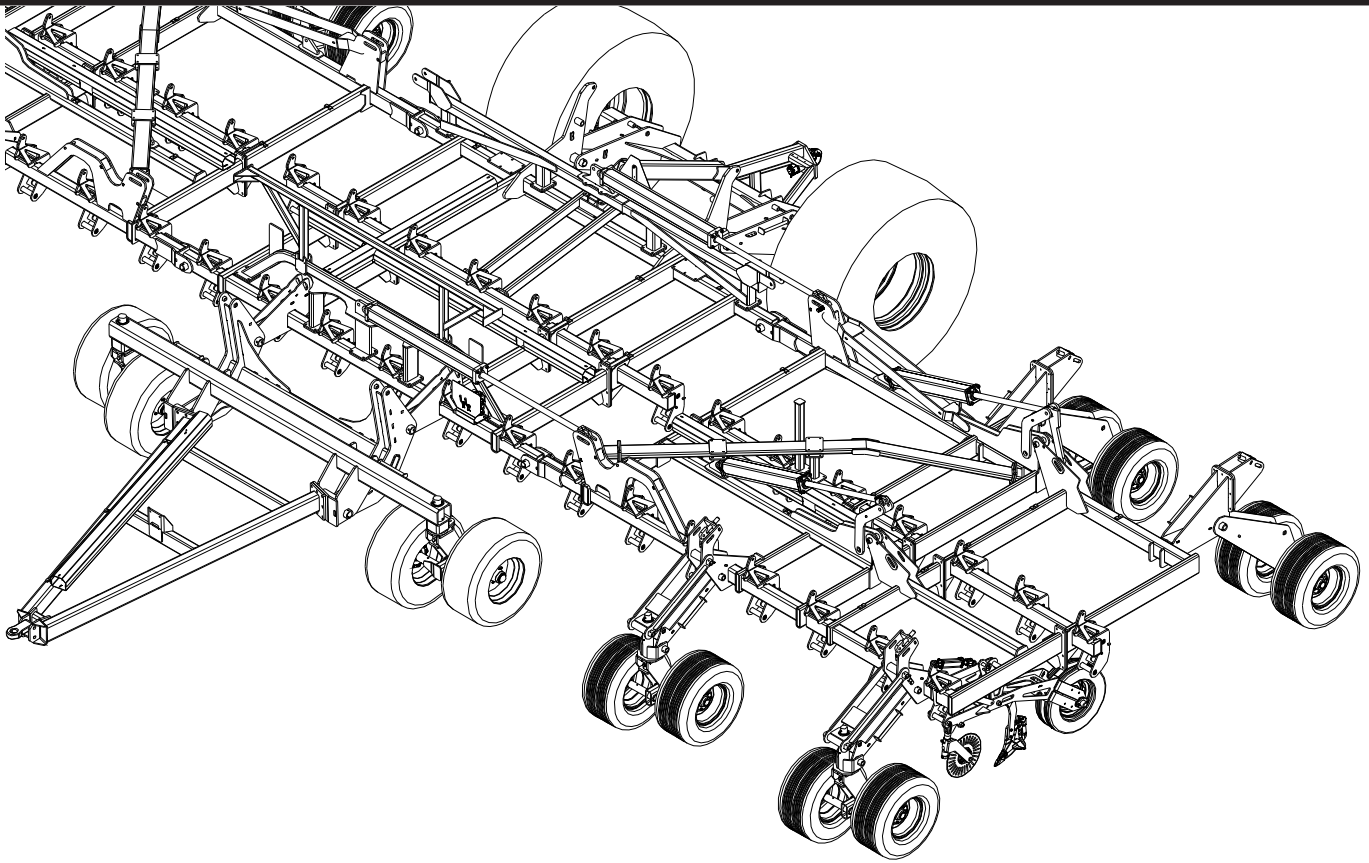


Amity



PARTS MANUAL



PRECISION SHANK DRILL

AGCO-Amity JV LLC LIMITED WARRANTY TERMS AND CONDITIONS – UNITED STATES AND CANADA

EFFECTIVE FOR EQUIPMENT RETAILED AND DELIVERED AFTER JANUARY 1, 2018

WHAT IS WARRANTED AGCO Amity JV warrants its new equipment to be free of defects in material and workmanship at time of delivery to the first retail purchaser, renter, or lessee. These terms apply to all Wishek, Wil-Rich, and Amity brands of new equipment originally marketed in the United States and Canada.

WARRANTY PERIOD

- 12 Months from the date of delivery to the first retail purchaser, renter or lessee.
- Field Cultivator and Disk Cultivators: 3 years on main frames, wing frames, and shank assemblies
- Precision Shank Drill: 3 years on main frame, wing frame, and rockshafts.

EXCEPTIONS FROM THIS WARRANTY

- **Freight Charges** - This warranty does not cover freight charges.
- **Improvements, Changes, or Discontinuance** AGCO Amity JV reserves the right to make changes and improvements in design or changes in specifications at any time to any product without incurring any obligations to owners of products previously sold.
- **Repairs and Maintenance Not Covered Under Warranty** - This warranty does not cover conditions resulting from misuse, natural calamities, use of non-AGCO-Amity JV parts, negligence, alteration, accident, use of unapproved attachments, usage which is contrary to the intended purposes, or conditions caused by failure to perform required maintenance. Replacement of Wear or Maintenance items (unless defective) such as but not limited to, filters, hoses, belts, lubricants, light bulbs, wheel alignment, tightening of nuts, belts, bolts, and fittings, service tune-up, computer parameter adjustments and general adjustments which may from time to time be required are not covered.
- **Rubber Tire Warranty** - Rubber tires are warranted directly by the respective manufacturer only and not by AGCO Amity JV.
- **Satellite Outages** - Interruptions in satellite interfaces and satellite communications are outside the control of this product and are not covered by this warranty. The company is not responsible for issues or degradation of system performance resulting from such interruptions in satellite interfaces and satellite communications where the issues are not related to defects in this product.

OWNER'S OBLIGATION

It is the responsibility of the Owner to transport the equipment or parts to the service shop of an authorized AGCO Amity JV Dealer or alternatively to reimburse the Dealer for any travel or transportation expense involved in fulfilling this warranty. This Warranty does NOT cover rental of replacement equipment during the repair period, damage to products which have been declared a total loss and subsequently salvaged, overtime labor charges, freight charges for replacement parts, or special handling requirements (such as, but not limited to, the use of cranes).

EXCLUSIVE EFFECT OF WARRANTY AND LIMITATION OF LIABILITY

THIS WARRANTY IS IN LIEU OF ALL WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PURPOSE OR OTHER REPRESENTATIONS, WARRANTIES OR CONDITIONS, EXPRESSED OR IMPLIED. The remedies of the Owner set forth herein are exclusive. The Company neither assumes nor authorizes any person to assume for it any other obligation or liability in connection with the sale of covered machines. Correction of defects, in the manner and for applicable period of time provided above, shall constitute fulfillment of all responsibilities of AGCO Amity JV to the Owner, and AGCO Amity JV shall not be liable for negligence under contract or in any manner with respect to such machines. IN NO EVENT SHALL THE OWNER BE ENTITLED TO RECOVER FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES SUCH AS BUT NOT LIMITED TO, LOSS OF CROPS, LOSS OF PROFITS OR REVENUE, OTHER COMMERCIAL LOSSES, INCONVENIENCE OR COST OF RENTAL OR REPLACEMENT EQUIPMENT.

Some States or Provinces do not permit limitations or exclusions of implied warranties or incidental or consequential damages, so the limitations or exclusions in this warranty may not apply.

"AGCO Amity JV" AS REFERRED TO HEREIN WITH RESPECT TO SALES IN: UNITED STATES and CANADA: AGCO Amity JV LLC
PO Box 1030
Wahpeton, ND 58074

Additional Warranty Information

New Equipment Warranty - Equipment is eligible for warranty service only if it qualifies under the provisions of the New Equipment Warranty. The selling dealer will deliver this Warranty to the original retail purchaser at the time of sale, and the dealer will register the sale and Warranty with AGCO Amity JV LLC.

Subsequent Owners - This Warranty covers the first retail purchaser and all subsequent owners of the equipment during the specified warranty period. Should the AGCO Amity JV Dealer sell this equipment to a subsequent owner, the Dealer must deliver the warranty document to the subsequent owner so the subsequent owner can register ownership with AGCO Amity JV and obtain the remaining warranty benefits, if available, with no intermission in the Warranty Period. Subsequent Owner Procedure will apply. It is the responsibility of the subsequent owner to transport the equipment to the service shop of an authorized AGCO Amity JV Dealer or alternatively to reimburse the Dealer for any travel or transportation expense involved in fulfilling this warranty. This Warranty does NOT cover charges for rental or replacement equipment during the repair period, products which have been declared a total loss and subsequently salvaged, overtime labor charges, freight charges for replacement parts, or units sold at auction.

Warranty Service - To be covered by Warranty, service must be performed by an authorized AGCO Amity JV Dealer. It is recommended that you obtain warranty service from the Dealer who sold you the equipment because of that Dealer's continued interest in you as a valued customer. In the event this is not possible, warranty service may be performed by any other authorized AGCO Amity JV Dealers in the United States or Canada. It is the responsibility of the Owner to transport the equipment to the service shop of an authorized AGCO Amity JV Dealer or alternatively to reimburse the Dealer for any travel or transportation expense involved in fulfilling this warranty.

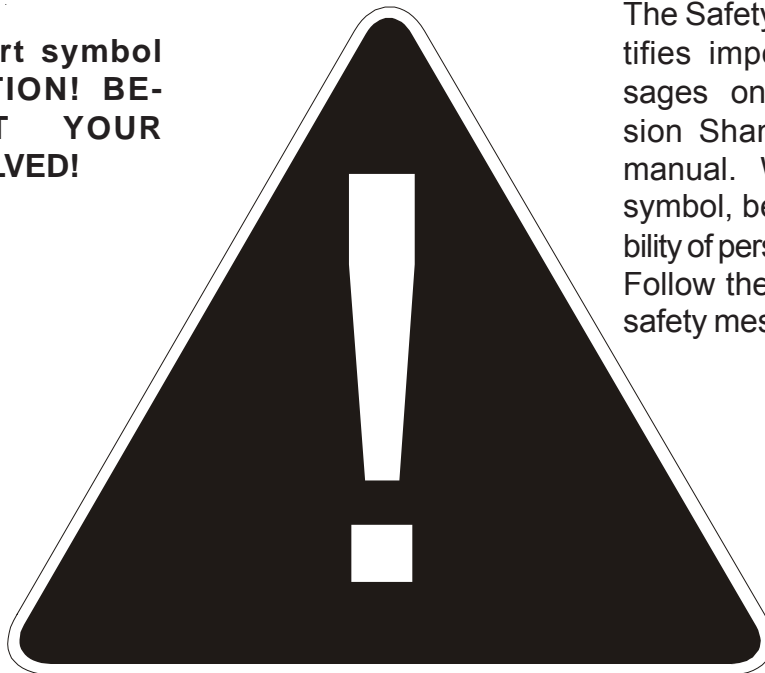
Maintenance Service - The Owner's Manual furnished to you with the equipment at the time of delivery contains important maintenance and service information. You must read the manual carefully and follow all the maintenance and service recommendations. Doing so will result in greater satisfaction with your equipment and help avoid service and warranty problems. Please remember that failures due to improper maintenance of your equipment are not covered by warranty.

Maintenance Inspections - To insure the continued best performance from your agricultural equipment, we recommend that you arrange to make your equipment available to your selling Dealer for a maintenance inspection 30 days prior to warranty expiration.

PERSONAL SAFETY IS IMPORTANT!

ALL PERSONNEL INVOLVED WITH THE ASSEMBLY AND/OR OPERATION OF THIS EQUIPMENT MUST BE INFORMED OF PROPER SAFETY PROCEDURES. OPERATOR'S/ ASSEMBLY MANUALS PROVIDE THE NECESSARY INFORMATION. IF THE MANUAL IS LOST FOR A PARTICULAR IMPLEMENT, ORDER A REPLACEMENT AT ONCE. OPERATOR'S AND ASSEMBLY MANUALS ARE AVAILABLE AT NO CHARGE UPON REQUEST.

This Safety Alert symbol means **ATTENTION! BECOME ALERT YOUR SAFETY IS INVOLVED!**



The Safety Alert symbol identifies important safety messages on the Amity Precision Shank Drill and in this manual. When you see this symbol, be alert to the possibility of personal injury or death. Follow the instructions in the safety message.

Why is SAFETY important to you?

3 Big Reasons

Accidents Disable and Kill
Accidents Cost
Accidents Can Be Avoided

SIGNAL WORDS:

Note the use of the signal words **DANGER**, **WARNING** and **CAUTION** with the safety messages. The appropriate signal word for each message has been selected using the following guidelines:

DANGER

An immediate and specific hazard which **WILL** result in severe personal injury or death if the proper precautions are not taken.

WARNING

A specific hazard or unsafe practice which **COULD** result in severe personal injury or death if the proper precautions are not taken

CAUTION

Unsafe practices which **COULD** result in personal injury if proper practices are not taken, or as a reminder of good safety practices.

ADDRESS INQUIRIES TO: AGCO Amity JV LLC
2800 7th Avenue North
Fargo, ND 58102
PH (701) 232-4199 FAX (701) 234-1716

Precision Shank Drill

1 Safety	6
1.1 Introduction	7
1.1.1 Safety alert symbol	7
1.1.2 Safety messages	7
1.1.3 Informational messages	7
1.1.4 Safety signs	7
1.1.5 A word to the operator	8
1.1.6 This manual	9
1.2 Operation	10
1.2.1 Prepare for operation	10
1.2.2 General information	10
1.2.3 Personal protective equipment	11
1.2.4 Seat instructions	12
1.2.5 Shield and guards	12
1.2.6 Exhaust warning	12
1.2.7 Flying debris	13
1.2.8 Agricultural chemicals	13
1.3 Travel on public roads	14
1.4 Maintenance	16
1.4.1 General maintenance information	16
1.4.2 Fire prevention and first aid	17
1.4.3 High pressure leaks	18
1.4.4 Tire safety	19
1.4.5 Replacement parts	19
1.5 Transport locks	20
1.6 Marker lamps	21
1.7 Safety sign location	22
2 Introduction	28
2.1 Introduction	29
2.1.1 Units of measurement	29
2.1.2 Replacement parts	29
2.1.3 Intended use	29
2.1.4 Proper disposal of waste	29
2.2 Machine identification	31
2.2.1 Serial number plate location	31
2.2.2 Serial number description	31

3. Parts

Front Hitch Assembly	35-36
Hydraulic Jack	37-38
Mainframe Assembly - 51ft	39-40
Mainframe Assembly - 61ft	41-42
Inner & outer wing Assembly - 51ft	43-44
Inner & outer wing Assembly - 61ft	45-46
Inner & outer wing Assembly - 51ft continued	47-48
Inner & outer wing Assembly - 61ft continued	49-50
Hydraulic Hose Trough Assembly	51-52
Rear Axle & Rear Hitch Assembly	53-54
Lift Switch - Rear Hitch	55-56
Front Caster - Mainframe Assembly	57-58
Front Caster - Inner & Outer wing Assembly	59-60
Rear Lift Wheel Assembly - Inner & Outer Wing	61-62
Hub & Spindle Assembly - Front Mainframe	63-64
Hub & Spindle Assembly - Rear Mainframe	65-66
Hub & Spindle Assembly - Inner & Outer wing	67-68
Row Unit Assembly	69-70
Hub & Spindle Assembly - Packer Wheel	71-72
Row Unit - Frame Mount	73-74
Row Unit - Down Pressure Cylinder Mount	75-76
Row Unit - Cutting Coulter Assembly	77-78
Row Unit - Cutting Coulter Assembly - continued	79-80
Hub Assembly - Cutting Coulter	81-82
Row Unit - Disc Closer Assembly	83-84
Row Unit - Disc Closer Assembly - continued	85-86
Rear Mainframe Lift Cylinder Mounting	87-88
Front Mainframe Lift Cylinder Mounting	89-90
Wing Fold Cylinder Mounting	91-92

3. Parts - continued

Lift Cylinder Hydraulics - 51ft.	93-94
Lift Cylinder Hydraulics - 61ft.	95-96
Wing Fold Hydraulics - 51ft.	97-98
Wing Fold Hydraulics - 61ft.	99-100
Down Pressure Hydraulics - DP Block 51 & 61ft.	101-102
Down Pressure Hydraulics - Mainframe - 51ft.	103-104
Down Pressure Hydraulics - Mainframe - 61ft.	105-106
Down Pressure Hydraulics - Inner Wing - 51ft.	107-108
Down Pressure Hydraulics - Inner Wing - 61ft.	109-110
Down Pressure Hydraulics - Outer Wing - 51ft.	111-112
Down Pressure Hydraulics - Outer Wing - 61ft.	113-114
Rear Hitch Hydraulics.	115-116
Wheel Assembly.	117-118
Decals - Model.	119-120
Decals - Safety.	121-122

1. Safety

1.1 Introduction	6
1.1.1 Safety alert symbol	7
1.1.2 Safety messages	7
1.1.3 Informational messages	7
1.1.4 Safety signs	7
1.1.5 A word to the operator	8
1.1.6 This manual	9
1.2 Operation	10
1.2.1 Prepare for operation	10
1.2.2 General information	10
1.2.3 Personal protective equipment	11
1.2.4 Seat instructions	11
1.2.5 Shield and guards	12
1.2.6 Exhaust warning	12
1.2.7 Flying debris	13
1.2.8 Agricultural chemicals	13
1.3 Travel on public roads	14
1.4 Maintenance	16
1.4.1 General maintenance information	16
1.4.2 Fire prevention and first aid	17
1.4.3 High pressure leaks	18
1.4.4 Tire safety	19
1.4.5 Replacement parts	19
1.5 Transport locks	20
1.6 Marker lamps	21
1.7 Safety sign location	22
Safety decals	23

1.1 Introduction

1.1.1 Safety alert symbol

The safety alert symbol means Attention! Become Alert! Your Safety Is Involved!

Look for the safety alert symbol both in this manual and on safety signs on this machine. The safety alert symbol will direct your attention to information that involves your safety and the safety of others.



Fig. 1

1.1.2 Safety messages

The words DANGER, WARNING or CAUTION are used with the safety alert symbol. Learn to recognize these safety alerts and follow the recommended precautions and safety practices.



DANGER:

Indicates an imminently hazardous situation that, if not avoided, will result in **DEATH OR VERY SERIOUS INJURY**.



WARNING:

Indicates a potentially hazardous situation that, if not avoided, could result in **DEATH OR SERIOUS INJURY**.



CAUTION:

Indicates a potentially hazardous situation that, if not avoided, may result in **MINOR INJURY**.



Fig. 2

1.1.3 Informational messages

The words important and note are not related to personal safety, but are used to give additional information and tips for operating or servicing this equipment.

IMPORTANT: *Identifies special instructions or procedures which, if not strictly observed, could result in damage to or destruction of the machine, process, or its surroundings*

NOTE: *Identifies points of particular interest for more efficient and convenient repair or operation.*

1.1.4 Safety signs



WARNING:

Do not remove or obscure safety signs. Replace any safety signs that are not readable or are missing. Replacement signs are available from your dealer in the event of loss or damage. The actual location of the safety signs is illustrated at the end of this section.

Keep signs clean by wiping off regularly. Use a mild soap and water solution if necessary.

If parts have been replaced or a used machine has been purchased, make sure all safety signs are present and in the correct location and can be read. Illustrations of safety sign locations are located at the rear of this section.

Replace any safety signs that can not be read, are damaged, or are missing. Clean the machine surface thoroughly with a mild soap and water solution before replacing signs. Replacement safety signs are available from your dealer.

1.1.5 A word to the operator

It is your responsibility to read and understand the safety section in this manual and the manual for all attachments before operating this machine. Remember you are the key to safety. Good safety practices not only protect you, but also the people around you.

Study the content in this manual and make the content a working part of your safety program. Keep in mind that this safety section is written only for this type of machine. Practice all other usual and customary safe working precautions, and above all remember - safety is your responsibility. You can prevent serious injury or death.

This safety section is intended to point out some of the basic safety situations that may be encountered during the normal operation and maintenance of your machine. This section also suggests possible ways of dealing with these situations. This section is not a replacement for other safety practices featured in other sections of this manual.

Personal injury or death may result if these precautions are not followed.

Learn how to operate the machine and how to use the controls properly.

Do not let anyone operate the machine without instruction and training.

For your personal safety and the personal safety of others, follow all safety precautions and instructions found in the manuals and on safety signs affixed to the machine and all attachments.

Use only approved attachments and equipment.

Make sure your machine has the correct equipment needed by the local regulations.

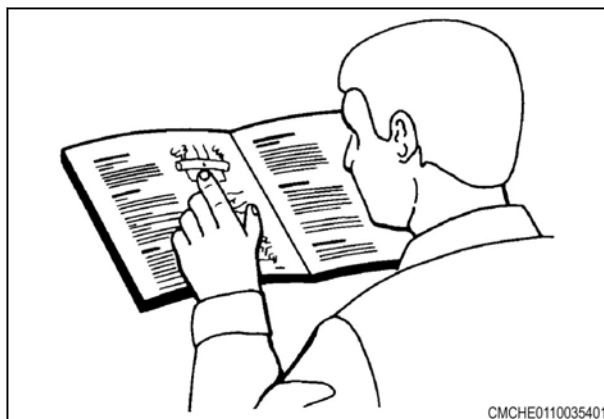


Fig. 3



WARNING:

An operator should not use alcohol or drugs which can affect their alertness or coordination. An operator on prescription or 'over the counter' drugs needs medical advice on whether or not they can properly operate machines.



CAUTION:
If any attachments used on this equipment have a separate Operator Manual, see that manual for other important safety information.

1.1.6 This manual

This manual covers general safety practices for this machine. The operator manual must always be kept with the machine.

Right-hand and left-hand, as used in this manual, are determined by facing the direction the machine will travel when in use.

The photos, illustrations, and data used in this manual were current at the time of printing, but due to possible in-line production changes, your machine can vary slightly in detail. The manufacturer reserves the right to redesign and change the machine as necessary without notification.



WARNING:
In some of the illustrations and photos used in this manual, shields or guards may have been removed for clarity. Never operate the machine with any shields or guards removed. If the removal of shields or guards is necessary to make a repair, they must be replaced before operation.

1.2 Operation

1.2.1 Prepare for operation

Read and understand all operating instructions and precautions in this manual before operating or servicing the machine.

Make sure you know and understand the positions and operations of all controls. Make certain all controls are in neutral and the park brake is applied before starting the machine.

Make certain all people are well away from your area of work before starting and operating the machine. Check and learn all controls in an area clear of people and obstacles before starting your work. Be aware of the machine size and have enough space available to allow for operation. Never operate the machine at high speeds in crowded places.

Emphasize the importance of using correct procedures when working around and operating the machine. Do not let children or unqualified persons operate the machine. Keep others, especially children, away from your area of work. Do not permit others to ride on the machine.

Make sure the machine is in the proper operating condition as stated in the Operator Manual. Make sure the machine has the correct equipment required by local regulations.

1.2.2 General information

When parking, park the machine and the tractor on a solid level surface. put all controls in neutral and apply the tractor park brake. Stop the tractor engine and take the key with you.

Make sure the tractor and implement are in the proper operating condition according to the operator manuals. Make sure the tractor brakes and the machine brakes are adjusted correctly.

The tractor must have enough weight and braking capacity, especially when operating on roads and terrain that is not even. Use a tractor of recommended size and weight to tow the machine. See the machine specifications for the minimum tractor size and weight.

Tractor must be equipped with rollover protective structure (ROPS) and a seat belt. use seat belt during operation.

Do not dismount from moving machinery.

Always operate the machine with the terminal turned on.

Never start the tractor with the PTO engaged or terminal turned on.

Stay off slopes too steep for operation.

Where possible avoid operating the machine near ditches, embankments, and holes. Reduce ground speed when operating on rough, slippery, or muddy surfaces and when turning or crossing slopes.

Be aware of the size of the machine and have enough space available to allow for operation.

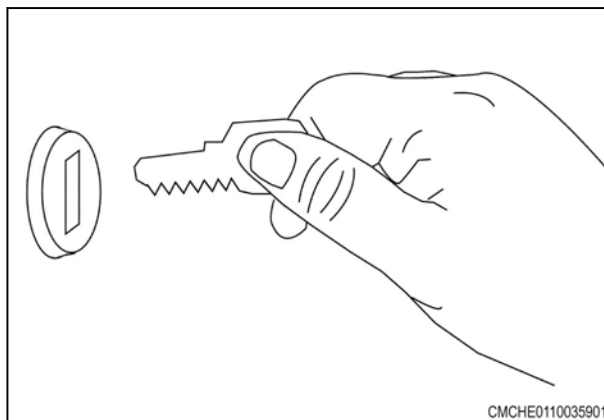


Fig. 4

1. Safety

Always lower the machine when not in use and relieve the pressure in the hoses and cylinders.

Do not stand between the tractor and the implement to install the hitch pin when the tractor engine is running.

Avoid contact with electrical power lines. Contact with electrical power lines can cause electrical shock, resulting in very serious injury or death.

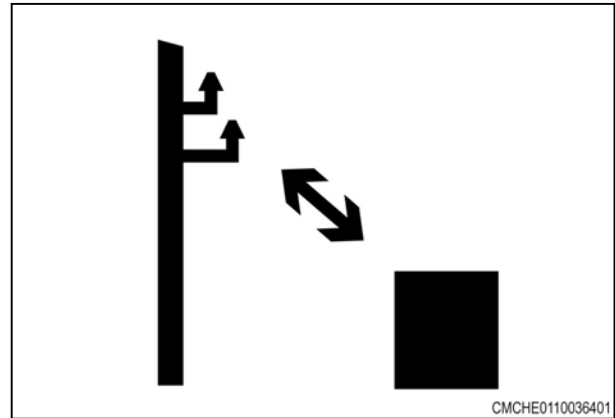


Fig. 5

1.2.3 Personal protective equipment

Wear all personal protective equipment (PPE) and protective clothing issued to you or called for by job conditions and country/local regulations. PPE includes, but is not limited to, equipment to protect eyes, lungs, ears, head, hands and feet when operating, servicing, or repairing equipment.

Always keep hands, feet, hair, and clothing away from moving parts. Do not wear loose clothing, jewelry, watches, or other items that could entangle in moving parts. Tie up long hair that can also entangle in moving parts.

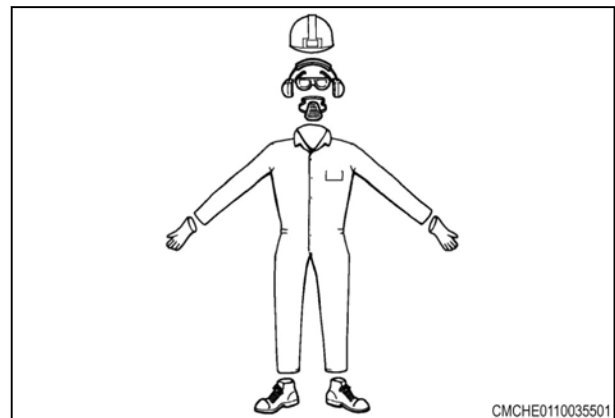


Fig. 6

1.2.4 Seat instructions

Securely fasten the seat belt before operating the machine. Always remain seated and have the seat belt fastened while operating the machine. Replace the seat belts when they become worn or broken.

Never wear a seat belt loosely or with slack in the belt system. Never wear the seat belt in a twisted condition or pinched between the seat structural members.

When using the instructional seat, if equipped, securely fasten the seat belt. The instructional seat is to be used only to train new operators or diagnose a problem. The instructional seat is only intended for short periods of use. Extra riders, especially children, are not permitted on the machine.

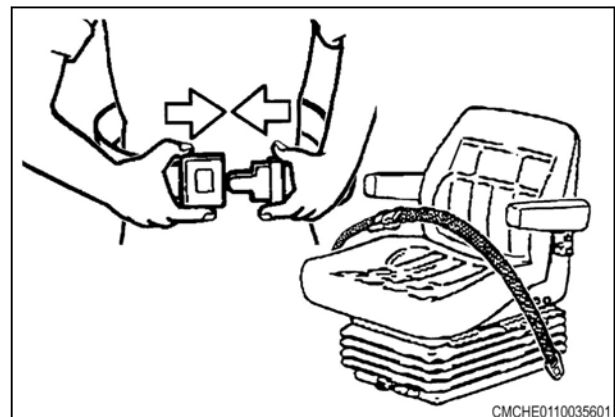


Fig. 7

When the instructional seat is used the machine must be driven at a slower speed and on level ground. Avoid quick starts, stops, and sharp turns. Avoid driving on highways or public roads.

1.2.5 Shield and guards

All shields and guards must be in the correct operating position and in good condition.

Do not open, remove, or reach around shields while the engine is operating. Entanglement in rotating belts and components can cause serious injury or death. Stay clear of rotating components.



Fig. 8

Do not operate the machine with the drive shaft shields open or removed. Entanglement in rotating drive shafts can cause serious injury or death. Stay clear of rotating components.

Make sure rotating guards turn freely.



Fig. 9

1.2.6 Exhaust warning

Never operate the engine in a closed building unless the exhaust is vented outside.

Do not tamper with or modify the exhaust system with unapproved extensions.

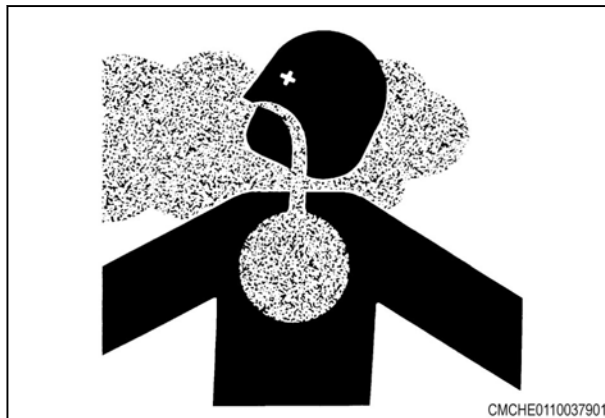


Fig. 10

1.2.7 Flying debris



WARNING:
Be careful when operating along the side of a road or building. Rocks or other debris can be thrown from the machine during operation possibly resulting in injury.

Never stand near the machine during operation. Debris can be thrown from the machine during operation possibly resulting in injury.



Fig. 11

1.2.8 Agricultural chemicals

Agricultural chemicals can be very hazardous. Improper use of fertilizer, fungicides, herbicides, insecticides and pesticides can injure people, plants, animals, soil and other people's property.

Always read and follow all manufacturers' instructions before opening any chemical container.

Even if you think you know the instructions, read and follow instructions each time you use a chemical.

Use the same precautions when adjusting, servicing, cleaning or storing the machine as used when installing chemicals into the hoppers or tanks.

Inform anyone who comes in contact with chemicals of the potential hazards involved and the safety precautions required.

Stand upwind and away from smoke from a chemical fire.

Store or dispose of all unused chemicals only in a manner as specified by the chemical manufacturer.

1.3 Travel on public roads

Make sure you understand the speed, brakes, steering, stability, and load characteristics of this machine before you travel on public roads.

Use good judgment when traveling on public roads. Maintain complete control of the machine at all times. Never coast down hills.

The maximum speed of farm equipment is governed by local regulations. Adjust travel speed to maintain control at all times.

Familiarize yourself with and obey all road regulations that apply to your machine. Consult your local law enforcement agency for local regulations regarding movement of farm equipment on public roads. Use head lamps, flashing warning lamps, tail lamps and turn signals, day and night, unless prohibited by local law.

Make sure all the flashers are operating prior to driving on the road. Make sure reflectors are correctly installed, in good condition, and wiped clean. Make sure the Slow Moving Vehicle (SMV) emblem is clean, visible, and correctly mounted on the rear of the machine.

Lock brake pedals together (if equipped with dual brake pedals) so both wheel brakes will be applied at the same time.

Raise implements to transport position and lock in place. Place all implements into narrowest transport configuration.

Disengage the power take-off and differential lock.

With towed implements, use a proper hitch pin with a clip retainer and safety transport chain.

Be aware of other traffic on the road. Keep well over to your own side of the road and pull over, whenever possible, to let faster traffic pass.

Be aware of the overall width, length, height, and weight of the machine. Be careful when transporting the machine on narrow roads and across narrow bridges.

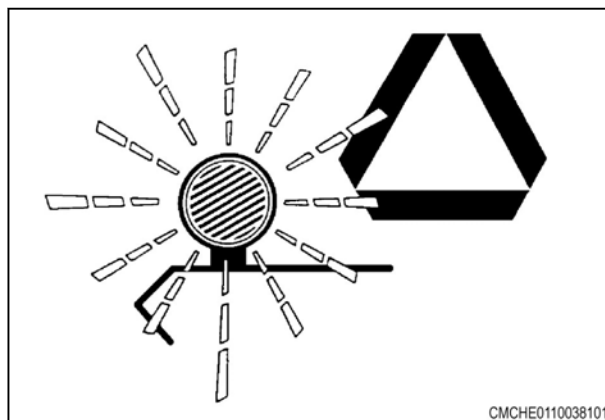


Fig. 12

1. Safety

Watch for overhead wires and other obstructions. Avoid contact with electrical power lines. Contact with electrical power lines can cause electrical shock, resulting in very serious injury or death.

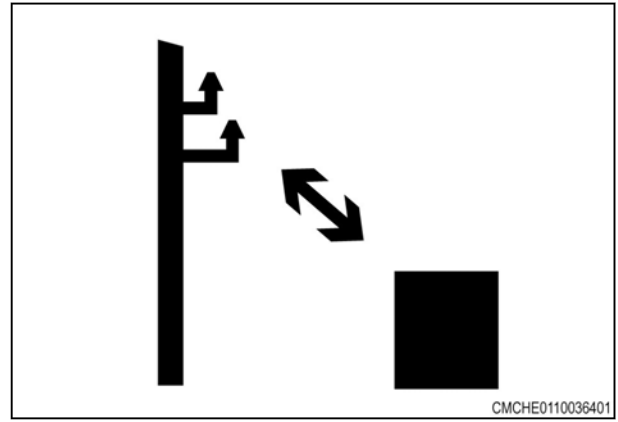


Fig. 13

1.4 Maintenance

1.4.1 General maintenance information

Before doing any unplugging, lubricating, servicing, cleaning, or adjusting:

- Park the machine on a solid level surface.
- Make sure all controls are in the neutral position and apply the park brake.
- Make sure all implements and attachments have been lowered to the ground.
- Stop the engine and take the key with you.
- Look and Listen! Make sure all moving parts have stopped.
- Put blocks in front of and behind the wheels of the machine before working on or under the machine.

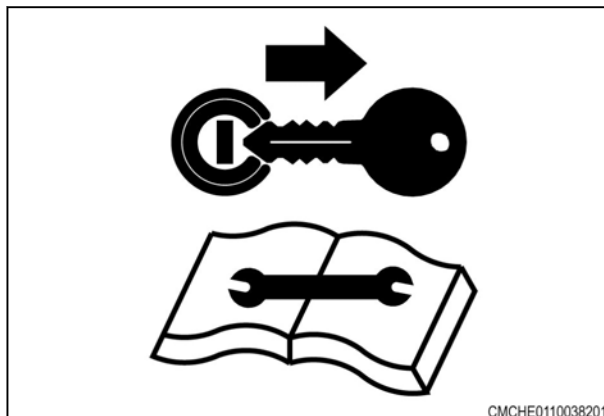


Fig. 14

Do not leave the tractor or implement unattended with the engine running.

Do not pull crop or any other object from the machine while the machine engine is running. Moving parts can pull you in faster than you can move away.

Check all nuts and bolts periodically for tightness, especially wheel mounting hardware.

Do not attempt to service or adjust the machine until all moving parts have stopped.

Check all nuts and bolts periodically for tightness, especially wheel mounting hardware.

Be aware of the size of parts when doing service work. Never stand under or near a part being moved with lifting equipment.

After unplugging, lubricating, servicing, cleaning, or adjusting the machine make sure all tools and equipment have been removed.

Make sure electrical connectors are clean and free of dirt or grease before connecting.

Check for loose, broken, missing, or damaged parts. Make sure the machine is in good repair. Make sure all guards and shields are in position.

Always raise implement, shut off tractor engine, apply the parking brake, shift to park position (or neutral) remove the key and install the cylinder stops channels before working around the machine.

Avoid working under the machine. However, if it becomes unavoidable to do so, make sure the machine is securely blocked and the cylinder lockup channels are in position.

When working around discs or shanks, be careful to not get cut on sharp edges.

Never service, check or adjust drive chains or belts while the engine is running.



Fig. 15

1. Safety

Do not operate the machine with the drive shaft shields open or removed. Entanglement in rotating drive shafts can cause serious injury or death.

Stay clear of rotating components.

Make sure rotating guards turn freely.

A loose yoke can slip off a shaft and result in injury to persons or damage to the machine.

When installing a quick disconnect yoke, the spring activated locking pins must slide freely and be seated in the groove on the shaft. Pull on the driveline to make sure the quick disconnect yoke can not be pulled off the shaft.

Remove spilled oil, antifreeze or fuel immediately from the steps, platform, and other access areas.

Keep all access areas clean and free of obstructions.



Fig. 16



Fig. 17

1.4.2 Fire prevention and first aid

Be prepared for emergencies.

Keep a first aid kit handy for treatment of minor cuts and scratches.

Always carry one or more fire extinguishers of the correct type. Check fire extinguishers regularly as instructed by the manufacturer. Make sure fire extinguishers are properly charged and in operating condition.

Due to the nature of the crops this machine will operate in, the risk of fire is of concern. Use a water type fire extinguisher or other water source for a fire in crop.

For fires involving anything other than crop, such as oil or electrical components, use a dry chemical fire extinguisher with an ABC rating.

Mount fire extinguishers within easy reach of where fires can occur.

Frequently remove accumulated crop material from the machine and check for overheated components. Check the machine daily for any noises that are not normal. Such noises could indicate a failed component that can cause excess heat.



Fig. 18

If any flame cutting, welding, or arc welding is to be done on the machine or attachments, make sure to clear any crop material or debris from around the area. Make sure the area below the work area is clear of any flammable material as falling molten metal or sparks can ignite the material.

If fire occurs stand upwind and away from smoke from the fire.

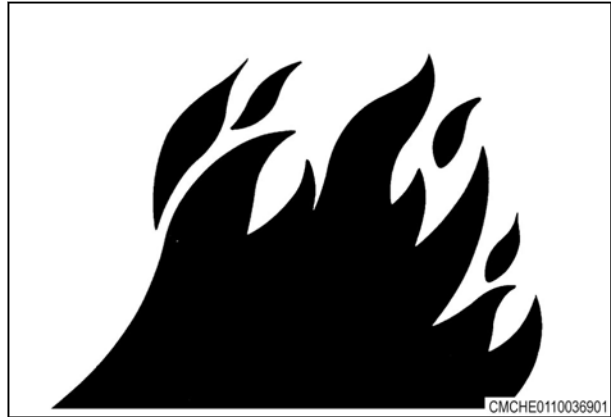


Fig. 19

1.4.3 High pressure leaks

Fluid leaking from the hydraulic system or the fuel injection system under high pressure can be very hard to see. The fluid can go into the skin causing serious injury.

Fluid injected into the skin must be surgically removed within a few hours. If not removed immediately, serious infection or reaction can develop. Go immediately to a doctor who knows about this type of injury.



Fig. 20

Use a piece of cardboard or wood to search for possible leaks. Do not use your bare hand. Wear leather gloves for hand protection and safety goggles for eye protection.

Relieve all pressure before loosening any hydraulic lines. Relieve the pressure by lowering raised equipment, shutting off accumulator valve, if equipped, and shutting off the engine. Tighten all connections securely before applying pressure.

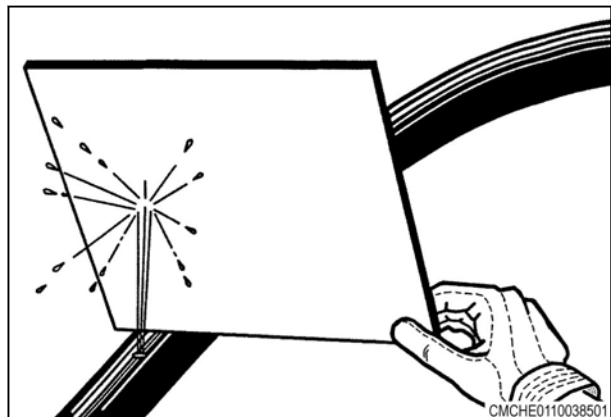


Fig. 21

1.4.4 Tire safety

Check tires for cuts, bulges, and correct pressure. Replace worn or damaged tires. When tire service is needed, have a qualified tire mechanic service the tire. Tire changing can be very hazardous and must be done by qualified tire mechanic using proper tools and equipment. See the Specifications Section for the correct tire size.

Tire explosion and/or serious injury can result from over inflation. Do not exceed the tire inflation pressures. See the Specifications Section for the correct tire pressure.

Do not inflate a tire that is seriously under inflated or has been run flat. Have the tire checked by qualified tire mechanic.

Do not weld on the rim when a tire is installed. Welding will make an air/gas mixture that can cause an explosion and burn with high temperatures. This danger applies to all tires, inflated or deflated. Removing air or breaking the bead is not enough. The tire must be completely removed from the rim prior to welding.

When preparing a calcium chloride solution for fluid ballast the tractor tires, never pour water onto the calcium chloride. A chlorine gas can be generated which is poisonous and explosive. This can be avoided by slowly adding calcium chloride flakes to water and stirring until they are dissolved.

When seating tire beads onto rims, never exceed 2.4 bar (35 psi) or the maximum inflation pressure specified on the tire. Inflation beyond this maximum pressure may break the bead, or even the rim, with explosive force.



Fig. 22

1.4.5 Replacement parts

Where replacement parts are necessary for periodic maintenance and servicing, genuine replacement parts must be used to restore your equipment to original specifications.

The manufacturer will not accept responsibility for installation of unapproved parts and/or accessories and damages as a result of their usage.

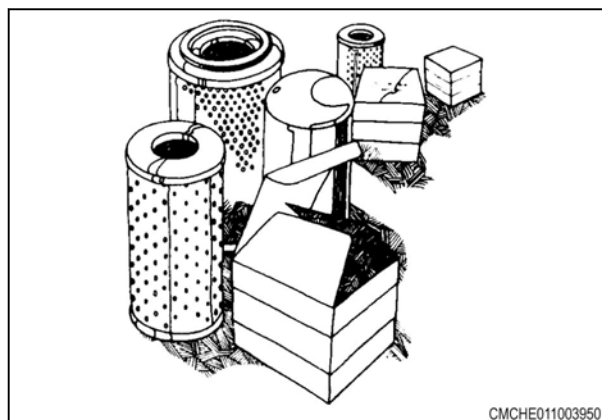
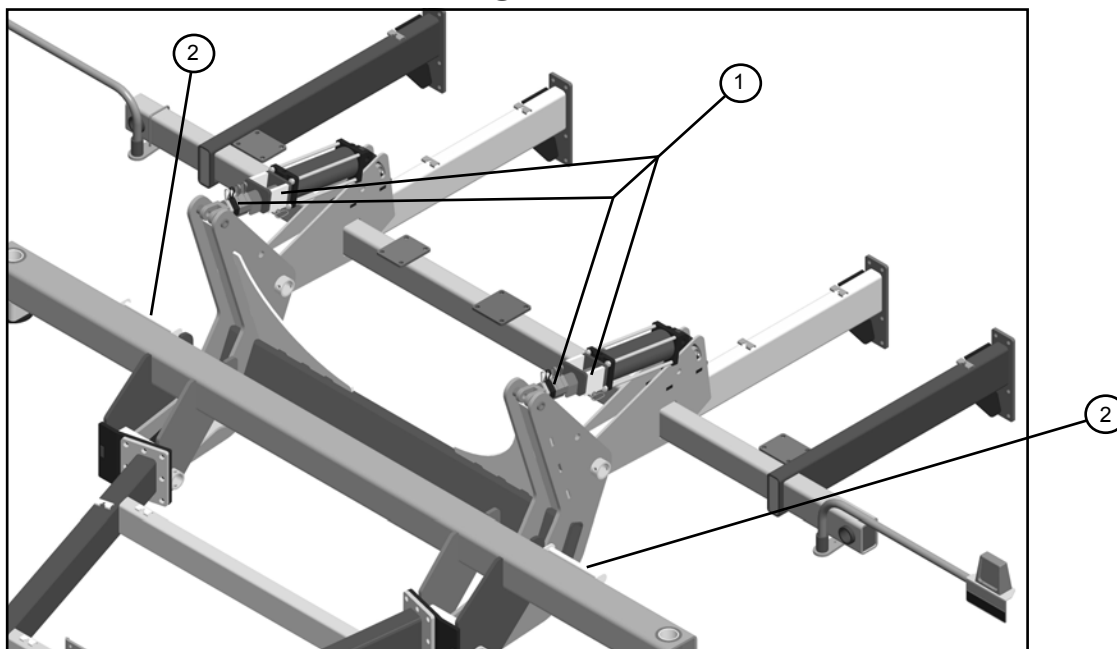


Fig. 23

1.5 Transport locks

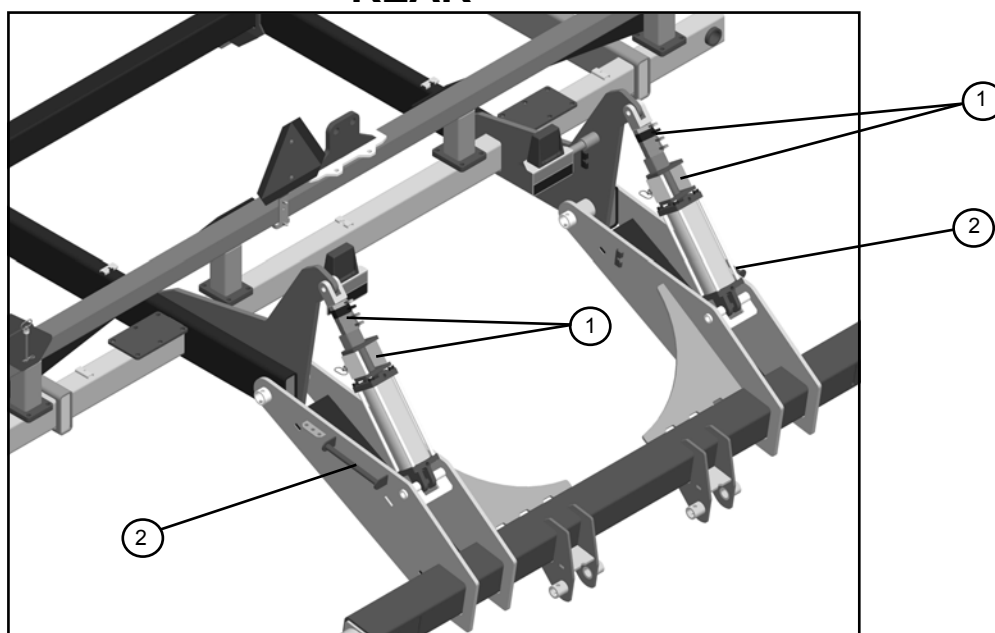
The machine is equipped with transport locks and depth stop collars. Use the transport locks and depth stop collars in the operating position (1) when moving the machine on roads. When not in use, keep the transport locks and depth stop collars in the storage position (2).

FRONT



701304

REAR



701303

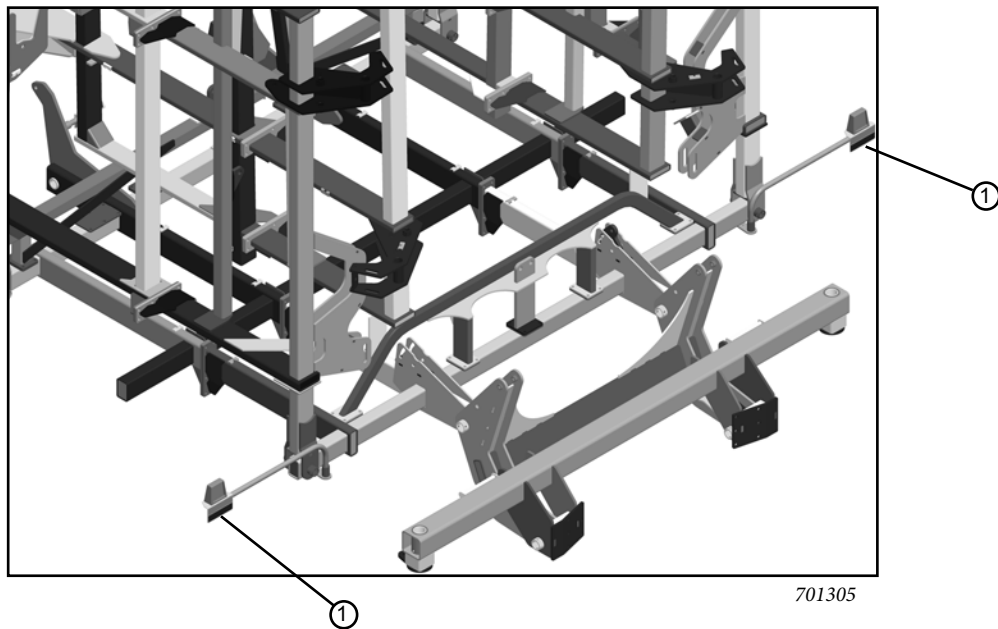
1.6 Marker lamps

The machine has marker lamps that must be used when moving the machine in the folded position on roads.

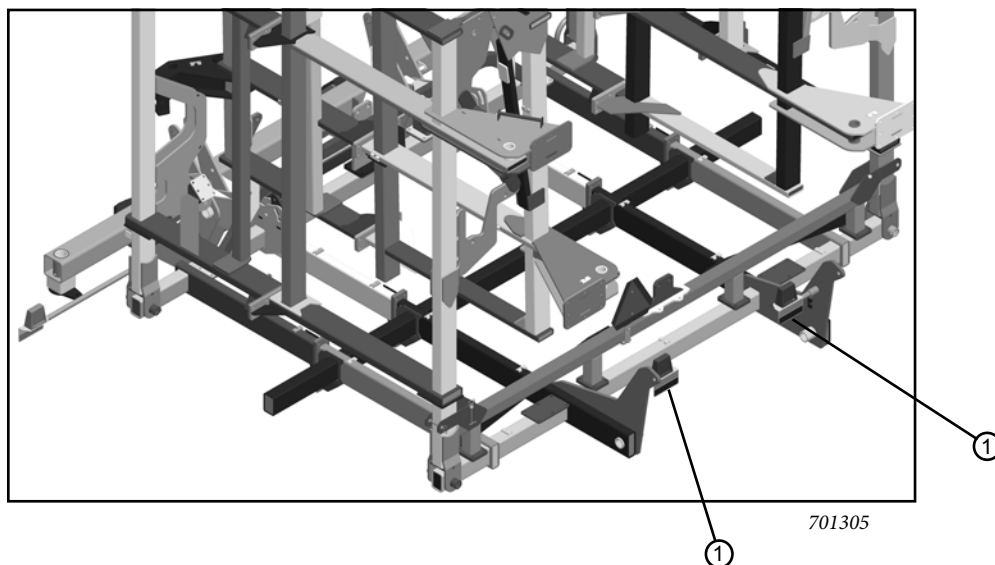
The machine is equipped with two red lamps (1) located toward the rear center of the machine.

The machine is equipped with two amber lamps (1) located at the front outside edges of the folded machine.

FRONT



REAR



1.7 Safety sign location

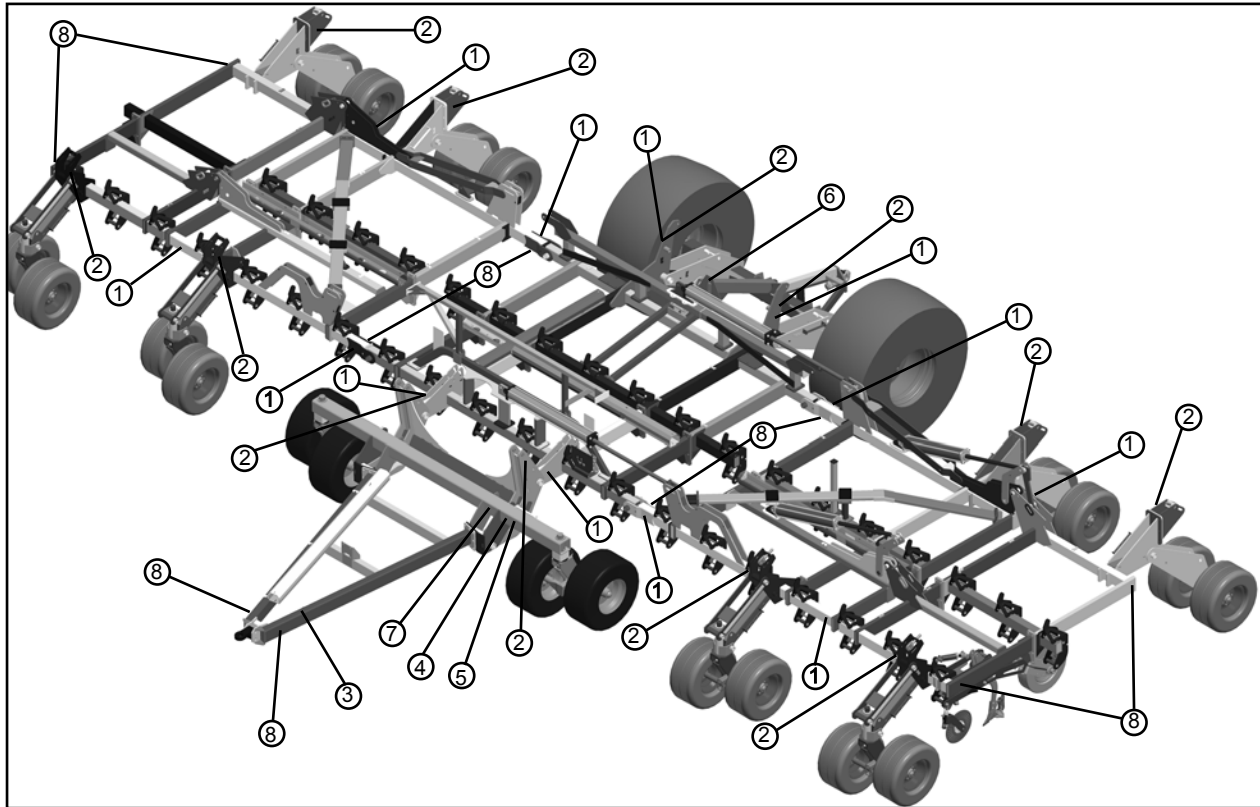


Fig. 26

- (1) Danger/Folding Wings
- (2) Warning/Lockout
- (3) Safety Decal Set
- (4) Warning/Read Operator Manual
- (5) Danger/High Line
- (6) Slow Moving Vehicle
- (7) Maximum Speed
- (8) Reflector/Amber

(1) Danger/folding wings

Hazard (A): Overhead crushing hazard from lowering or falling wing.

Avoidance (B): Stay clear of this area while engine and machine are operating. For service work, install the wing lock pins before getting under the wing.

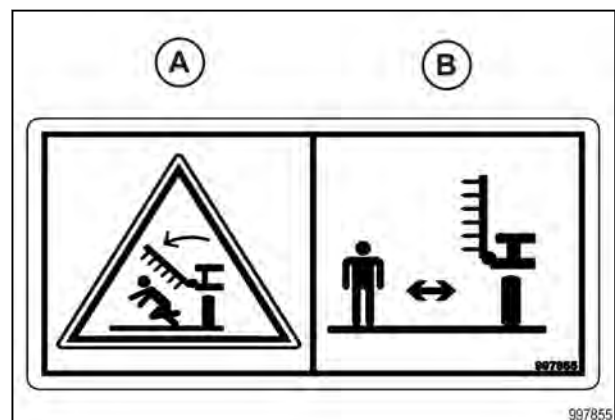


Fig. 27

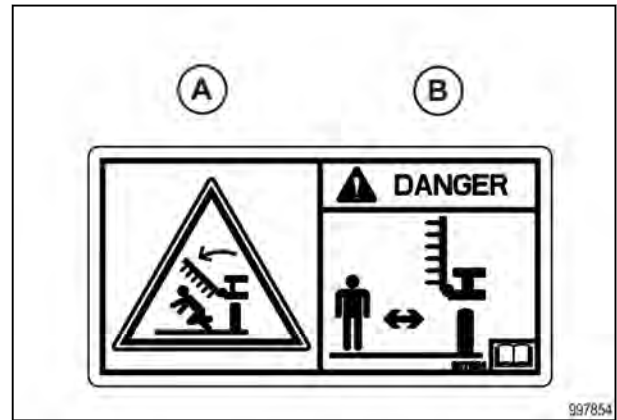


Fig. 27

(2) Warning/lockout

Hazard (A): Crushing hazard.

Avoidance (B): Stay clear of this area while engine and machine are operating. For service work, install the wing lock pins before getting under the wing.

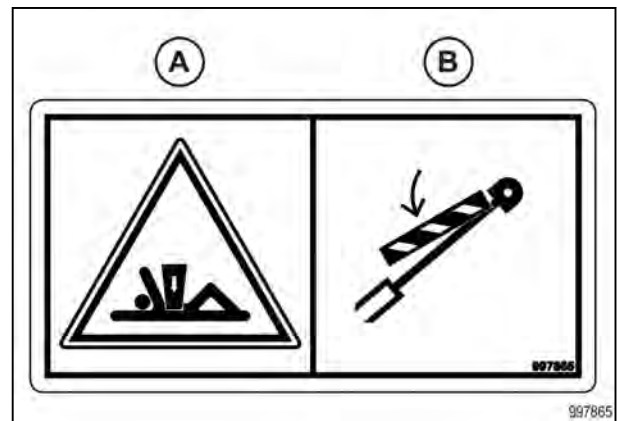


Fig. 28

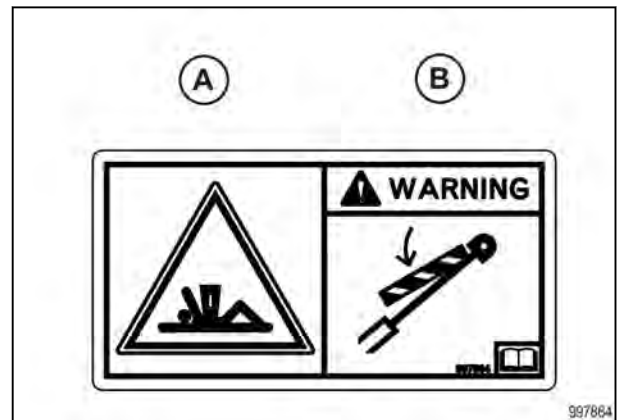


Fig. 28

(3) Caution/safety chains

Hazard (A): Loss of machine control.

Avoidance (B): Install the safety chains when connecting the machine to the tractor. Read the operators manual for safety information and the operating instruction before operating the machine.

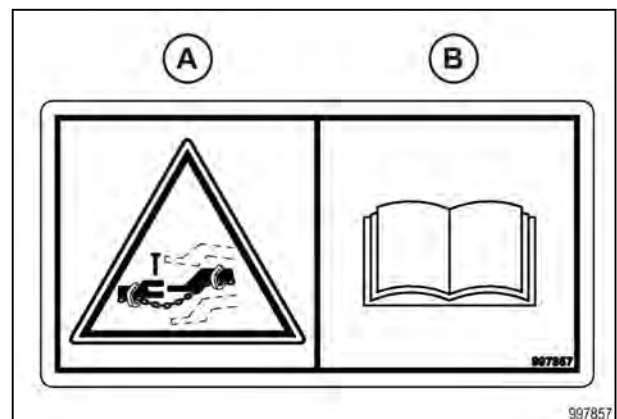


Fig. 29

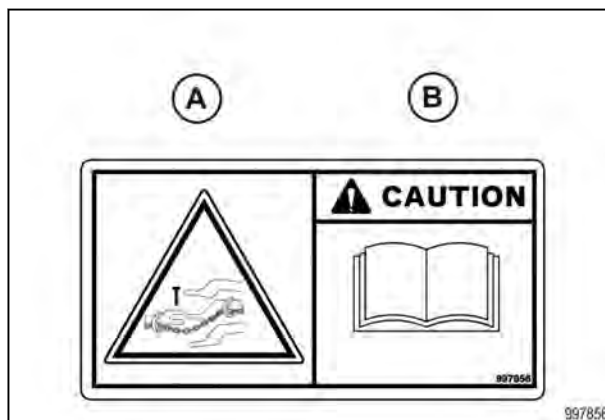


Fig. 29

(4) Warning/negative tongue weight

Hazard (A): Negative tongue weight will cause the tongue to rise immediately when disconnecting the machine.

Avoidance (B): Stay clear of the tongue when disconnecting the machine from the tractor. Read the operators manual for safety information and operating the instructions before operating the machine.

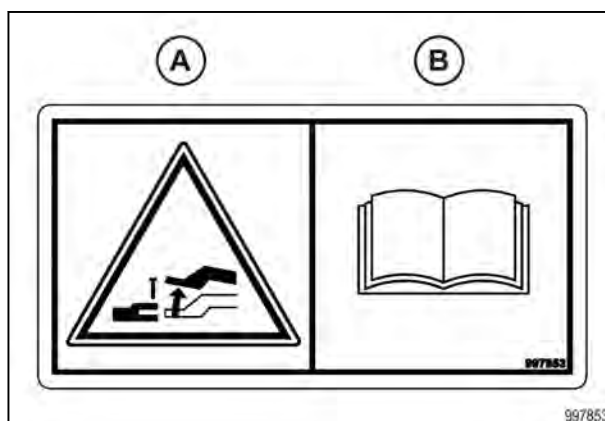


Fig. 30

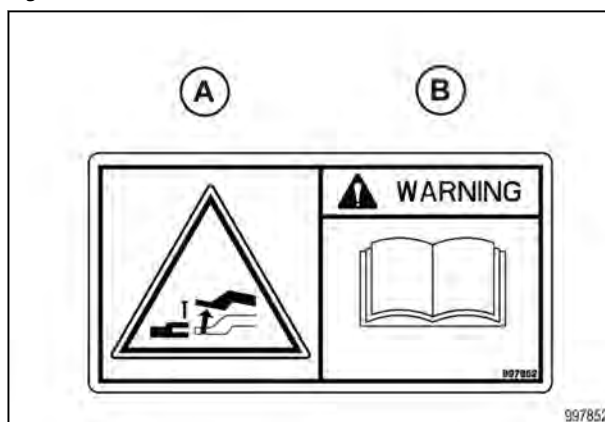


Fig. 30

(5) Warning/remove key

Hazard (A): General safety alert.

Avoidance (B): Turn off the machine and remove the key before maintenance or repair.

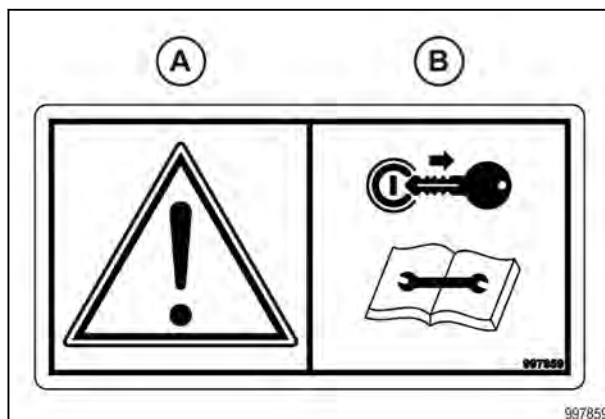


Fig. 31

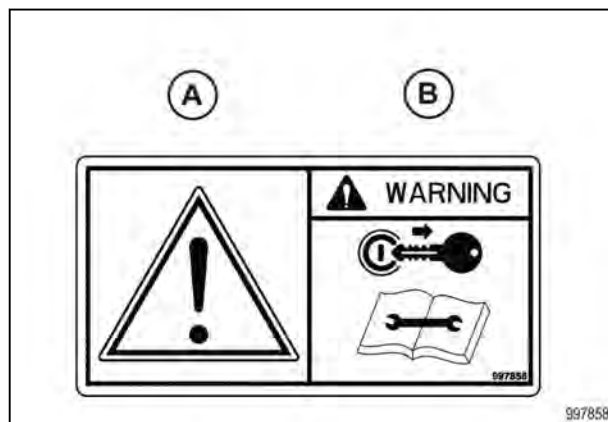


Fig. 31

(6) Warning/read operators manual

Hazard (A): General safety alert.

Avoidance (B): Read and understand the operators manual before operating the machine.

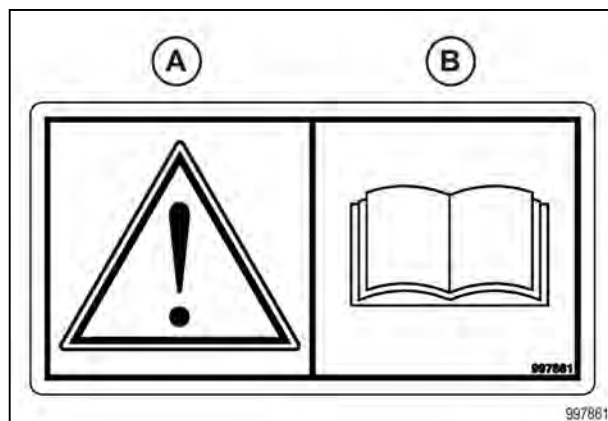


Fig. 32

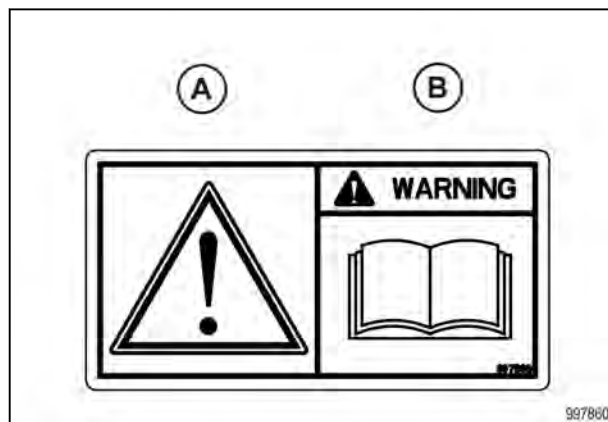


Fig. 32

(7) Danger/high line

Hazard (A): Electrical shock hazard - risk of personal injury and component damage.

Avoidance (B): Keep the correct distance away from electrical power lines.

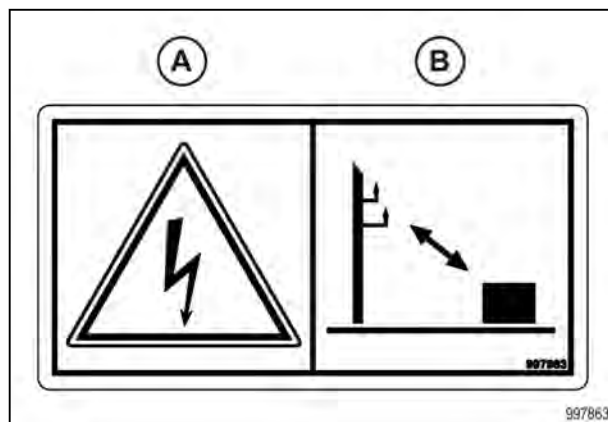


Fig. 33

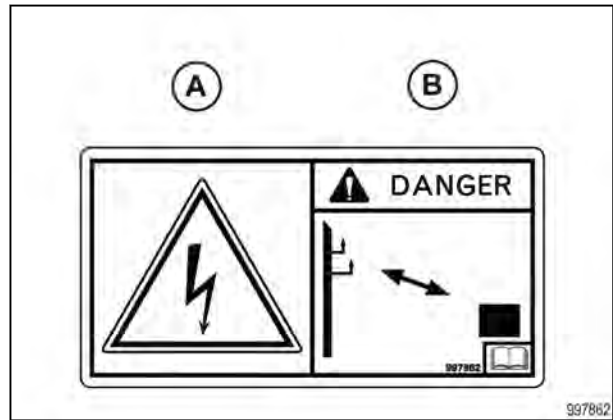


Fig. 33

(8) Warning/hydraulic fluid pressure

Hazard (A): Injection hazard into skin - escaping fluid under high pressure.

Avoidance (B): Turn off the engine, remove the key, relieve the pressure before maintenance or repair. Refer to the operator manual for the correct service procedures.

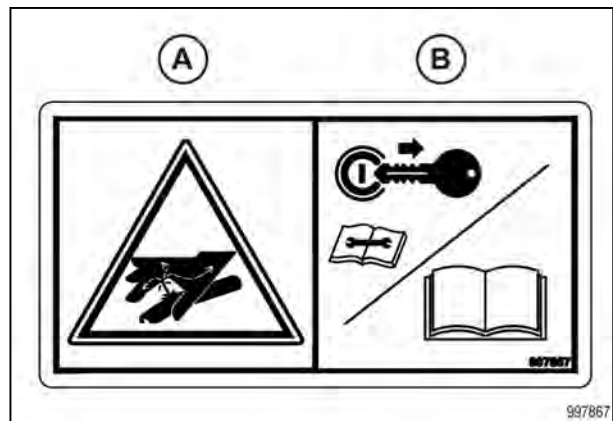


Fig. 34

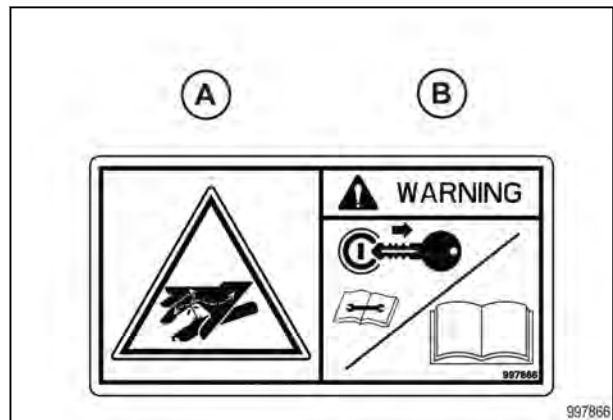


Fig. 34

(9) Maximum speed

The maximum speed safety sign displays the maximum speed to transport the machine.



Fig. 35

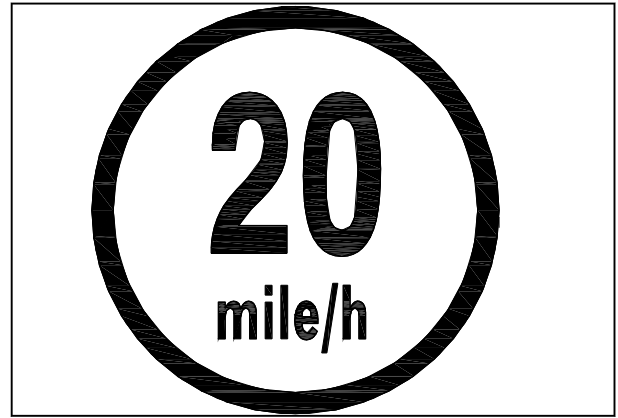


Fig. 35

(10) Reflector/yellow

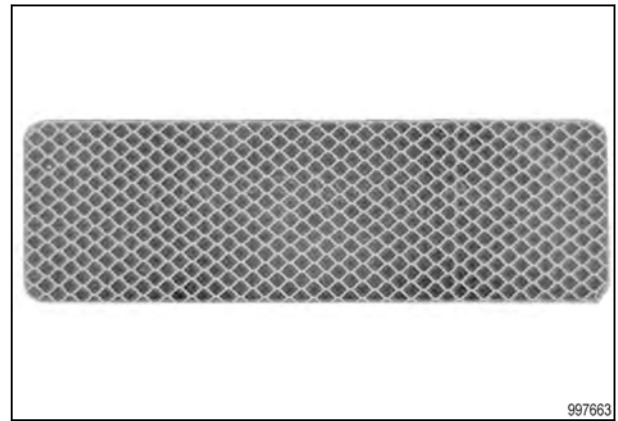


Fig. 36

2. Introduction

2.1 Introduction	28
2.1.1 Units of measurement	29
2.1.2 Replacement parts	29
2.1.3 Intended use	29
2.1.4 Proper disposal of waste	29
2.2 Machine identification	31
2.2.1 Serial number plate location	31
2.2.2 Serial number description	31

2.1 Introduction



CAUTION:

In some of the illustrations used in this Operator Manual, panels or guards may have been removed for clarity. Never operate the tractor with these panels and guards removed. If the removal of a shield is necessary to make a repair, it must be replaced before operation.



CAUTION:

Read this book in its entirety prior to operating machine. Use only genuine replacement parts for repairs and/or replacement.

This manual gives the operator the proper instructions needed for operation and maintenance. Read, understand, and follow these instructions for best machine performance and life. With proper maintenance and operation procedures, the machine will have better overall performance. Use normally available tools for maintenance on this machine.

All operators must read and understand this manual before operating this machine. Where possible, operators who have not operated the machine must receive instruction from an operator who has operated this machine. Your dealer can give instruction in machine operation. Keep this manual with the machine for future reference. If the original manual is damaged, order a replacement from your dealer.

See your dealer in for any service problems and adjustments. The dealer is equipped for all service work and to help with specific applications of the tractor in local conditions.

Left-hand and right-hand are determined by facing the direction the machine will travel when in use.

2.1.1 Units of measurement

Measurements are given in metric units followed by the equivalent in US units. Hardware sizes are given in millimeters for metric hardware and inches for US hardware.

2.1.2 Replacement parts

To receive prompt efficient service, remember to have the following information:

- Correct part description and part number
- Model number of the machine
- Serial number of the machine

2.1.3 Intended use

This machine is designed solely for use in customary agricultural operations.

Do not use this machine for any application or purpose other than those described in this manual. The manufacturer accepts no liability for damage or injury resulting from misuse of this machine.

Compliance with the conditions of operation, service and repair as specified by the manufacturer constitute essential elements for the intended use of this machine.

This machine should be operated, serviced and repaired only by qualified persons familiar with its characteristics and familiar with the relevant safety rules and procedures.

All generally recognized safety regulations and road traffic regulations must be obeyed at all times.

Any unauthorized modifications performed on this machine will relieve the manufacturer of all liability for any resulting damage or injury.

2.1.4 Proper disposal of waste

Improper disposal of waste can pollute the environment and ecology. A few examples of potentially harmful equipment waste can include, but not limited to, items such as oil, fuel, coolant, brake fluid, filters, battery chemicals, tires, etc.

Use leak proof containers when draining fluids. Do not use food or beverage containers to collect waste fluids, as food or beverage container(s) may mislead someone into drinking from them.

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

Air conditioning refrigerants escaping into the air can damage the Earth's atmosphere. Government regulations may require a certified air conditioning service center to recover and recycle used air conditioning refrigerants.

Inquire with local environmental or recycling center on the proper way to recycle or dispose waste.

2.2 Machine identification

Each machine is identified by a model and a serial number.

Record these numbers in the spaces given.

Give the model number and serial number to your dealer when parts or service are required.

Machine model number: _____

Machine serial number: _____

Date of delivery: _____

Dealer name: _____

Dealer address: _____

Dealer telephone number: _____

Dealer e-mail address: _____

Dealer fax number: _____

2.2.1 Serial number plate location

The serial number plate (1) is located on the side of the main frame tube.

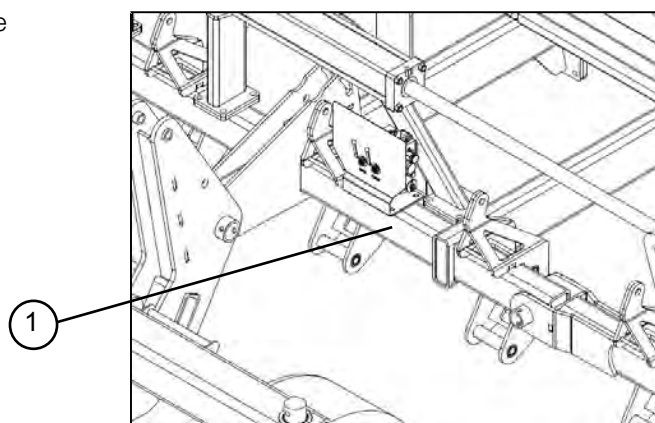


Fig. 1

2.2.2 Serial number description

Description of the serial number for model year 2010 and up.

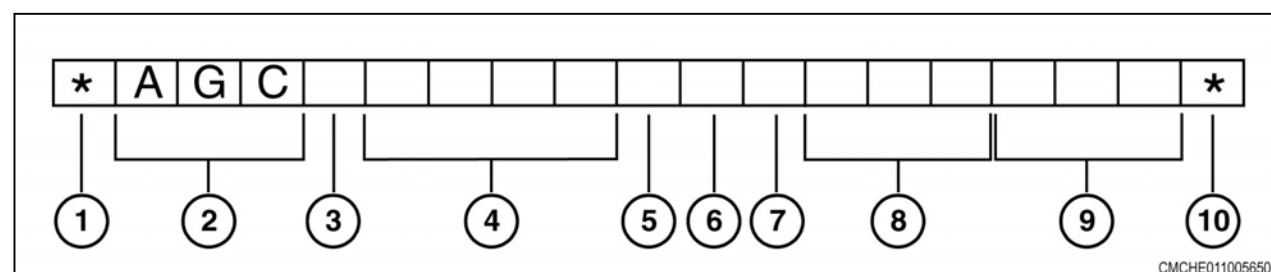


Fig. 2

- | | |
|-------------------------------------|---|
| (1) Beginning symbol | (5) Check letter (0 or used if model identifier is five digits) |
| (2) World manufacturer code | (6) Model year code (A=2010, B=2011, C=2012, and on) |
| (3) Brand code | |
| (4) Model identifier (model number) | |

(7) Plant code
(8) Family code

(9) Unit number for the year
(10) Ending symbol

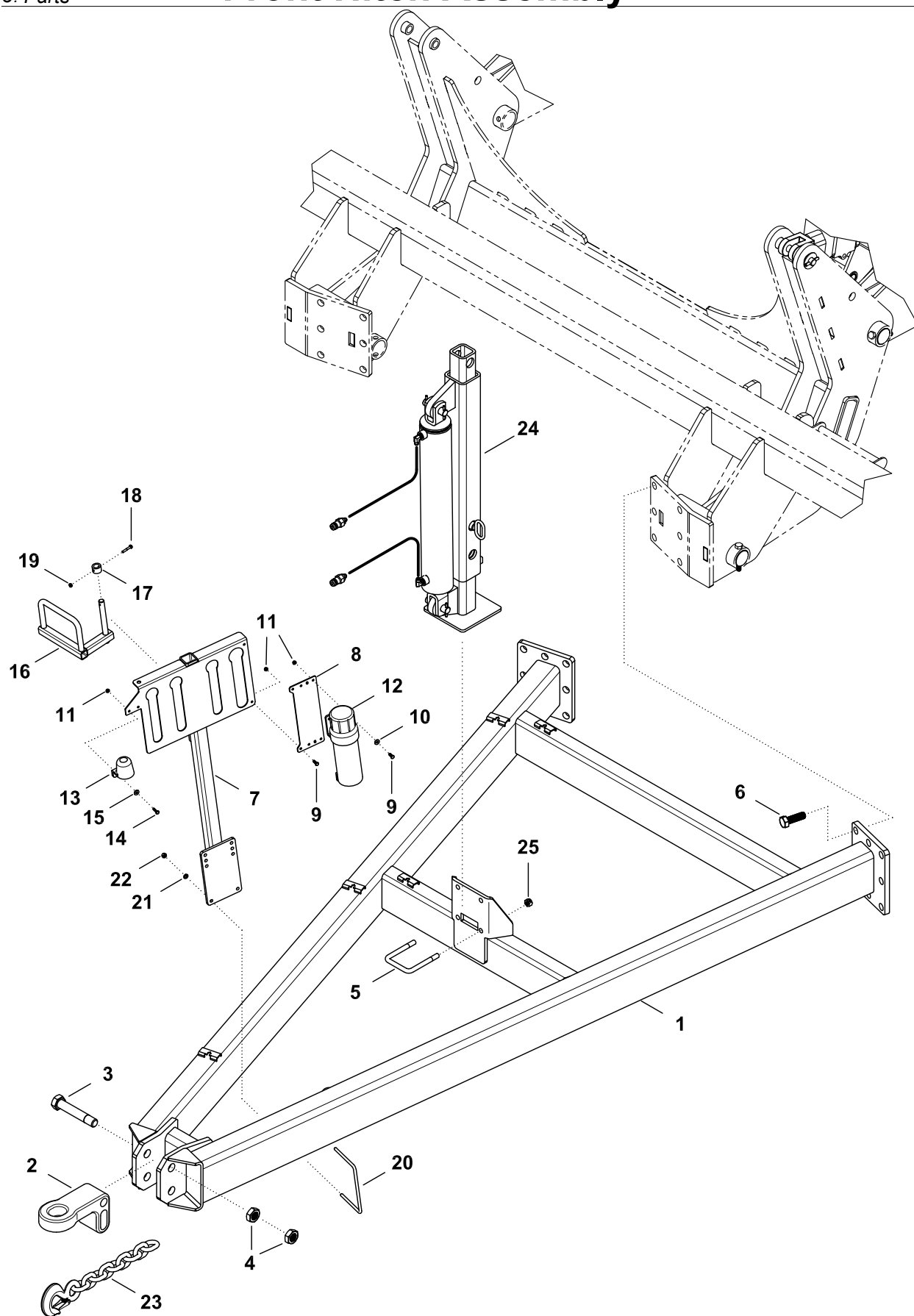
3. Parts

Front Hitch Assembly	35-36
Hydraulic Jack	37-38
Mainframe Assembly - 51ft	39-40
Mainframe Assembly - 61ft	41-42
Inner & outer wing Assembly - 51ft	43-44
Inner & outer wing Assembly - 61ft	45-46
Inner & outer wing Assembly - 51ft continued	47-48
Inner & outer wing Assembly - 61ft continued	49-50
Hydraulic Hose Trough Assembly	51-52
Rear Axle & Rear Hitch Assembly	53-54
Lift Switch - Rear Hitch	55-56
Front Caster - Mainframe Assembly	57-58
Front Caster - Inner & Outer wing Assembly	59-60
Rear Lift Wheel Assembly - Inner & Outer Wing	61-62
Hub & Spindle Assembly - Front Mainframe	63-64
Hub & Spindle Assembly - Rear Mainframe	65-66
Hub & Spindle Assembly - Inner & Outer wing	67-68
Row Unit Assembly	69-70
Hub & Spindle Assembly - Packer Wheel	71-72
Row Unit - Frame Mount	73-74
Row Unit - Down Pressure Cylinder Mount	75-76
Row Unit - Cutting Coulter Assembly	77-78
Row Unit - Cutting Coulter Assembly - continued	79-80
Hub Assembly - Cutting Coulter	81-82
Row Unit - Disc Closer Assembly	83-84
Row Unit - Disc Closer Assembly - continued	85-86
Rear Mainframe Lift Cylinder Mounting	87-88
Front Mainframe Lift Cylinder Mounting	89-90
Wing Fold Cylinder Mounting	91-92

3. Parts - continued

Lift Cylinder Hydraulics - 51ft.	93-94
Lift Cylinder Hydraulics - 61ft.	95-96
Wing Fold Hydraulics - 51ft.	97-98
Wing Fold Hydraulics - 61ft.	99-100
Down Pressure Hydraulics - DP Block 51 & 61ft.	101-102
Down Pressure Hydraulics - Mainframe - 51ft.	103-104
Down Pressure Hydraulics - Mainframe - 61ft.	105-106
Down Pressure Hydraulics - Inner Wing - 51ft.	107-108
Down Pressure Hydraulics - Inner Wing - 61ft.	109-110
Down Pressure Hydraulics - Outer Wing - 51ft.	111-112
Down Pressure Hydraulics - Outer Wing - 61ft.	113-114
Rear Hitch Hydraulics.	115-116
Wheel Assembly.	117-118
Decals - Model.	119-120
Decals - Safety.	121-122

Front Hitch Assembly

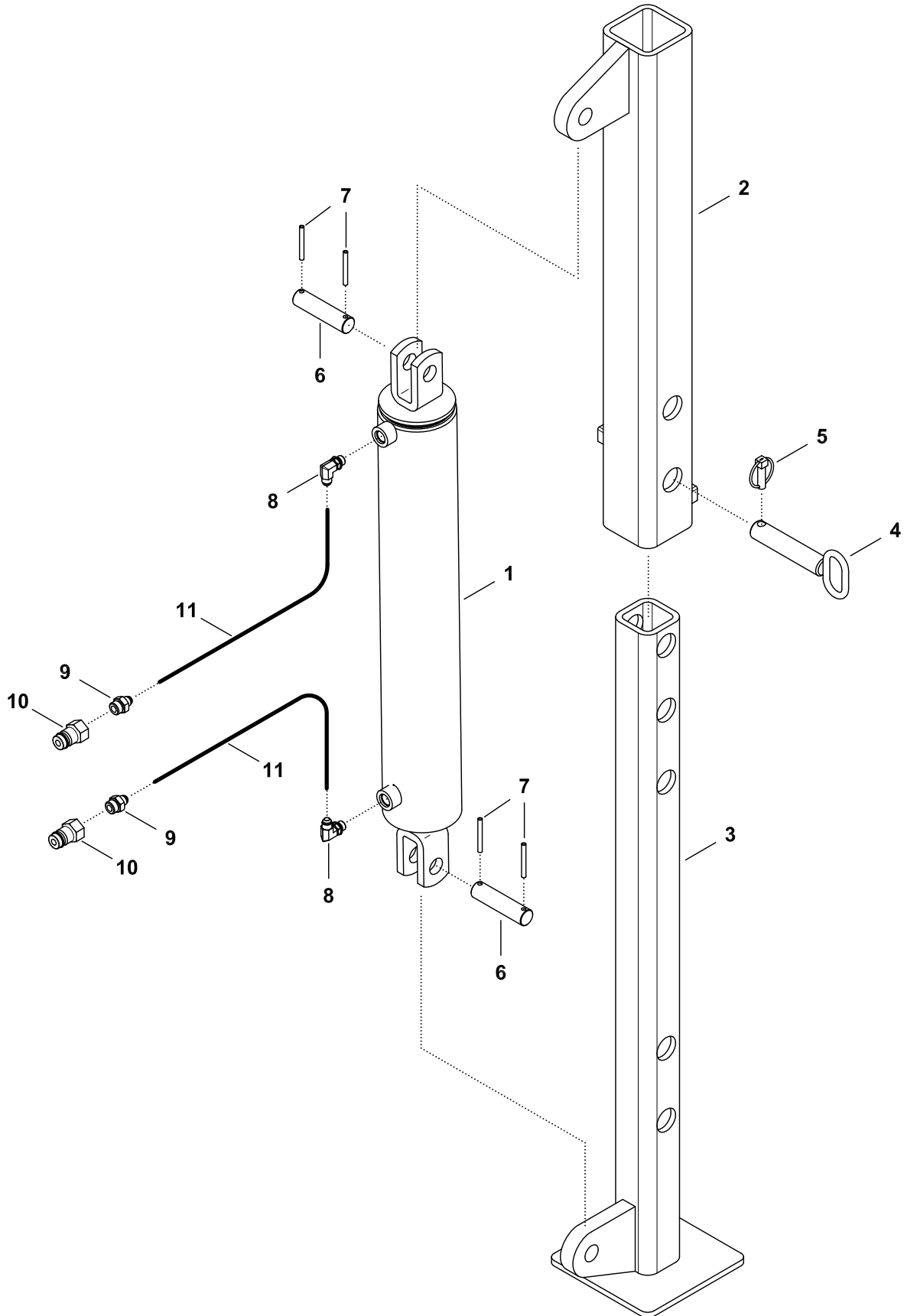


Front Hitch Assembly

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	240469	1	MAIN HITCH - ATD
2	18236	1	CAST DUAL HITCH
3	354313	1	HITCH BOLT 1-1/4 X 7 UNC X 7.00 LONG
4	88622	2	NUT JAM 1-1/4-7NC 5Z
5	45633	1	BLT-U 5/8-11NC X 4 X 5-1/2Z
6	88399	12	BLT HEX 1-8NC X 3 5Z
7	322425	1	DOCKING STATION
8	322427	1	SHT-DS MANUAL HOLDER
9	88993	5	BLT HEX 1/4-20NC X 3/4 5Z
10	88261	3	WSHR FLAT 1/4(5/16 X 3/4ACT) Z
11	89501	7	NUT TOP LK 1/4-20NC 5Z
12	234313	1	STORAGE TUBE-OWNERS MANUAL
13	223329	1	PLUG HOLDER
14	88203	2	BLT HEX 1/4-20NC X 1 5Z
15	88261	2	WSHR FLAT 1/4(5/16 X 3/4ACT) Z
16	322412	1	WLDMT-DS HOSE CRADLE
17	322417	1	TUBE-DS COLLAR
18	88504	1	BLT HEX 1/4-20NC X 1-1/2 5Z
19	88237	1	NUT 2POSLK 1/4-20NC 5Z
20	A64244	2	U-BOLT .375 X 5.125 X 8.063 X 5.125
21	88362	4	WSHR HLK 3/8ID Z
22	88103	4	NUT HEX 3/8-16NC 5Z
23	A36223	1	CHAIN-SAFETY 80000#
24	241460	1	HYD JACK ASSEMBLY, See page 37-38
25	88369	4	NUT 2POSLK 5/8-11NC 5Z

Hydraulic Jack Assembly

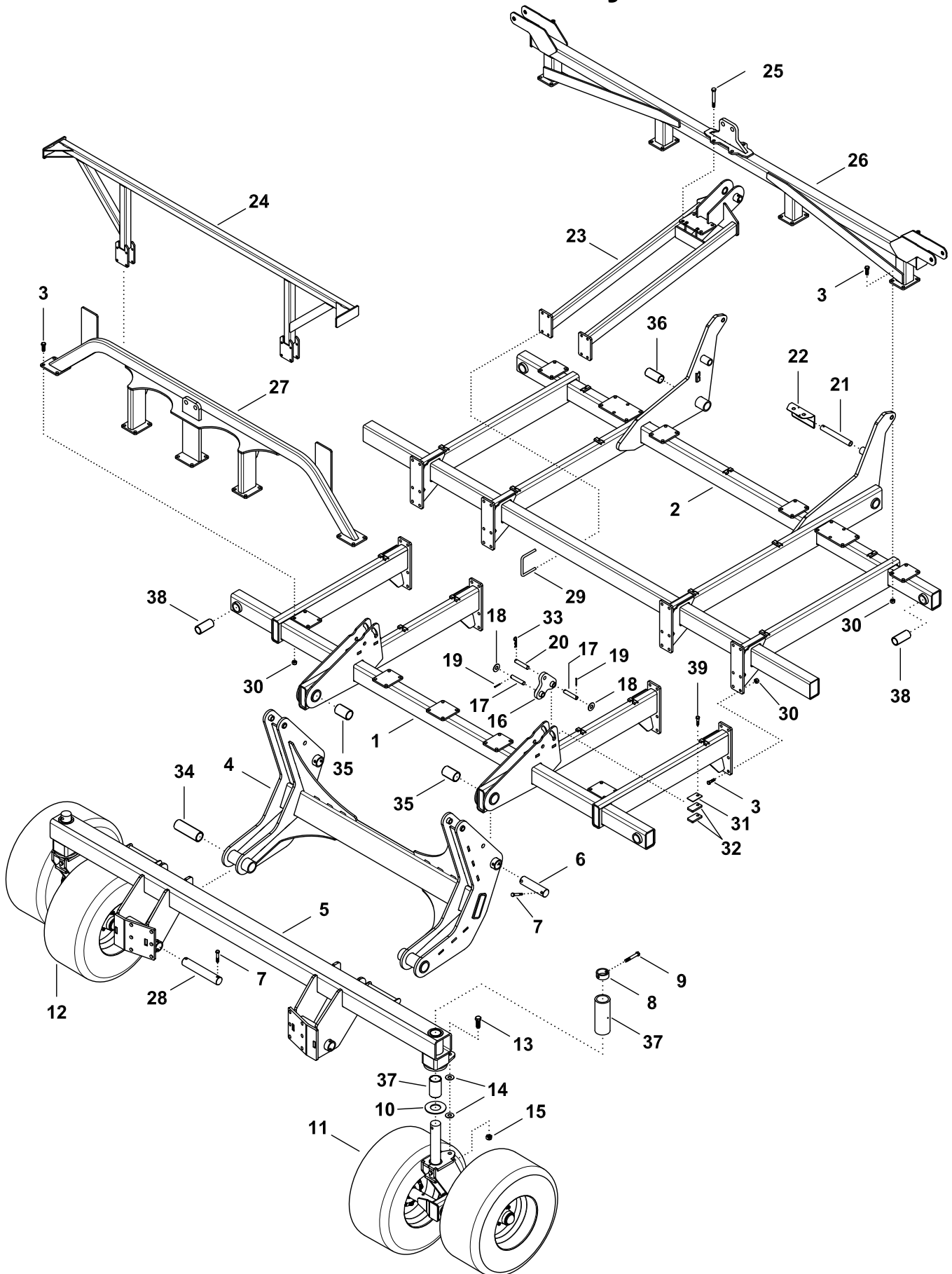


Hydraulic Jack Assembly

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
	241460	1	HYD JACK ASSEMBLY, Inc. 1 - 11
1	51241F	1	HYD CYL, 3X24 FGS #A519CY10
2	239728	1	JACK TUBE WELDMENT
3	239727	1	JACK LEG WELDMENT
4	23011	1	HITCH PIN 1-1/8X4-3/4
5	32990	1	PIN,CLICK 7/16X1-1/2
6	221714	2	HEADLESS PIN(2) 1X4.00
7	42484	4	PIN ROLL 1/4 X 2-1/4 Z
8	61239	2	ELB 6MJ X 6MORB
9	58543	2	ADP 6 MJ X 8 MORB
10	247425	2	QUICK COUPLER 8 ORB
11	238617	2	HSE 3KPSI 1/4X120 6FJX-6FJX

Main Frame Assembly 51ft

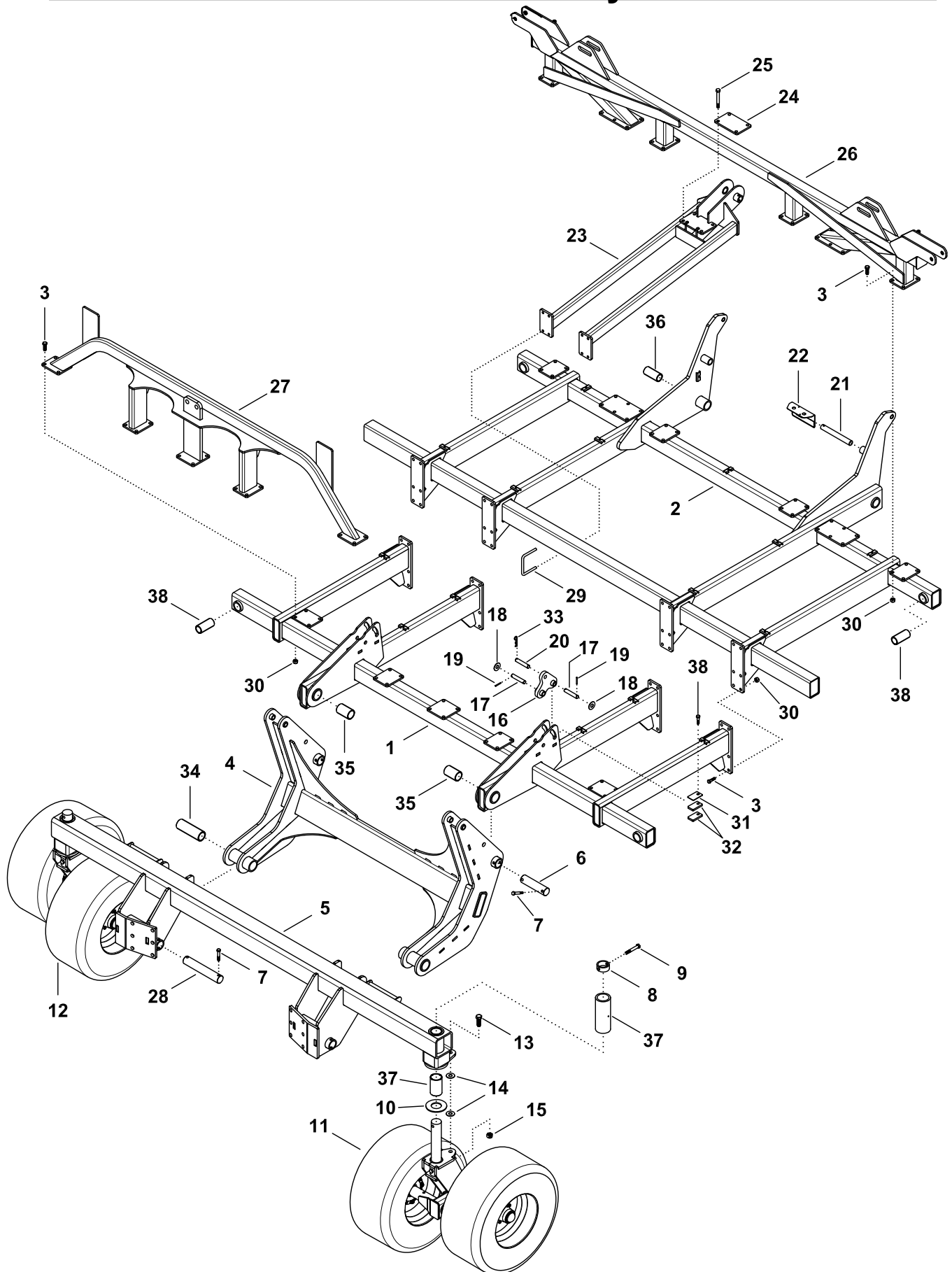


Main Frame Assembly 51ft

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	357890	1	FRONT MAIN FRAME
2	357894	1	REAR MAIN FRAME
3	88290	96	BLT HEX 3/4-10NC X 2 8YZ
4	356996	1	FRONT HITCH PIVOT
5	356998	1	FRONT CASTER MOUNT
6	357523	1	PIN
7	88298	8	BLT HEX 5/8-11NC X 4 5Z
8	241563	2	TOP TUBE
9	88305	2	BLT HEX 3/4-10NC X 5 5Z
10	242932	2	LARGE WEAR PLATE
11	241552	1	LEFT MAIN AXLE WALKER ASSY, See page 57-58
12	241553	1	RIGHT MAIN AXLE WALKER ASSY, See page 57-58
13	88399	2	BLT HEX 1-8NC X 3 5Z
14	88196	4	WSHR FLAT 1 (1-1/16 X 2-1/2ACT) Z
15	88348	2	NUT 2POS LK 1-8NC 5Z
16	357609	2	ADJUSTMENT AHCHOR - FRONT LIFT CYL
17	221344	4	HEADLESS PIN (2) 1 X 5.12
18	88196	4	WSHR FLAT 1 (1-1/16 X 2-1/2ACT) Z
19	42484	4	PIN ROLL 1/4 X 2-1/4 Z
20	42430	2	HEADLESS PIN (2) 1 X 3-7/16(TOP PIN ONLY)
21	223160	1	12 LIGHT ARM
22	223126	1	LIGHT/REFLECTOR BRACKET
23	358256	1	REAR HITCH BRACKET
24	358622	1	FRONT WING REST WELD-51FT
25	88293	4	BLT HEX 3/4-10NC X 6 5Z
26	358246	1	INNER WING ANCHOR WELD-REAR MF
27	358217	1	FRONT WING ANCHOR
28	357524	1	PIN
29	89093	4	BLT-U 5/8-11NC X 6 X 5-1/2 Z
30	88356	96	NUT 2POS LK 3/4-10NC 5Z
31	357610	2	HITCH ADJUST SHIM (ZINC)
32	358909	4	HITCH ADJUST SHIM-THICK (ZF)
33	88133	2	PIN COT 3/16DIA X 2Z
34	357548	2	COMPOSITE BEARING BUSHING 2.527 ID X 2.988 OD X 9.50
35	357546	2	COMPOSITE BEARING BUSHING 2.527 ID X 2.988 OD X 4.75
36	357547	2	COMPOSITE BEARING BUSHING 2.027 ID X 2.489 OD X 7.88
37	357545	4	COMPOSITE BEARING BUSHING 3.027 ID X 3.487 OD X 5.75
38	356900	4	COMPOSITE BEARING BUSHING 2.027 ID X 2.489 OD X 5.50
39	88680	2	BLT HEX 1/2-13NC X 3-1/4 5Z

Main Frame Assembly 61ft

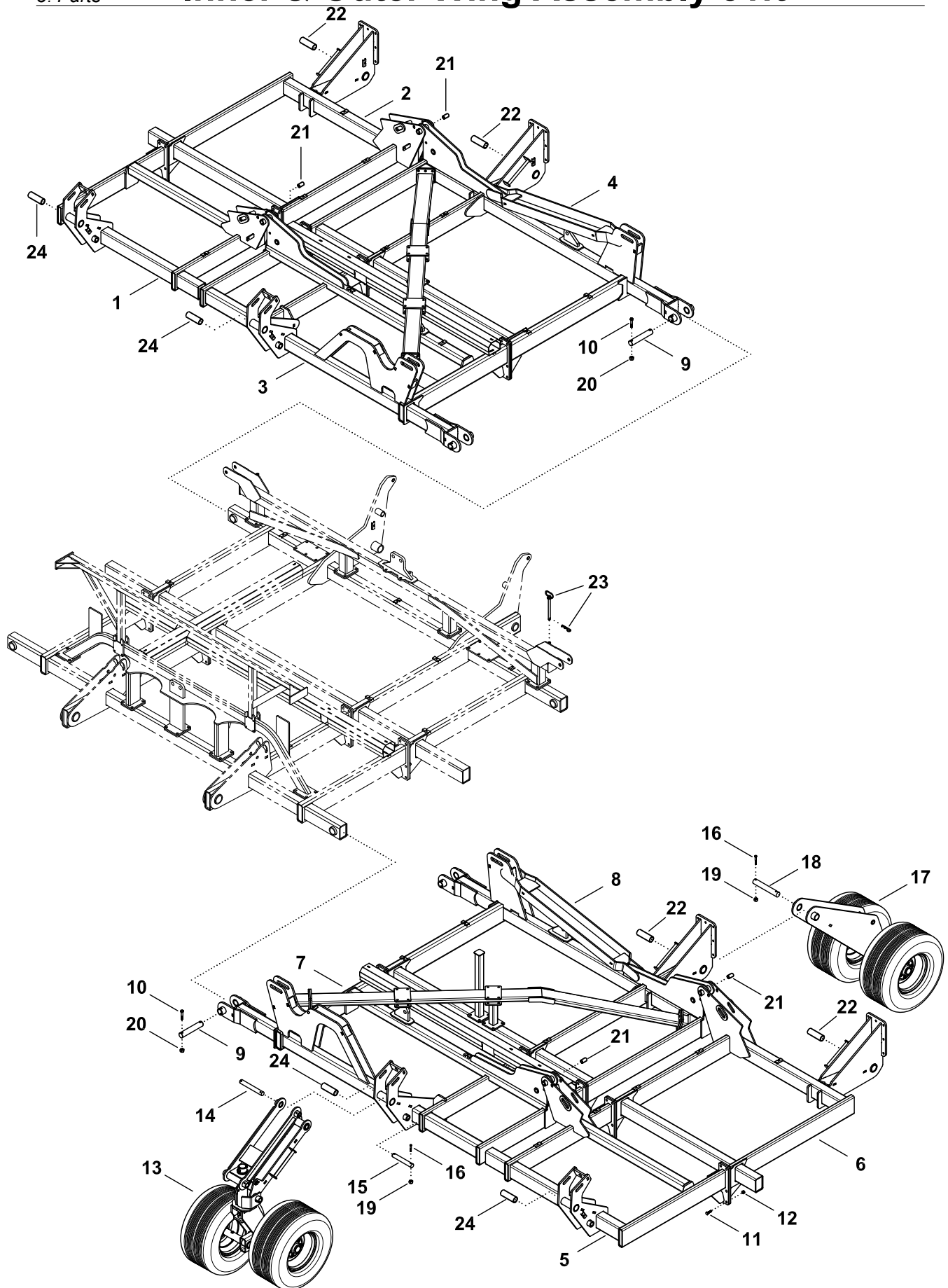


Main Frame Assembly 61ft

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	357890	1	FRONT MAIN FRAME
2	357894	1	REAR MAIN FRAME
3	88290	96	BLT HEX 3/4-10NC X 2 8YZ
4	356996	1	FRONT HITCH PIVOT
5	356998	1	FRONT CASTER MOUNT
6	357523	1	PIN
7	88298	8	BLT HEX 5/8-11NC X 4 5Z
8	241563	2	TOP TUBE
9	88305	2	BLT HEX 3/4-10NC X 5 5Z
10	242932	2	LARGE WEAR PLATE
11	241552	1	LEFT MAIN AXLE WALKER ASSY, See page 57-58
12	241553	1	RIGHT MAIN AXLE WALKER ASSY, See page 57-58
13	88399	2	BLT HEX 1-8NC X 3 5Z
14	88196	4	WSHR FLAT 1 (1-1/16 X 2-1/2ACT)Z
15	88348	2	NUT 2POS LK 1-8NC 5Z
16	357609	2	ADJUSTMENT ANCHOR - FRONT LIFT CYL
17	221344	4	HEADLESS PIN (2) 1 X 5.12
18	88196	4	WSHR FLAT 1 (1-1/16 X 2-1/2ACT)Z
19	42484	4	PIN ROLL 1/4 X 2-1/4 Z
20	42430	2	HEADLESS PIN (2) 1 X 3-7/16(TOP PIN ONLY)
21	223160	1	12 LIGHT ARM
22	223126	1	LIGHT/REFLECTOR BRACKET
23	358256	1	REAR HITCH BRACKET
24	358299	1	PLATE
25	88293	4	BLT HEX 3/4-10NC X 6 5Z
26	358246	1	INNER WING ANCHOR WELD-REAR MF
27	358217	1	FRONT WING ANCHOR
28	357524	1	PIN
29	89093	4	BLT-U 5/8-11NC X 6 X 5-1/2 Z
30	88356	96	NUT 2POS LK 3/4-10NC 5Z
31	357610	2	HITCH ADJUST SHIM (ZINC)
32	358909	4	HITCH ADJUST SHIM-THICK (ZP)
33	88133	2	PIN COT 3/16DIA X 2Z
34	357548	2	COMPOSITE BEARING BUSHING 2.527 ID X 2.988 OD X 9.50
35	357546	2	COMPOSITE BEARING BUSHING 2.527 ID X 2.988 OD X 4.75
36	357547	2	COMPOSITE BEARING BUSHING 2.027 ID X 2.489 OD X 7.88
37	357545	4	COMPOSITE BEARING BUSHING 3.027 ID X 3.487 OD X 5.75
38	356900	4	COMPOSITE BEARING BUSHING 2.027 ID X 2.489 OD X 5.50
39	88680	2	BLT HEX 1/2-13NC X 3-1/4 5Z

Inner & Outer Wing Assembly 51ft

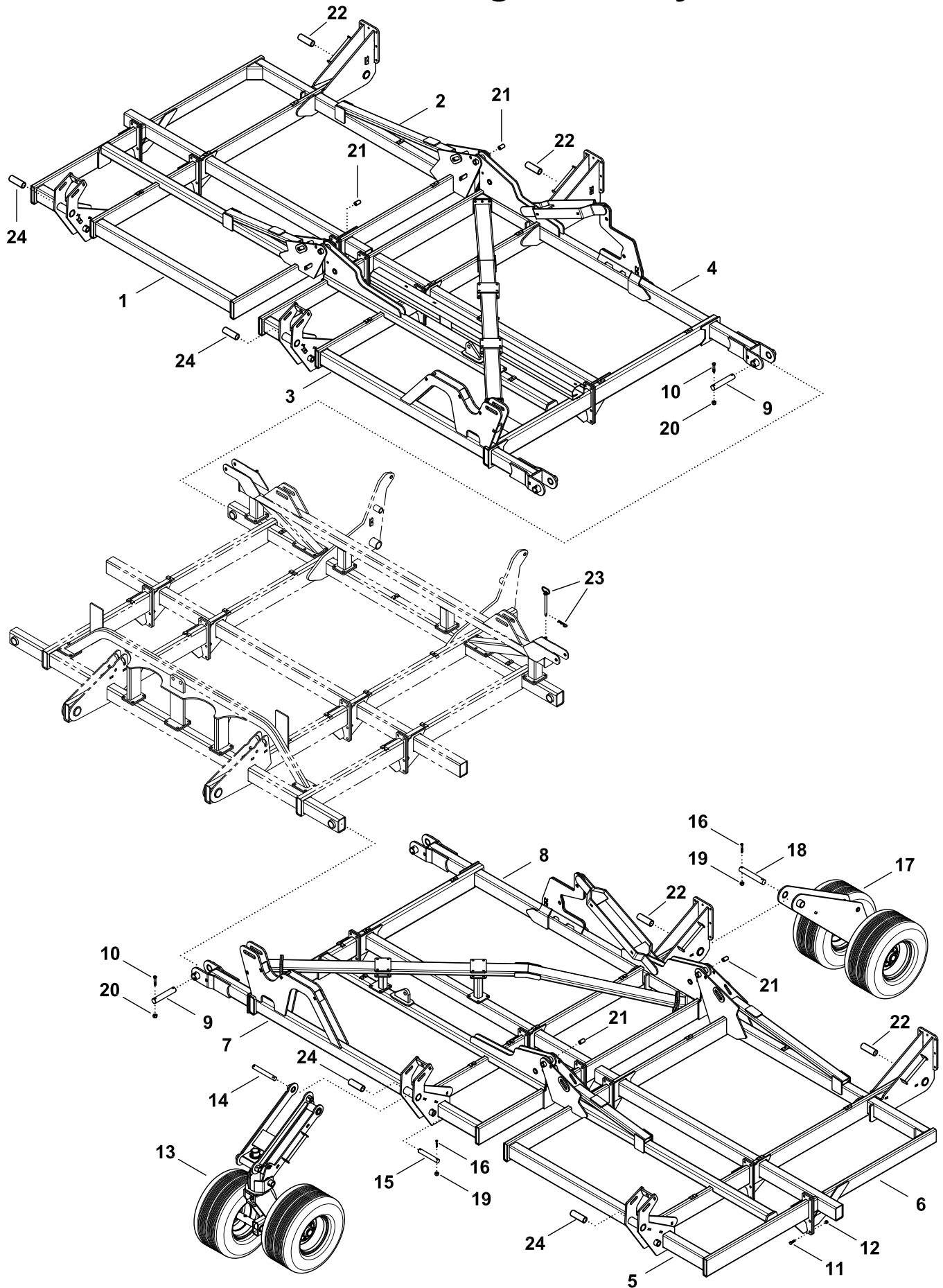


Inner & Outer Wing Assembly 51ft

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	358359	1	51FT RIGHT OUTER WING-FRONT
2	358361	1	51FT RIGHT OUTER WING-REAR
3	358374	1	51FT RIGHT INNER WING - FRONT
4	358373	1	51FT RIGHT INNER WING - REAR
5	358358	1	51FT LEFT OUTER WING-FRONT
6	358360	1	51FT LEFT OUTER WING-REAR
7	358372	1	51FT LEFT INNER WING - FRONT
8	358371	1	51FT LEFT INNER WING - REAR
9	358276	4	PIN-MAIN HINGE (ZP)
10	88292	4	BLT Hex, 5/8-11NC x 3 -1/2 5Z
11	88290	48	BLT Hex, 3/4-10NC x 2 8YZ
12	88356	48	NUT 2POSLK 3/4-10NC 5Z
13	REF	4	WHEEL ASSY.,Wing Lift, Front, See page 59-60
14	54595	4	HEADLESS PIN(2) 1-1/2 X 9-19/32
15	235801	4	PIVOT PIN (1-1/2 X 10)
16	88582	16	BLT Hex 3/8-16NC x 2-3/4 5Z
17	REF	4	WHEEL ASSY., Wing Lift, Rear, See page 61-62
18	357519	4	REAR PIVOT PIN (ZP)
19	88103	16	NUT HEX 3/8-16NC 5Z
20	88369	4	NUT 2POSLK 5/8-11NC 5Z
21	357560	4	COMPOSITE BEARING BUSHING 1.277 ID X 1.742 OD X 4.06
22	357551	4	COMPOSITE BEARING BUSHING 2.027 ID X 2.489 OD X 6.75
23	350876	2	1/2X6-1/2 HITCH PIN W/HAIR PIN
24	355388	4	COMPOSITE BEARING BUSHING 1.527 ID X 2.240 OD X 7.44

Inner & Outer Wing Assembly 61ft

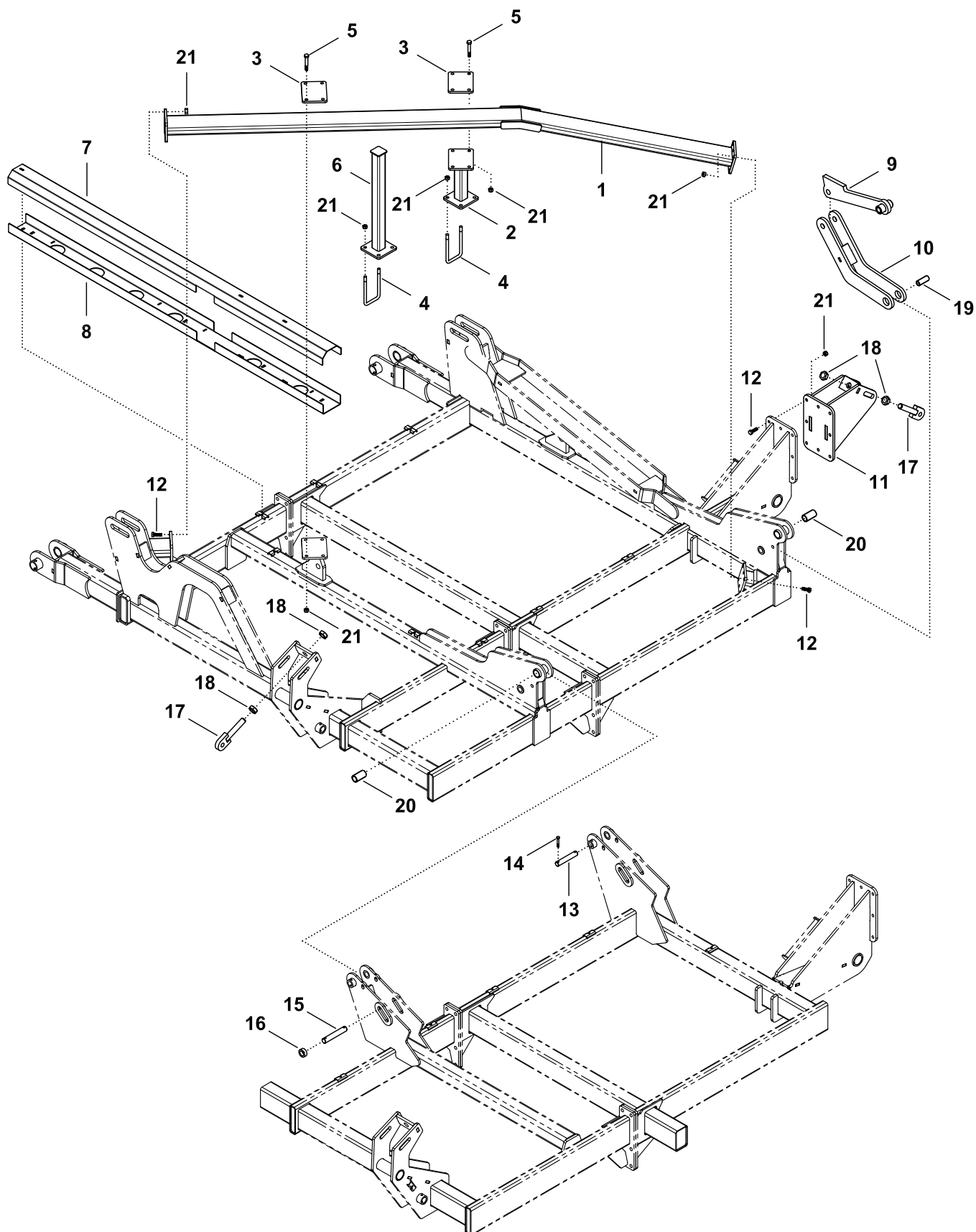


Inner & Outer Wing Assembly 61ft

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	358226	1	61FT RIGHT OUTER WING-FRONT
2	358235	1	61FT RIGHT OUTER WING-REAR
3	358227	1	61FT RIGHT INNER WING - FRONT
4	358248	1	61FT RIGHT INNER WING - REAR
5	358225	1	61FT LEFT OUTER WING-FRONT
6	358234	1	61FT LEFT OUTER WING-REAR
7	357884	1	61FT LEFT INNER WING - FRONT
8	358228	1	61FT LEFT INNER WING - REAR
9	358276	4	PIN-MAIN HINGE (ZP)
10	88292	8	BLT Hex, 5/8-11NC x 3 -1/2 5Z
11	88290	72	BLT Hex, 3/4-10NC x 2 8YZ
12	88356	72	NUT 2POSLK 3/4-10NC 5Z
13	REF	4	WHEEL ASSY WING LIFT FRT, See page 59-60
14	54595	4	HEADLESS PIN(2) 1-1/2 X 9-19/32
15	235801	4	PIVOT PIN (1-1/2 X 10)
16	88582	16	BLT Hex 3/8-16NC x 2-3/4 5Z
17	REF	4	WHEEL ASSY WING LIFT REAR, See page 61-62
18	357519	4	REAR PIVOT PIN (ZP)
19	88103	16	NUT HEX 3/8-16NC 5Z
20	88369	8	NUT 2POSLK 5/8-11NC 5Z
21	357560	4	COMPOSITE BEARING BUSHING 1.277 ID X 1.742 OD X 4.06
22	357551	4	COMPOSITE BEARING BUSHING 2.027 ID X 2.489 OD X 6.75
23	350876	2	1/2X6-1/2 HITCH PIN W/HAIR PIN
24	355388	4	COMPOSITE BEARING BUSHING 1.527 ID X 2.240 OD X 7.44

Inner & Outer Wing Assembly-cont. 51ft



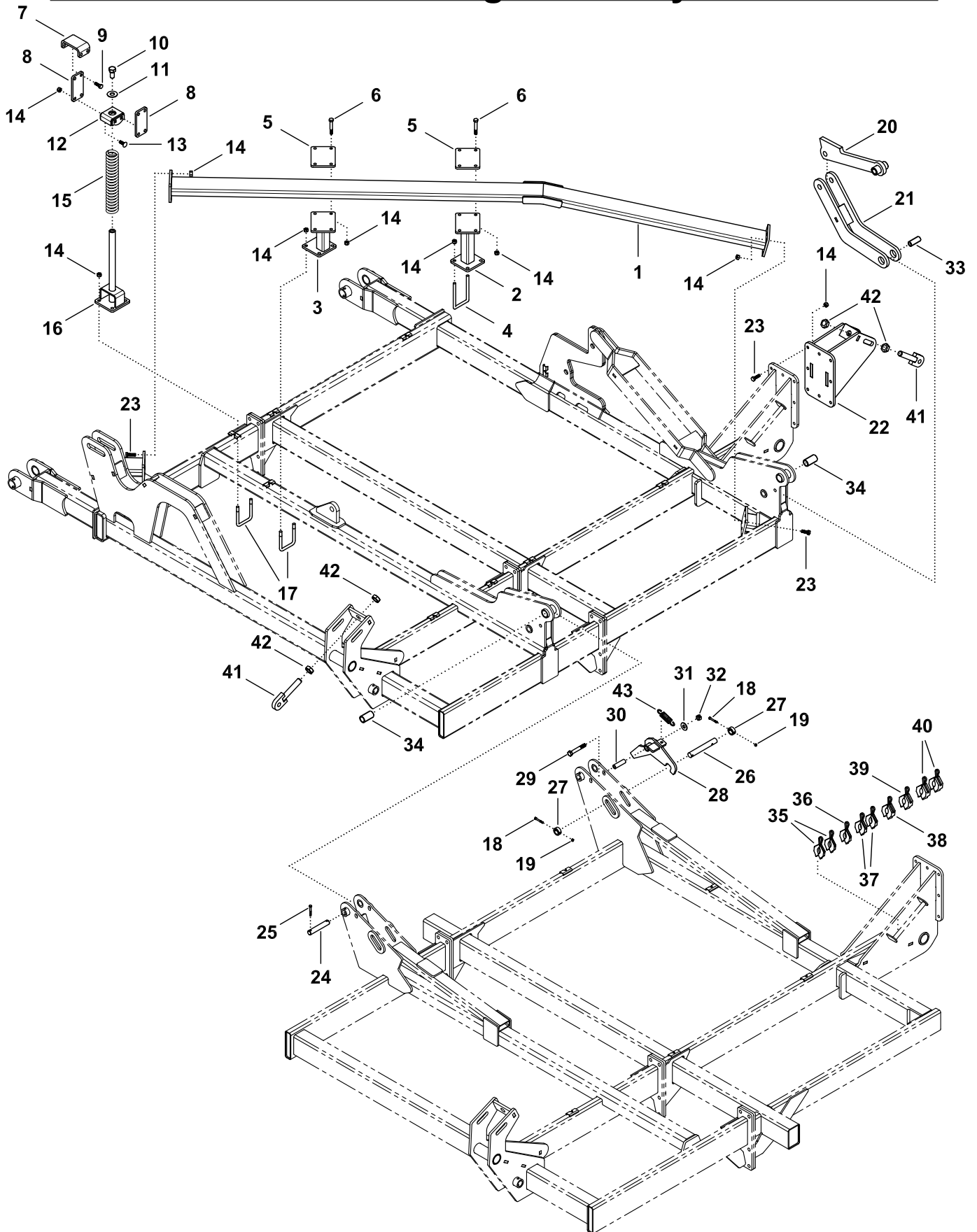
Inner & Outer Wing Assembly-cont. 51ft

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	358610	2	INNER WING BRACE WELD-51FT
2	358602	2	STUB WELD-INNER WING BRACE
3	358633	2	BACK PLATE-CROSS BRACE INNER WING
4	89097	4	BLT-U 5/8-1NC x 4 x 7-1/4Z
5	88298	16	BLT Hex 5/8-1NC x 4 5Z
6	358618	2	WING REST WELD-OUTER WING 51FT
7	358655	2	FORMED CHANNEL-COVER INNER WING 107.50"
8	358654	2	FORMED CHANNEL-INNER WING-HYD HOSE 107.50"
9	358365	4	WING FOLD LINK 36
10	358356	4	LINK WELD-OUTER WING
11	358378	4	WLDMT - PSD REAR LEFT ANCHOR
12	88294	24	BLT HEX 5/8-11nc X 2 5Z
13	358616	4	1-1/4 DIA HINGE PIN-OUTER WINGS
14	89012	8	BLT HEX 3/8-16NC X 2-1/1 5Z
15	358685	4	LOCK PIN - PSD
16	233589	8	PIN BUSHING
17	69567	8	CYLINDER ADJUST ROD WLDMT (ZP)
18	88622	8	NUT JAM 1-1/4-7NC 5Z
19	358626	1	BUSHING-BANANNA ARM (ZP)
20	357560	4	COMPOSITE BEARING BUSHING 1.277 ID X 1.742 OD X 4.06
21	88369	64	NUT 2POSLK 5/8-11NC 5Z

3. Parts

Inner & Outer Wing Assembly-cont. 61ft

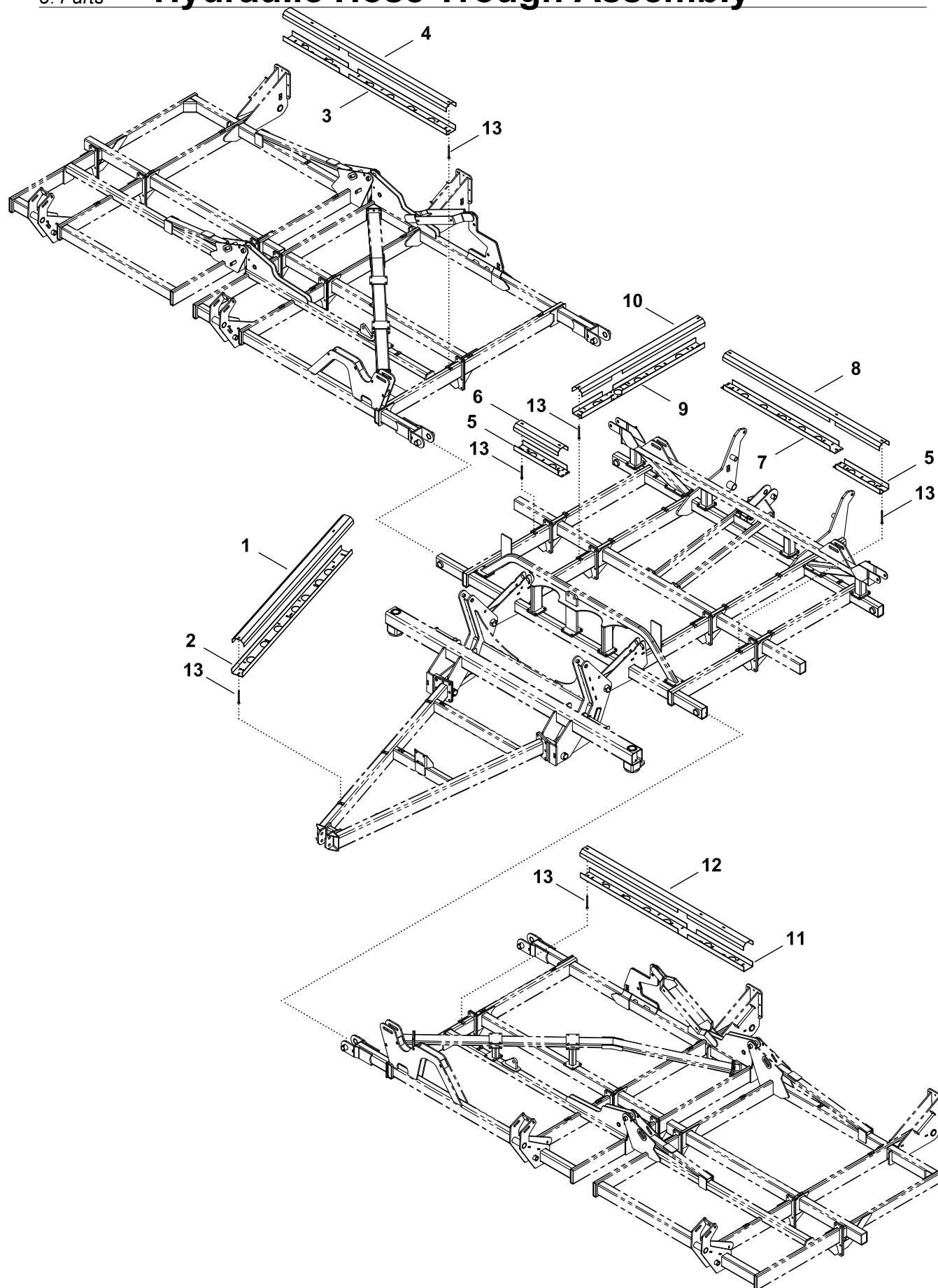


Inner & Outer Wing Assembly-cont. 61ft

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	358395	2	INNER WING BRACE WELD 61FT
2	358602	2	STUB WELD-INNER WING BRACE
3	358642	2	STUB WELD-INNER WING BRACE lh
4	89097	8	BLT-U 5/8-11NC X 4 X 7-1/4 Z
5	358633	4	BACK PLATE-CROSS BRACE, Inner Wing
6	88298	16	BLT HEX 5/8-11NC X 4 5Z
	358947	1	OUTER WING REST ASSEMBLY, Inc. 7-17
7	358944	1	FORMED CHANNEL-WING REST PAD
8	358948	2	PLATE-WING REST PAD
9	88838	4	BLT HEX 5/8-11NC X 1-3/4 5Z
10	88400	1	BLT HEX 1-8NC X 2 5Z
11	88196	1	WSHR FLAT 1(1-1/16 X 2-1/2ACT) Z
12	358943	1	SPRING RETAINER WELD
13	89463	4	BLT CRG 5/8-11NC X 1-3/4SHTNCK 5Z
14	88369	64	NUT 2POSLK 5/8-11NC 5Z
15	23378	1	COMPRESSION SPRING (GRAY)
16	358945	1	WING REST WELD
17	45633	2	BLT-U 5/8-11NC X 4 X 5-1/2 Z
18	89004	8	BLT HEX 5/16-18NC X 2-1/2 5Z
19	88540	8	NUT 2POSLK 5/16-18NC 5
20	358365	2	WING FOLD LINK 36
21	358356	2	LINK WELD-OUTER WING
22	358378	4	WLDMT - PSD REAR LEFT ANCHOR
23	88294	32	BLT HEX 5/8-11nc X 2 5Z
24	358616	4	1-1/4 DIA HINGE PIN-OUTER WINGS
25	89012	8	BLT HEX 3/8-16NC X 2-1/1 5Z
26	358685	4	LOCK PIN - PSD
27	233589	8	PIN BUSHING
28	358277	4	OUTER WING LATCH BRACKET
29	88305	4	BLT HEX 3/4-10NC X 5 5Z
30	358687	4	PIVOT TUBE-LATCH
31	88131	4	WSHR FLAT 3/4 (13/16X 2 ACT) Z
32	88356	4	NUT 2POS LK 3/4-10NC 5Z
33	358626	1	BUSHING-BANANNA ARM (ZP)
34	357560	2	COMPOSITE BEARING BUSHING 1.277 ID X 1.742 OD X 4.06
	243994	4	PAINTED STOP COLLAR KT, Inc. 35 - 40
35	241645	2	1/2IN CYLINDER STOP (RED)
36	241646	1	5/8IN CYLINDER STOP (ORANGE)
37	241647	2	3/4IN CYLINDER STOP (YELLOW)
38	244587	1	1-1/4 IN CYLINDER STOP (GREEN)
39	244586	1	1-7/16 IN CYLINDER STOP (BLUE)
40	241649	2	1-1/2IN CYLINDER STOP (GRAY)
41	69567	4	CYLINDER ADJUST ROD WLDMT (ZP)
42	88622	8	NUT JAM 1-1/4-7NC 5Z
43	25863	1	SPRING,EXT 30-COILS 1.5-OD 9.5-LONG

Hydraulic Hose Trough Assembly

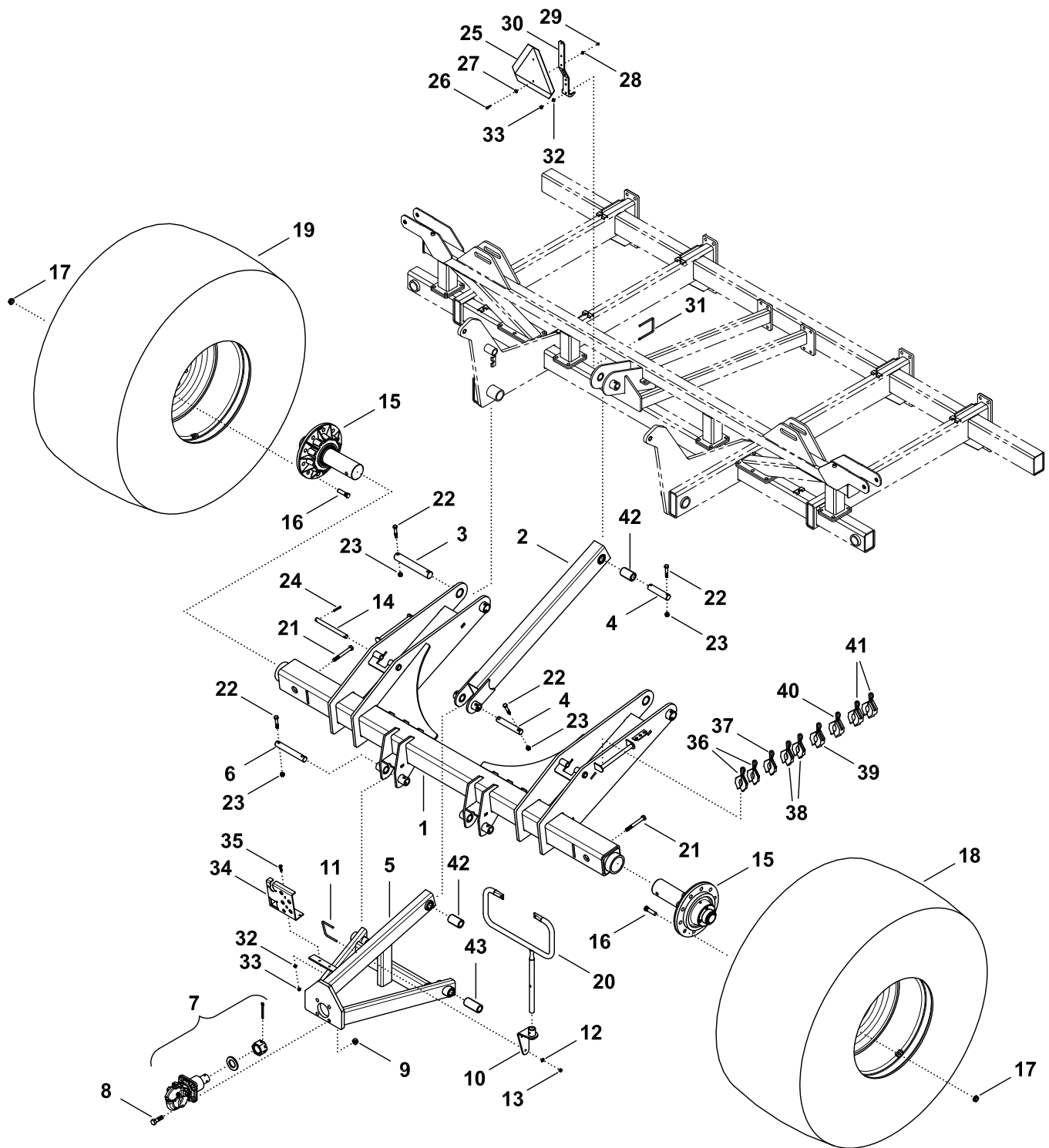


Hydraulic Hose Trough Assembly

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	358657	1	FORMED CHANNEL-COVER FRONT HITCH HYD HOSE 96.00"
2	358656	1	FORMED CHANNEL-FRONT HITCH HYD HOSE 96.00"
3	358654	1	FORMED CHANNEL-INNER WING-HYD HOSE 107.50"
4	358655	1	FORMED CHANNEL-COVER INNER WING 107.50"
5	358661	1	FORMED CHANNEL-MAINFRAME SHORT HYD HOSE 31.00"
6	358664	1	FORMED CHANNEL-COVER MF END HYD HOSE 29.25"
7	358659	1	FORMED CHANNEL-MAINFRAME MIDDLE HYD HOSE 75.00"
8	358663	1	FORMED CHANNEL-COVER MF MIDDLE HYD HOSE 103.06"
9	358658	1	FORMED CHANNEL-MAINFRAME HYD HOSE 81.00"
10	358662	1	FORMED CHANNEL-COVER MF STRINGER HYD HOSE 81.00"
11	358654	1	FORMED CHANNEL-INNER WING-HYD HOSE 107.50"
12	358655	1	FORMED CHANNEL-COVER INNER WING 107.50"
13	89494	41	BLT CRG 3/8-16NC X 6 5Z

Axle & Rear Hitch Assembly

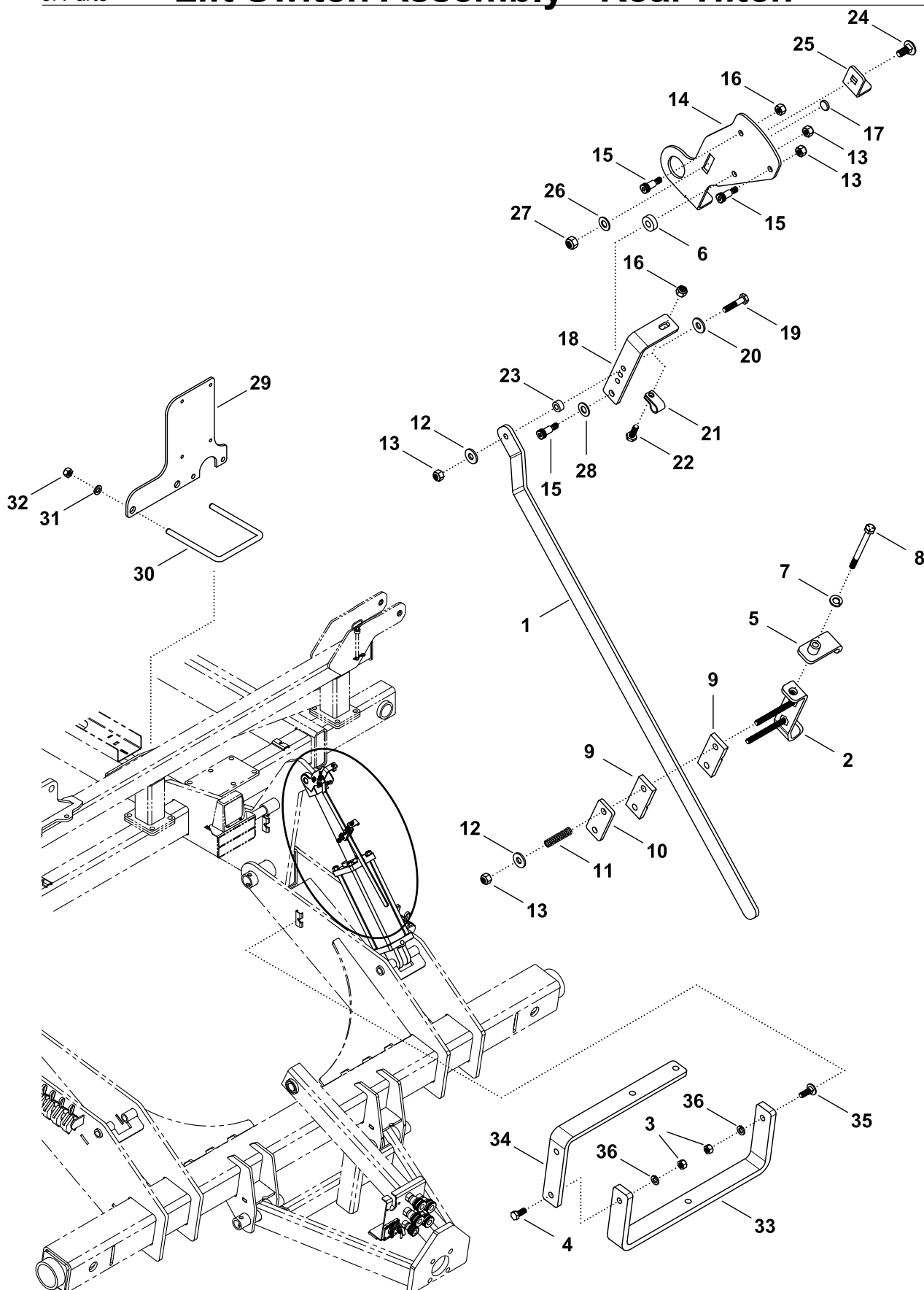


Axle & Rear Hitch Assembly

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	358958	1	REAR MAIN AXLE WELD-FIRESTONE
2	358258	1	REAR HITCH BRACE TUBE
3	357071	2	MAIN REAR PIVOT PIN (ZP)
4	358308	2	PIVOT PIN-LEVELING ARM (ZINC)
5	358252	1	REAR HITCH WELD
6	357520	2	REAR PIVOT PIN (ZP)
7	358307	1	B-50 SWIVEL PINTLE HOOK (2051108)
8	88468	4	BLT HEX 7/8-9NC X 3 8YZ
9	88836	4	NUT 2POS LK 7/8-9NC 5Z
10	332417	1	WLDMT - HOSE SUPPORT MOUNT
11	89069	1	BLT-U 3/8-16NC X 5 X 4 Z
12	88739	2	WSHR FLAT 3/8SAE(12/32 X 13/16)Z
13	88659	2	NUT TOP LK 3/8-16NC 5Z
14	357521	2	REAR LIFT WHEEL CYLINDER PIN (ZP)
15	A37309	2	ASSY.HUB/SPINDLE 5250
16	A37766	10	STUD-WHEEL .875 X 3.41 GR8 UNF
17	A37739	10	NUT-FLANGE LUG .875 NF
18	358956	1	TIRE AND RIM ASSY 900/60R32 LH, See page 117-118
19	358955	1	TIRE AND RIM ASSY 900/60R32 RH, See page 117-118
20	A65887	1	WLDMT-CRADLE HOSE SUPPORT
21	88600	2	BLT HEX 3/4-10NC X 6-1/2 8YZ
22	88292	12	BLT HEX 5/8-11NC X 3-1/2 5Z
23	88369	12	NUT 2POS LK 5/8-11NC 5Z
24	88770	4	PIN ROLL 3/8DIA X 2-1/2 Z
	358994	1	SMV KT W/FORMED BRKT (2-1/2 SQ - 3X4 - 4 SQ TUBE)
25	30651	1	SMV EMBLEM S276.6
26	88203	2	BLT HEX 1/4-20NC X 1 5Z
27	88261	2	WSHR FLAT 1/4(5/16 X 3/4ACT) Z
28	88262	2	WSHR HLK 1/4ID(5/16ACT) Z
29	88172	2	NUT HEX 1/4-20NC 5Z
30	358993	1	SMV BRACKET FORMED
31	88385	1	BLT-U 3/8-16NC X 4 X 5 Z
32	88362	4	WSHR HLK 3/8ID Z
33	88103	4	NUT HEX 3/8-16NC 5Z
34	344127	1	BRACKET-BLKHD HYD ELEC
35	88555	2	BLT HEX 3/8-16NC X 1-1/4 5Z
	243994	2	PAINTED STOP COLLAR KT(ITEMS 36-41)
36	241645	2	1/2IN CYLINDER STOP (RED)
37	241646	1	5/8IN CYLINDER STOP (ORANGE)
38	241647	2	3/4IN CYLINDER STOP (YELLOW)
39	244587	1	1-1/4 IN CYLINDER STOP (GREEN)
40	244586	1	1-7/16 IN CYLINDER STOP (BLUE)
41	241649	1	1-1/2IN CYLINDER STOP (GRAY)
42	358295	2	COMPOSITE BEARING BUSHING 1.527 ID X 2.240 OD X 4.00
43	357558	2	COMPOSITE BEARING BUSHING 1.527 ID X 2.240 OD X 5.00

Lift Switch Assembly - Rear Hitch

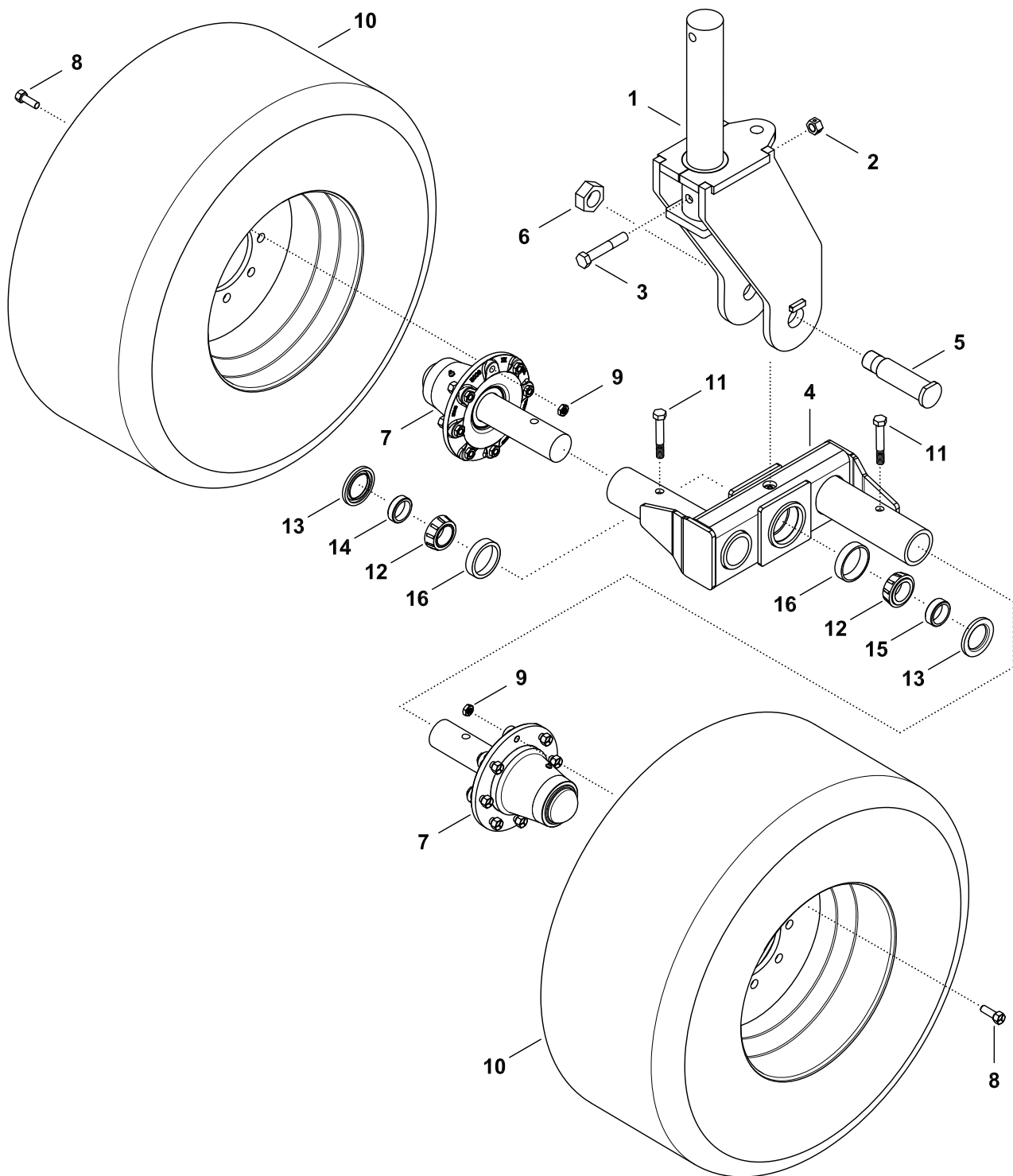


Lift Switch Assembly - Rear Hitch

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
	330954	1	KT-LIFT SWITCH TIE-ROD CYL., Inc. 1-25
1	330947	1	PLATE - PUSH ARM (ZINC)
	330960	1	WLDMT - LIFT SWITCH SLIDER (ZINC)
2	330952	1	BRKT - SLIDER LOCK
3	88103	2	NUT HEX 3/8-16NC 5Z
4	88553	1	BLT HEX 3/8-16NC X 1-1/2 5Z
5	330959	1	WLDMT - SLIDER LOCK (ZINC)
6	330958	1	SPACER - ALM 5/16ID X 3/4OD X 1/4
7	88262	1	WSHR HLK 1/4ID(5/16ACT) Z
8	88285	1	BLT HEX 1/4-20NC X 3 5Z
9	330949	2	BLOCK - NYLON SLIDER
10	330951	1	PLATE - SLIDE BACKER (ZINC)
11	330955	2	SPRING - LIFT SWITCH
12	88261	3	WSHR FLAT 1/4(5/16 X 3/4ACT) Z
13	89056	4	NUT NLK 1/4-20NC 5Z
14	330945	1	PLATE - CLEVIS MOUNT (ZINC)
15	89596	3	BLT - SHOULDER 1/4-20 X 1/2
16	89056	3	NUT NLK 1/4-20NC 5Z
17	330950	1	MAGNET - 1/2 X 1/8
18	330946	1	PLATE - SWING ARM (ZINC)
19	89028	1	BLT HEX 1/4-20NC X 1-1/4 5Z
20	88261	1	WSHR FLAT 1/4(5/16 X 3/4ACT) Z
21	A66508	1	SENSOR-WORK SWITCH (ISO)
22	88993	1	BLT HEX 1/4-20NC X 3/4 5Z
23	330956	1	SPACER - NYLON 1/4 ID 1/2 OD X 1/2
24	89000	1	BLT CRG 5/16-18NC X 3/4 SHTNK 2Z
25	330997	1	SHEET - CLAMPING BOOT WORK SWITCH
26	88278	1	WSHR FLAT 5/16(3/8 X 7/8ACT) Z
27	89559	1	NUT NLK 5/16-18NC 5Z
28	88278	1	WSHR FLAT 5/16(3/8 X 7/8ACT) Z
29	344112	1	PLATE-SAFETY LIGHT MODULE MOUNT
30	88385	1	BLT-U 3/8-16NC X 4 X 5 Z
31	88362	2	WSHR HLK 3/8ID Z
32	88103	2	NUT HEX 3/8-16NC 5Z
33	358902	1	BRACKET-REAR HITCH
34	358903	1	BRACKET-LIGHT CONNECTION
35	89375	1	BLT CRG 3/8-16NC X 1-1/2 5Z
36	88362	2	WSHR HLK 3/8ID Z

Front Caster Assembly - Main Frame

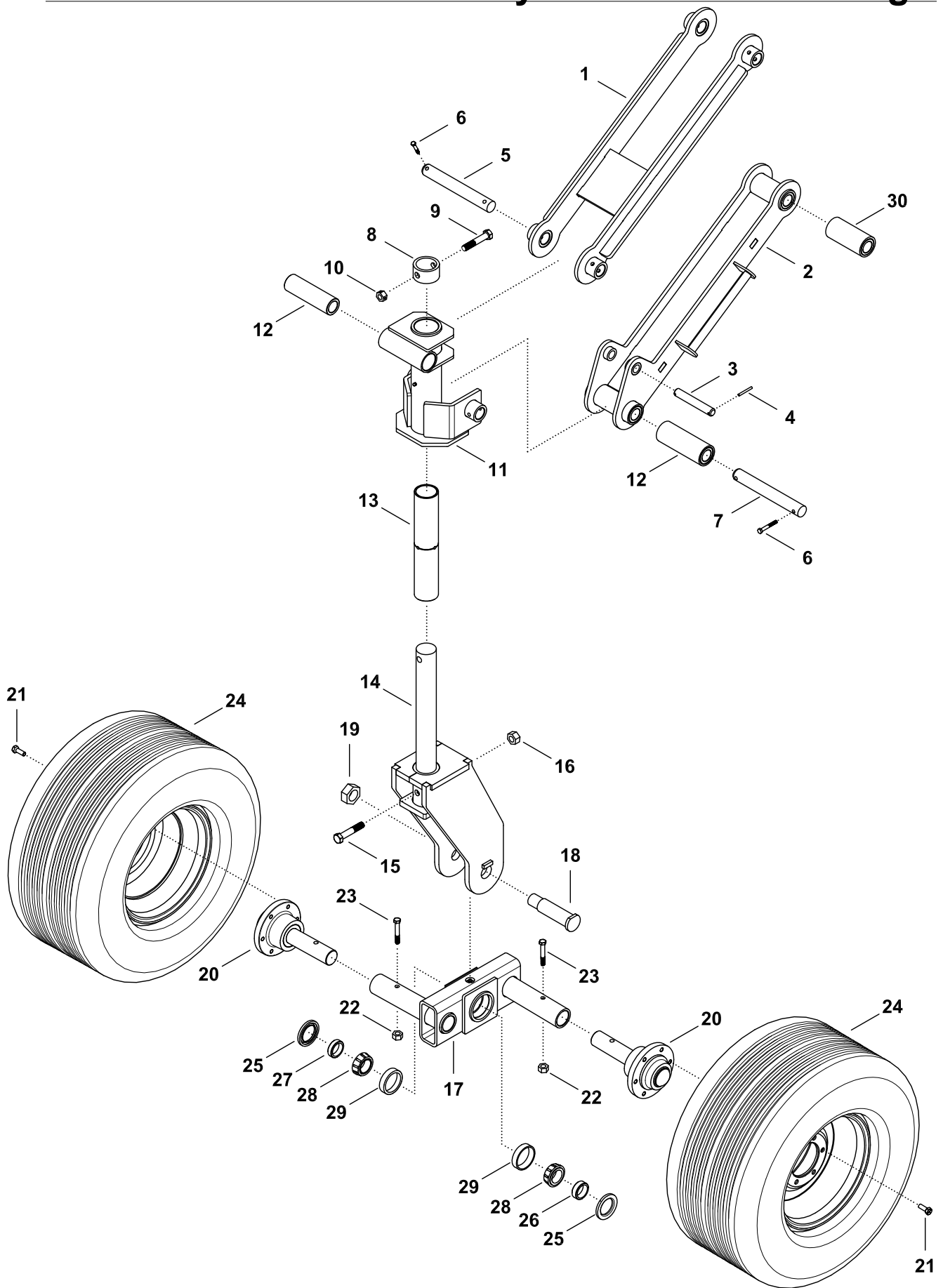


Front Caster Assembly - Main Frame

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
	241552	1	LEFT MAIN AXLE WALKER ASSY., Inc. 1,4,5,6,12,13,14,15
	241553	1	RIGHT MAIN AXLE WALKER ASSY, Inc. 1,4,5,6,12,13,14,15
1	237722R1	2	FRONT AXLE PIVOT -ATD, Inc. 2 & 3
2	88356	2	NUT 2POS LK 3/4-10NC 5Z
3	88421	2	BLT HEX 3/4-10NC X 4-1/2 5Z
4	356837	2	2-1/2 DIA CAST WALKER ASSEMBLY, Inc. 16
5	235245	2	TANDEM PIN
6	42082	2	NUT 1-1/2NF HYDRA JAM LOCK
7	16154	2	2-1/2" HUB & SPINDLE ASSY., See page 63-64
8	63831	16	BOLT,WHEEL 9/16NF X 1-1/2
9	89458	16	NUT JAM 9/16-18 NF Z
10	320362	2	WHL ASSY.440/55R 18IMP 159A8/B TL (BLACK), See page 117-118
11	88298	4	BLT HEX 5/8-11NC x 4 5Z
12	12103	2	BEARING CONE 1-3/4ID (25580)
13	26120	2	2.25 ID X3.40 OD TRIPLE LIP SEAL
14	16278	1	BEARING BUSHING
15	54599	1	WALKER BEARING BUSHING
16	12104	2	BEARING CUP 3.265OD (25520)

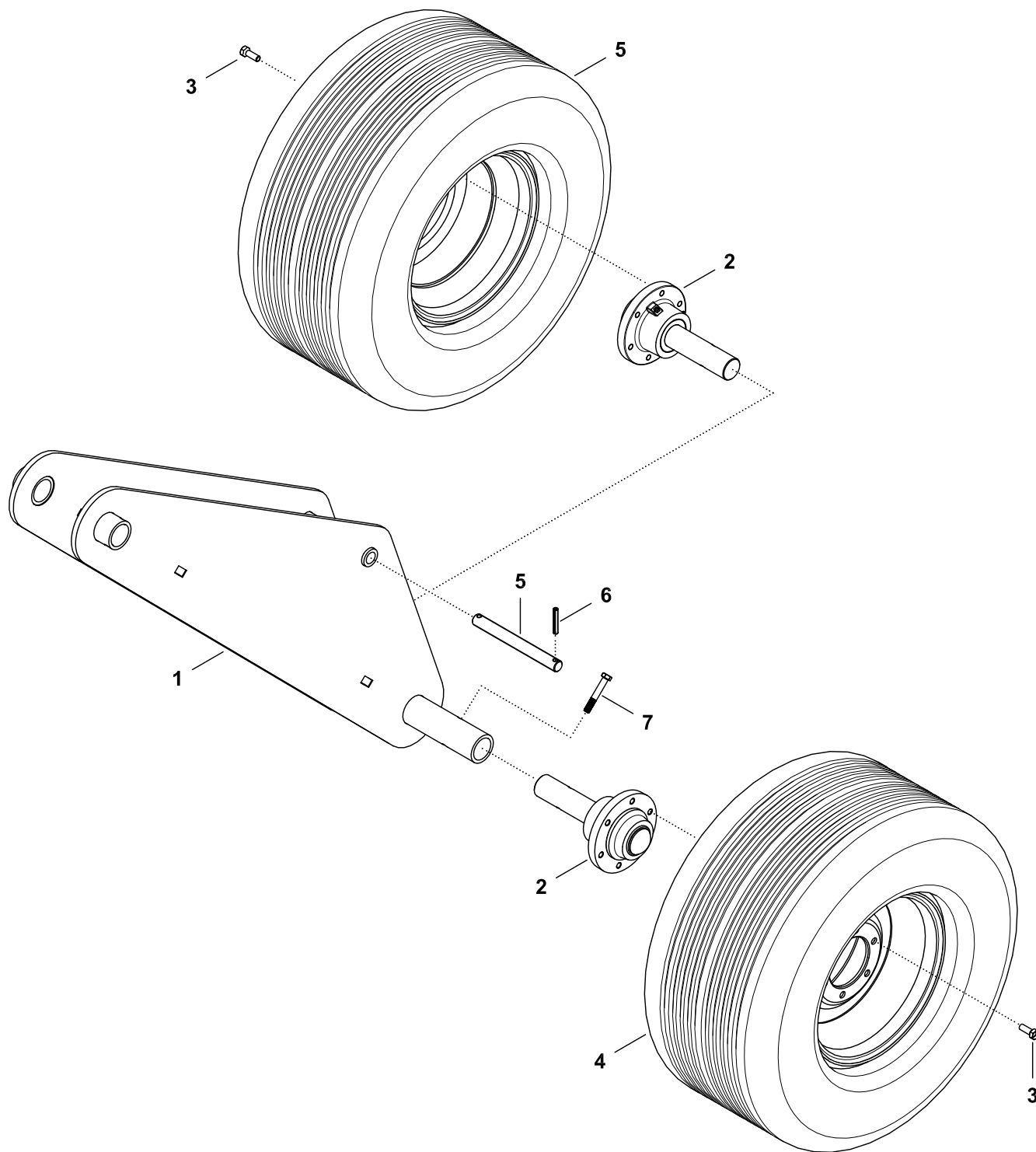
3. Parts **Front Caster Assembly - Inner & Outer Wing**



Front Caster Assembly - Inner & Outer Wing *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
1	356852	4	TOP FRONT LINK ARM WELD
2	356853	4	BOTTOM LIFT ARM WLD 12IN CYL, Inc. 12 & 30
3	68033	4	PIN 1 X 6.38
4	42484	4	PIN ROLL 1/4 X 2-1/4 Z
5	54595	4	PIVOT PIN
6	88582	16	BLT HEX 3/8-16NC X 2-3/4 5Z
7	54595	4	PIVOT PIN
8	16009	4	COLLAR
9	88272	4	BLT HEX 3/4-10NC X 4 5Z
10	88356	4	NUT 2POS LK 3/4-10NC 5Z
	357538	1	FRONT PIVOT, WITH BUSHING, Inc. 11-13
11	355380	1	GAUGE WHEEL VERTICAL WLDMNT
12	355388	2	COMPOSITE BEARING BUSHING 1.527 ID X 2.240 OD X 7.44
13	355390	2	COMPOSITE BEARING BUSHING 2.560 ID X 2.988 OD X 7.81
	241554	1	LEFT WING AXLE WALKER ASSY., Inc. 14,17,18,19,25,26,27,28
	241555	1	RIGHT WING AXLE WALKER ASSY., Inc. 14,17,18,19,25,26,27,28
14	237722D2	1	WING FRONT AXLE PIVOT
15	88272	1	BLT HEX 3/4-10NC X 4 5Z
16	88356	1	NUT 2POS LK 3/4-10NC 5Z
17	356836	1	2" DIA CAST WALKER ASSEMBLY, Inc. 29
18	235245	1	TANDEM PIN
19	42082	1	NUT 1-1/2NF HYDRA JAM LOCK
20	14131	2	HUB & 2 IN SPINDLE ASSY, Inc. 21, See page 67-68
21	88142	12	BLT WHL 1/2-20NF X 1 (13/16 HEAD)
22	88363	2	NUT 2POS LK 1/2-13NC 5Z
23	88680	2	BLT HEX 1/2-13NC X 3-1/4 5Z
24	358660	2	WHL ASSY IF320/70R15 6B 10IN SILVER, See page 117-118
25	26120	2	2.25 ID X3.40 OD TRIPLE LIP SEAL
26	54599	1	WALKER BEARING BUSHING
27	16278	1	BEARING BUSHING
28	12103	2	BEARING CONE 1-3/4ID (25580)
29	12104	2	BEARING CUP 3.265OD (25520)
30	357557	1	COMPOSITE BEARING BUSHING 1.527 ID X 2.240 OD X 5.94

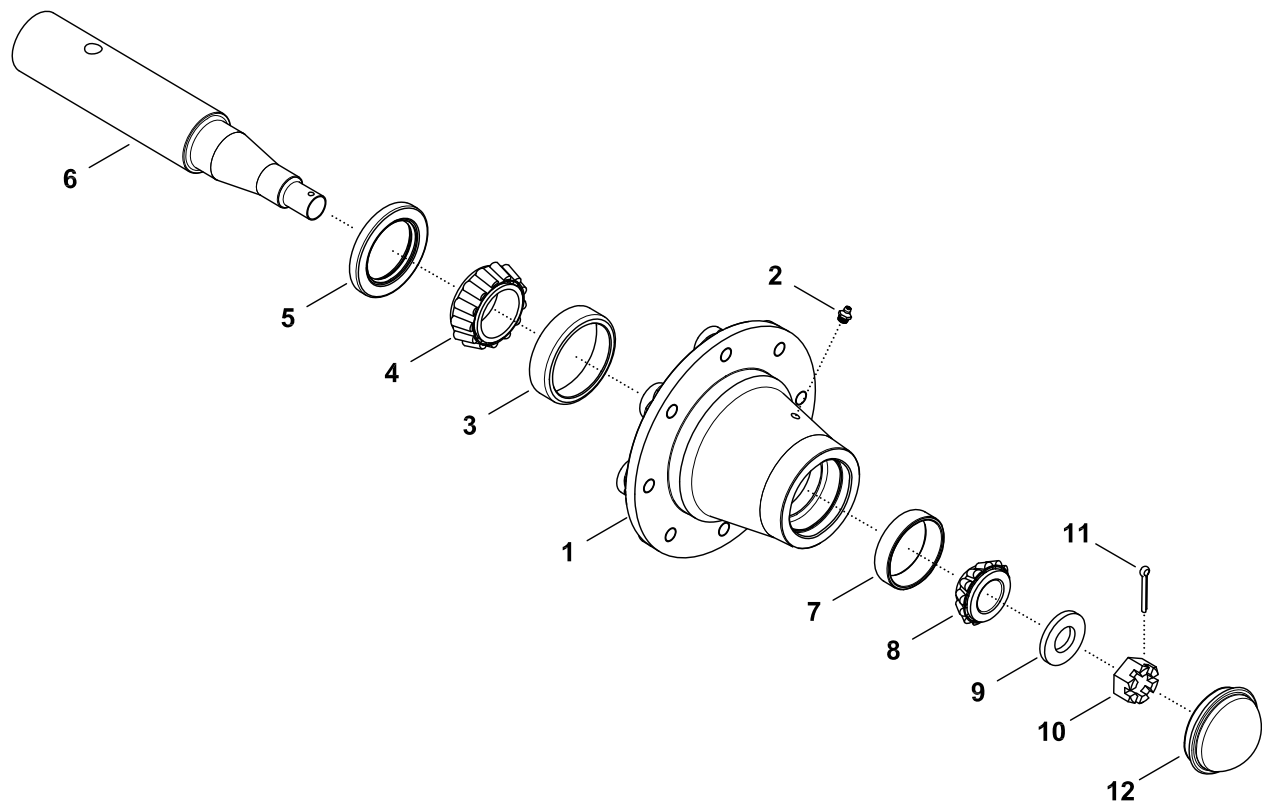
3. Parts **Rear Lift Wheel Assembly - Inner & Outer Wing**



Rear Lift Wheel Assembly - Inner & Outer Wing 3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	356857	4	OUTER WING WHEEL PIVOT, REAR
2	14131	8	HUB & SPINDLE ASSY. 2",Inc. 3, See page 67-68
3	88142	12	BLT WHL 1/2-20NF X 1 (13/16 HEAD)
4	358660	8	WHL ASSY IF320/70R15 6B 10IN SILVER, See page 117-118
5	357525	4	REAR LIFT CYLINDER PIN (ZP)
6	88770	8	PIN ROLL 3/8DIA X 2-1/2
7	88680	8	BLT HEX 1/2-13NC X 3-1/4 5Z

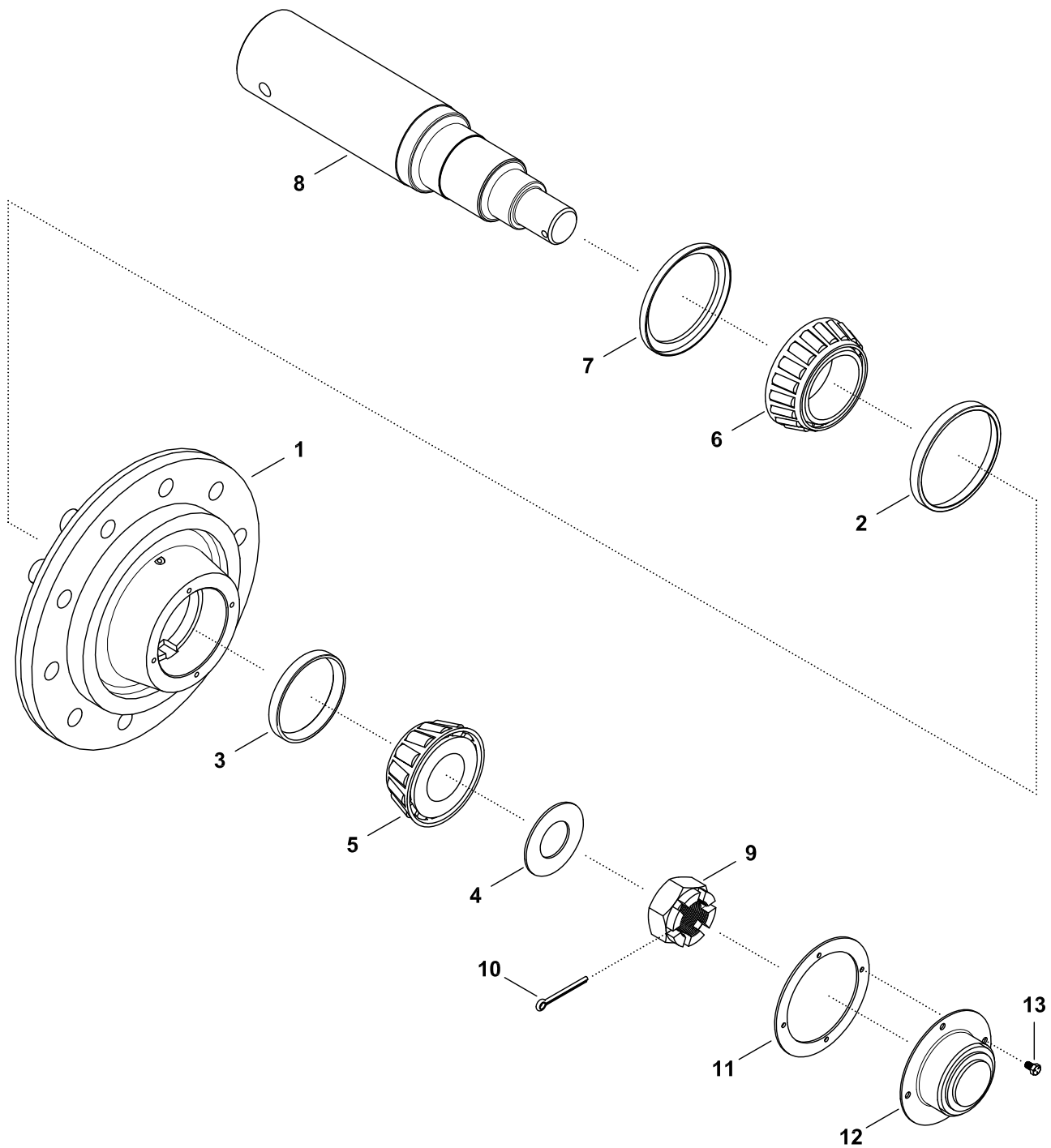
3. Parts **Hub & Spindle Assembly - Front Main Frame**



Hub & Spindle Assembly - Front Main Frame *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
	16154	2	2-1/2" HUB & SPINDLE ASSY.Inc. 1-12
1	41054	1	2-1/2 IN HUB (BLACK) (L821300-8-31P30
2	88143	1	FTG GRS 1/4 1743-B Z
3	16084	1	BEARING CUP 3.672OD (3720)
4	16083	1	BEARING CONE 2 IN ID (3780)
5	235298	1	SEAL FOR 2-1/2 HUB (P41054)
6	16156	1	2-1/2 IN SPINDLE
7	16082	1	BEARING CUP 3OD (2720)
8	16081	1	BEARING CONE 1-5/16ID (2790)
9	64050	1	2-1/2OD X 1-1/16ID WSHR HARD
10	88299	1	NUT SLTD 1-14NF 5Z
11	88301	1	PIN COT 3/16DIA X 1-1/2 Z
12	16077	1	DUST CAP (R/B W1530)

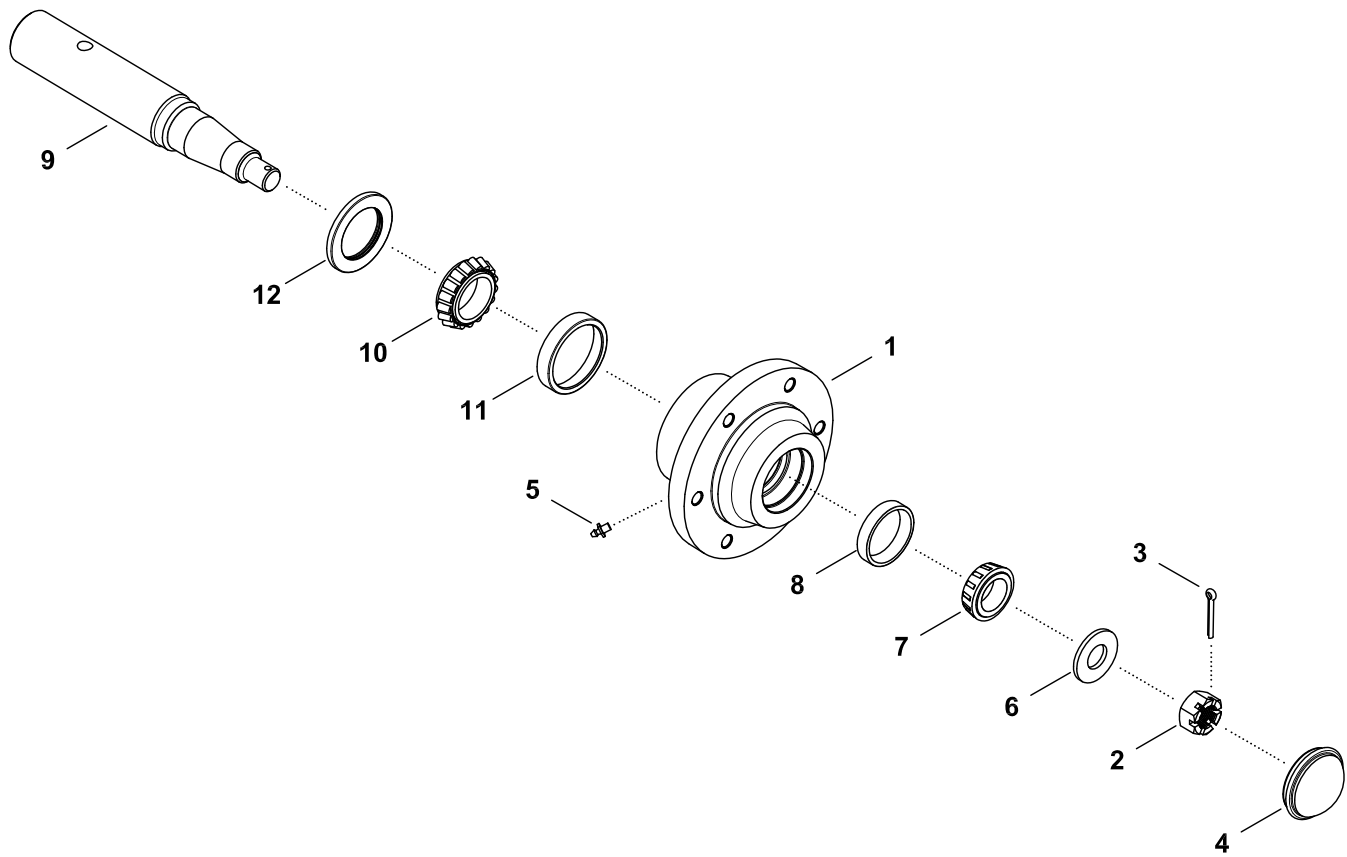
3. Parts **Hub & Spindle Assembly - Rear Main Frame**



Hub & Spindle Assembly - Rear Main Frame *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
	A37309	2	ASSY-HUB/SPINDLE 5250, Inc. 1-13
1	A37314	1	HUB W/CUPS 7/8 STUDS - 5250
2	A72977	1	CUP-INNER
3	A72978	1	CUP-OUTER
4	320164	1	WASHER-FLAT 4.0X2.03
5	A72980	1	CONE-OUTER
6	A72979	1	CONE-INNER
7	A72972	1	SEAL-10 BOLT HUB
8	330076	1	SPINDLE-4.50 HR C1045
9	320163	1	NUT-HEX: 2.00 NF NP
10	88101	1	PIN COT 1/4dia X 2-1/1z (w107663)
11	320321	1	GASKET-RUBBER (13.19 HUB)
12	A72981	1	CAP-HUB
13	88539	4	BLT HEX 5/16-18NC X 1/2 5Z (W106460)

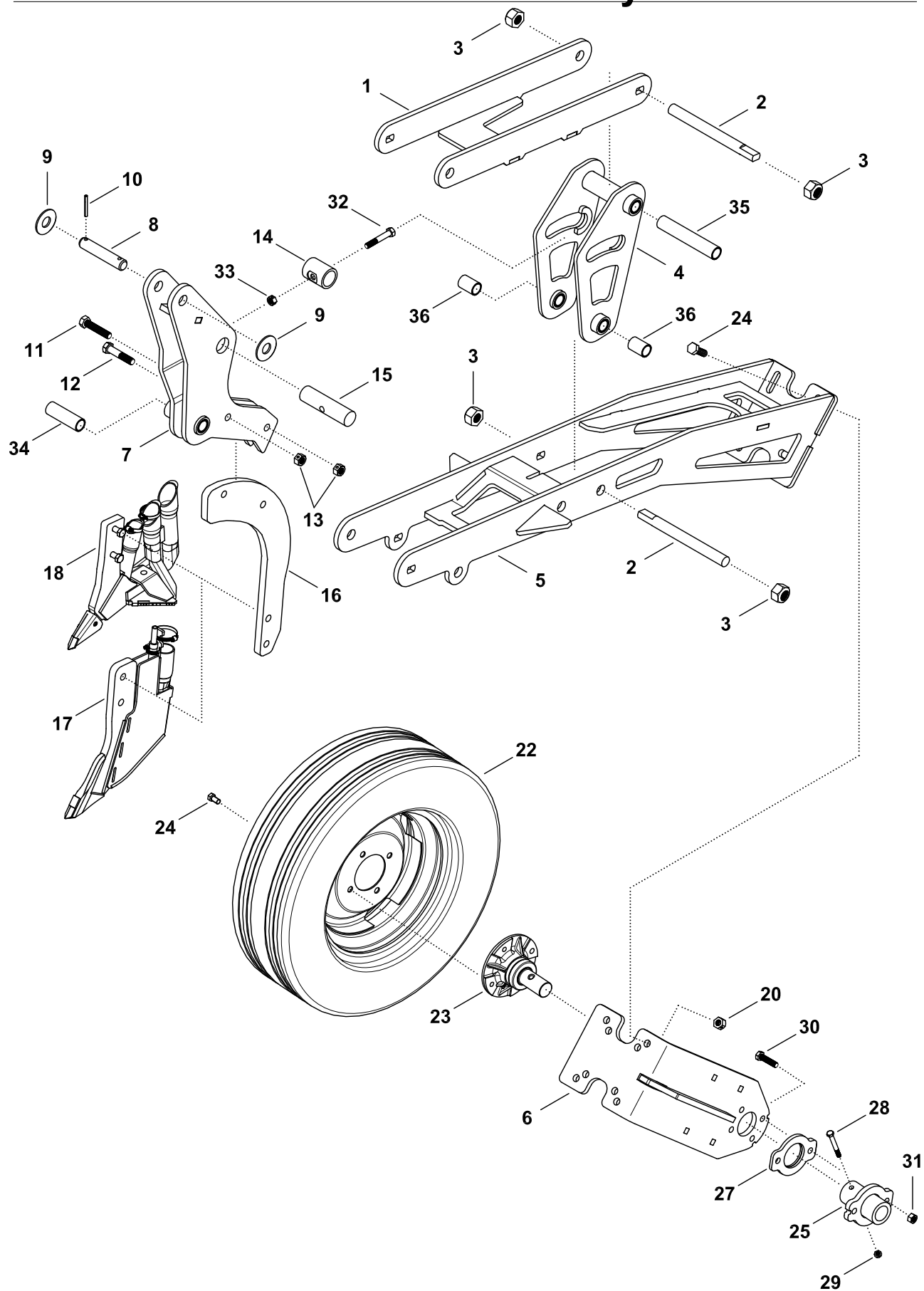
3. Parts **Hub & Spindle Assembly - Inner & Outer Wing**



Hub & Spindle Assembly - Inner & Outer Wing *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
	14131	4	HUB & 2 IN SPINDLE ASSY, Inc. 1-12
1	24097	1	2" PRESSED HUB (L783327-6-31 P30)W/CUPS
2	88340	1	NUT SLTD 7/8-14NF Z
3	88301	1	PIN COT 3/16DIA X 1-1/2 Z
4	11381	1	DUST CAP
5	88263	1	FTG GRS 1/8NPT 1610-BL(11/16) TAPERED
6	16094	1	WASHER-SPINDLE 2 X .937 X .188
7	10345	1	BEARING CONE 1-1/4ID (LM67048)
8	10344	1	BEARING CUP 2.328 OD (LM67010)
9	14251	1	2 IN AXLE SPINDLE (LS5622F-30)
10	14248	1	1.625BORE BRG CONE(LM501349)
11	14249	1	CUP,BEARING (LM501310)
12	58546	1	2 IN TRIPLE LIP SEAL

Row Unit Assembly

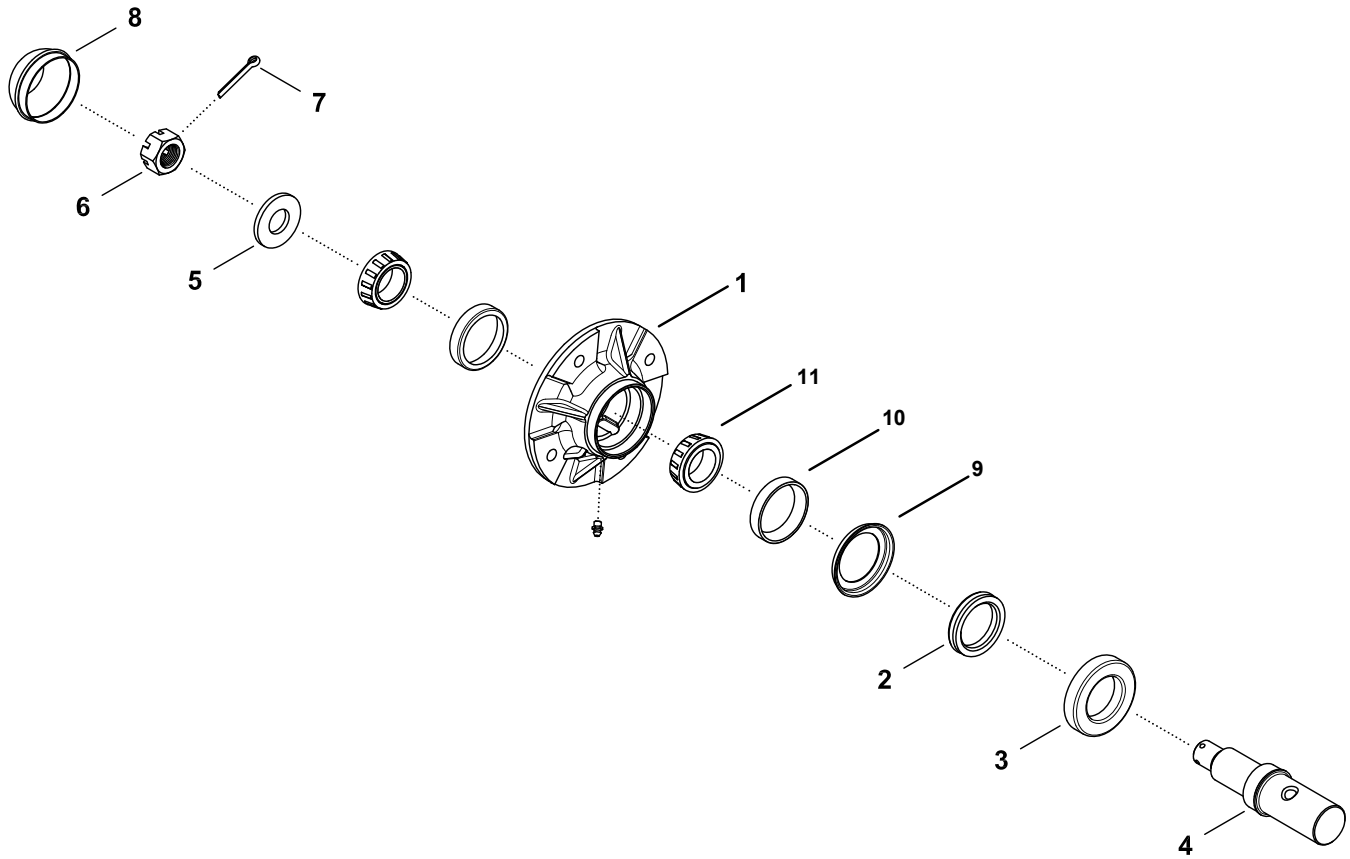


Row Unit Assembly

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
	357582	41	BASE PSD SHANK ASSY., Inc. 1-33
1	356937	1	UPPER LINK
2	357879	4	THREADED PIVOT PIN-DOUBLE D
3	88658	4	NUT TOP LK 1-8NC 5Z
4	356940	1	SHANK PIVOT BRACKET, Inc. 35 & 36
5	356927	1	BOTTOM MOUNT ARM
6	357857	1	WHEEL MOUNT WELD-PACKER TIRE
7	356944	1	SHANK PIVOT BRACKET, Inc. 34
8	222338	1	HEADLESS PIN(2) 1X4-1/8
9	88196	2	WSHR FLAT 1(1-1/16 X 2-1/2ACT) Z
10	42484	2	PIN ROLL 1/4 X 2-1/4 Z
11	358838	1	TAP BLT HEX 5/8-11NC X 3 2Z
12	88408	1	BLT HEX 5/8-11NC X 3 5Z
13	88369	2	NUT 2POSLK 5/8-11NC 5Z
14	356948	1	INNER PIVOT TUBE (ZP)
15	356949	1	INNER PIVOT SHAFT (ZP)
16	357885	1	SHANK - PRECISION SHANK DRILL
17	344505	1	DUTCH OPENER DEEP FERTILIZER(NH3&DRY)
18	344771	1	T/L KT-PREC BOOT W/ TIP & 6.5" SPREADER TRIPLE SHOOT
19	88838	4	BLT HEX 5/8-11NC X 1-3/4 5Z
20	88369	4	NUT 2POSLK 5/8-11NC 5Z
21	89375	4	BLT CRG 3/8-16NC X 1-1/2 5Z
22	246792	1	WHL ASSY PACKER TIRE (7.75W), See page 9-18
23	354054	1	4 BOLT HUB AND SPINDLE ASSEMBLY, Inc. 24, See page 71-72
24	A34927	4	BLT-WHL 1/2-20 UNF X 0.75 (3/4 HEAD) 5Z
25	357861	1	SPINDLE TUBE WELD-PACKER TIRE
27	357862	1	CAST-SPACER PLAINED PACKER TIRE
28	88531	1	BLT HEX 3/8-16NC X 3 5Z
29	88162	1	NUT 2POSLK 3/8-16NC 5Z
30	88679	2	BLT HEX 1/2-13NC X 2 5Z
31	88363	2	NUT 2POSLK 1/2-13NC 5Z
32	88541	1	BLT HEX 1/2-13NC X 3 5Z
33	88363	1	NUT 2POSLK 1/2-13NC 5Z
34	356848	1	COMPOSITE BEARING BUSHING 1.027 ID X 1.242 OD X 4.13
35	356846	1	COMPOSITE BEARING BUSHING 1.027 ID X 1.242 OD X 7.19
36	356847	2	COMPOSITE BEARING BUSHING 1.027 ID X 1.242 OD X 1.50

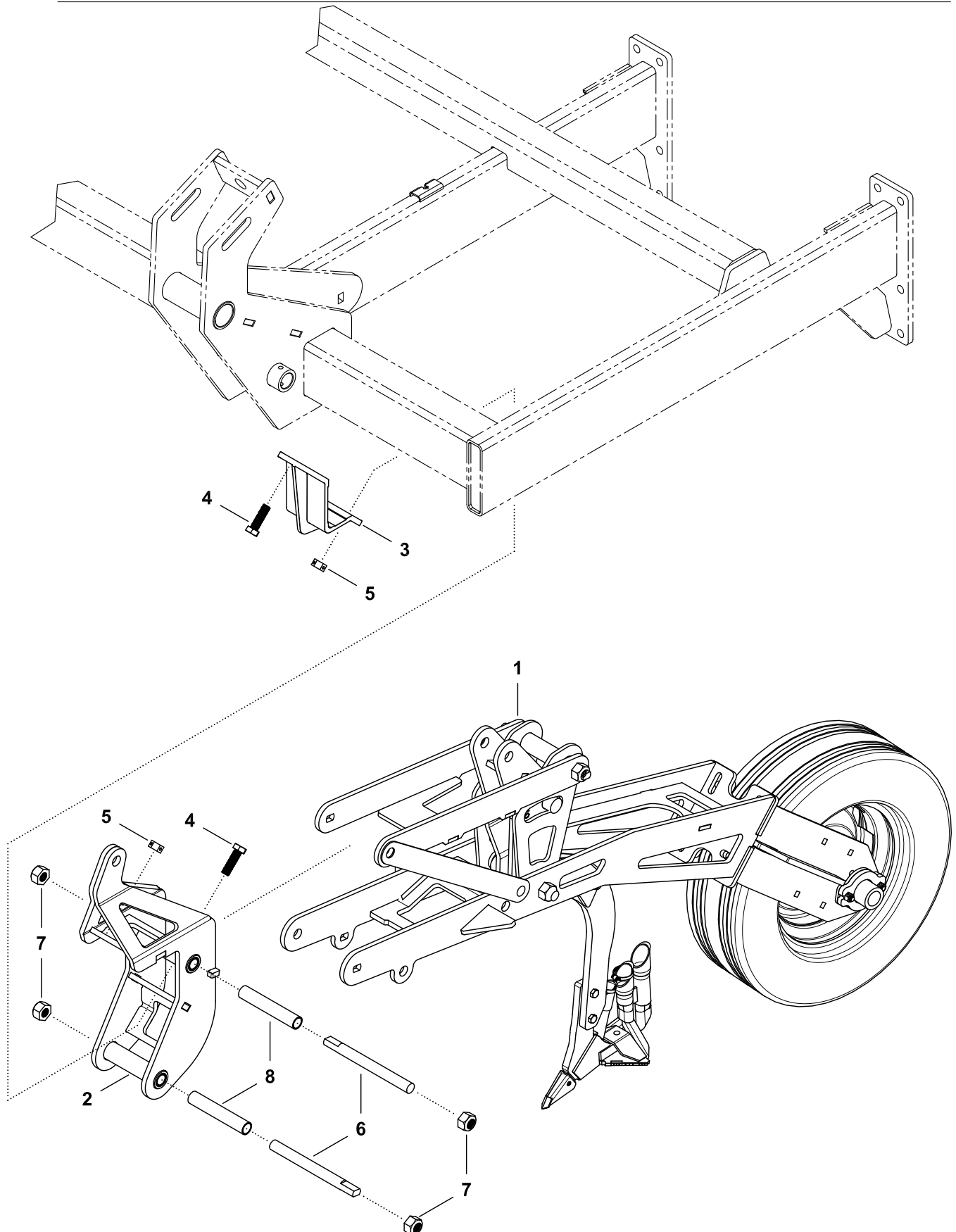
Hub & Spindle Assembly - Packer Wheel



Hub & Spindle Assembly - Packer Wheel *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
	354054	41	4 BOLT HUB AND SPINDLE ASSEMBLY, Inc.
1	322046	1	2,3,4,9 HUB - ASSEMBLY
2	354056	1	SEAL V SHAPE 043/059
3	354057	1	OUTSIDE STEEL RING FOR HUB G3
4	354055	1	SPINDLE-BODY STUBAXLE R041 LAM FF0125
5	A34564	1	R/B 16094 WASHER-SPINDLE 2 X .937 X .188
6	88340	1	NUT SLTD 7/8-14NF Z
7	88301	1	PIN COT 3/16DIA X 1-1/2 Z
8	A33879	1	HUB CAP
9	354058	1	INSIDE STEEL RING FOR HUB G3
10	A52244	2	CUP - BEARING
11	A52245	2	CONE - BEARING

Row Unit - Frame Mount

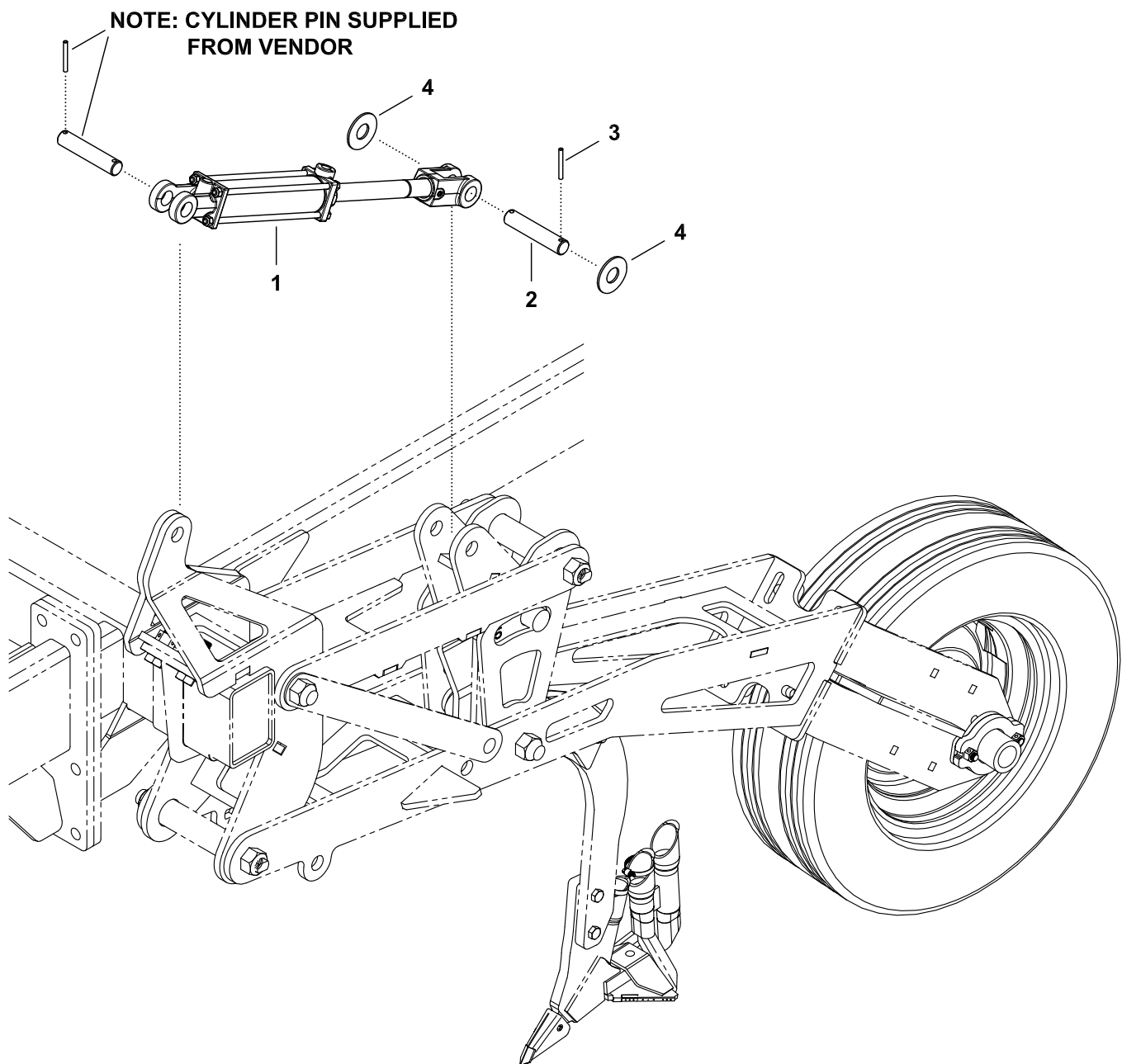


Row Unit - Frame Mount

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	357582	41	BASE PSD SHANK ASSY., Inc. 1-7, See page 69-70
2	356931	1	FRONT MAIN MAST, Inc. 8
3	240694	1	CAST CORNER CAP (PAINTED)
4	89389	4	BLT HEX 3/4-10NC X 2-1/2 8YZ
5	88356	4	NUT 2POS LK 3/4-10NC 5Z
6	357879	2	THREADED PIVOT PIN-DOUBLE D
7	88658	4	NUT TOP LK 1-8NC 5Z
8	356846	2	COMPOSITE BEARING BUSHING 1.027 ID X 1.242 OD X 7.19

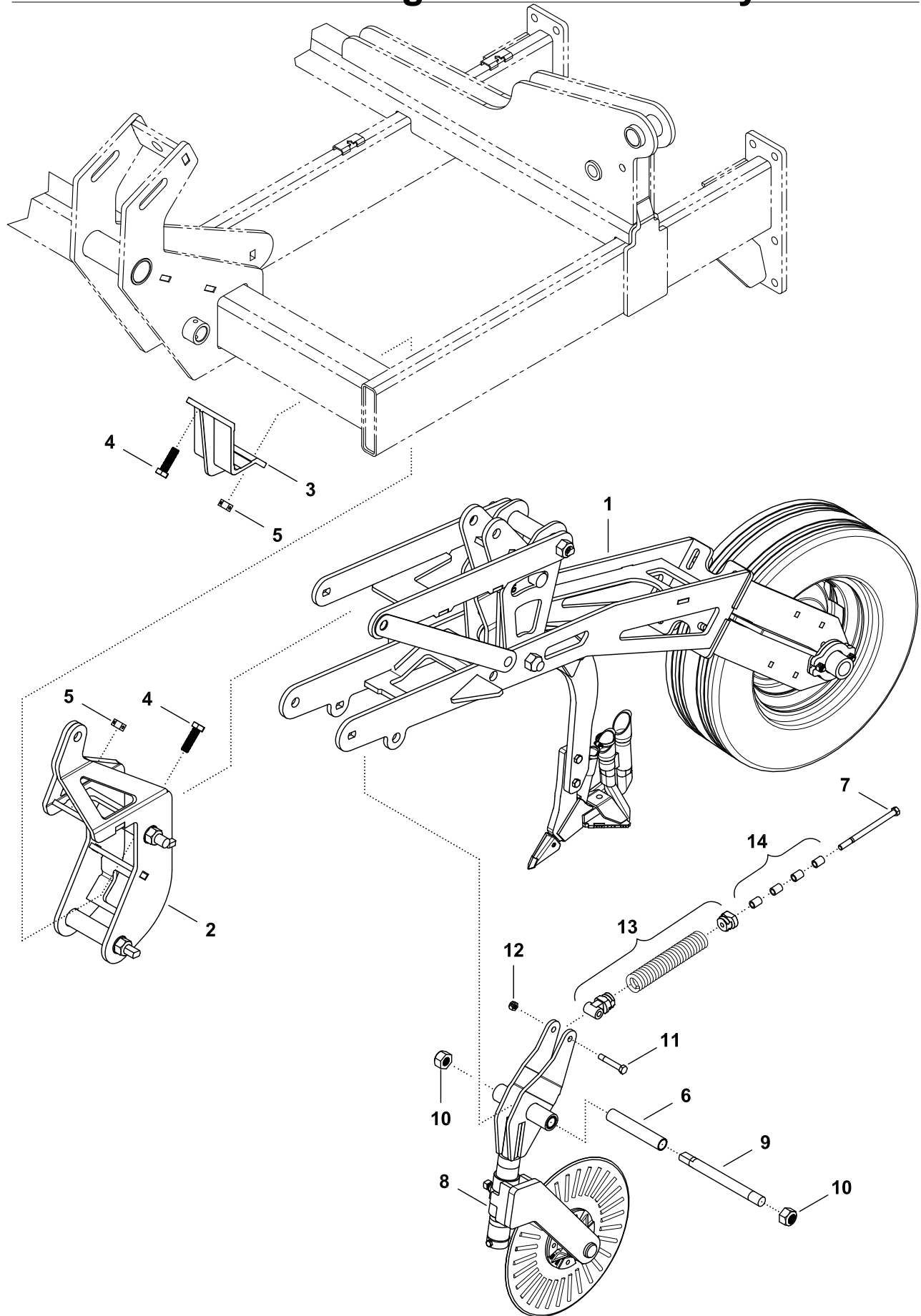
3. *Parts* **Row Unit Down Pressure Cylinder Mount**



Row Unit Down Pressure Cylinder Mount *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
1	321936	41	HYD CYL 2 X 8
2	222338	41	HEADLESS PIN(2) 1X4-1/8
3	42484	82	PIN ROLL 1/4 X 2-1/4 Z
4	88196	82	WSHR FLAT 1(1-1/16 X 2-1/2ACT) Z

3. Parts **Row Unit - Cutting Coultter Assembly**

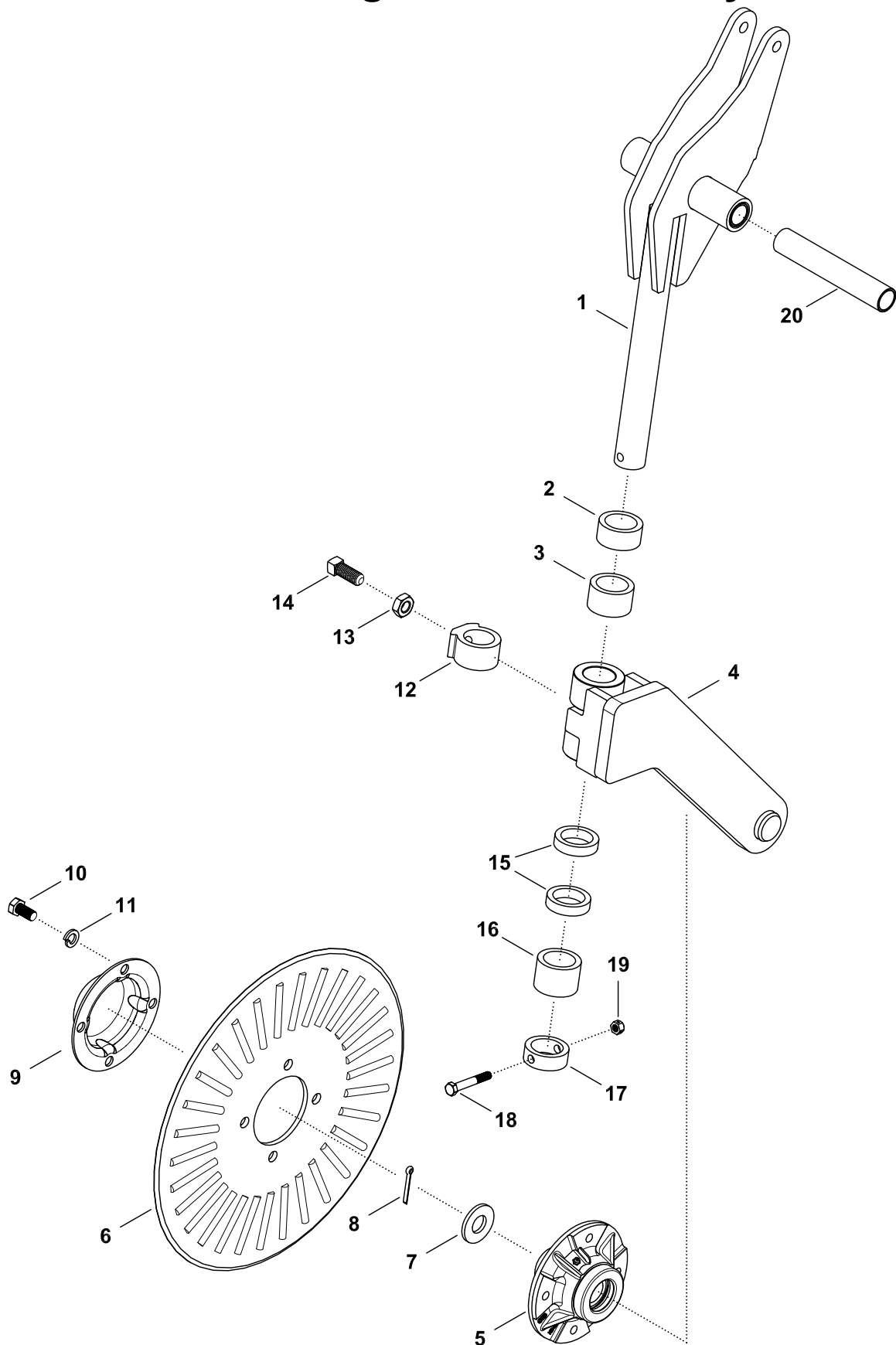


Row Unit - Cutting Coulter Assembly

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
	356969	41	COULTER OPTION, Inc. 7-14
1	357582	1	BASE PSD SHANK ASSY., Inc. 1-5 See page 69-70
2	356931	1	FRONT MAIN MAST, Inc. 6
3	240694	1	CAST CORNER CAP (PAINTED)
4	89389	4	BLT HEX 3/4-10NC X 2-1/2 8YZ
5	88356	4	NUT 2POSLK 3/4-10NC 5Z
6	356846	1	COMPOSITE BEARING BUSHING 1.027 ID X 1.242 OD X 7.19
7	89546	1	BLT HEX 1/2-13NC X 7 1/2 5Z
8	REF	1	CUTTING COULTER OPTION, See page 79-80
9	357879	1	THREADED PIVOT PIN-DOUBLE D
10	88658	2	NUT TOP LK 1-8NC 5Z
11	20637	1	SPECIAL BOLT 1/2 X 3 HEX (ZINC)
12	88363	1	NUT 2POSLK 1/2-13NC 5Z
13	22902	1	SPRING PLUG ASSY
14	357877	4	RND TUBE - BUSHING

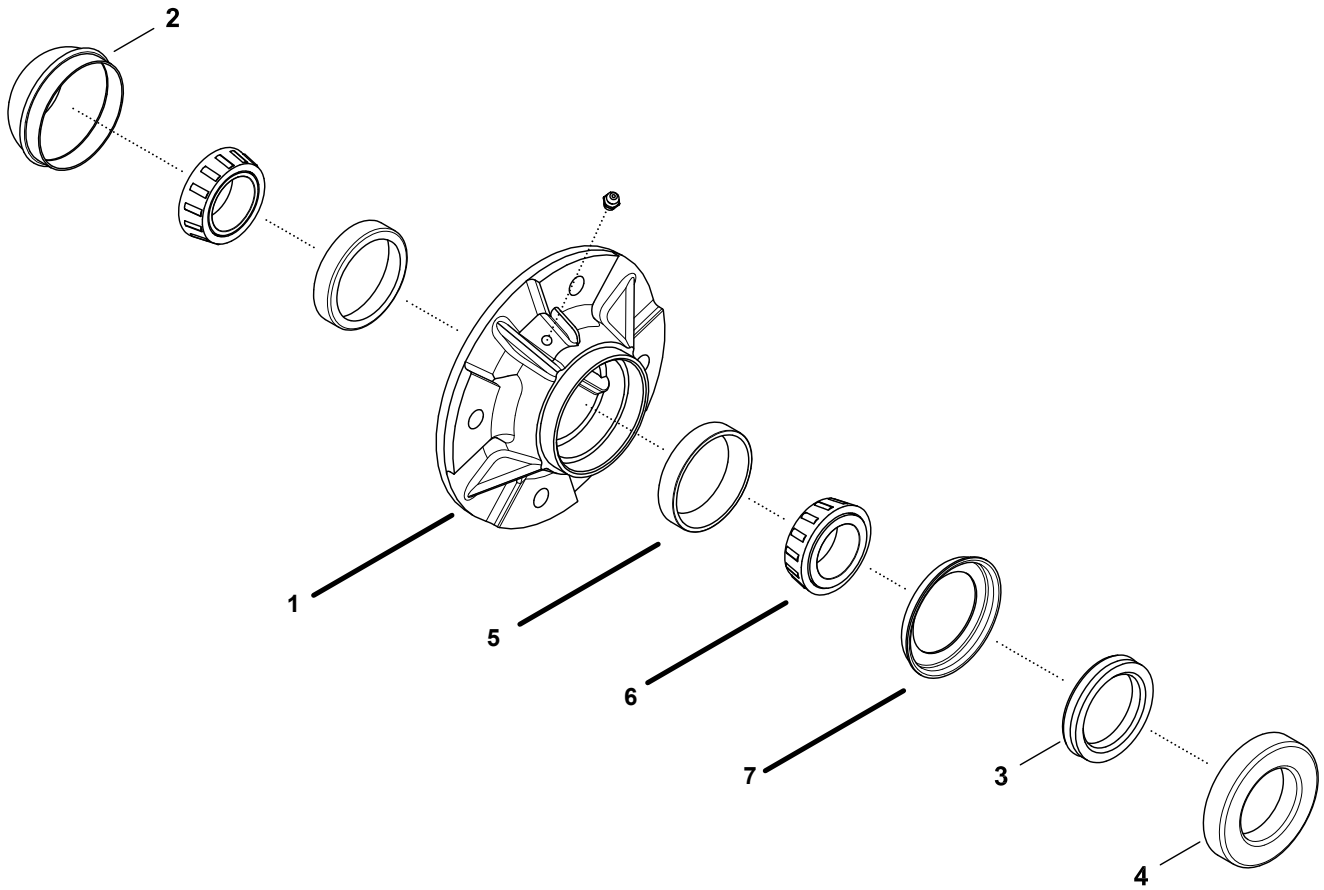
3. Parts **Row Unit - Cutting Coulter Assembly-cont.**



Row Unit - Cutting Coulter Assembly-cont. *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
	356969	41	COULTER OPTION, Inc. 1-20
1	356952	1	COULTER PIVOT BRACKET, Inc. 20
2	358689	1	BUSHING-1.00 LONG (ZP BLACK)
3	358690	1	BUSHING 1-1/4 LONG (ZP YELLOW)
	356967	1	PSD COULTER ASSY, Inc. 4-11
4	356911	1	COULTER ARM WELDMENT
5	321839	1	ASSY-HUB GROUP 1.68 (COULTER/SDD), See page 81-82
6	356972	1	17 IN COULTER BLADE
7	A34564	1	R/B 16094 WASHER-SPINDLE 2 X .937 X .188
8	88301	1	PIN COT 3/16DIA X 1-1/2 Z
9	A34565	1	DUST CAP PROTECTOR YZP
10	89290	4	BLT HEX 1/2-20NF X 1 5Z
11	88303	4	WSHR HLK 1/2ID(9/16ACT) Z
12	234262	1	LOCKING COLLAR CLYMER N347-2
13	88774	1	NUT JAM 5/8-11NC 5Z
14	88977	1	SCR SET 5/8-11NC X 1-1/2 SQ HD Z
15	358688	2	BUSHING-1/2 LONG (ZP)
16	358691	1	BUSHING 1-1/2 LONG (ZP)
17	358692	1	BUSHING 3/4 LONG W-HOLE (ZP)
18	89012	1	BLT HEX 3/8-16NC X 2-1/2 5Z
19	88162	1	NUT 2POSLK 3/8-16NC 5Z
20	356846	1	COMPOSITE BEARING BUSHING 1.027 ID X 1.242 OD X 7.19
21	88340	1	NUT SLTD 7/8-14NF Z

Hub Assembly - Cutting Coulter

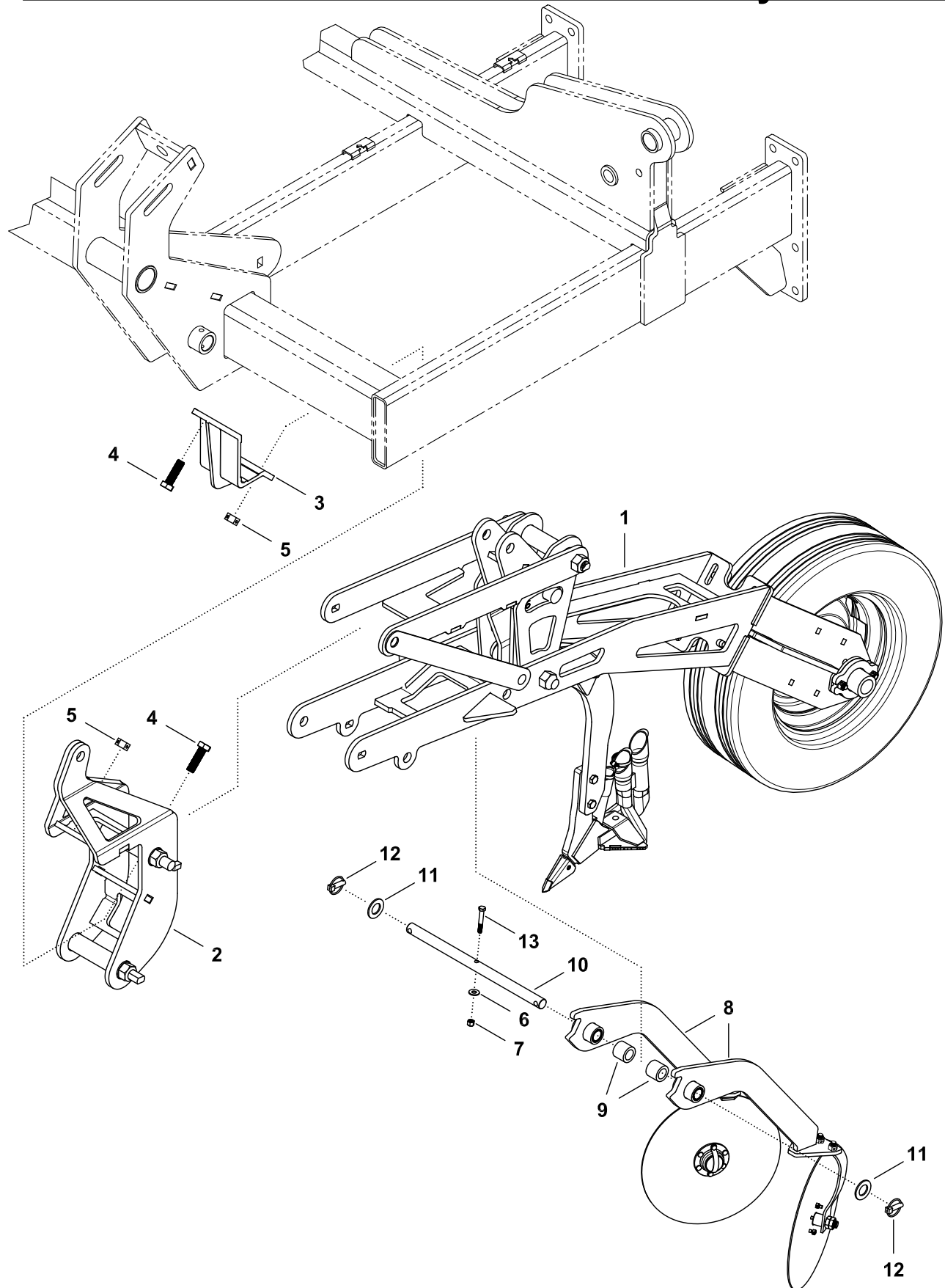


Hub Assembly - Cutting Coulter

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
	321839	1	ASSY-HUB GROUP 1.68 (COULTER/SDD), Inc. 5-6
1	322046	1	ASSY-HUB
2	A33879	1	HUB CAP
3	354056	1	SEAL V SHAPE 043/059
4	354057	1	OUTSIDE STEEL RING FOR HUB G3
5	A52244	2	CUP - BEARING
6	A52245	2	CUP - CONE
7	354058	1	INSIDE STEEL RING FOR HUB G3

Row Unit - Disc Closer Assembly

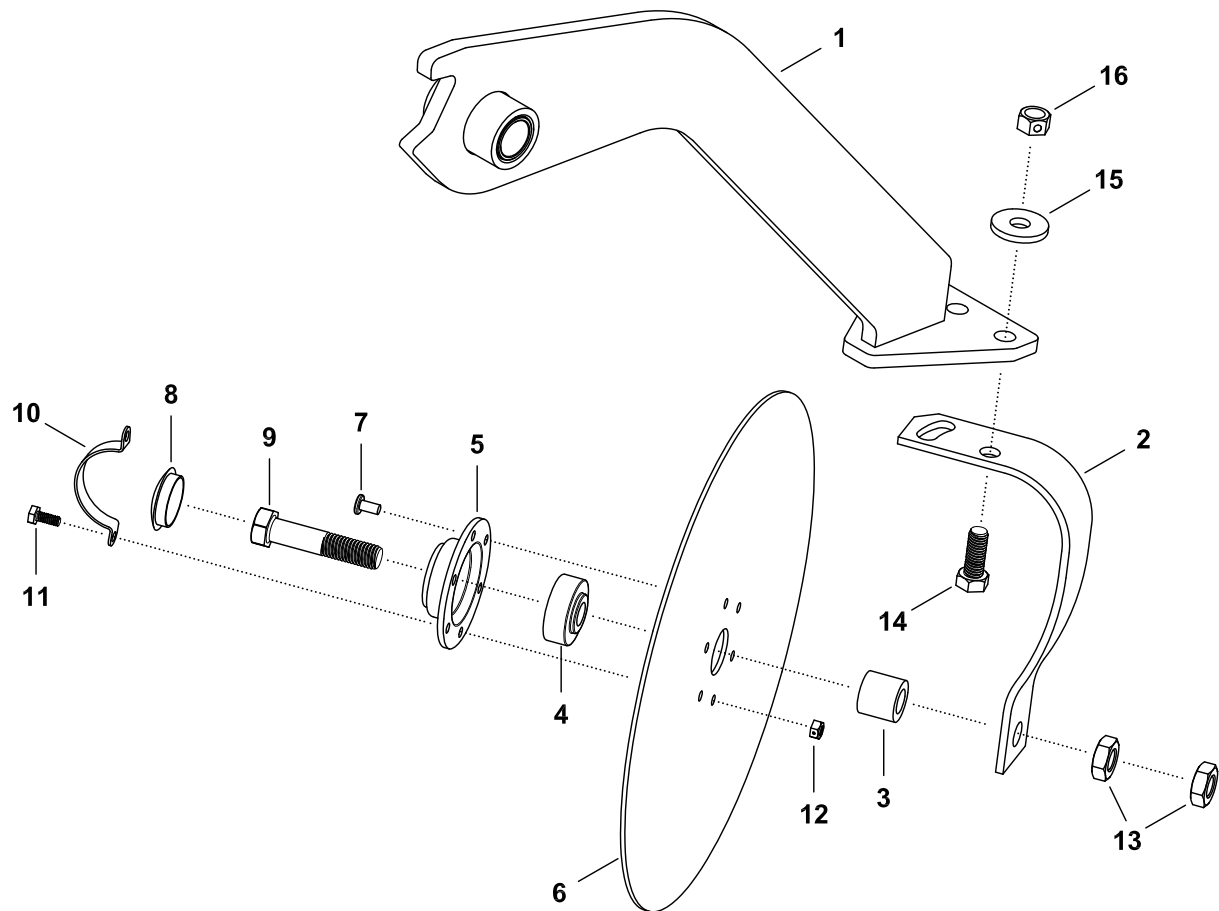


Row Unit - Disc Closer Assembly

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
	356970	41	DISC CLOSER OPTION, Inc. 6-12
1	357582	1	BASE PSD SHANK ASSY., Inc. 1-5, See page 69-70
2	356931	1	FRONT MAIN MAST
3	240694	1	CAST CORNER CAP (PAINTED)
4	89389	4	BLT HEX 3/4-10NC X 2-1/2 8YZ
5	88356	4	NUT 2POSLK 3/4-10NC 5Z
6	88282	1	WSHR FLAT 3/8(7/16 X 1ACT) Z
7	88626	1	NUT NLK 3/8-16NC 5Z
8	356914	2	DISC CLOSER ARM, Inc. 9, See page 85-86
9	356849	1	COMPOSITE BEARING BUSHING 1.027 ID X 1.242 OD X 2.50
10	356916	1	CLOSURE PIN (ZP)
11	88738	2	WSHR FLAT 1SAE(1-1/16 X 2ACT) Z
12	32990	2	PIN,CLICK 7/16X1-1/2
13	88489	1	BLT HEX 3/8-16NC X 2-1/2 8YZ

3. Parts **Row Unit - Disc Closer Assembly-cont.**

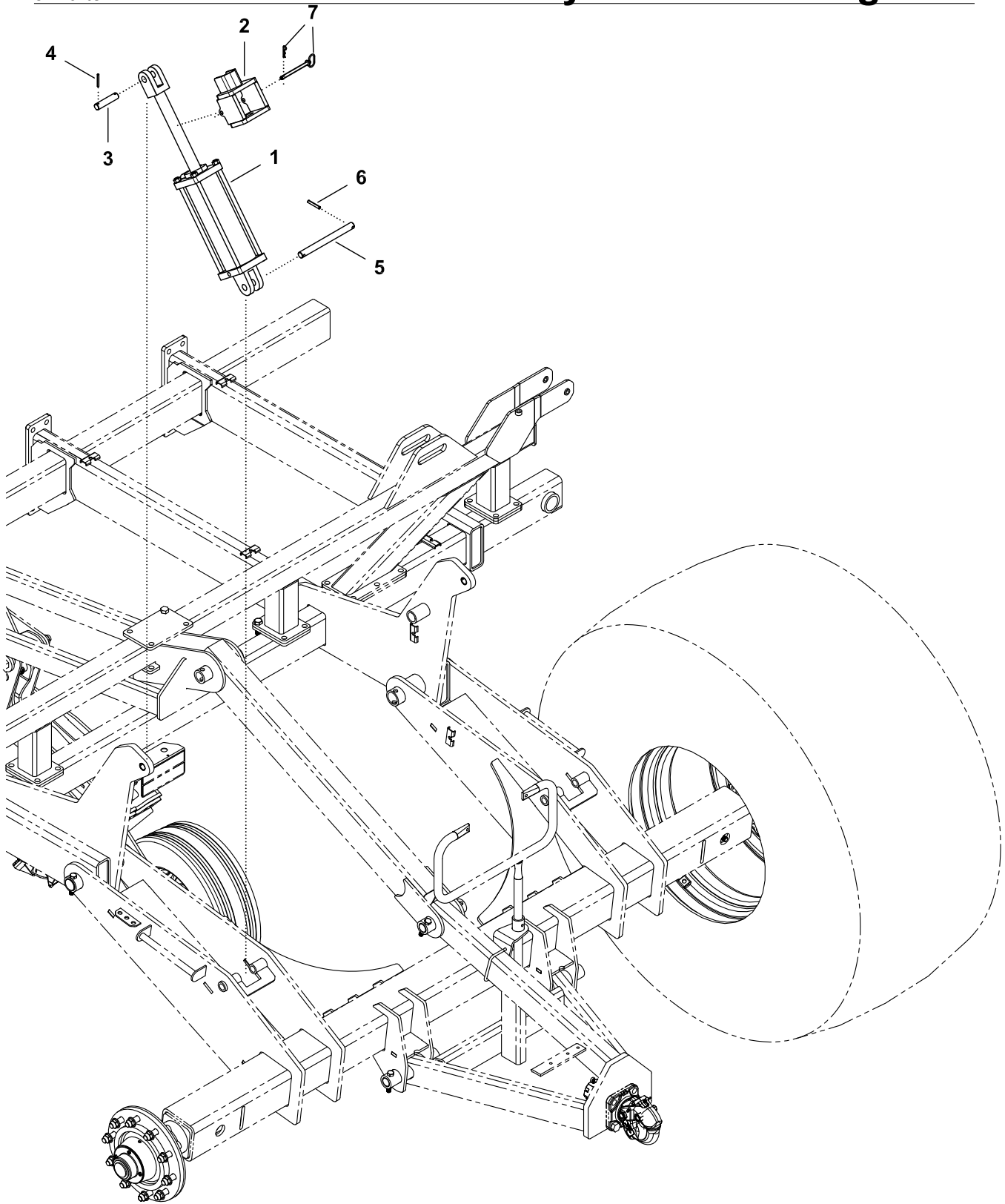


Row Unit - Disc Closer Assembly-cont.

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
	356970	41	DISC CLOSER OPTION, Inc. 1-16
1	356914	2	DISC CLOSER ARM
	A66478	1	ASSY-LEFT DISC ARM, Inc. 2-13
	A66479	1	ASSY-RIGHT DISC ARM, Inc. 2-13
2	234514	1	ARM SPRING LEFT REV.B
	234515	1	ARM SPRING RIGHT REV.B
3	234516	1	TUBE SPACER (ZINC)
	234965	1	DISC BLADE ASSEMBLY, Inc. 4-8
	234963	1	HUB AND BEARING ASSEMBLY, Inc. 4 & 5
4	234969	1	BEARING DISC FAFNIR 204PY3
5	234967	1	HUB BEARING
6	234966	1	BLADE DISC
7	89400	4	RIVET 1/4 X 5/8 FLAT HEAD
8	234968	1	CAP DUST
9	88408	1	BLT HEX 5/8-11NC X 3 5Z
10	234517	1	RETAINER DUST CAP (ZINC)
11	88191	2	BLT HEX 1/4-20NC X 5/8 5Z
12	88237	2	NUT 2POSLK 1/4-20NC 5Z
13	88774	2	NUT JAM 5/8-11NC 5Z
14	88475	4	BLT HEX 1/2-13NC X 1-1/2 5Z WASHER-
15	A33036	4	FLAT: .50 ZP HD NUT
16	88363	4	2POSLK 1/2-13NC 5Z

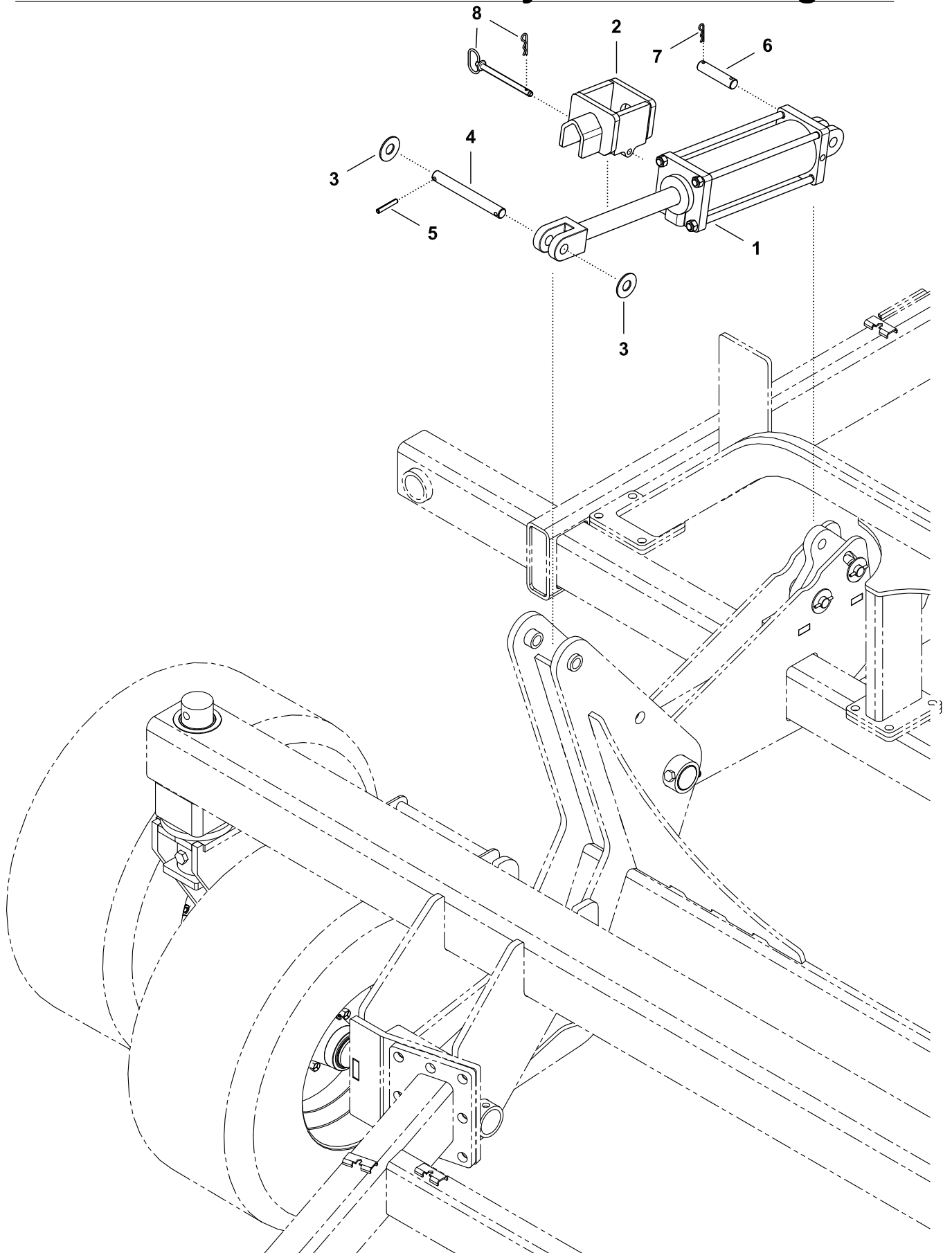
Rear Main Frame Lift Cylinder Mounting



Rear Main Frame Lift Cylinder Mounting *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
1	235967	2	HYD CYL 5 X 12 (AM-2534)
2	358289	2	TRANSPORT CHANNEL -PSD
3	42430	2	HEADLESS PIN(2) 1X3-7/16 (ZP)
4	42484	4	PIN ROLL 1/4 X 2-1/4 Z
5	357521	2	REAR LIFT WHEEL CYLINDER PIN (ZP)
6	88770	4	PIN ROLL 3/8DIA X 2-1/2 Z
7	350876	2	1/2X6-1/2 HITCH PIN W/HAIR PIN

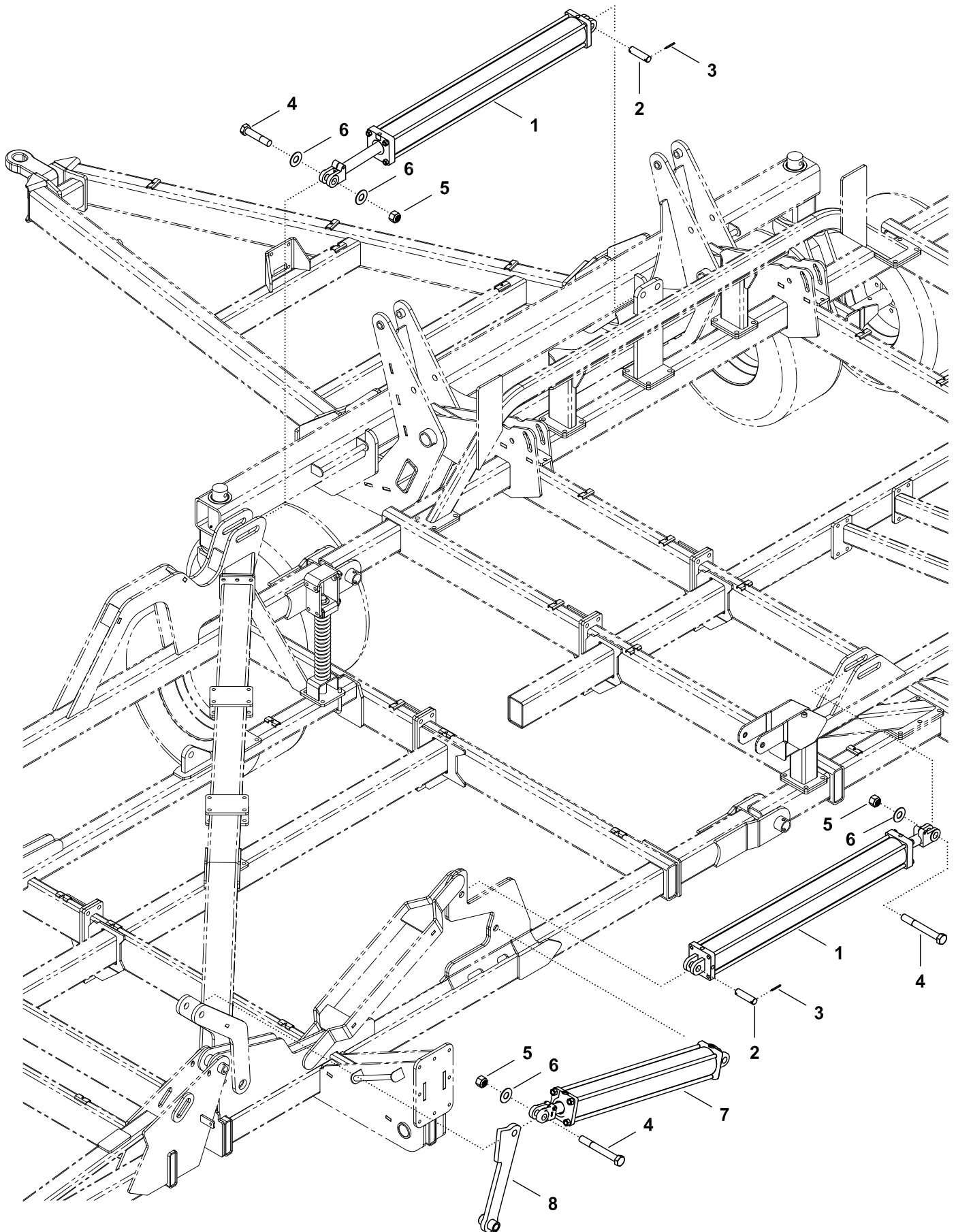
Front Main Frame Lift Cylinder Mounting



Front Main Frame Lift Cylinder Mounting *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
1	235968	2	HYD CYL 4-3/4 X 12 (AM-2540)
2	358289	2	TRANSPORT CHANNEL -PSD
3	88196	4	WSHR FLAT 1(1-1/16 X 2-1/2ACT) Z
4	357522	2	FRONT LIFT CYLINDER PIN (ZP)
5	88770	4	PIN ROLL 3/8DIA X 2-1/2 Z
6	42430	2	HEADLESS PIN(2) 1X3-7/16 (ZP)
7	88133	4	PIN COT 3/16DIA x 2
8	350876	2	1/2X6-1/2 HITCH PIN W/HAIR PIN

Wing Fold Cylinder Mounting

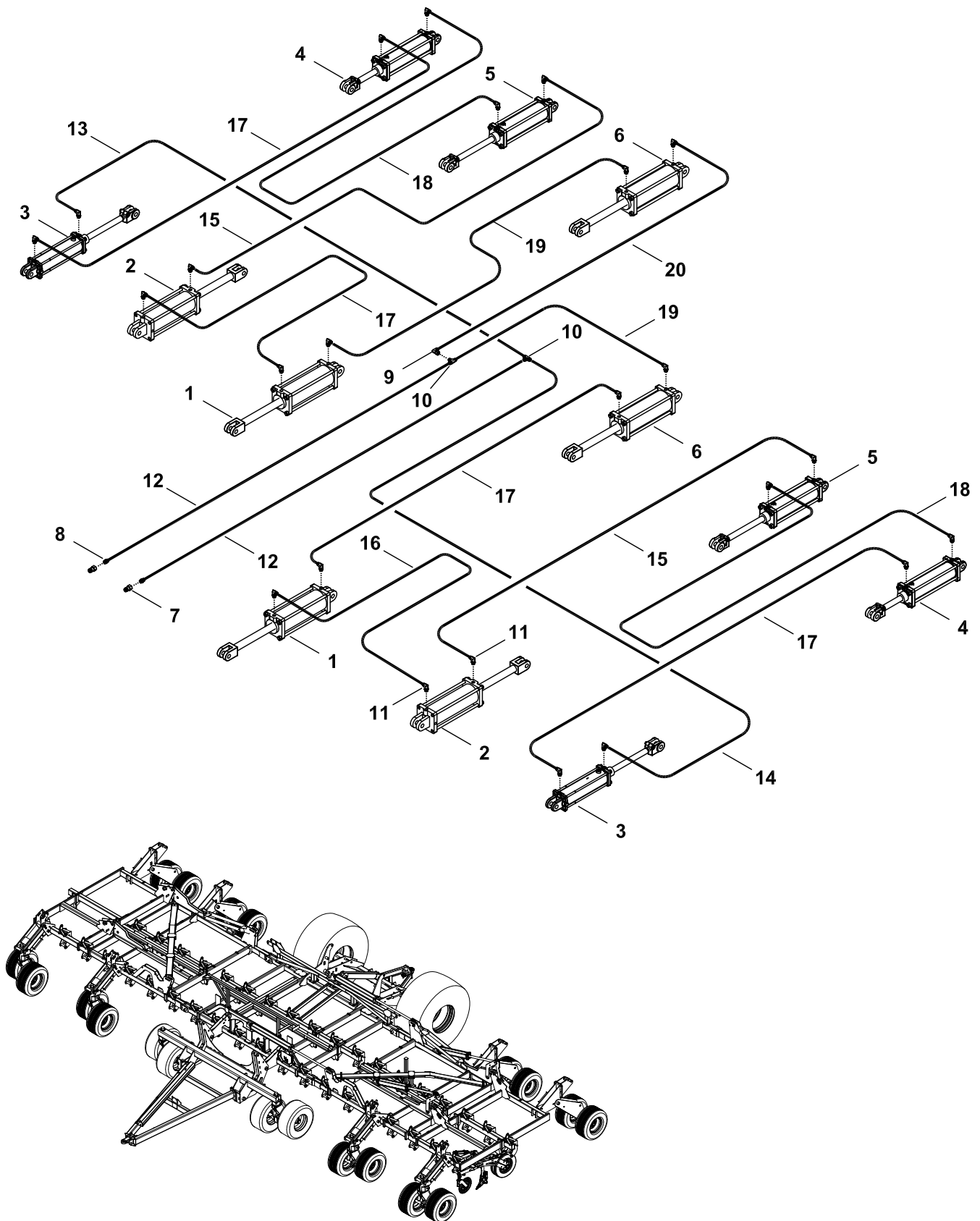


Wing Fold Cylinder Mounting

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	357897	4	HYD CYL, 5 X 48 (PRINCE B500480ACDDA07B)
2	42431	8	HEADLESS PIN(2) 1-1/4X3-3/4 (ZP)
3	42484	16	PIN ROLL 1/4 X 2-1/4 Z
4	88349	12	BLT HEX 1-1/4-7NC X 6-1/2 5Z
5	89050	4	NUT NLK 1-1/4-7NC 5Z
6	88602	4	WSHR FLAT 1-1/4(1-3/8 X 3ACT) Z
7	247829	4	HYD CYL, 5X36 TIE ROD (PRINCE)
8	358365	4	WING FOLD LINK 36

Lift Cylinder Hydraulics - 51ft

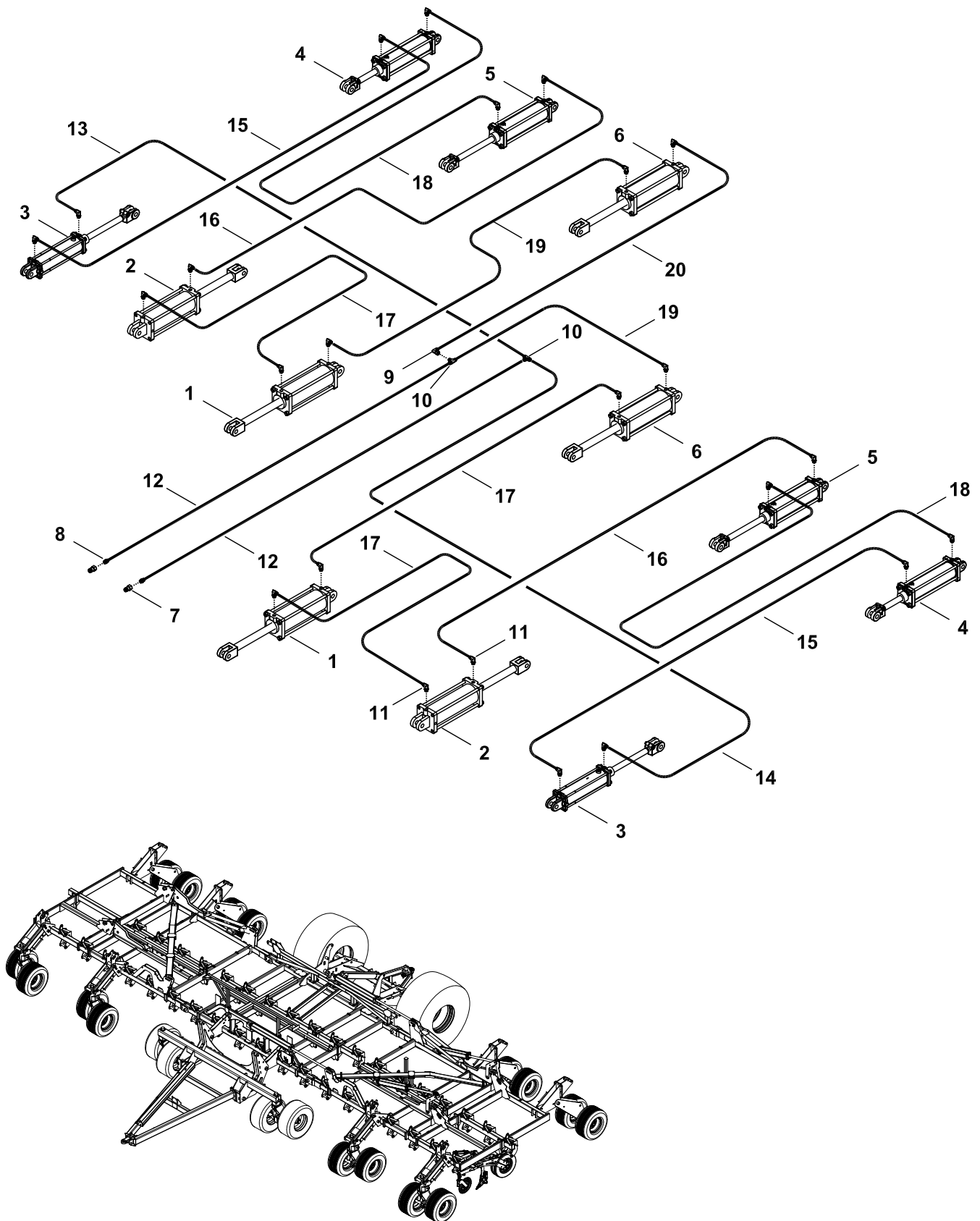


Lift Cylinder Hydraulics - 51ft

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	235968	2	HYD CYL 4-3/4 X 12 (AM-2540)
2	235969	4	HYD CYL 4-1/2 X 12 (AM-2546)
3	358312	2	3-1/2 X 12 HYD CYLINDER ASSEMBLY
4	358313	2	3-3/4 X 12 HYD CYLINDER ASSEMBLY
5	358314	4	4 X 12 HYD CYLINDER ASSEMBLY
6	235967	2	HYD CYL 5 X 12 (AM-2534)
7	247425	2	QUICK COUPLER 8 ORB
8	24024	2	ADP 8MORB X 8MJ
9	25591	1	ELB 8MJ X 8FJX
10	13238	2	TEE 8MJ X 8MJ X 8MJ
11	25580	24	ELB 8MORB X 8MJ
12	241494	2	HSE 3KPSI 1/2X276 8FJX-8FJX
13	240609	1	HSE 3KPSI 3/8X324 8FJX-8FJX
14	247432	1	HSE 3KPSI 3/8X400 8FJX-8FJX
15	247431	2	HSE 3KPSI 3/8X232 8FJX-8FJX
16	67576	2	HSE 3KPSI 3/8X276 8FJX-8FJX
17	240604	3	HSE 3KPSI 3/8X300 8FJX-8FJX
18	247432	2	HSE 3KPSI 3/8X400 8FJX-8FJX
19	234947	2	HSE 3KPSI 3/8X194 8FJX-8FJX
20	235386	1	HSE 3KPSI 3/8X137 8FJX-8FJX

Lift Cylinder Hydraulics - 61ft

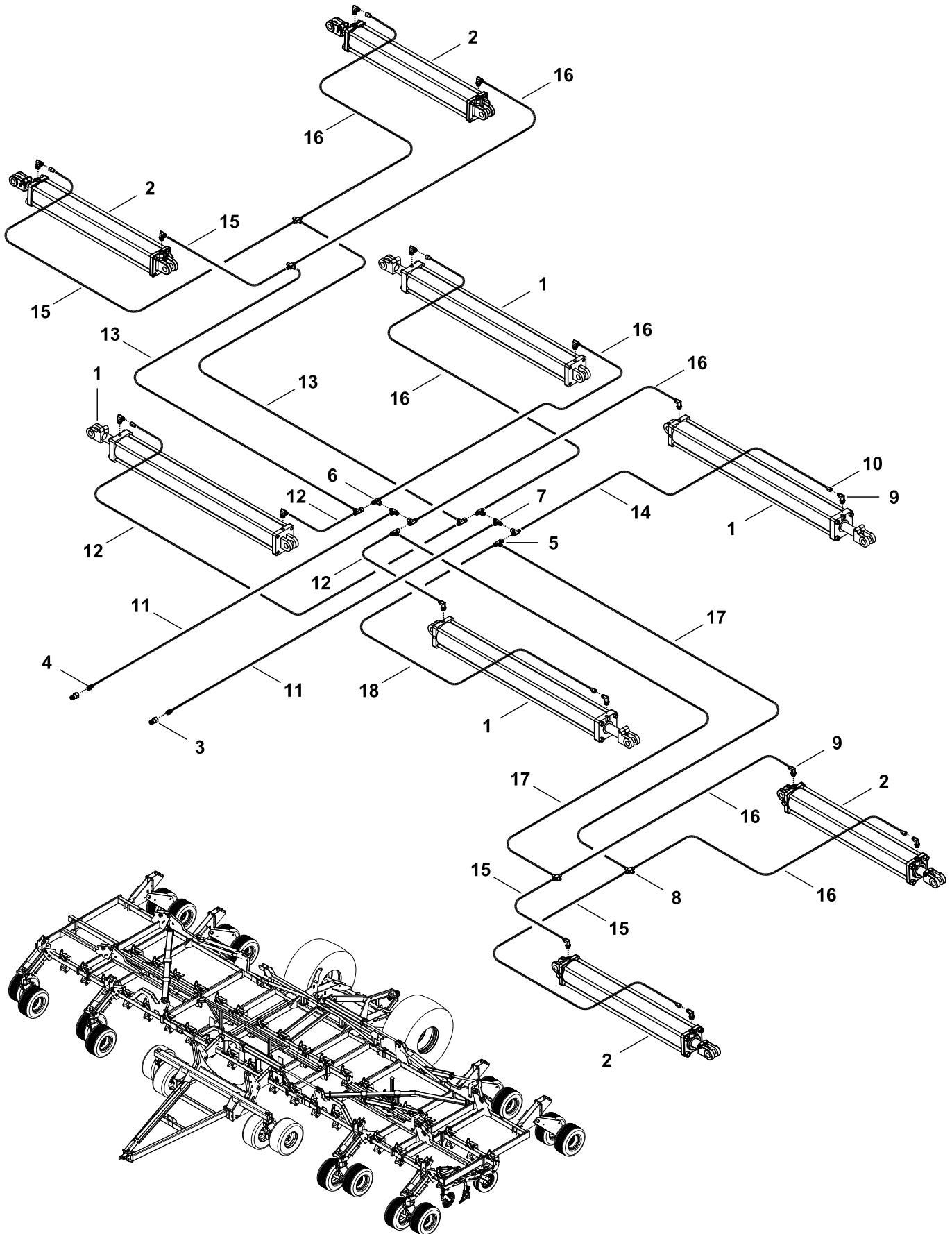


Lift Cylinder Hydraulics - 61ft

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	235968	2	HYD CYL 4-3/4 X 12 (AM-2540)
2	235969	2	HYD CYL 4-1/2 X 12 (AM-2546)
3	358312	2	3-1/2 X 12 HYD CYLINDER ASSEMBLY
4	358313	2	3-3/4 X 12 HYD CYLINDER ASSEMBLY
5	358314	2	4 X 12 HYD CYLINDER ASSEMBLY
6	235967	2	HYD CYL 5 X 12 (AM-2534)
7	247425	2	QUICK COUPLER 8 ORB
8	24024	2	ADP 8MORB X 8MJ
9	25591	1	ELB 8MJ X 8FJX
10	13238	2	TEE 8MJ X 8MJ X 8MJ
11	25580	24	ELB 8MORB X 8MJ
12	241494	2	HSE 3KPSI 1/2X276 8FJX-8FJX
13	240611	1	HSE 3KPSI 3/8X324 8FJX-8FJX
14	247427	1	HSE 3KPSI 3/8X400 8FJX-8FJX
15	247431	2	HSE 3KPSI 3/8X232 8FJX-8FJX
16	67576	2	HSE 3KPSI 3/8X276 8FJX-8FJX
17	240604	5	HSE 3KPSI 3/8X300 8FJX-8FJX
18	238618	2	HSE 3KPSI 3/8X400 8FJX-8FJX
19	234947	2	HSE 3KPSI 3/8X194 8FJX-8FJX
20	235386	1	HSE 3KPSI 3/8X137 8FJX-8FJX

Wing Fold Hydraulics - 51ft

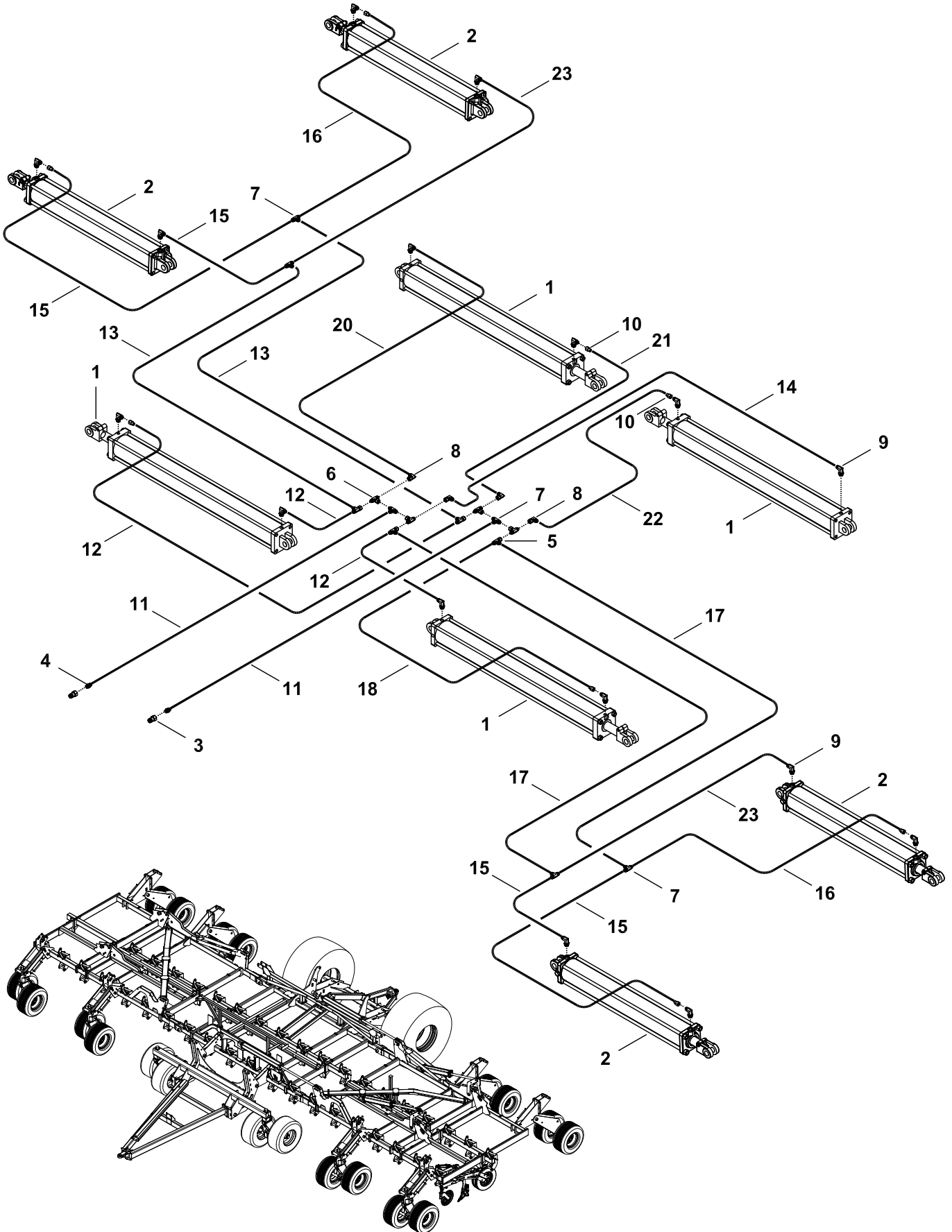


Wing Fold Hydraulics - 51ft

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	357897	4	HYD CYL, 5 X 48 (PRINCE B500480ACDDA07B)
2	247829	4	HYD CYL, 5X36 TIE ROD (PRINCE)
3	247425	2	QUICK COUPLER 8 ORB
4	24024	10	ADP 8MORB X 8MJ
5	A63015	4	TEE 8MJ X 8FJX X 8MJ
6	69080	4	TEE 8MJ X 8MJ X 8FJX
7	13238	2	TEE 8MJ X 8MJ X 8MJ
8	15910	4	CROSS 8MJ X 8MJ X 8MJ X 8MJ
9	A65901	16	ELB10MB-8MJ-90 (354405)
10	358980	8	RSTR ADP 8FJ-8MJ .075
11	241494	2	HSE 3KPSI 1/2X276 8FJX-8FJX
12	25603	3	HSE 3KPSI 3/8X75 8FJX-8FJX
13	235386	2	HSE 3KPSI 3/8X137 8FJX-8FJX
14	59909	2	HSE 3KPSI 3/8X168 8FJX-8FJX
15	25597	4	HSE 3KPSI 3/8X40 8FJX-8FJX
16	13482	7	HSE 3KPSI 3/8X108 8FJX-8FJX
17	238204	2	HSE 3KPSI 3/8X210 8FJX-8FJX
18	67634	1	HSE 3KPSI 3/8X132 8FJX-8FJX

Wing Fold Hydraulics - 61ft

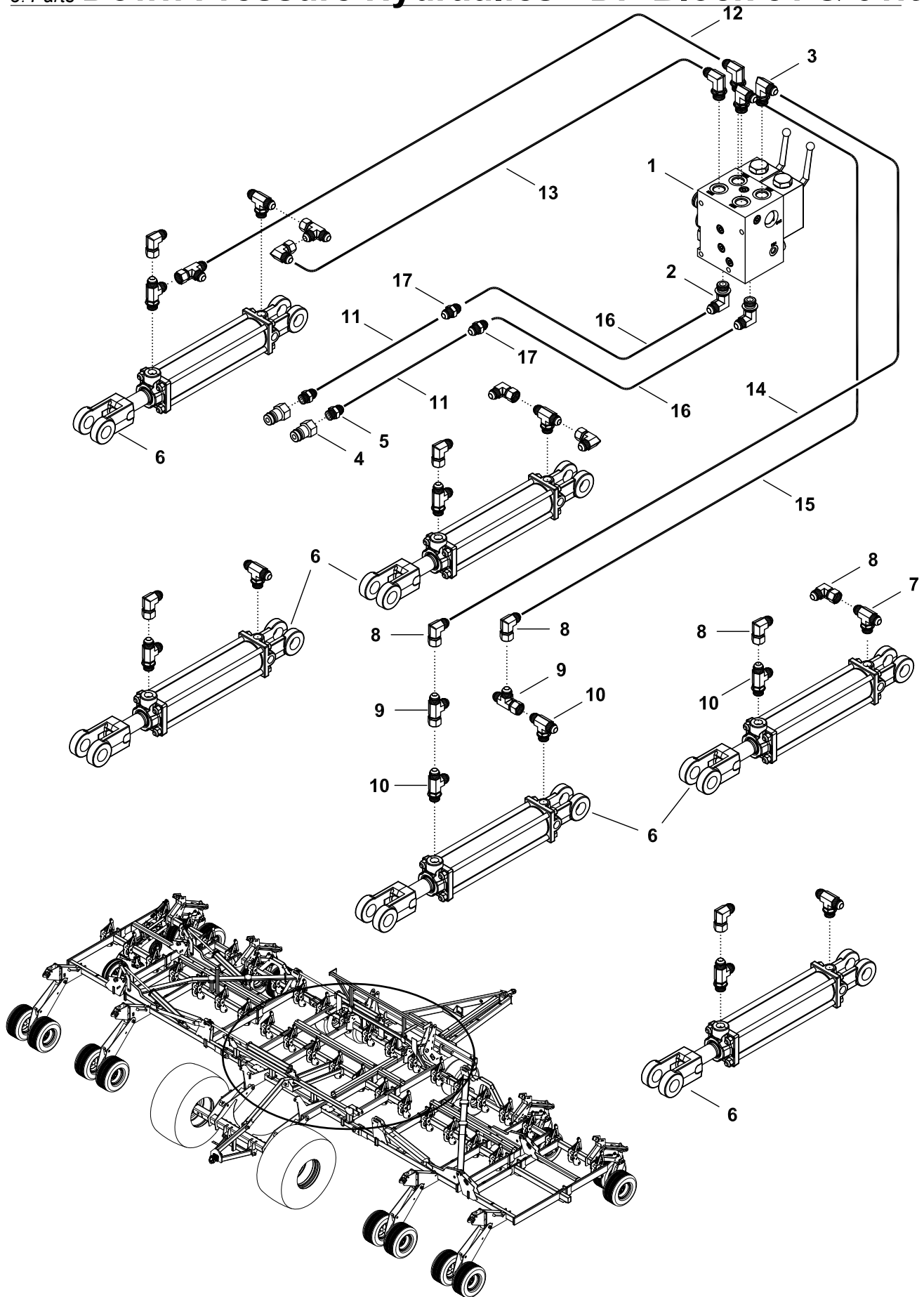


Wing Fold Hydraulics - 61ft

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	357897	4	HYD CYL, 5 X 48 (PRINCE B500480ACDDA07B)
2	247829	4	HYD CYL, 5X36 TIE ROD (PRINCE)
3	247425	2	QUICK COUPLER 8 ORB
4	24024	4	ADP 8MORB X 8MJ
5	A63015	4	TEE 8MJ X 8FJX X 8MJ
6	69080	4	TEE 8MJ X 8MJ X 8FJX
7	13238	2	TEE 8MJ X 8MJ X 8MJ
8	15910	4	CROSS 8MJ X 8MJ X 8MJ X 8MJ
9	A65901	16	ELB10MB-8MJ-90 (354405)
10	358980	8	RSTR ADP 8FJ-8MJ .075
11	241494	2	HSE 3KPSI 1/2X276 8FJX-8FJX
12	25603	3	HSE 3KPSI 3/8X75 8FJX-8FJX
13	13484	2	HSE 3KPSI 3/8X137 8FJX-8FJX
14	240611	2	HSE 3KPSI 3/8X168 8FJX-8FJX
15	25597	4	HSE 3KPSI 3/8X40 8FJX-8FJX
16	13482	4	HSE 3KPSI 3/8X108 8FJX-8FJX
17	234939	2	HSE 3KPSI 3/8X210 8FJX-8FJX
18	67634	1	HSE 3KPSI 3/8X132 8FJX-8FJX
19	238618	1	HSE 3KPSI 3/8X420 8FJX-8FJX
20	240604	1	HSE 3KPSI 3/8X300 8FJX-8FJX
21	240609	1	HSE 3KPSI 3/8X324 8FJX-8FJX
22	247342	1	HSE 3KPSI 3/8X400 8FJX-8FJX
23	13483	2	HSE 3KPSI 3/8X120 8FJX-8FJX

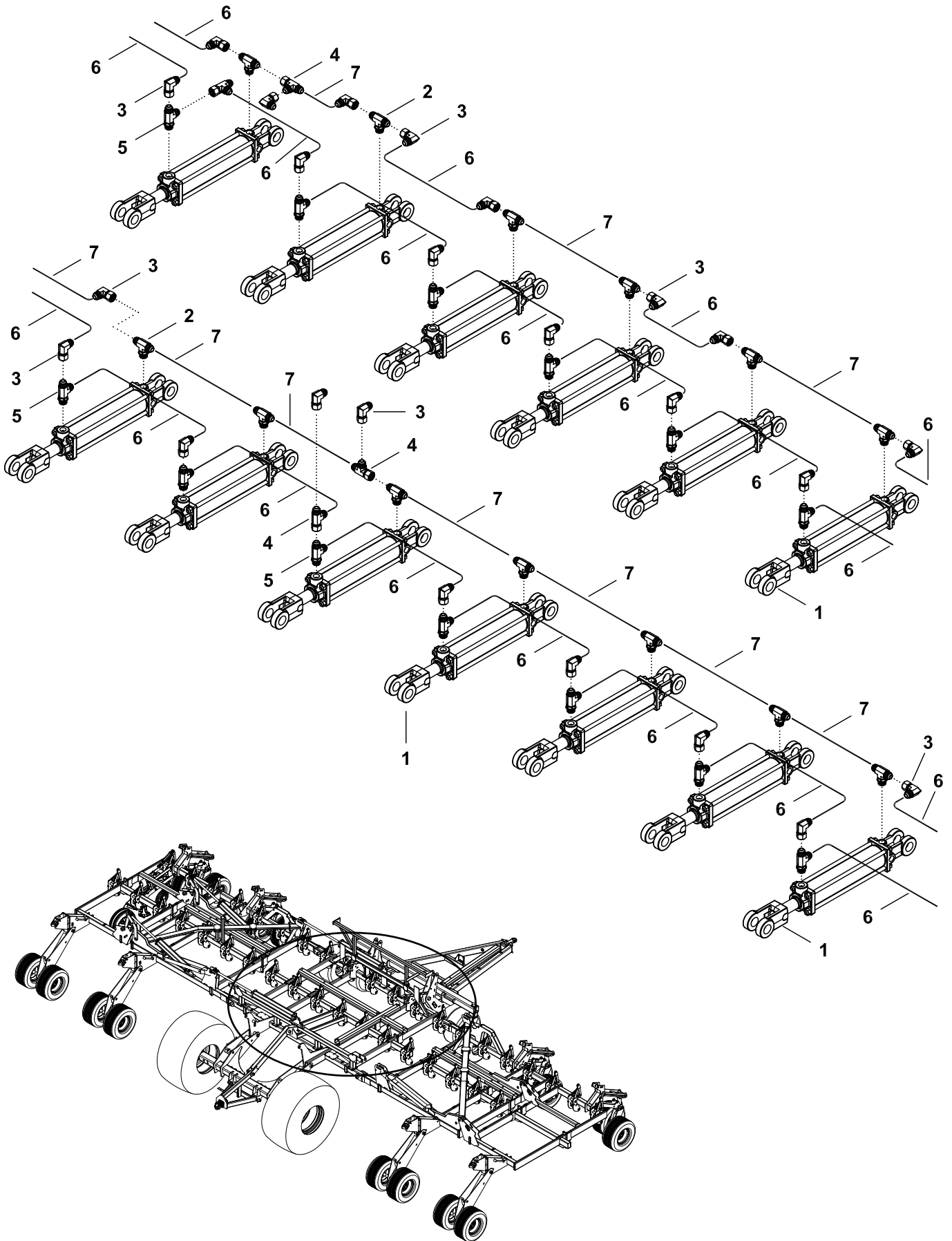
3. Parts **Down Pressure Hydraulics - DP Block 51 & 61ft**



Down Pressure Hydraulics - DP Block 51 & 61ft *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
1	358905	1	DOWN PRESSURE REGEN VLAVE PS-00505-VVA-01
2	A65901	2	ELB10MB-8MJ-90 (354405)
3	25580	8	ELB 8MORB X 8MJ
4	247425	2	QUICK COUPLER 8 ORB
5	24024	2	ADP 8MORB X 8MJ
6	321936	6	HYD CYL 2 X 8
7	56534	6	TEE 8MJ X 8MJ X 8MORB
8	25591	12	ELB 8MJ X 8FJX
9	A63015	1	TEE 8MJ X 8FJX X 8MJ
10	A63016	6	TEE 8MORB X 8MJ X 8MJ
11	241494	2	HSE 3KPSI 1/2X276 8FJX-8FJX
12	A66607	1	HOSE: .50 X 029 8FJX-8FJX
13	239088	1	HSE 3KPSI 1/2X18 8FJX-8FJX
14	245010	1	HSE 3KPSI 1/2X108 8FJX-8FJX
15	233250	1	HSE 3KPSI 1/2X80 8FJX-8FJX
16	235237	2	HSE 3KPSI 1/2X132 8FJX-8FJX
17	13239	2	UNION 8MJ X 8MJ

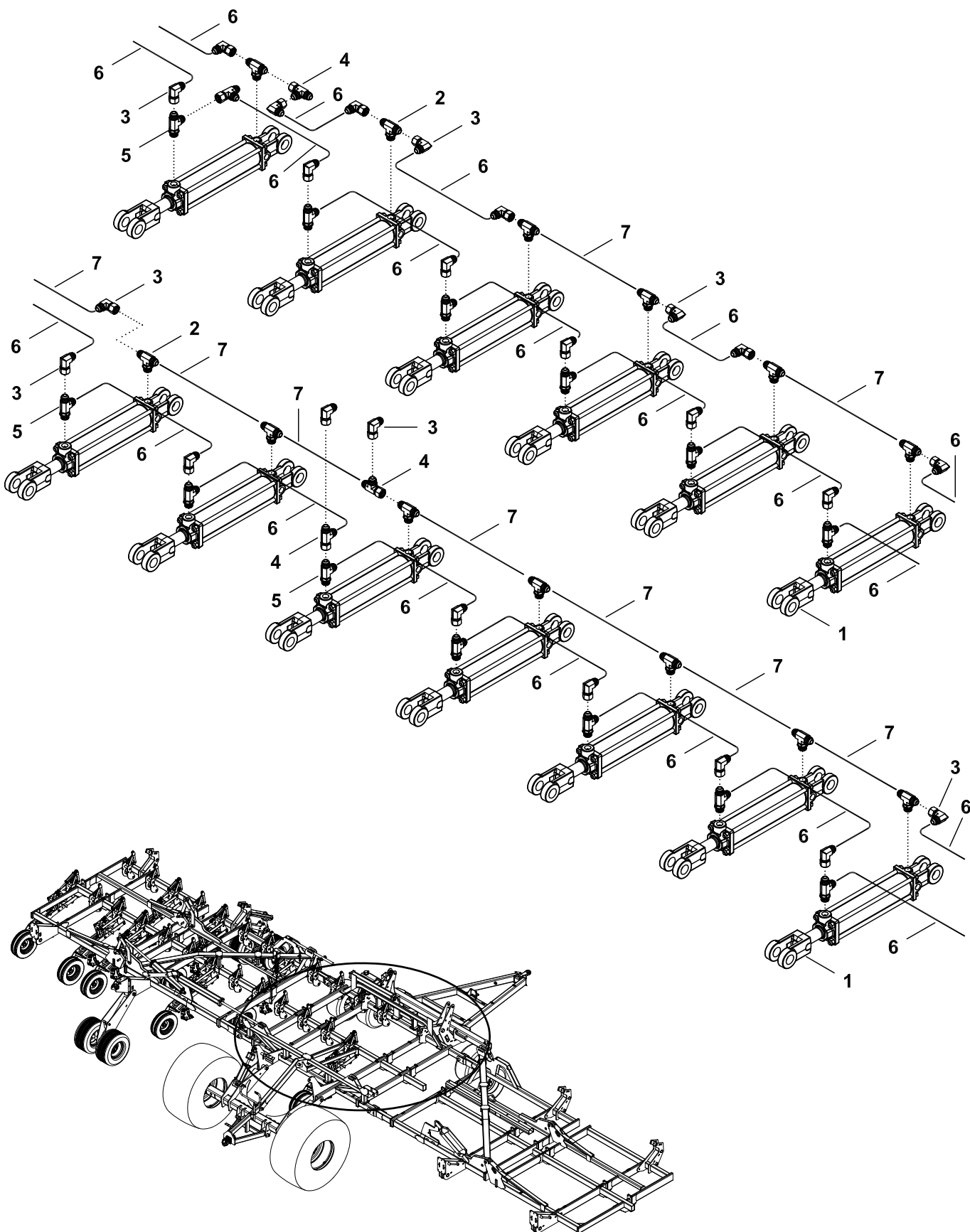
3. Parts **Down Pressure Hydraulics - Main Frame 51ft**



Down Pressure Hydraulics - Main Frame 51ft *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
1	321936	13	HYD CYL 2 X 8
2	56534	13	TEE 8MJ X 8MJ X 8MORB
3	25591	23	ELB 8MJ X 8FJX
4	A63015	4	TEE 8MJ X 8FJX X 8MJ
5	A63016	13	TEE 8MORB X 8MJ X 8MJ
6	A66606	21	HOSE: .50 X 046 8FJX-8FJX
7	A66607	9	HOSE: .50 X 029 8FJX-8FJX

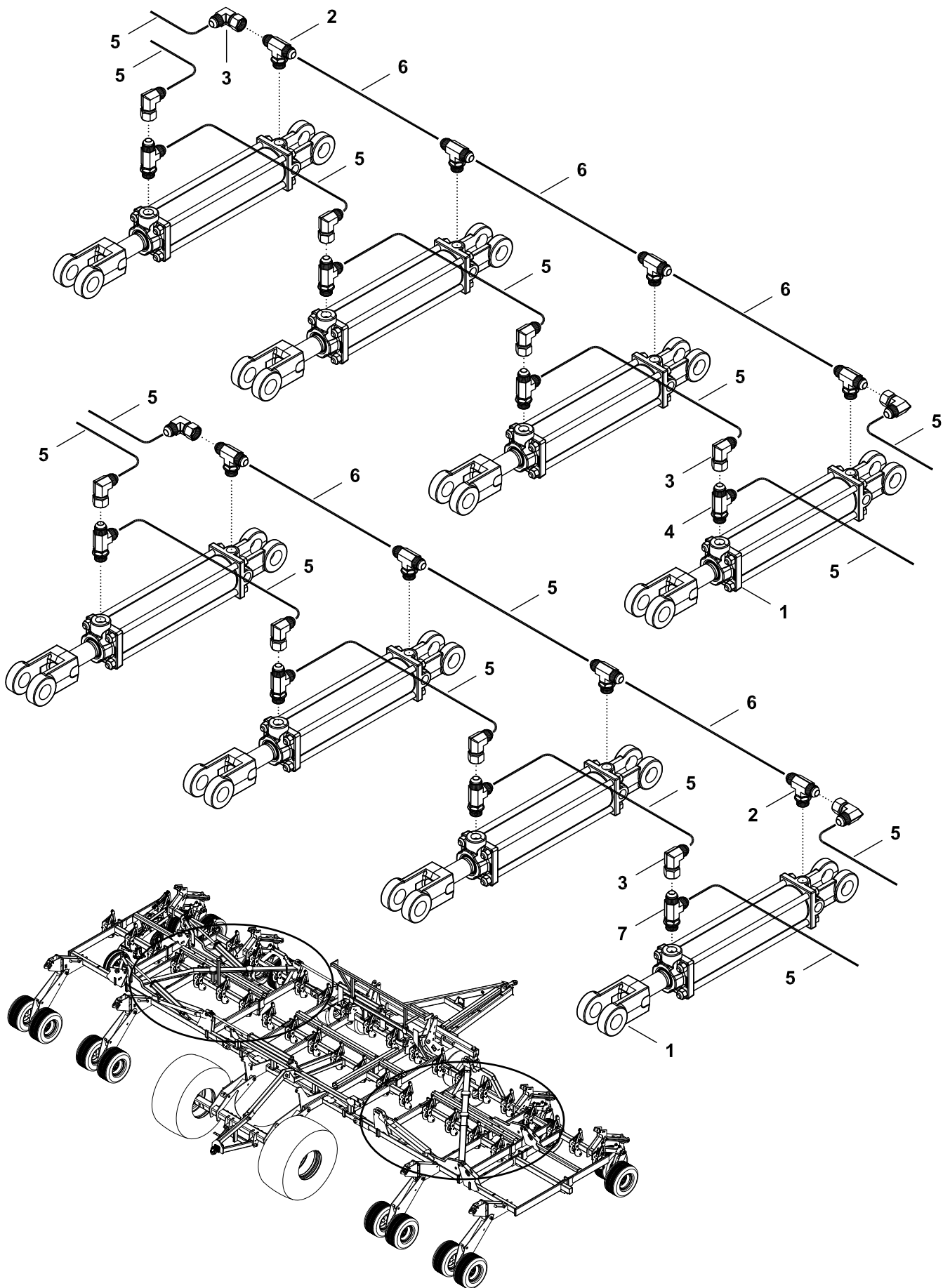
3. Parts **Down Pressure Hydraulics - Main Frame 61ft**



Down Pressure Hydraulics - Main Frame 61ft *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
1	321936	13	HYD CYL 2 X 8
2	56534	13	TEE 8MJ X 8MJ X 8MORB
3	25591	23	ELB 8MJ X 8FJX
4	A63015	4	TEE 8MJ X 8FJX X 8MJ
5	A63016	13	TEE 8MORB X 8MJ X 8MJ
6	A66606	21	HOSE: .50 X 046 8FJX-8FJX
7	A66607	9	HOSE: .50 X 029 8FJX-8FJX

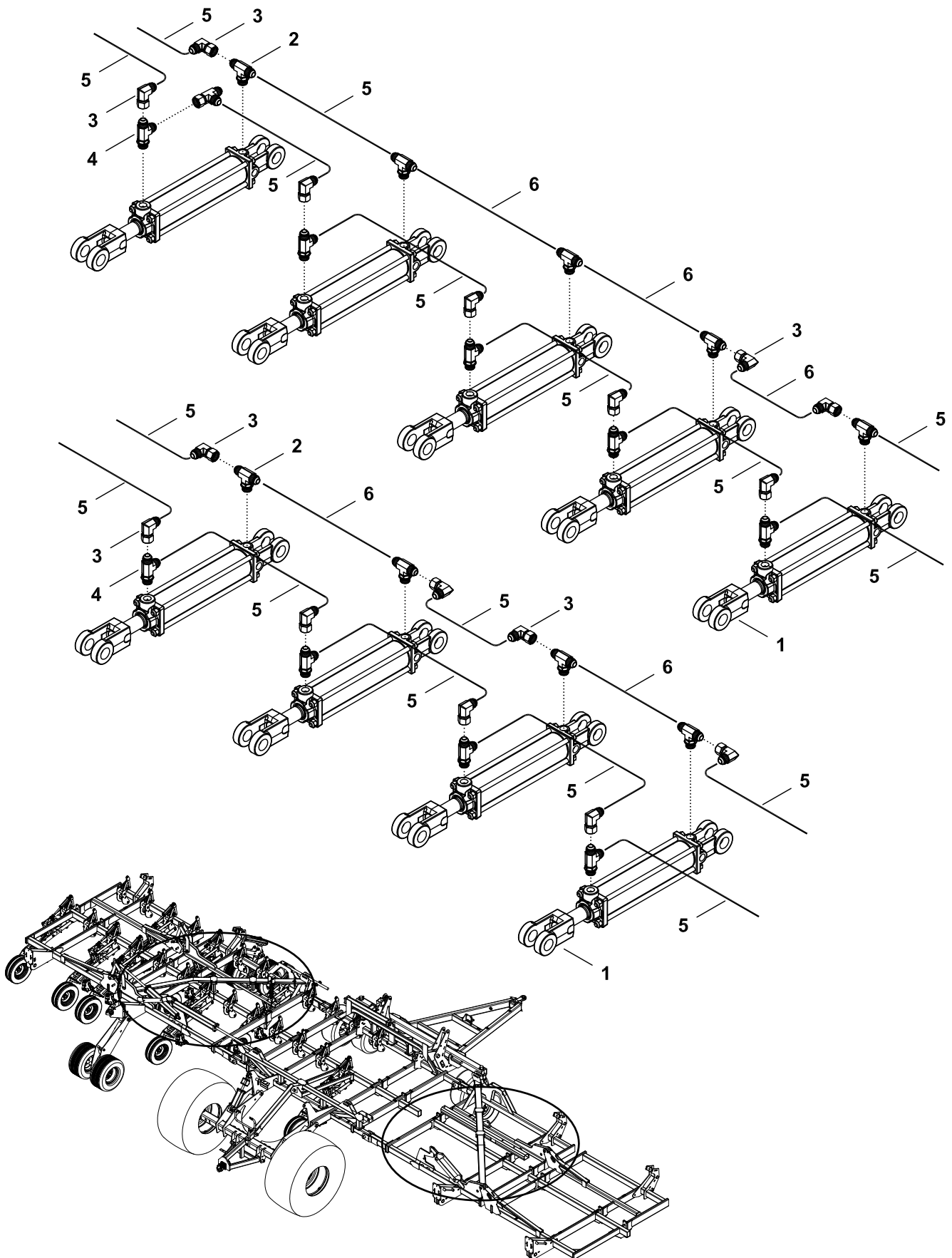
3. Parts **Down Pressure Hydraulics - Inner Wing 51ft**



Down Pressure Hydraulics - Inner Wing 51ft *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
1	321936	8	HYD CYL 2 X 8
2	56534	8	TEE 8MJ X 8MJ X 8MORB
3	25591	12	ELB 8MJ X 8FJX
4	A63016	4	TEE 8MORB X 8MJ X 8MJ
5	A66606	15	HOSE: .50 X 046 8FJX-8FJX
6	A66607	5	HOSE: .50 X 029 8FJX-8FJX
7	A63015	4	TEE 8MJ X 8FJX X 8MJ

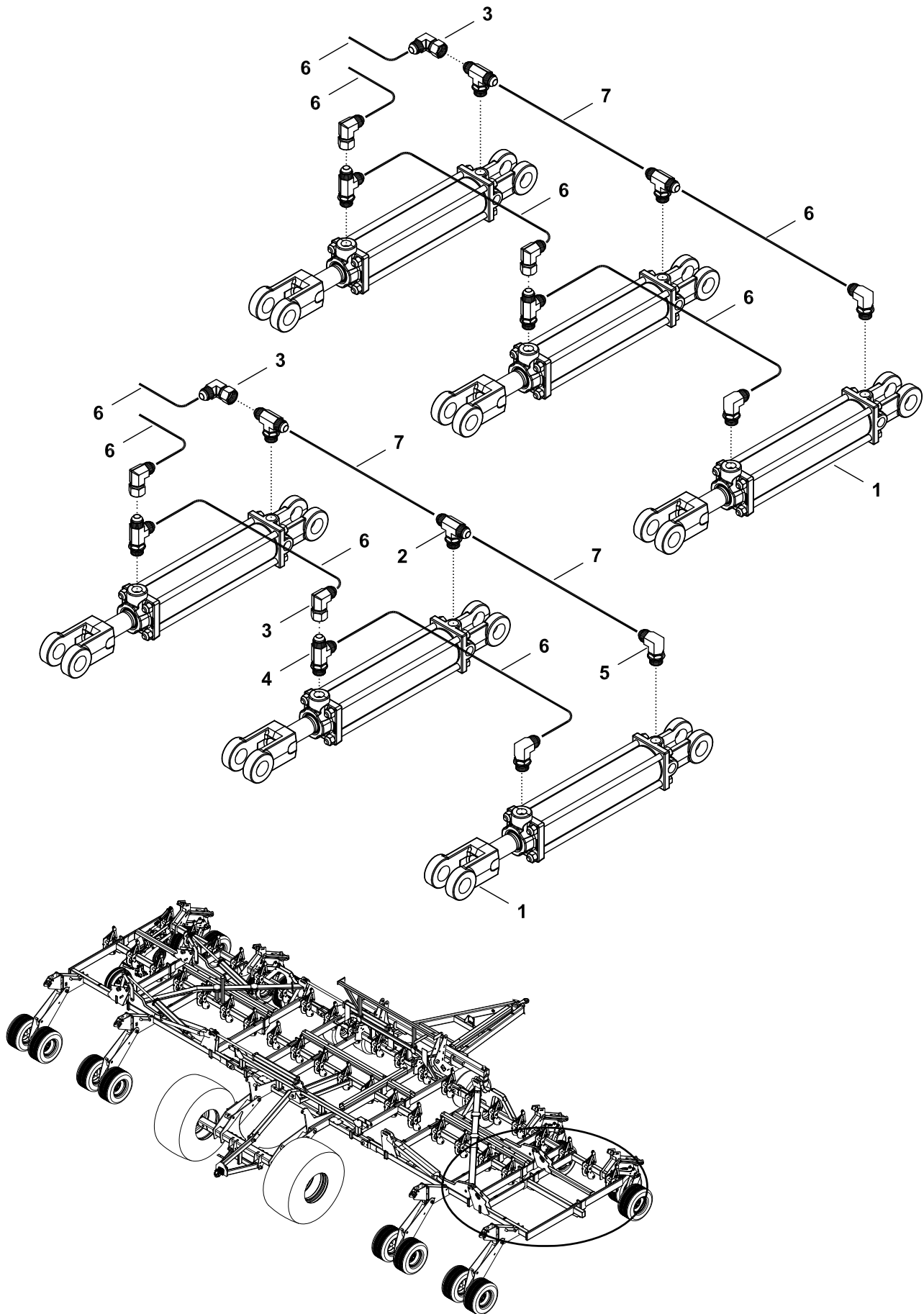
3. Parts **Down Pressure Hydraulics - Inner Wing 61ft**



Down Pressure Hydraulics - Inner Wing 61ft *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
1	321936	9	HYD CYL 2 X 8
2	56534	9	TEE 8MJ X 8MJ X 8MORB
3	25591	16	ELB 8MJ X 8FJX
4	A63016	9	TEE 8MORB X 8MJ X 8MJ
5	A66606	17	HOSE: .50 X 046 8FJX-8FJX
6	A66607	5	HOSE: .50 X 029 8FJX-8FJX

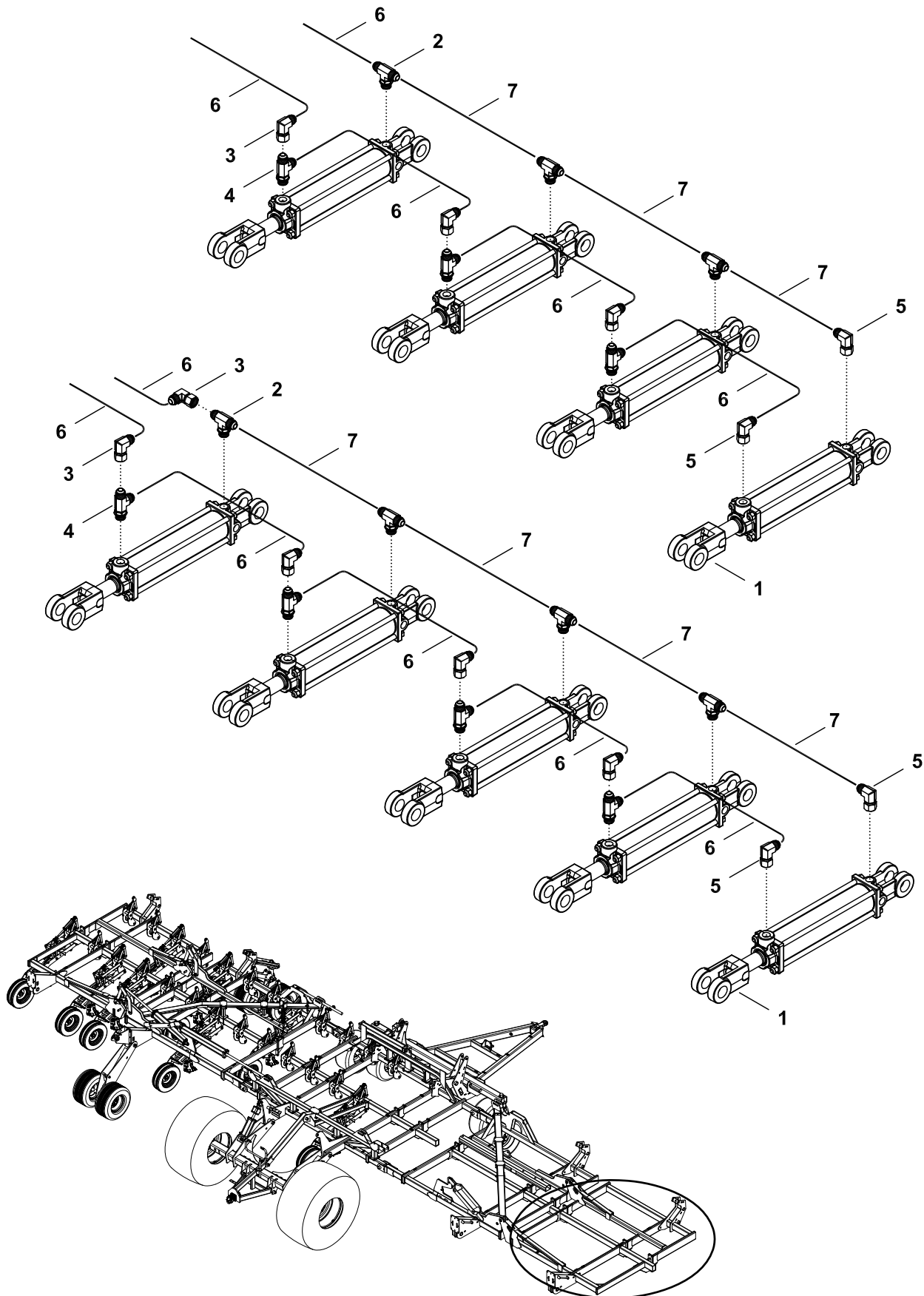
3. Parts **Down Pressure Hydraulics - Outer Wing 51ft**



Down Pressure Hydraulics - Outer Wing 51ft *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
1	321936	6	HYD CYL 2 X 8
2	56534	4	TEE 8MJ X 8MJ X 8MORB
3	25591	5	ELB 8MJ X 8FJX
4	A63016	4	TEE 8MORB X 8MJ X 8MJ
5	25580	4	ELB 8MORB X 8MJ
6	A66606	8	HOSE: .50 X 046 8FJX-8FJX
7	A66607	3	HOSE: .50 X 029 8FJX-8FJX

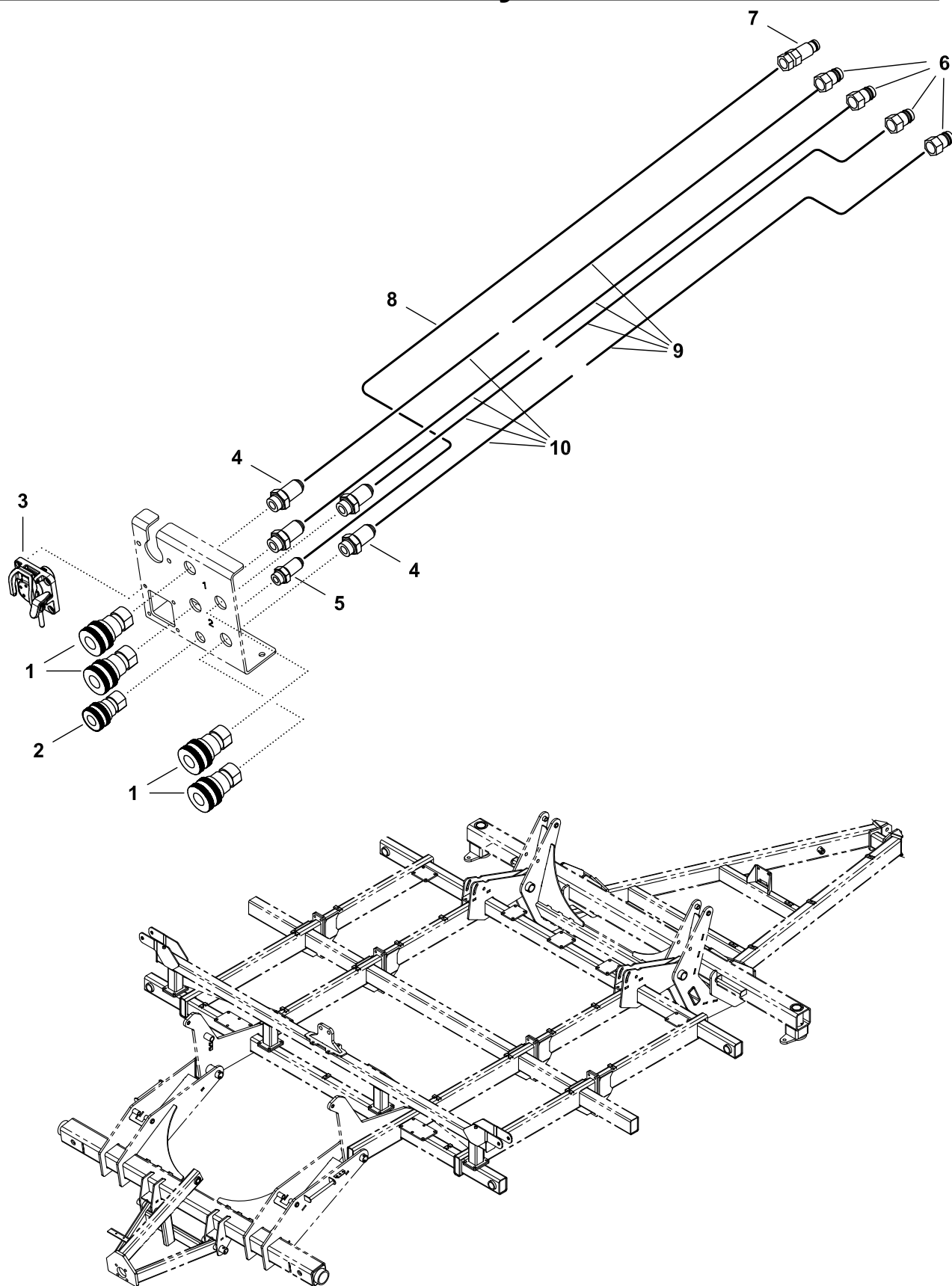
3. Parts **Down Pressure Hydraulics - Outer Wing 61ft**



Down Pressure Hydraulics - Outer Wing 61ft *3. Parts*

ITEM	PART NO.	QTY	DESCRIPTION
1	321936	9	HYD CYL 2 X 8
2	56534	7	TEE 8MJ X 8MJ X 8MORB
3	25591	8	ELB 8MJ X 8FJX
4	A63016	7	TEE 8MORB X 8MJ X 8MJ
5	25580	4	ELB 8MORB X 8MJ
6	A66606	11	HOSE: .50 X 046 8FJX-8FJX
7	A66607	7	HOSE: .50 X 029 8FJX-8FJX

Rear Hitch Hydraulics

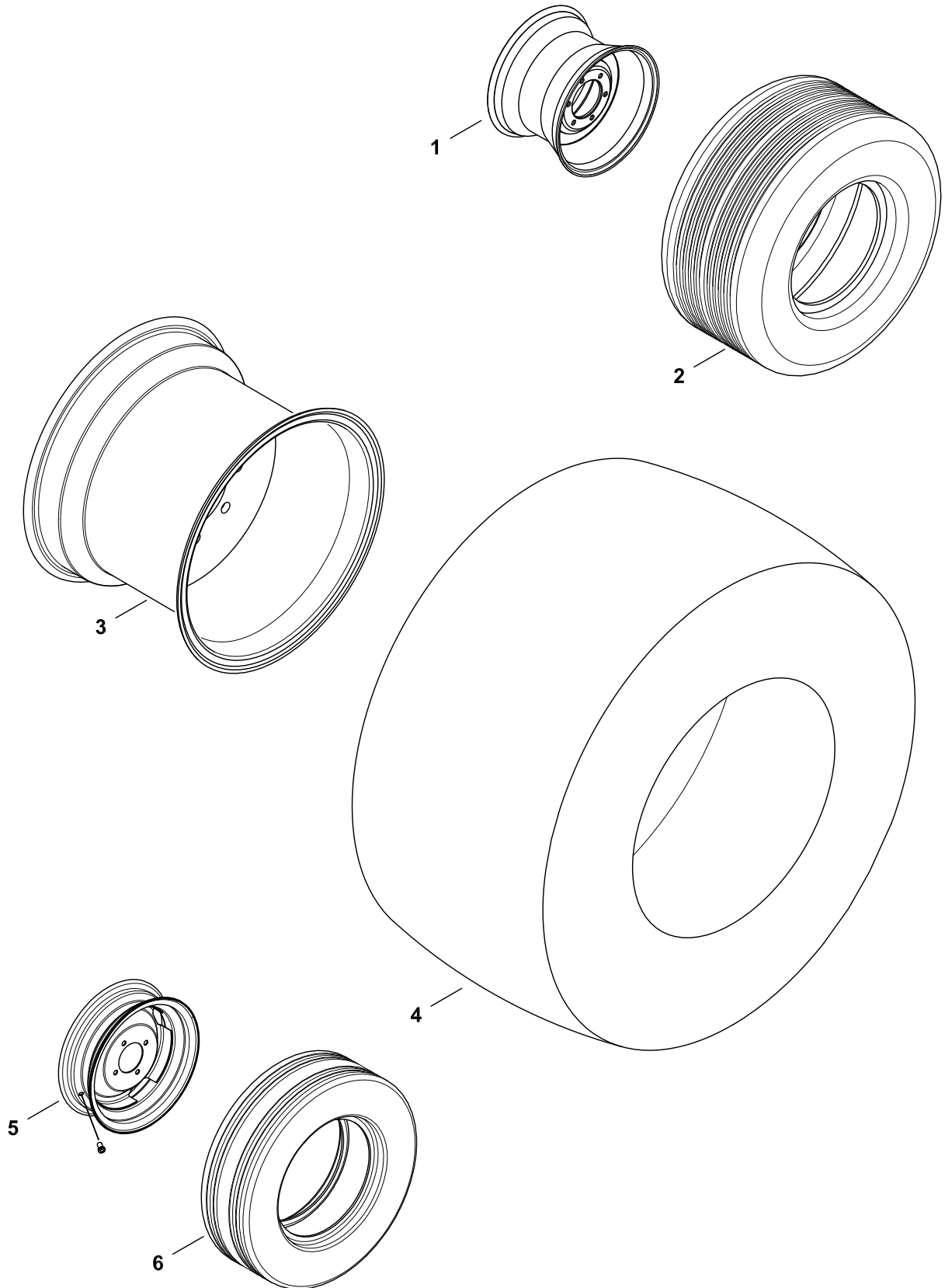


Rear Hitch Hydraulics

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
1	A37066	4	QUICK COUPLING-FEMALE -12-12 ORB
2	A37067	1	QUICK COUPLING-FEMALE -10-8 ORB
3	320196	1	CONNECTOR-ISO BOX IBBC (SLAVE)
4	A36190	4	FTG-BULKHEAD: 12MB-12MJ
5	A36191	1	FTG-BULKHEAD: 10MB-10MJ
6	A36291	4	QUICK COUPLER 8010-16P (#10 ORB)
7	A69119	1	FTG-CASE DRAIN 3/8 FLAT FACE
8	A36221	1	HOSE: .50 X 500 8MB-10FJX (8AX)
9	A36219	4	HOSE: .75 X 290 10MB-12MJ
10	A36220	4	HOSE: .75 X 210 12FJX-12FJX

Wheel Assemblies



Wheel Assemblies

3. Parts

ITEM	PART NO.	QTY	DESCRIPTION
	320362	4	WHL ASSY. 440/55R18IMP 159A8/B TL (BLACK), Inc. 1 & 2
	358660	16	WHL ASSY IF320/70R15 6B 10IN SILVER, Inc. 1 & 2
1	320383	1	RIM 14X18 W/HOLE (BLACK)
1	46714	1	RIM 15X10 6BOLT
2	320384	1	TIRE-440/55R18IMP 159A8/B TL (GY)
2	357987	1	TIRE IF320/70R15
	358956	1	TIRE AND RIM ASSY 900/60R32 LH, Inc. 3 & 4
	358955	1	TIRE AND RIM ASSY 900/60R32 RH, Inc. 3 & 4
3	358949	1	WHEEL - 32XDW30B
4	358954	1	TIRE - IF900/60R32CFO
	246792	41	WHL ASSY PACKER TIRE (7.75W), Inc. 5-7
5	241616	1	RIM PACKER 4.5X15 4 BOLT
6	246793	1	PACKER TIRE 26/7.75X15



1



2



3



4

Decals - Model

3. *Parts*

ITEM	PART NO.	QTY	DESCRIPTION
1	358967	1	DECAL-PSD 51
2	358968	1	DECAL-PSD 61
3	358970	2	DECAL-AMITY PRECISION SHANK
4	358969	3	DECAL-LEGACY EDITION

Decals - Safety



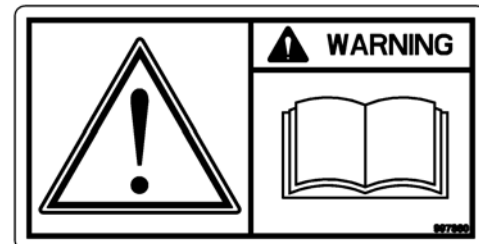
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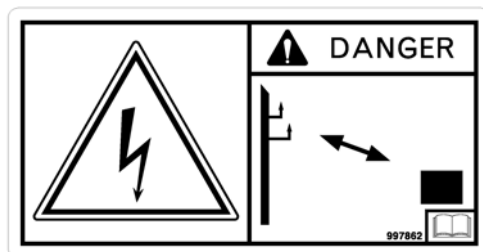
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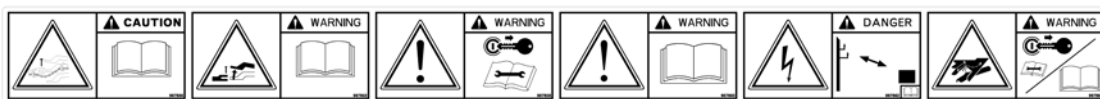
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Decals - Safety

3. Parts

ITEM	PART NO.	QTY	
1	9971018	1	DECAL SPEED SIGN 20 MILE/HR
2	22372	4	AMBER REFLECTOR
3	997854	1	DECAL FOLDING WINGS DANGER
4	997860	1	DECAL READ MANUAL WARNING
5	997862	1	DECAL HIGH VOLTAGE DANGER
6	997864	1	DECAL LOCKOUT WARNING
7	9971163	1	DECAL SAFETY SET