	21169	1
7	Closed Body Turnbuckle	34769	1



Rear Full load Indicator



Item #	Description	ID number	QTY.
1	Flail Bushing	10005	2

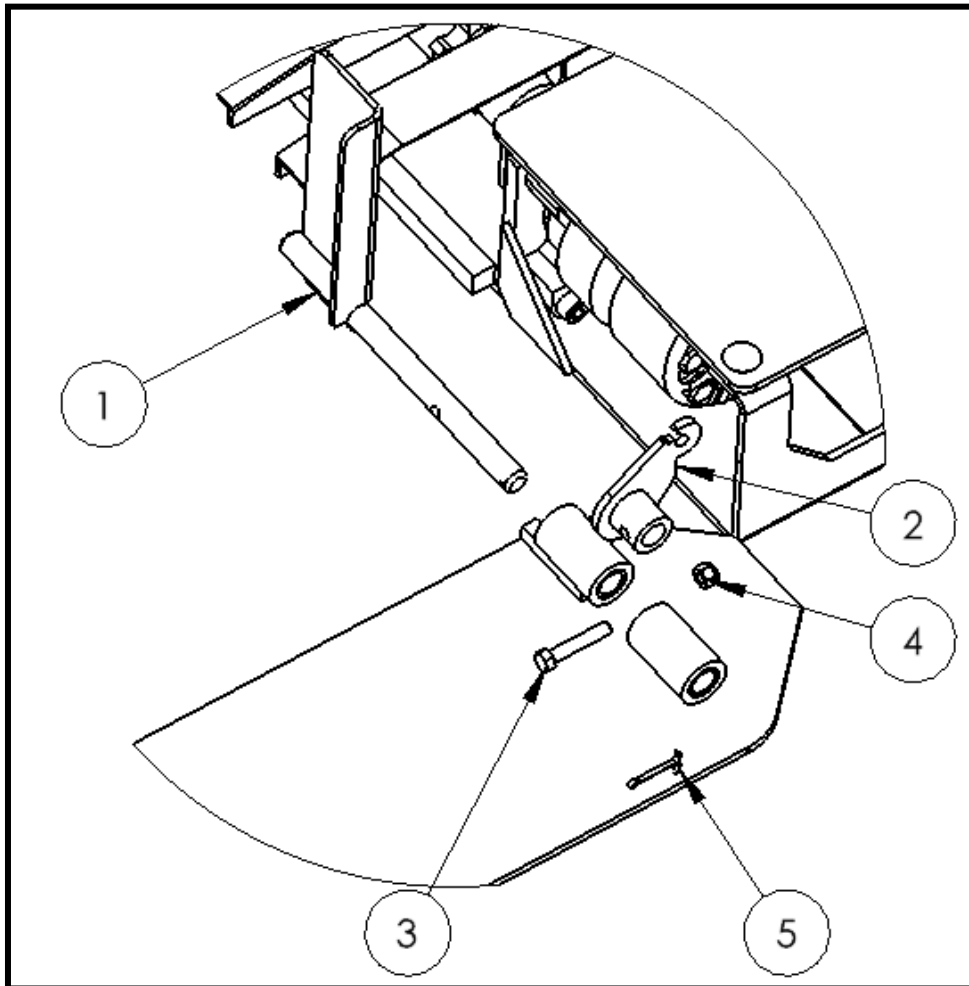


S/N 26233 & UP

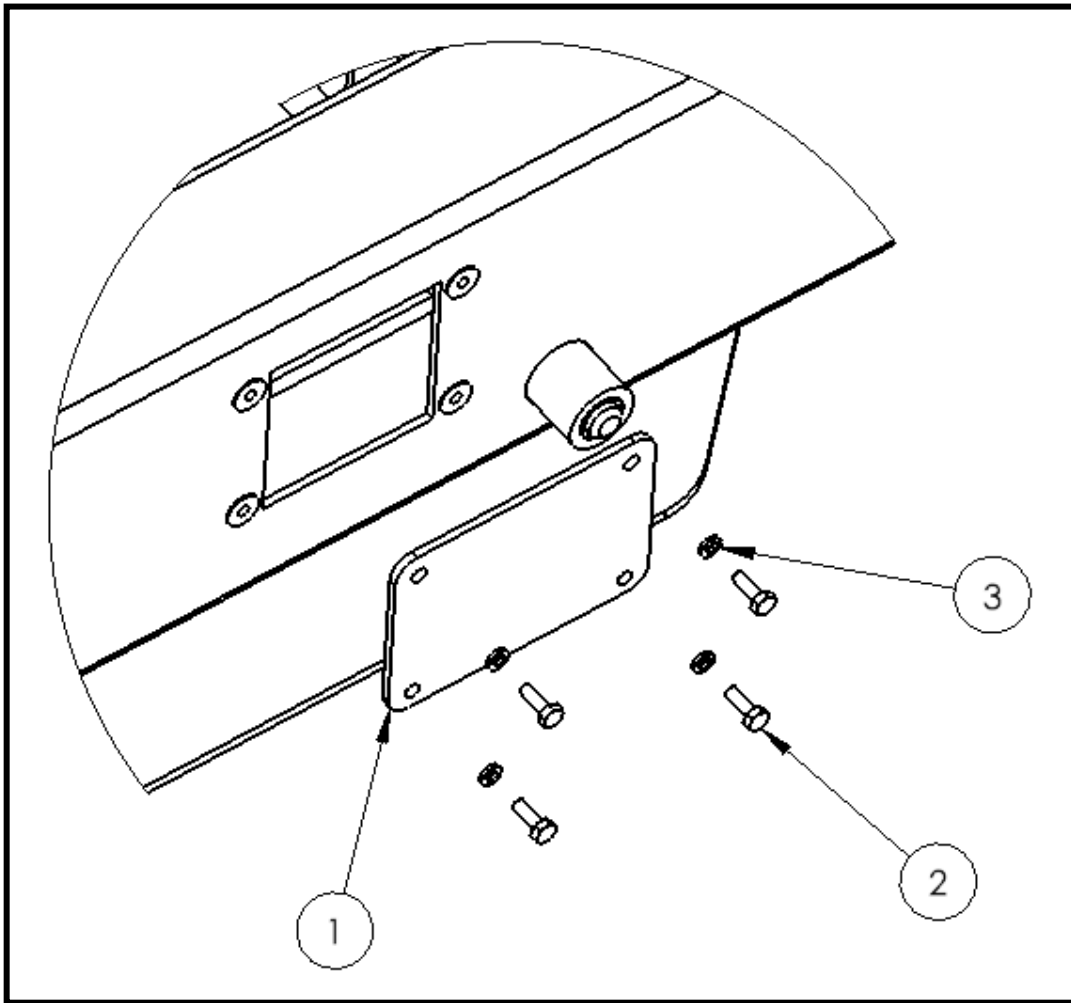
Item #	Description	ID number	QTY.
1	Full Load Indicator Rear Flag	34787	1
2	Full Load Indicator Rear Cam	34786	1
3	3/8" x 1 3/4" Bolt	16040	1
4	3/8" Nylon Lock Nut	10806	1
5	Cotter Pin (1/8" x 1 1/2")	30658	1
6	3/4" Washer Flat	13717	1



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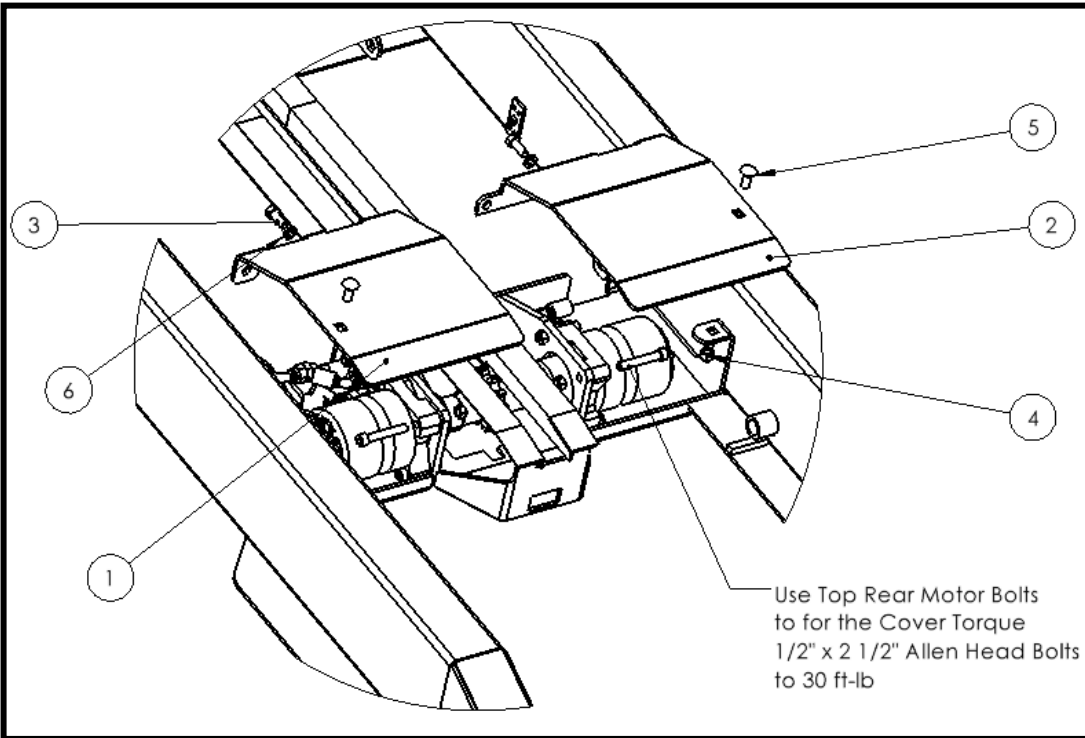
Item #	Description	ID number	QTY.
1	Full Load Indicator Rear Flag	34787	1
2	Full Load Indicator Rear Cam	34786	1
3	3/8" x 2" Bolt	10279	1
4	3/8" Nylon Lock Nut	10806	1
5	Cotter Pin (.156 x 1 1/2")	30658	1



Item #	Description	ID number	QTY.
1	Rear Full Load Indicator Access Panel	34799	1
2	1/4" x 3/4" Bolt	11809	4
3	1/4" Lock Washer	14448	4



Motor Covers

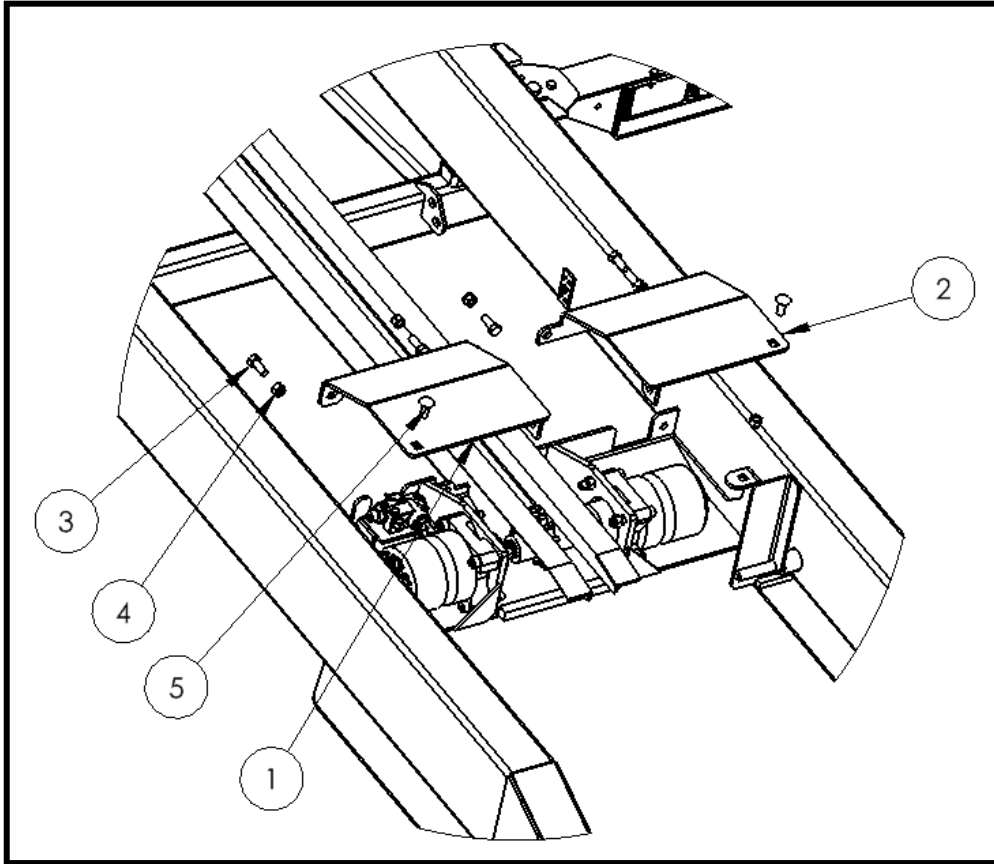


S/N 26233 & UP

Item #	Description	ID number	QTY.
1	Motor Cover Left	34784	1
2	Motor Cover Right	34783	1
3	1/2" x 1 1/4" Bolt	10240	4
4	1/2" Nylon Lock Nut	10241	2
5	1/2" x 1 1/4" Carriage Bolt	11819	2
6	1/2" Washer Lock	14447	4



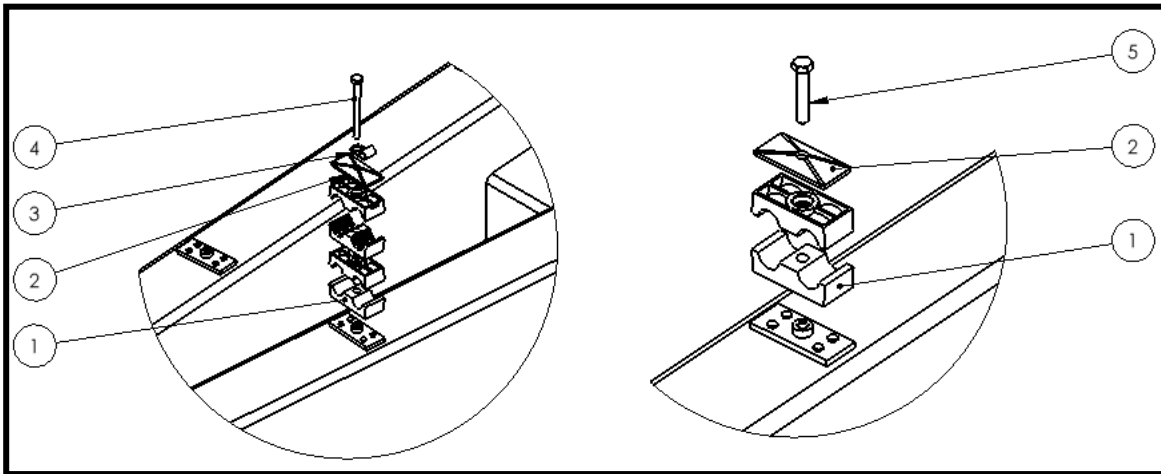
S/N 26227 - 26232



Item #	Description	ID number	QTY.
1	Motor Cover Left	34784	1
2	Motor Cover Right	34783	1
3	½" x 1 ¼" Bolt	10240	4
4	½" Nylon Lock Nut	10241	6
5	½" x 1 ¼" Carriage Bolt	11819	2

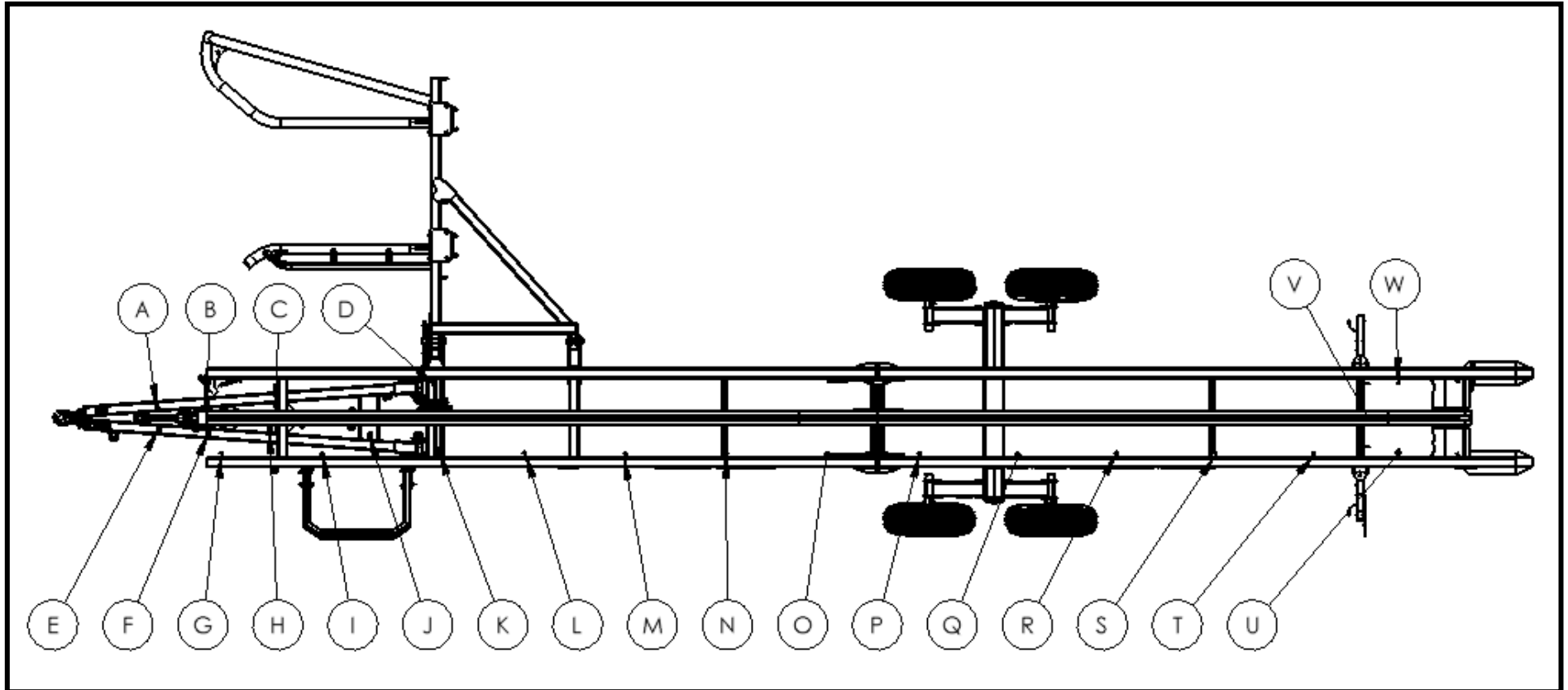


Hydraulic Hose Clamps & Wire Clamps



Item #	Description	ID number	QTY.
1	½” Hose Clamp	21561	*
	¾” Hose Clamp	22180	*
2	Hosse Clamp Top	21725	*
3	Wire Clamp	13629	*
4	5/16” X 3 ¼” Bolt	34756	*
5	5/16” x 1 ¾” Bolt	21726	*

*See Next Page for quantities





3 Remotes

Item #	Stack Height	Bottom Hose Size	Top Hose Size	Wire Clamp	Bolt Length
A	1	3/8"	n/a	N	1 3/4"
B	1	3/8"	n/a	N	1 3/4"
C	1	3/8"	n/a	N	1 3/4"
D	1	3/8"	n/a	N	1 3/4"
E	2	3/8"	1/2"	Y	3 1/4
F	2	3/8"	1/2"	Y	3 1/4
G	1	1/2"	n/a	N	1 3/4"
H	2	3/8"	1/2"	Y	3 1/4
I	1	1/2"	n/a	N	1 3/4"
J	1	1/2"	n/a	Y	1 3/4"
K	1	1/2"	n/a	Y	1 3/4"
L	1	1/2"	n/a	Y	1 3/4"
M	1	1/2"	n/a	Y	1 3/4"
N	1	1/2"	n/a	Y	1 3/4"
O	1	1/2"	n/a	Y	1 3/4"
P	1	1/2"	n/a	Y	1 3/4"
Q	1	1/2"	n/a	Y	1 3/4"
R	1	1/2"	n/a	Y	1 3/4"
S	1	1/2"	n/a	Y	1 3/4"
T	1	1/2"	n/a	Y	1 3/4"
U	2	1/2"	1/2"	N	3 1/4
V	1	1/2"	n/a	N	1 3/4"
W	1	1/2"	n/a	N	1 3/4"



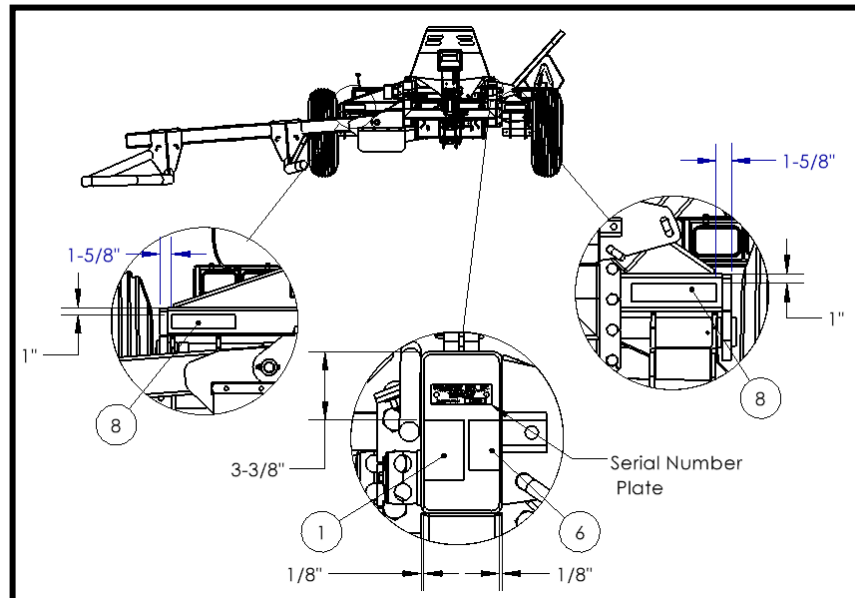
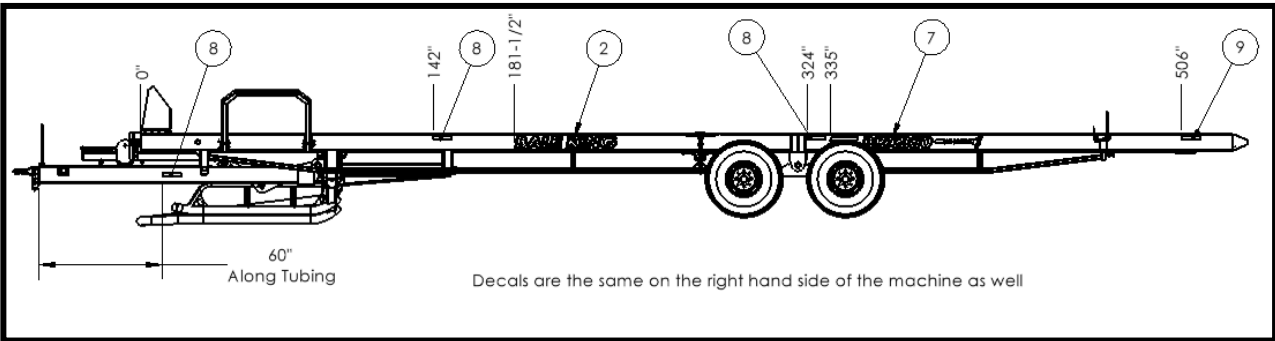
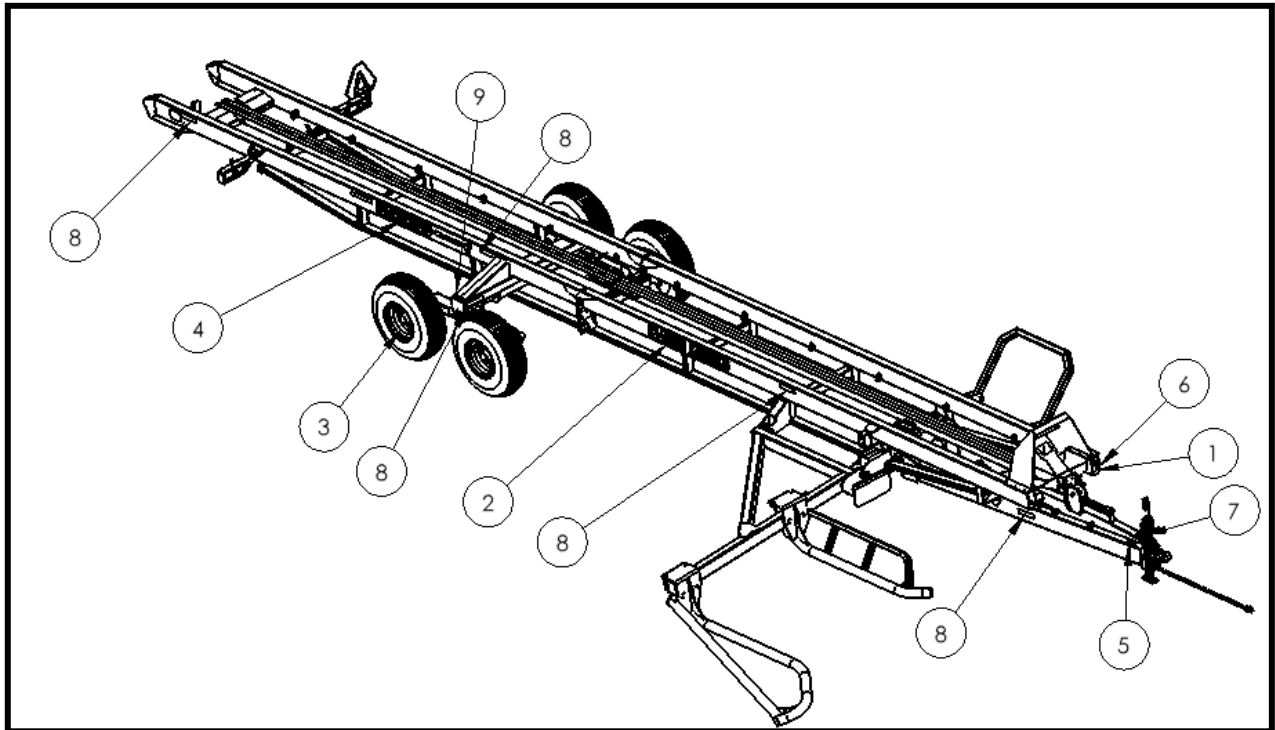
2 Remotes

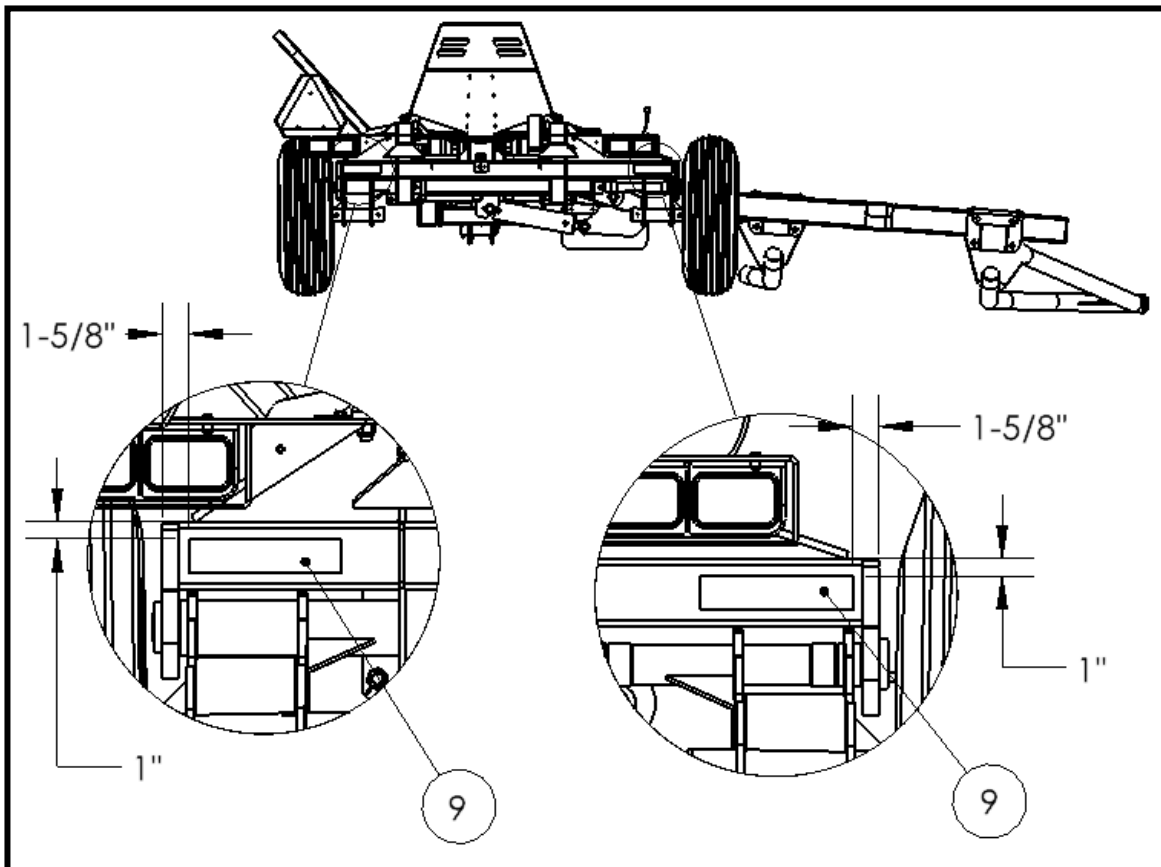
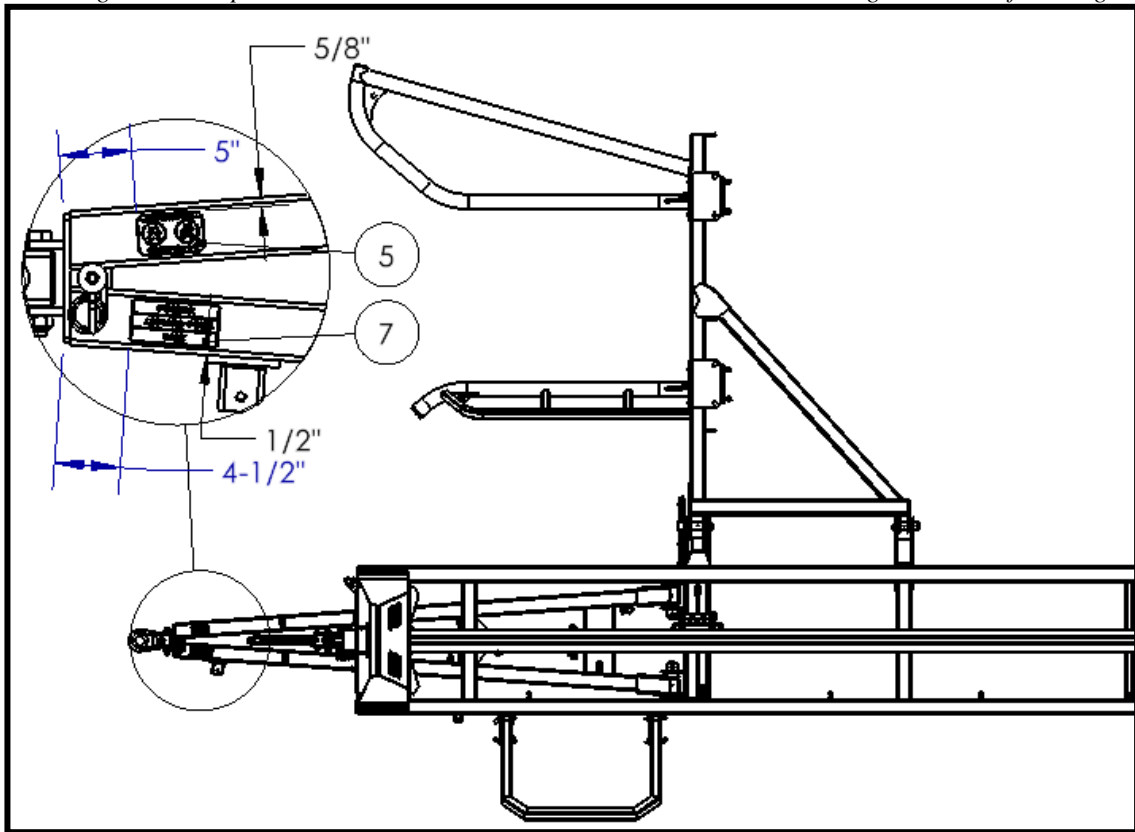
Item #	Stack Height	Bottom Hose Size	Top Hose Size	Wire Clamp	Bolt Length
A	0	n/a	n/a	n/a	n/a"
B	0	n/a	n/a	n/a	n/a
C	1	3/8"	n/a	N	1 3/4"
D	1	3/8"	n/a	N	1 3/4"
E	2	3/8"	1/2"	Y	3 1/4
F	1	1/2"	n/a	Y	1 3/4"
G	1	1/2"	n/a	N	1 3/4"
H	2	3/8"	1/2"	Y	3 1/4
I	1	1/2"	n/a	N	1 3/4"
J	1	1/2"	n/a	Y	1 3/4"
K	1	1/2"	n/a	Y	1 3/4"
L	1	1/2"	n/a	Y	1 3/4"
M	1	1/2"	n/a	Y	1 3/4"
N	1	1/2"	n/a	Y	1 3/4"
O	1	1/2"	n/a	Y	1 3/4"
P	1	1/2"	n/a	Y	1 3/4"
Q	1	1/2"	n/a	Y	1 3/4"
R	1	1/2"	n/a	Y	1 3/4"
S	1	1/2"	n/a	Y	1 3/4"
T	1	1/2"	n/a	Y	1 3/4"
U	2	1/2"	1/2"	N	3 1/4
V	1	1/2"	n/a	N	1 3/4"
W	1	1/2"	n/a	N	1 3/4"

Note: 2 Remote Option is only available on models with Serial numbers **26233 & up**.



Decals



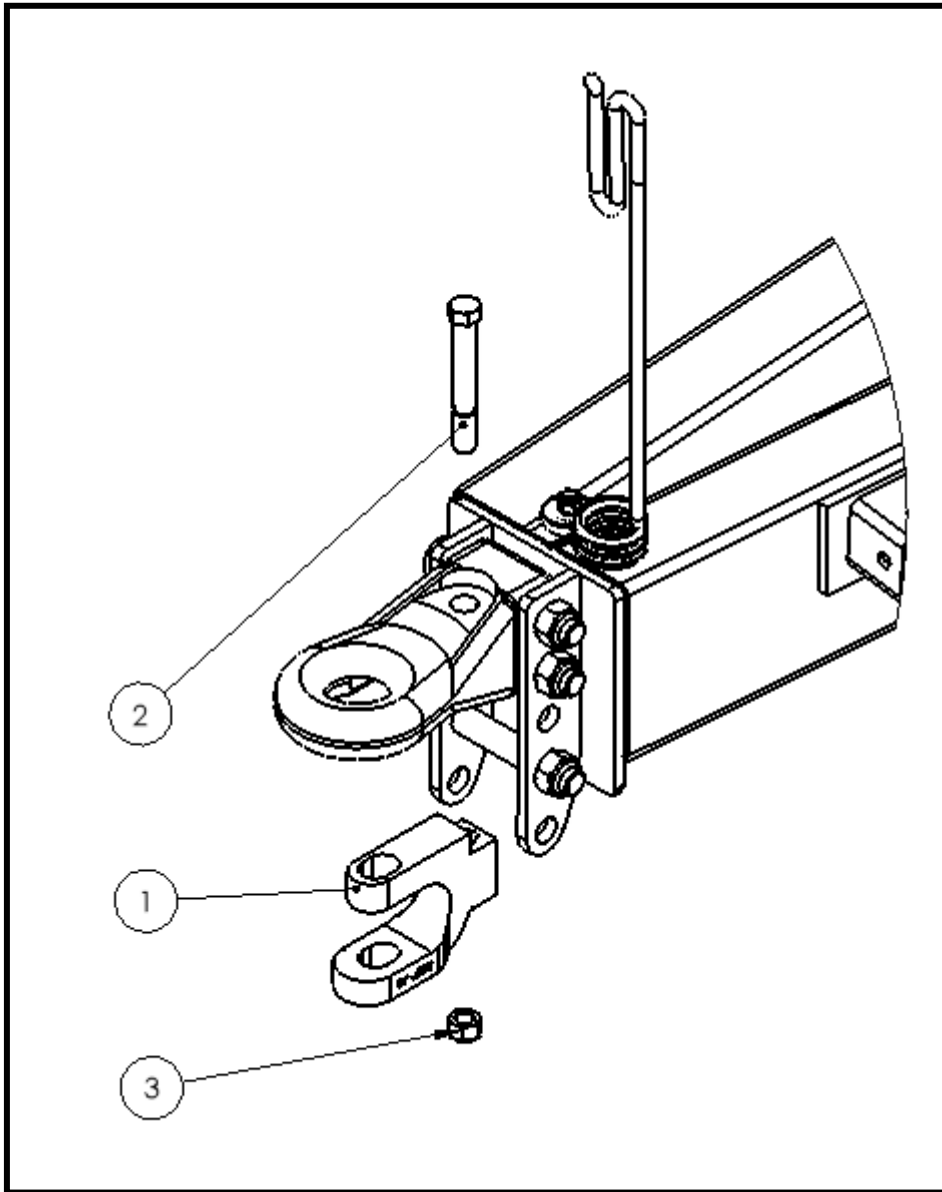




Item #	Description	ID number	QTY.
1	DECAL - AMC	12239	1
2	DECAL " BALE KING " 6" X 50"	24291	2
3	WHEEL TORQUE REMINDER DECAL	28385	4
4	DECAL "BRX850" 6" x 70"	34427	2
5	DECAL - SPEED LIMIT 2.75" X 4.5" 20MPH	33159	1
6	DECAL FEMA	25347	1
7	DECAL, HYDRAULIC HOSE GUIDE - BRX850 - 3 REMOTE 2 REMOTE	34428 35599	1
8	Yellow Reflective Marker, 2 x 9"	28384	10
9	Red Reflective Marker, 2 x 9"	28383	2



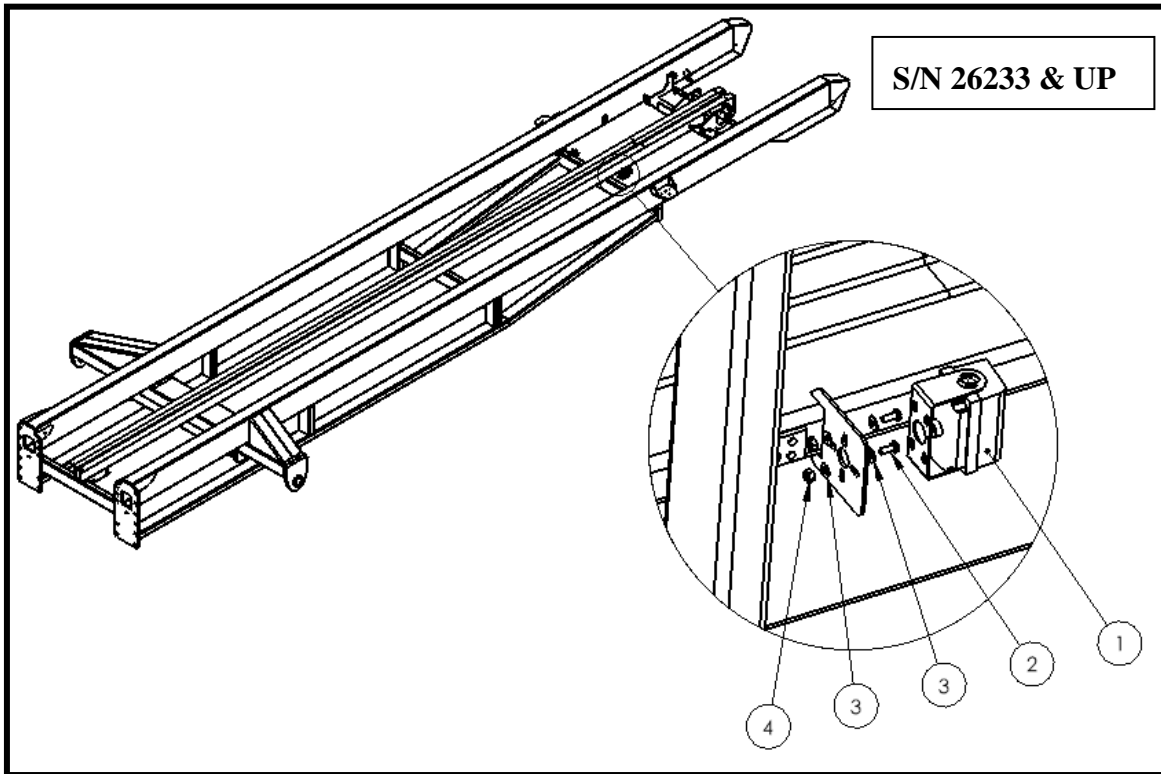
Hitch Clevis Option



Item #	Description	ID number	QTY.
1	4000 lb Hitch Clevis – Painted Black	22441	1
2	3/4" x 5 1/2" Bolt Gr. 8	26406	1
3	3/4" Stover Lock Nut	11823	1



Back-up Camera Option



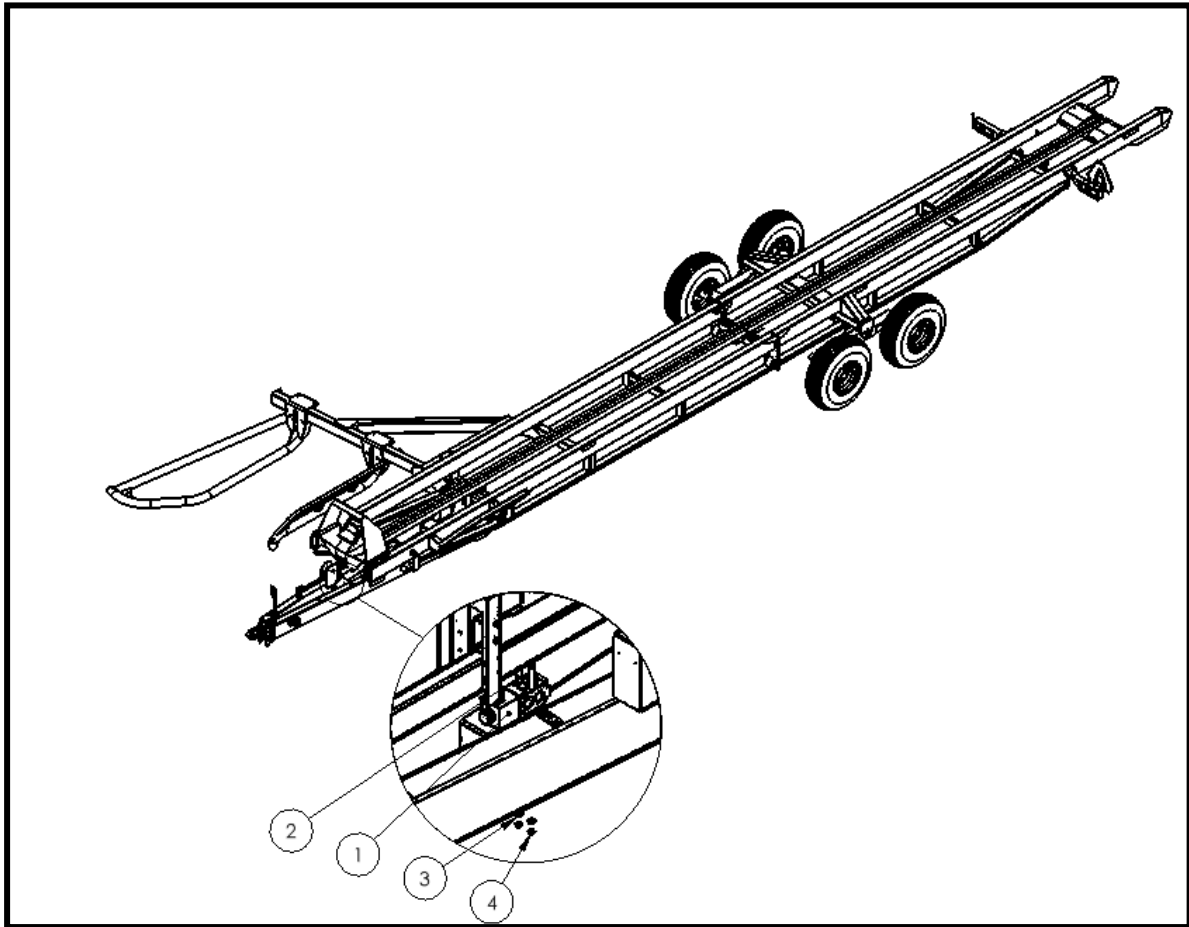
Item #	Description	ID number	QTY.
	Complete Back-up Camera Kit - Standard	35596	-
	Complete Back-up Camera Kit - Pro	35597	-
1	* Back-up Camera Kit – Standard	32640	1
	* Back-up Camera Kit - Pro	32639	
2	Bolt, #10 x ½” Pan Head	17035	2
3	Washer, #10 Flat	25600	4
4	Nut, #10 Nylon Lock	31110	2
5	Extension Cable 15’		
	Standard Kit	32645	2
	Pro Kit		1

NOTE: Camera Package comes with camera bracket, monitor, and harnesses



2 Remote Option

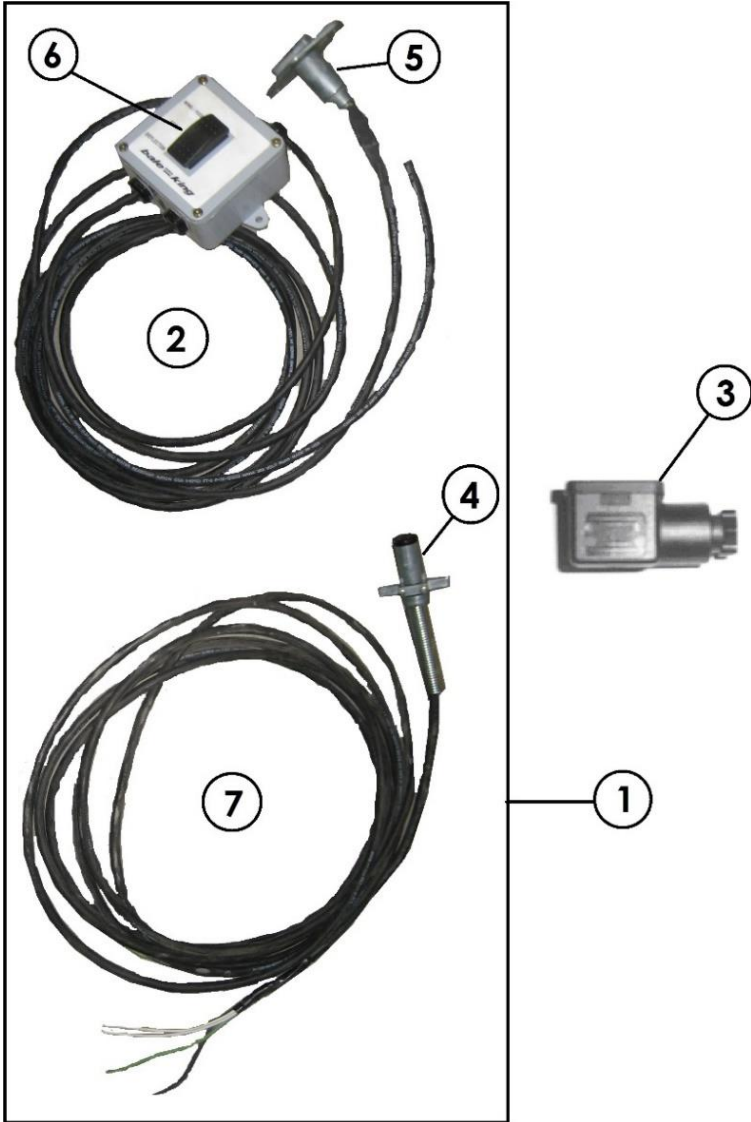
S/N 26233 & UP



Item #	Description	ID number	QTY.
1	Diverter Valve	11743	1
2	5/16" x 3" Socket Head Bolt	11783	2
3	5/16" Washer	12496	2
4	5/16" SF Nut	11814	2



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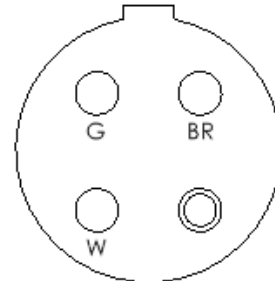
Item #	Description	ID number	QTY.
1	Complete Control Box with Harness Decal Diverter Control Box, BRX850	24466 35598	1
2	Complete Control Box with Cab to Hitch Harness (BRX850)	NSS	1
3	Square Plug for Diverter Valve	13657	1
4	4 Pin Trailer Plug	24691	1
5	4 Pin Tractor Plug	24690	1
6	3 Way Switch	13561	1
7	Harness (hitch to valve)	24693	1



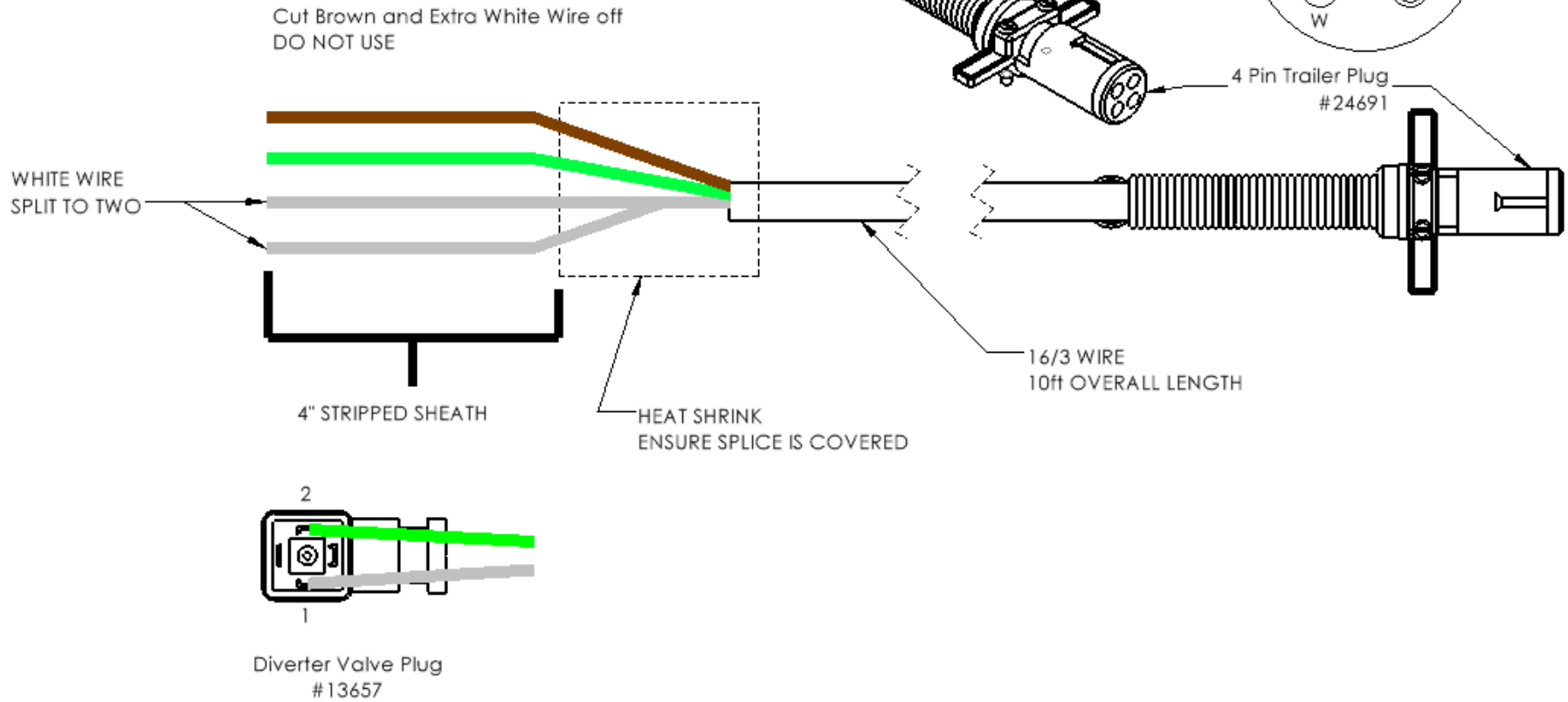
S/N 26233 & UP

BALE KING BRX850 MACHINE SIDE DIVERTER HARNESS

Note: Plug is shown from the back side

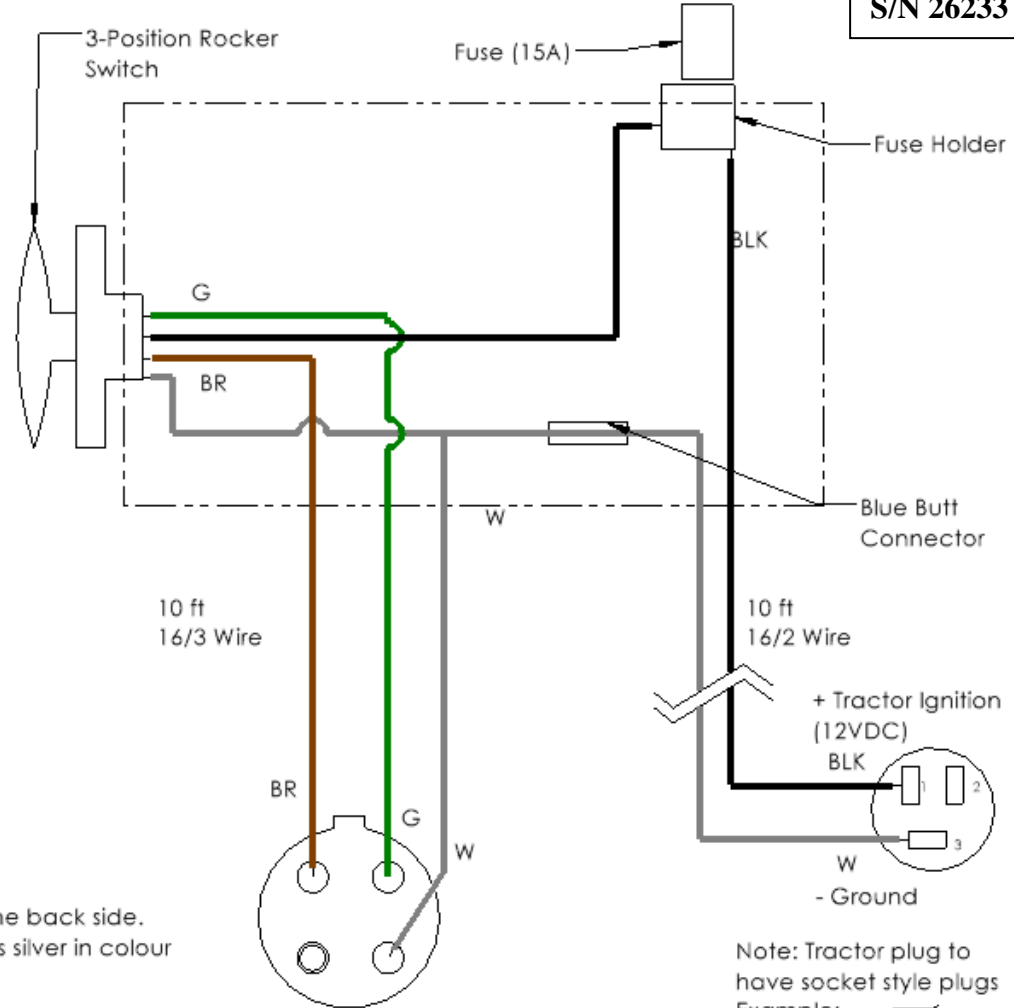
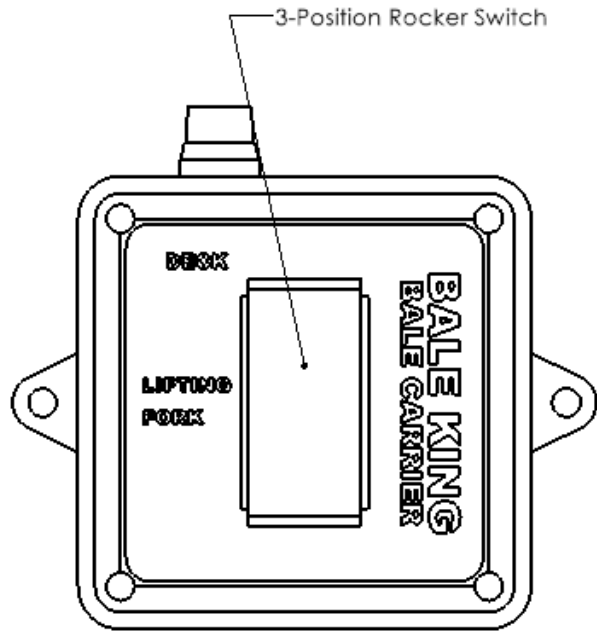


4 Pin Trailer Plug
#24691





S/N 26233 & UP



NOTE: Plug shown from the back side.
Doubled pin hole is silver in colour

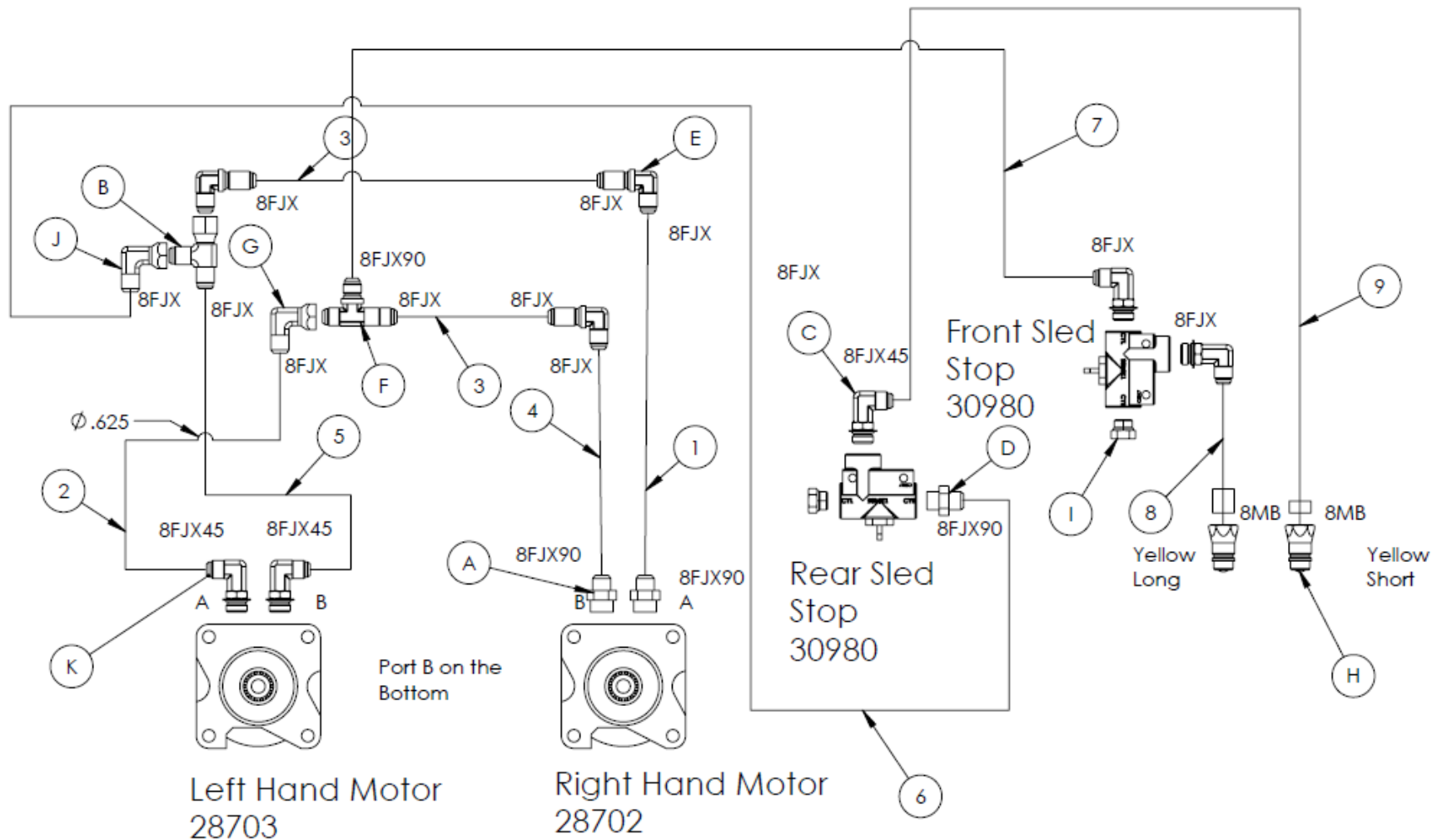
Note: Tractor plug to have socket style plugs
Example:



Hydraulic and wiring diagrams

Pusher Chain Motor

S/N 26233 & UP





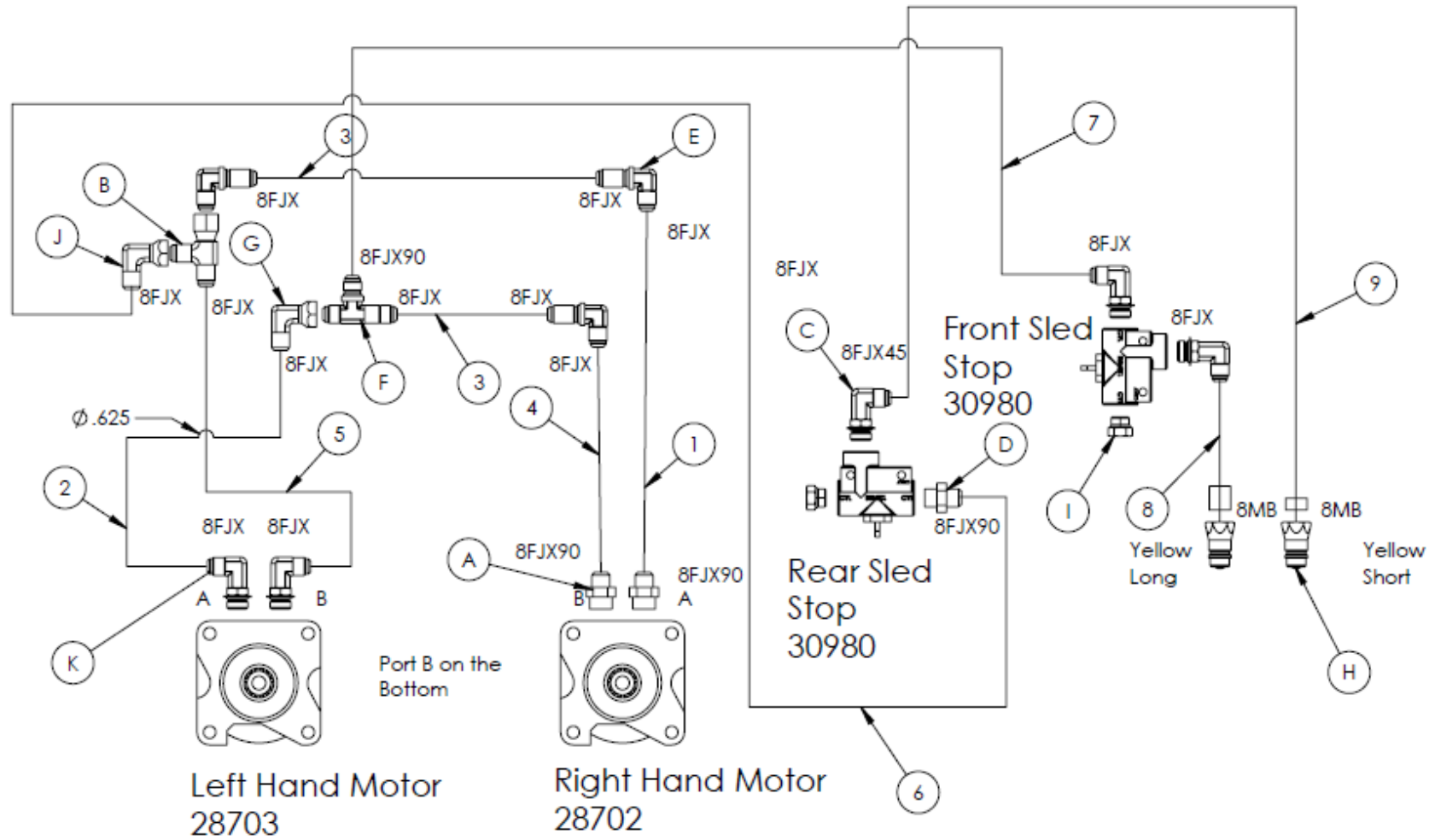
S/N 26233 & UP

Item #	Description	Pulser #	Qty
A	10MB-8FJ	1115-10-08	2
B	8FJXR-8MJT	05T55-08-08	1
C	8MB-8MJ90	1195-08-08	3
D	8MB-8MJ	1115-08-08	1
E	8MJBH-8MJ90	1595BH-08-08	3
F	8MJBH-8MJT	15TBH55-08-08	1
G	8MJ-8FJX90	0595-08-08	1
H	Pioneer Tip		2
I	8MB Plug	1100-08	1
J	8MJ-8FJX90	0595-08-08	1
K	10MB-8MJX90	0595-08-08	2

Item #	Part Number	Hose Diameter	Overall Length	End 1	End 2	Qty
1	8BUR-HH01	1/2"	34.5"	8FJ90	8FJX	1
2	8BUR-HH33	1/2"	35.5"	8FJX45	8FJX	1
3	8BUR-HH03	1/2"	24.5"	8FJX	8FJX	2
4	8BUR-HH15	1/2"	36.75"	8FJ90	8FJX	1
5	8BUR-HH32	1/2"	32.5"	8FJX45	8FJX	1
6	8BUR-HH18	1/2"	25.5"	8FJX	8FJ90	1
7	8BUR-HH30	1/2"	48.4"	8FJ90	8FJX	1
8	8BUR-HH31	1/2"	30.9"	8FJX	8MB	1
9	8BUR-HH22	1/2"	60.6"	8FJX45	8MB	1



S/N 26227 - 26232





S/N 26227 - 26232

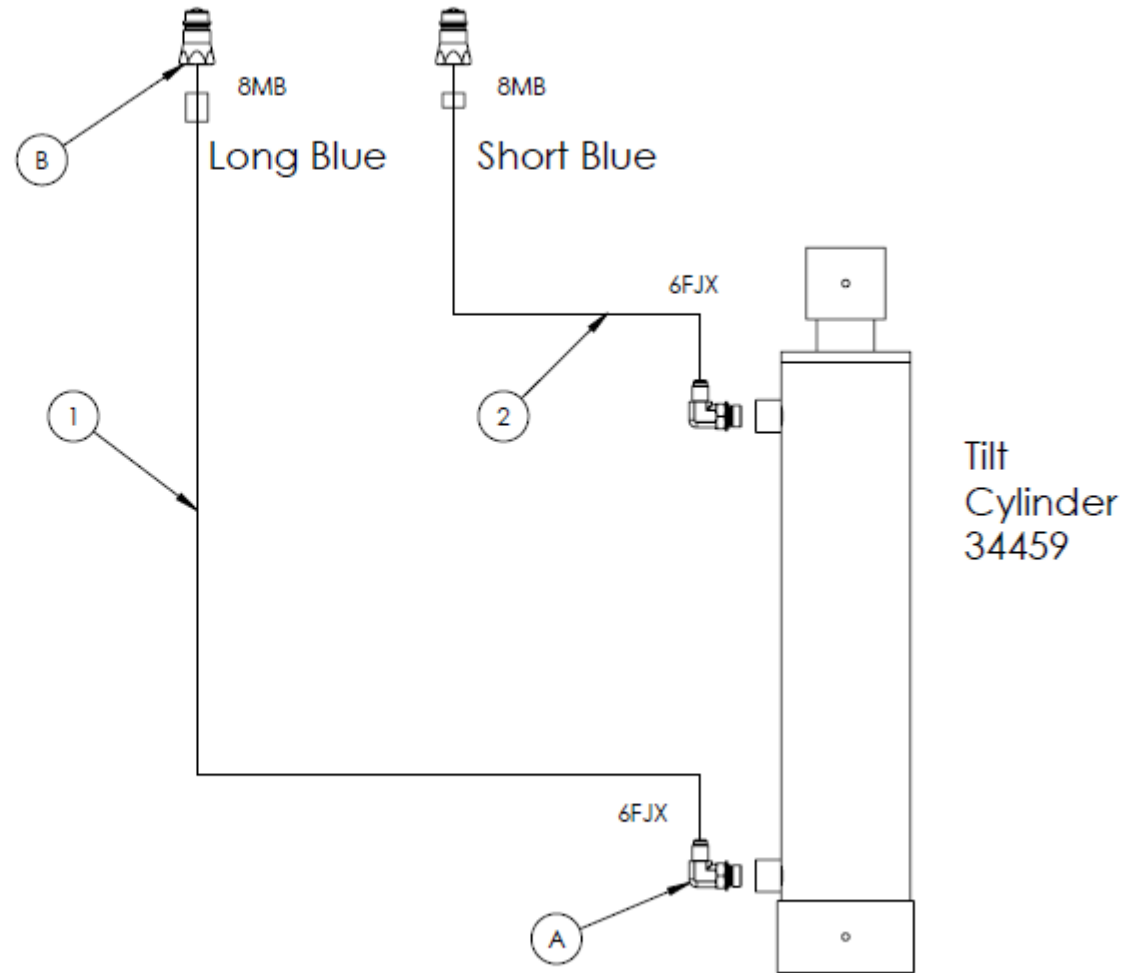
Item #	Description	Pulser #	Qty
A	10MB-8FJ	1115-10-08	2
B	8FJXR-8MJT	05T55-08-08	1
C	8MB-8MJ90	1195-08-08	3
D	8MB-8MJ	1115-08-08	1
E	8MJBH-8MJ90	1595BH-08-08	3
F	8MJBH-8MJT	15TBH55-08-08	1
G	8MJ-8FJX90	0595-08-08	1
H	Pioneer Tip		2
I	8MB Plug	1100-08	1
J	8MJ-8FJX90	0595-08-08	1
K	10MB-8MJX90	0595-08-08	2

Item #	Part Number	Hose Diameter	Overall Length	End 1	End 2	Qty
1	8BUR-HH01	1/2"	34.5"	8FJ90	8FJX	1
2	8BUR-HH29	1/2"	38.5"	8FJX	8FJX	1
3	8BUR-HH03	1/2"	24.5"	8FJX	8FJX	2
4	8BUR-HH15	1/2"	36.75"	8FJ90	8FJX	1
5	8BUR-HH17	1/2"	33.5"	8FJX	8FJX	1
6	8BUR-HH18	1/2"	25.5"	8FJX	8FJ90	1
7	8BUR-HH30	1/2"	48.4"	8FJ90	8FJX	1
8	8BUR-HH31	1/2"	30.9"	8FJX	8MB	1
9	8BUR-HH22	1/2"	60.6"	8FJX45	8MB	1



3 Remote - Tilt Cylinder

Item	Description	Pulser #	Qty
A	8MB-6MJX90	1195-08-06	2
B	Pioneer tip		2



Item #	Part Number	Hose Diameter	Overall Length	End 1	End 2	Qty
1	8BUR-HH25	3/8"	150"	6FJX	8MB	1
2	8BUR-HH26	3/8"	155.5"	6FJX	8MB	1

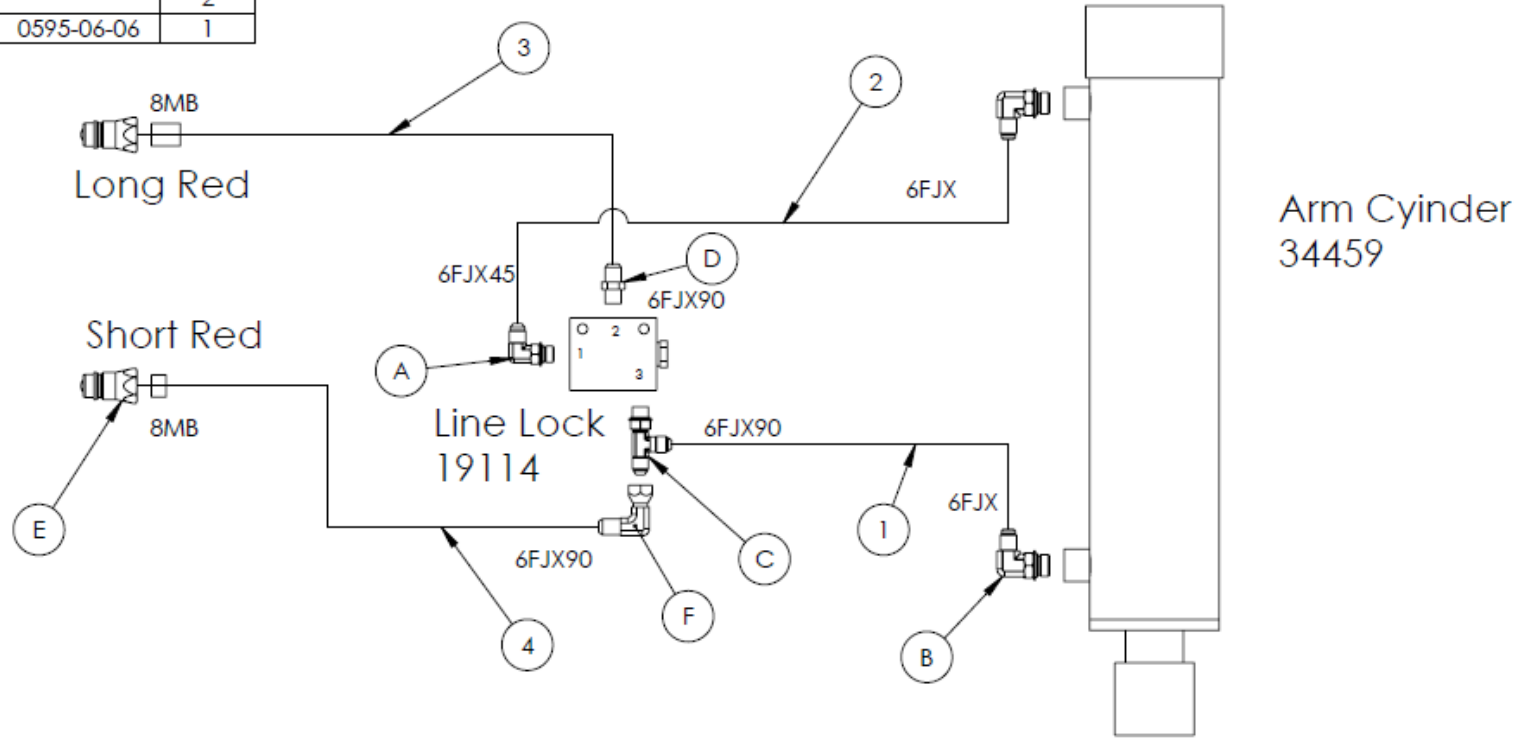
Printed: 2023-07-13



S/N 26233 & UP

3 Remote - Loading arm

Item #	Description	Pulser #	Qty
A	6MB-6MJX90	1195-06-06	1
B	8MB-6MJX90	1195-08-06	2
C	6MBR-6MJT	11155-06-06	1
D	6MB-6MJ	1115-06-06	1
E	Pioneer Tip		2
F	6MJ-6FJX90	0595-06-06	1

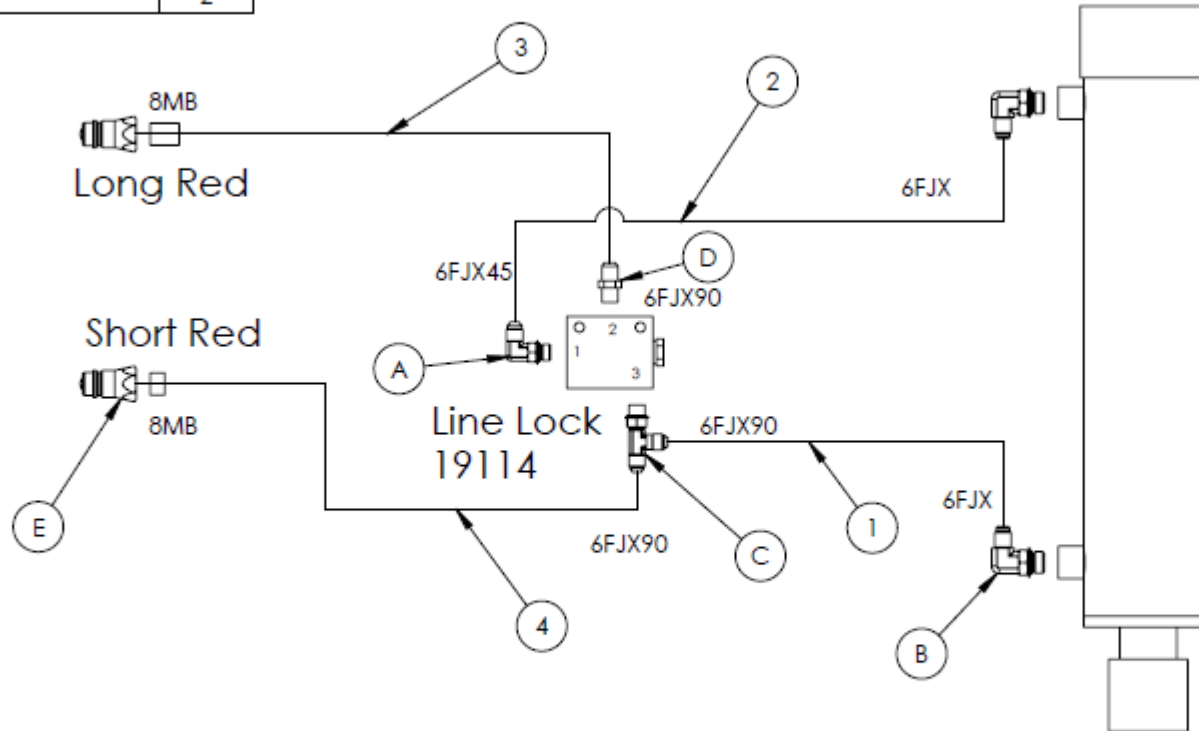


Item #	Part Number	Hose Diameter	Overall Length	End 1	End 2	Qty
1	8BUR-HH08	3/8"	47.3	6FJX	6FJX90	1
2	8BUR-HH09	3/8"	44.703	6FJX	6FJX45	1
3	8BUR-HH23	3/8"	157.69	6FJX90	8MB	1
4	8BUR-HH24	3/8"	156.93	6FJX90	8MB	1



Item #	Description	Pulser #	Qty
A	6MB-6MJX90	1195-06-06	1
B	8MB-6MJX90	1195-08-06	2
C	6MBR-6MJT	11T55-06-06	1
D	6MB-6MJ	1115-06-06	1
E	Pioneer Tip		2

S/N 26227 - 26232



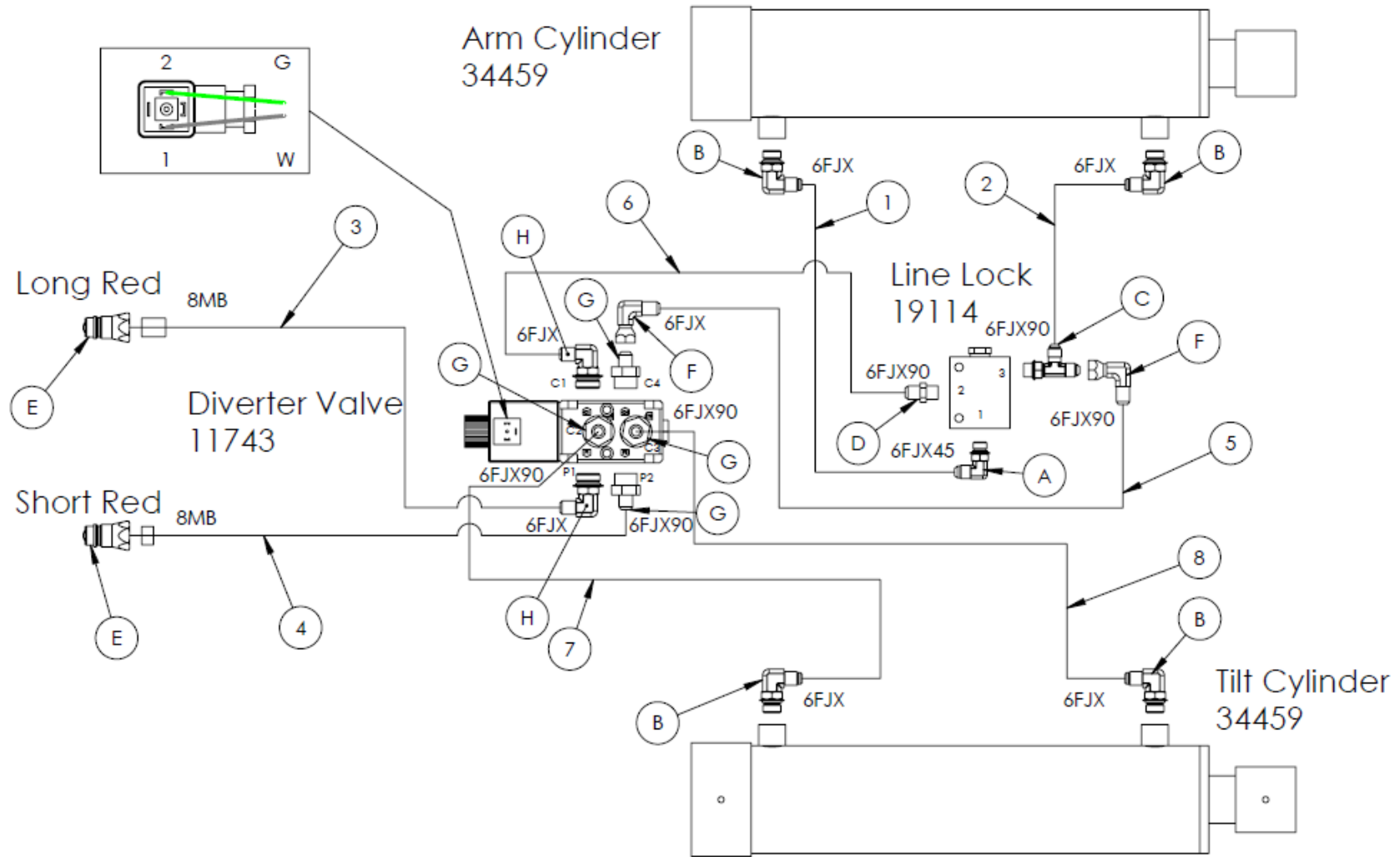
Arm Cylinder
34459

Item #	Part Number	Hose Diameter	Overall Length	End 1	End 2	Qty
1	8BUR-HH08	3/8"	47.3	6FJX	6FJX90	1
2	8BUR-HH09	3/8"	44.703	6FJX	6FJX45	1
3	8BUR-HH23	3/8"	157.69	6FJX90	8MB	1
4	8BUR-HH24	3/8"	156.93	6FJX90	8MB	1



2 Remote – Tilt Cylinder & Loading Arm

S/N 26233 & UP





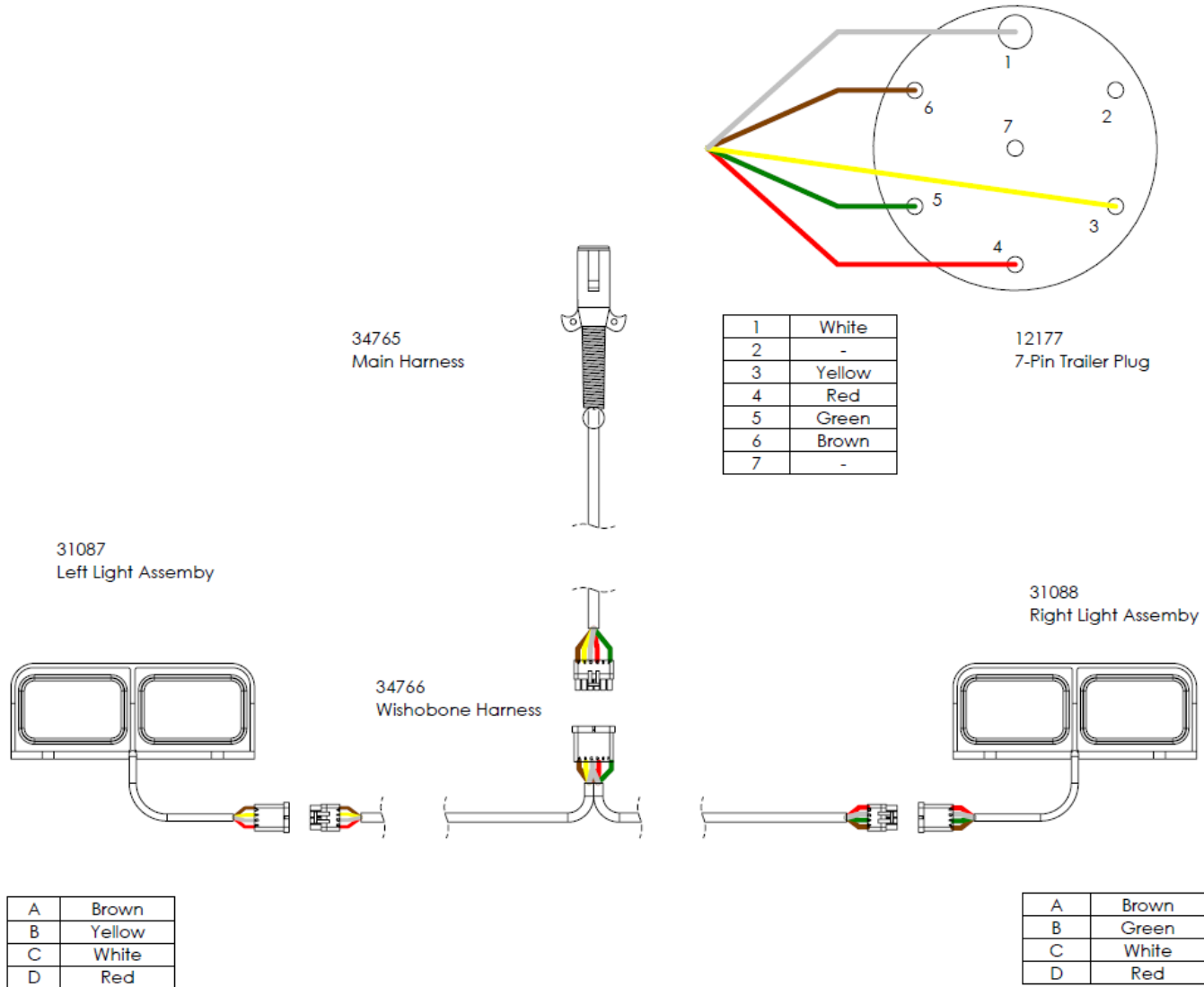
S/N 26233 & UP

Item #	Part Number	Hose Diameter	Overall Length	End 1	End 2	Qty
1	8BUR-HH08	3/8"	47.3	6FJX	6FJX90	1
2	8BUR-HH09	3/8"	44.7	6FJX	6FJX45	1
3	8BUR-HH34	3/8"	96.5	8MB	6FJX	1
4	8BUR-HH35	3/8"	101	8MB	6FJX90	1
5	8BUR-HH36	3/8"	71.5	6FJX	6FJX90	1
6	8BUR-HH37	3/8"	72	6FJX	6FJX90	1
7	8BUR-HH38	3/8"	56	6FJX	6FJX90	1
8	8BUR-HH39	3/8"	61	6FJX	6FJX90	1

Item #	Description	Pulser #	Qty
A	6MB-6MJX90	1195-06-06	1
B	8MB-6MJX90	1195-08-06	4
C	6MBR-6MJT	11155-06-06	1
D	6MB-6MJ	1115-06-06	1
E	Pioneer Tip		2
F	6MJ-6FJX90	0595-06-06	2
G	10MB-6MJ	1115-10-06	4
H	10MB-6MJX90	1195-10-06	2

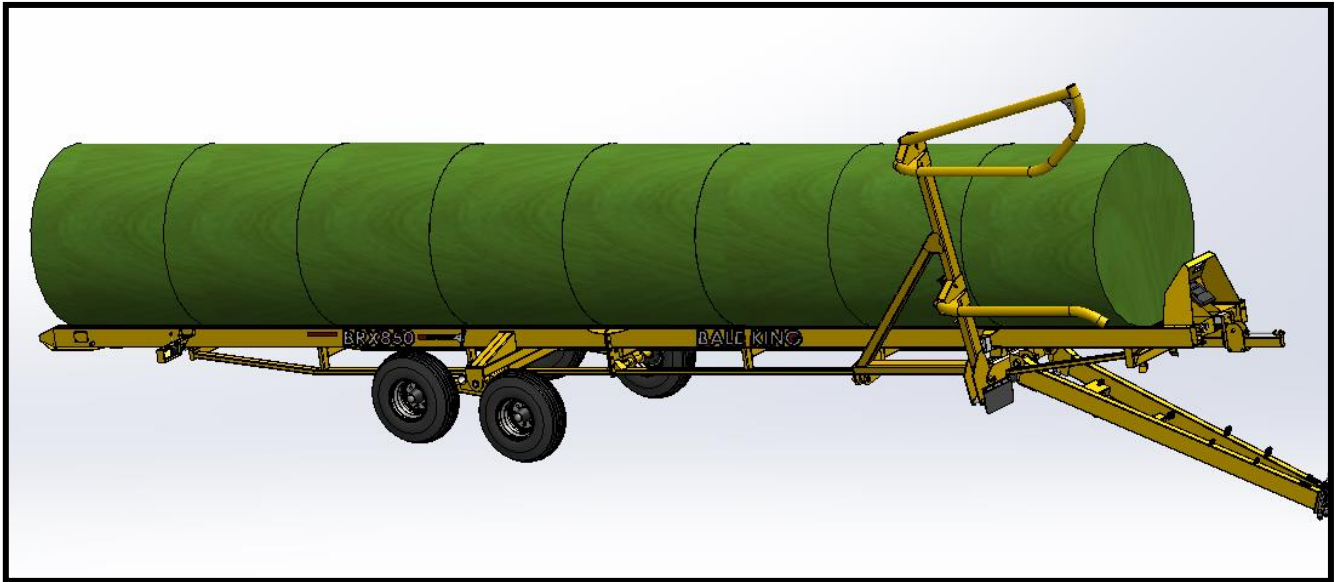


Light Diagram





NOTES



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