CrustBuster
SPEED KING INC.

P.O. Box 526 - Spearville, Kansas 67876 - (620) 227-7106

# 4550 Drill

## Repair Parts

OPERATION • MAINTENANCE • REPAIR PARTS

*#615997-2016*

# Identification

Your CrustBuster® drill is identified by a Serial Number and Model Number. Record these numbers in the spaces provided in this manual and refer to them when ordering parts or requesting service.

| Serial Number | Model Number |
|---|---|
| | |

# Warranty

**WARRANTY**: In addition to the implied warranties of fitness and of merchantability, CrustBuster®/Speed King, Inc. warrants new products sold by it to be free from defects in workmanship and material for a period of 12 months, from the date of delivery to the first user customer. Warranty on purchased parts (cylinder, blades, bearings, shanks, etc.) will be the same as that offered by the appropriate manufacturer of these parts.

**EXCLUSIONS**: No warranty of any kind is made by CrustBuster®/Speed King, Inc. with regard to new products which have been subject to operation in excess of recommended capacities, misuse, abuse, negligence, or accident, or have been altered or repaired in any manner not authorized by CrustBuster®/Speed King, Inc. CrustBuster®/Speed King, Inc. is constantly striving to improve its products. Changes in design and improvement will be made whenever CrustBuster®/Speed King, Inc. believes the efficiency of its products will be improved thereby, but without incurring any obligation to incorporate such improvements in any products which have been shipped or are in service. No obligation exists for compensation of unauthorized repairs or modifications without prior approval. And in no event will CrustBuster®/Speed King, Inc. be liable for consequential damages, such as but not limited to: downtime, delayed or late tillage or planting, etc.

**WARRANTY REGISTRATION**: This warranty is not valid unless registered with CrustBuster®/Speed King, Inc. within 10 days from the date of purchase. It is the sole responsibility of the selling retail dealer to fill out the registration forms and see that they are properly filed with CrustBuster®/Speed King, Inc.

**WARRANTY PROCEDURE**: Should any part fail to conform with this warranty, CrustBuster®/Speed King, Inc. will repair or replace the part or parts which do not conform. If a part is defective, take it to your authorized CrustBuster® Farm Equipment Dealer immediately, along with your warranty registration, and complete the proper forms requesting a warranty adjustment. Our representative will pick up the part to be returned to the factory for examination. If the customer (first user) requests that a new part be substituted for the old part, a new part will be charged to the dealer who will in turn charge the customer. If the part is found by us to be defective, a credit for the part will be given to the dealer to be passed on to the customer. If the dealer or customer wishes to repair the part, this will be done only if authorized by CrustBuster®/Speed King, Inc. This warranty procedure is in addition to all remedies authorized by law.

CRUSTBUSTER®/SPEED KING, INC.
Box 526
Spearville, KS 67876

Specifications are subject to change without notice. CrustBuster ® is a registered trademark of CrustBuster/Speed King, Inc.

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**BE A SAFE OPERATOR**
**BY THINKING BEFORE ACTING**
**AND**
**BY READING**
**YOUR OWNER'S MANUAL**

# Avoid Accidents

Most accidents, whether they occur in industry, on the farm, at home, or on the highway, are caused by the failure of some individual to follow simple and fundamental safety rules or precautions. For this reason most accidents can be prevented by recognizing the real cause and doing something about it before the accident occurs.

———————

Regardless of the care used in the design and construction of any type of equipment, there are many conditions that cannot be completely safeguarded against without interfering with reasonable accessibility and efficient operation.

A CAREFUL OPERATOR
is the Best Insurance Against an Accident.
The complete observance of one simple rule
would prevent many thousands
of serious injuries each year.

That rule is:

**Never Attempt to**
**Clean, Oil, or Adjust**
**A Machine While It Is In Motion.**

# To Our Customers

The following pages and illustrations are printed to help supply you with the knowledge to better operate and service your new CrustBuster equipment.

We are proud to have you as a customer and feel you will be proud to be a CrustBuster owner.

Any piece of equipment needs, and must have, a certain amount of service and maintenance to keep it in top running condition. We have attempted to cover all the adjustments required to fit most conditions; however, there may be times when special care must be taken to fit a condition.

Study this owner's manual carefully and become acquainted with all the adjustments and operating procedures before attempting to operate your new equipment. Remember, it is a machine and has been designed and tested to do an efficient job in most operating conditions and will perform in relation to the services it receives.

If special attention is required for some condition, ask your CrustBuster dealer; he will be glad to help and answer any questions on operations and service of your new machine.

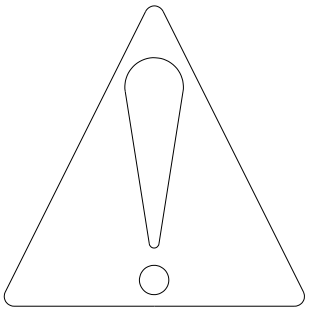
# TAKE TIME FOR SAFETY

# Safety

## RECOGNIZE SAFETY INFORMATION

THIS IS THE SAFETY-ALERT SYMBOL. WHEN YOU SEE THIS SYMBOL ON YOUR MACHINE OR IN THIS MANUAL, BE ALERT TO THE POTENTIAL FOR PERSONAL INJURY.

FOLLOW RECOMMENDED PRECAUTIONS AND SAFE OPERATING PRACTICES.



## UNDERSTAND SIGNAL WORDS

A SIGNAL WORD-DANGER, WARNING, OR CAUTION-IS USED WITH THE SAFETY-ALERT SYMBOL. DANGER IDENTIFIES THE MOST SERIOUS HAZARDS.

DANGER OR WARNING SAFETY SIGNS ARE LOCATED NEAR SPECIFIC HAZARDS. GENERAL PRECAUTIONS ARE LISTED ON CAUTION SAFETY SIGNS. CAUTION ALSO CALLS ATTENTION TO SAFETY MESSAGES IN THIS MANUAL.

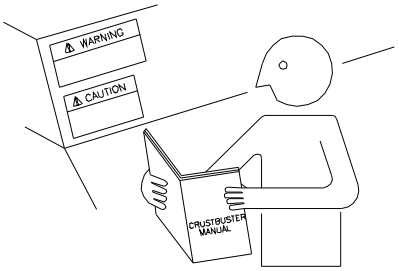
DANGER

WARNING

CAUTION

## FOLLOW SAFETY INSTRUCTIONS

CAREFULLY READ ALL SAFETY MESSAGES IN THIS MANUAL AND ON YOUR MACHINE SAFETY SIGNS. KEEP SAFETY SIGNS IN GOOD CONDITION. REPLACE MISSING OR DAMAGED SAFETY SIGNS. BE SURE NEW EQUIPMENT COMPONENTS AND REPAIR PARTS INCLUDE THE CURRENT SAFETY SIGNS. REPLACEMENT SAFETY SIGNS ARE AVAILABLE FROM YOUR CRUSTBUSTER DEALER.




LEARN HOW TO OPERATE THE MACHINE AND HOW TO USE CONTROLS PROPERLY. DO NOT LET ANYONE OPERATE WITHOUT INSTRUCTION.

KEEP YOUR MACHINE IN PROPER WORKING CONDITION. UNAUTHORIZED MODIFICATIONS TO THE MACHINE MAY IMPAIR THE FUNCTION AND/OR SAFETY AND AFFECT MACHINE LIFE.

IF YOU DO NOT UNDERSTAND ANY PART OF THIS MANUAL AND NEED ASSISTANCE, CONTACT YOUR CRUSTBUSTER DEALER.

DANGER: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. **DANGER**

WARNING: Indicates a hazardous situation which, if not avoided, could result in death or serious injury. **WARNING**

CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. **CAUTION**

NOTICE: Used to address practices not related to physical injury. **NOTICE**

# Safety

## OPERATE SAFELY

DO NOT OPERATE DRILL WITH MORE THEN ONE PERSON ON THE TRACTOR.

DO NOT ALLOW ANYONE TO RIDE ON THE DRILL.

DO NOT OPERATE CLOSE TO A DITCH OR CREEK.

DRIVE SLOWLY OVER ROUGH GROUND.

SHIFT THE TRACTOR INTO A LOWER GEAR WHEN OPERATING ON STEEP SLOPES.

IF YOUR TRACTOR IS EQUIPPED WITH A ROLL-GUARD SAFETY CANOPY AND A SEAT BELT, BE SURE TO KEEP YOUR SEAT BELT FASTENED WHEN OPERATING OR TRANSPORTING THE DRILL.

HANDLE AND APPLY CHEMICALLY TREATED SEEDS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. PROPERLY DISPOSE OF UNUSED TREATED SEEDS AND THEIR CONTAINERS.

ALWAYS SHUT OFF TRACTOR ENGINE AND SHIFT TO PARK WHEN LEAVING TRACTOR. REMOVE KEY WHEN LEAVING TRACTOR UNATTENDED.

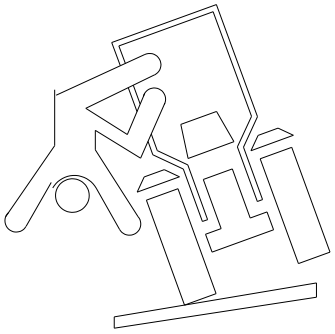
## AVOID TIP-OVERS

USE A SEAT BELT UNDER ALMOST ALL OPERATING CONDITIONS.

AVOID HOLES, DITCHES, AND OBSTRUCTIONS WHICH MAY CAUSE THE MACHINE TO TIP, ESPECIALLY ON HILLSIDES.

NEVER DRIVE NEAR THE EDGE OF A GULLY OR STEEP EMBANKMENT-IT MIGHT CAVE IN.

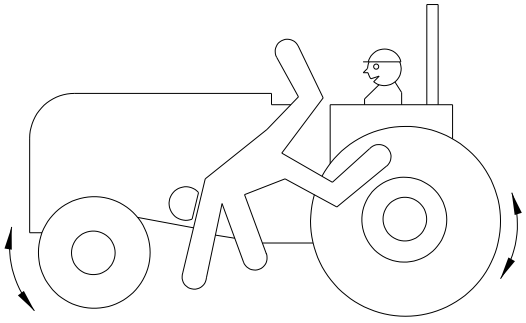
SLOW DOWN FOR HILLSIDES, ROUGH GROUND, AND SHARP TURNS.



## KEEP RIDERS OFF MACHINE

ONLY ALLOW THE OPERATOR ON THE MACHINE. KEEP RIDERS OFF.

RIDERS ON MACHINE ARE SUBJECT TO INJURY SUCH AS BEING STRUCK BY FOREIGN OBJECTS AND BEING THROWN OFF OF THE MACHINE. RIDERS ALSO OBSTRUCT THE OPERATOR'S VIEW RESULTING IN THE MACHINE BEING OPERATED IN AN UNSAFE MANNER.



# Safety

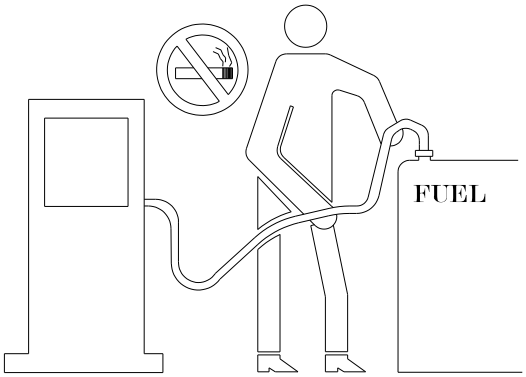
## HANDLE FUEL SAFELY - AVOID FIRES

HANDLE FUEL WITH CARE: IT IS HIGHLY FLAMMABLE.

DO NOT REFUEL THE MACHINE WHILE SMOKING OR WHEN NEAR OPEN FLAME OR SPARKS.

ALWAYS STOP ENGINE BEFORE REFUELING MACHINE. FILL FUEL TANK OUTDOORS.

PREVENT FIRES BY KEEPING MACHINE CLEAN OF ACCUMULATED TRASH, GREASE, AND DEBRIS. ALWAYS CLEAN UP SPILLED FUEL.

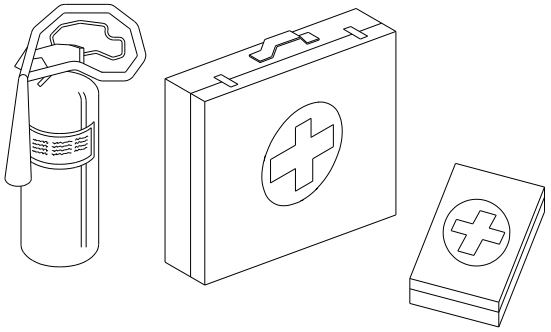



## PREPARE FOR EMERGENCIES

BE PREPARED IF A FIRE STARTS.

KEEP A FIRST AID KIT AND FIRE EXTINGUISHER HANDY.

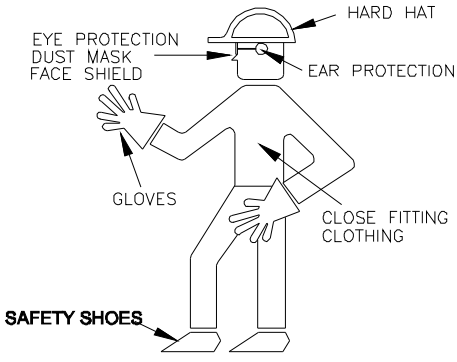
KEEP EMERGENCY NUMBERS FOR DOCTORS, AMBULANCE SERVICE, HOSPITAL, AND FIRE DEPARTMENT NEAR YOUR TELEPHONE.



## WEAR PROTECTIVE CLOTHING

**WEAR CLOSE FITTING CLOTHING AND SAFETY EQUIPMENT APPROPRIATE TO THE JOB.**

**OPERATING EQUIPMENT SAFELY REQUIRES THE FULL ATTENTION OF THE OPERATOR. DO NOT WEAR RADIO OR MUSIC HEADPHONES WHILE OPERATING MACHINE.**

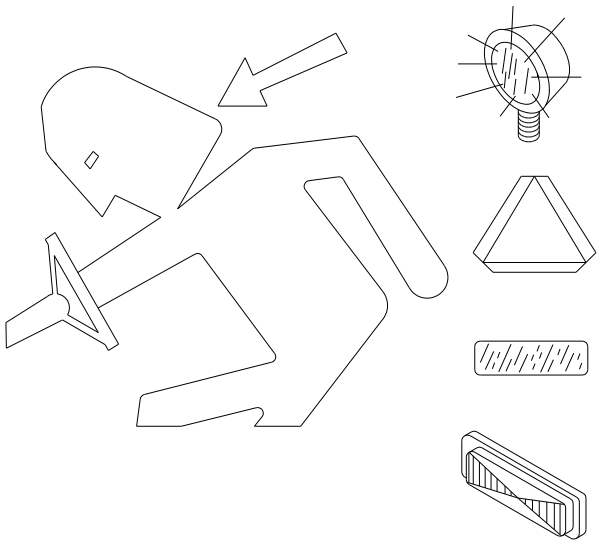


# Safety

## USE SAFETY LIGHTS AND DEVICES

PREVENT COLLISIONS BETWEEN OTHER ROAD USERS, SLOW MOVING TRACTORS WITH ATTACHMENT OR TOWED EQUIPMENT, AND SELF-PROPELLED MACHINES ON PUBLIC ROADS. FREQUENTLY CHECK FOR TRAFFIC FROM THE REAR, ESPECIALLY IN TURNS, AND USE HAND SIGNALS OR TURN SIGNAL LIGHTS.

USE HEADLIGHTS, FLASHING WARNING LIGHTS, AND TURN SIGNALS DAY AND NIGHT. FOLLOW LOCAL REGULATIONS FOR EQUIPMENT LIGHTING AND MARKING. KEEP LIGHTING AND MARKING VISIBLE AND IN GOOD WORKING ORDER. REPLACE OR REPAIR LIGHTING AND MARKING THAT HAS BEEN DAMAGED OR LOST. AN IMPLEMENT SAFETY LIGHTING KIT IS AVAILABLE FROM YOUR CRUSTBUSTER DEALER.

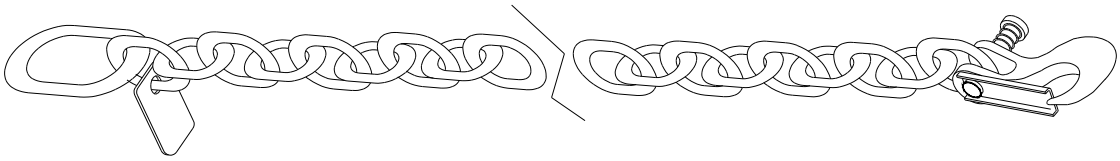


## USE A SAFETY CHAIN

A SAFETY CHAIN WILL HELP CONTROL DRAWN EQUIPMENT SHOULD IT ACCIDENTLLY SEPERATE FROM THE DRAWBAR.

ATTACH THE SAFETY CHAIN TO THE TRACTOR DRAWBAR SUPPORT OR OTHER SPECIFIED ANCHOR LOCATION. PROVIDE ONLY ENOUGH SLACK IN THE CHAIN TO PERMIT TURNING.

SEE YOUR CRUSTBUSTER DEALER FOR A CHAIN WITH A STRENGTH RATING EQUAL TO OR GREATER THEN THE GROSS WEIGHT OF THE TOWED MACHINE. DO NOT USE SAFETY CHAIN FOR TOWING.



# Safety

## TRANSPORT SAFELY

KNOW THE TRANSPORT HEIGHT AND HEIGHT OF OVERHEAD WIRES.

ALWAYS RAISE THE FRONT JACK STAND BEFORE TRANSPORTING.

RAISE OPENERS FULLY.

SHIFT THE TRACTOR INTO A LOWER GEAR WHEN TRANSPORTING DOWN STEEP SLOPES OR HILLS.

DO NOT TRANSPORT UNLESS THE GRAIN DRILL REFLECTORS, LIGHTS AND SMV EMBLEM ARE EASILY VISIBLE FROM THE REAR.

NEVER TRANSPORT THE GRAIN DRILL FASTER THAN 24 KM/H (15 MPH). REDUCE SPEED WHEN TRAVELING OVER ROUGH GROUND.

DO NOT TRANSPORT DRILL WITH GRAIN IN BOX.

## TOW LOADS SAFELY

STOPPING DISTANCE INCREASES WITH SPEED AND WEIGHT OF TOWED LOADS, AND ON SLOPES. TOWED LOADS WITH OR WITHOUT BRAKES THAT ARE TOO HEAVY FOR THE TRACTOR OR ARE TOWED TOO FAST CAN CAUSE LOSS OF CONTROL. CONSIDER THE TOTAL WEIGHT OF THE EQUIPMENT AND ITS LOAD.

OBSERVE RECOMMENDED MAXIMUM ROAD SPEEDS, OR LOCAL SPEED LIMITS WHICH MAY BE LOWER.

IF TOWED EQUIPMENT DOES NOT HAVE BRAKES, DO NOT TRAVEL MORE THAN 24 KM/H (15 MPH) AND DO NOT TOW LOADS MORE THAN 1.5 TIMES THE TRACTOR WEIGHT.

IF TOWED EQUIPMENT HAS BRAKES, DO NOT TRAVEL MORE THAN 40 KM/H (25 MPH) AND DO NOT TOW LOADS MORE THAN 4.5 TIMES THE TRACTOR WEIGHT.

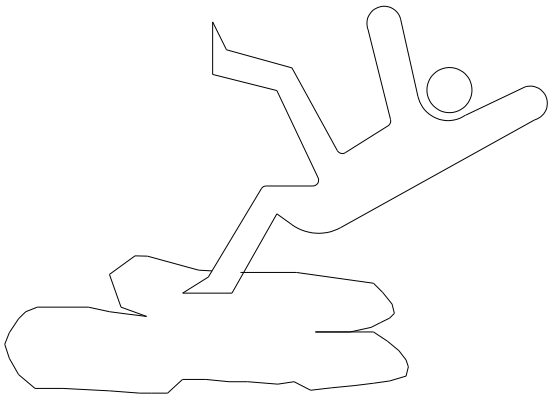
ENSURE THE LOAD DOES NOT EXCEED THE RECOMMENDED WEIGHT RATIO. ADD BALLAST TO RECOMMENDED MAXIMUM FOR TRACTOR, LIGHTEN THE LOAD, OR GET A HEAVIER TOWING UNIT. THE TRACTOR MUST BE HEAVY AND POWERFUL ENOUGH WITH ADEQUATE BRAKING POWER FOR THE TOWED LOAD. USE ADDITIONAL CAUTION WHEN TOWING LOADS UNDER ADVERSE SURFACE CONDITIONS, WHEN TURNING, AND ON INCLINES.

# Safety

## PRACTICE SAFE MAINTENANCE

UNDERSTAND SERVICE PROCEDURE BEFORE DOING WORK. KEEP AREA CLEAN AND DRY.

NEVER LUBRICATE, SERVICE, OR ADJUST MACHINE WHILE IT IS MOVING. KEEP HANDS, FEET, AND CLOTHING FROM POWER DRIVEN PARTS. DISENGAGE ALL POWER AND OPERATE CONTROLS TO RELIEVE PRESSURE. LOWER EQUIPMENT TO THE GROUND. STOP THE ENGINE. REMOVE THE KEY. ALLOW MACHINE TO COOL.



SECURELY SUPPORT ANY MACHINE ELEMENTS THAT MUST BE RAISED FOR SERVICE WORK.

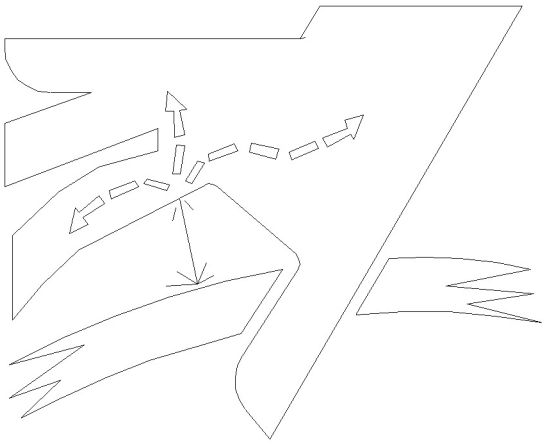
KEEP ALL PARTS IN GOOD CONDITION AND PROPERLY INSTALLED. FIX DAMAGE IMMEDIATELY. REPLACE WORN OR BROKEN PARTS. REMOVE ANY BUILDUP OF GREASE, OIL, OR DEBRIS.

DISCONNECT BATTERY GROUND CABLE (-) BEFORE MAKING ADJUSTMENTS ON ELECTRICAL SYSTEMS OR WELDING ON MACHINE.

## AVOID HIGH-PRESSURE FLUIDS

ESCAPING FLUID UNDER PRESSURE CAN PENETRATE THE SKIN CAUSING SERIOUS INJURY.

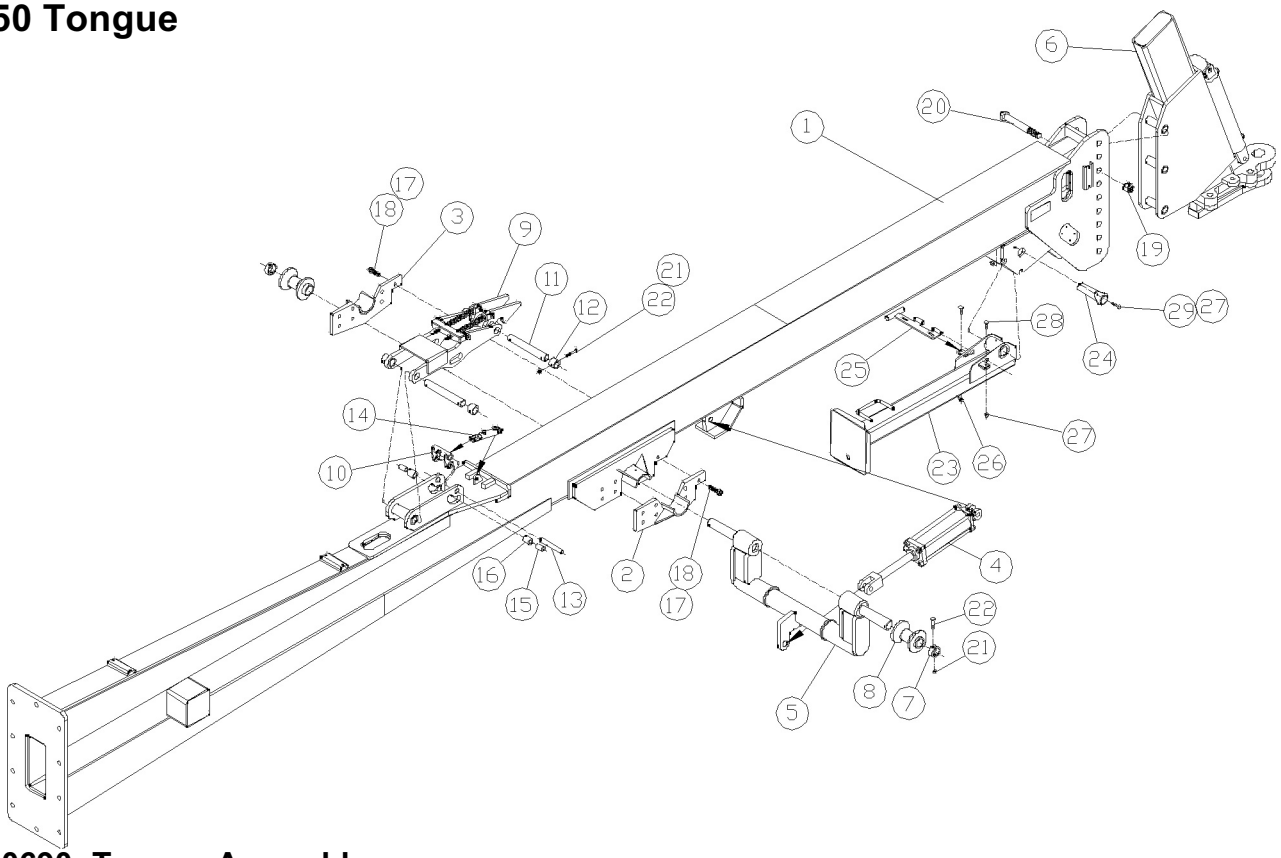
AVOID THE HAZARD BY RELIEVING PRESSURE BEFORE DISCONNECTING HYDRAULIC OR OTHER LINES. TIGHTEN ALL CONNECTIONS BEFORE APPLYING PRESSURE.



SEARCH FOR LEAKS WITH A PIECE OF CARDBOARD. PROTECT HANDS AND BODY FROM HIGH PRESSURE FLUIDS.

IF AN ACCIDENT OCCURS, SEE A DOCTOR IMMEDIATELY. ANY FLUID INJECTED IN THE SKIN MUST BE SURGICALLY REMOVED WITHIN A FEW HOURS OR GANGRENE MAY RESULT. DOCTORS UNFAMILIAR WITH THIS TYPE OF INJURY SHOULD REFERENCE A KNOWLEDGEABLE MEDICAL SOURCE.

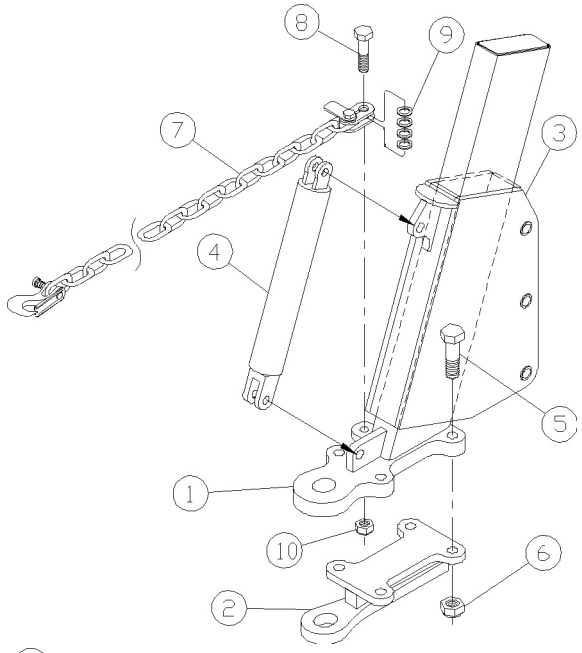
# 4550 Tongue




## #880690 -Tongue Assembly

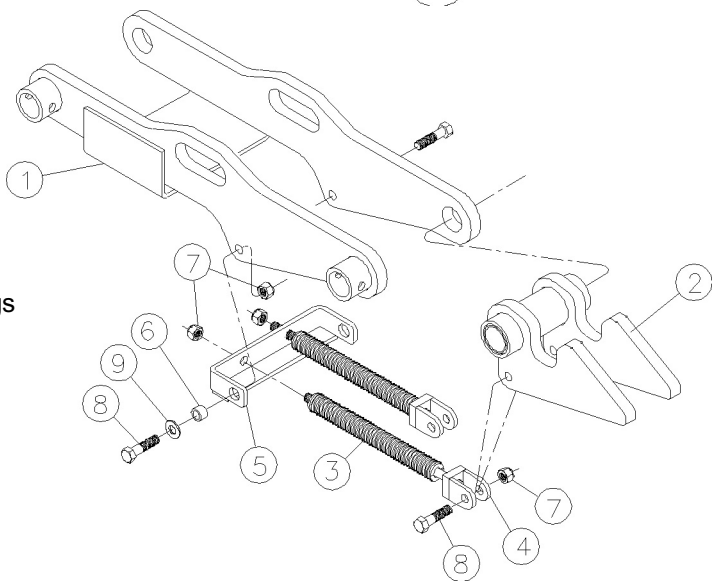
| Item | Qty | Part No. | Description |
|---|---|---|---|
| 1 | 1 | 977785 | Tongue |
| 2 | 1 | 957480 | Wing Carrier Right |
| 3 | 1 | 957779 | Wing Carrier Left |
| 4 | 1 | 469908 | Cylinder 5 x 10 |
| 5 | 1 | 977793 | Transport Lock |
| 6 | 1 | 879841 | Draw Bar Hitch |
| 7 | 2 | 150326 | Lock Collar |
| 8 | 2 | 957191 | Wing Carrier Roller |
| 9 | 1 | 880682 | Pull Bar Latch |
| 10 | 1 | 975631 | Pivot |
| 11 | 2 | 313742 | Latch Bar |
| 12 | 2 | 156836 | Lock Collar |
| 13 | 1 | 313759 | Pivot Shaft |
| 14 | 1 | 471854 | Cylinder 1 x 2 |
| 15 | 2 | 156851 | Pivot Bushing 3/4" |
| 16 | 2 | 156869 | Pivot Bushing 1 1/16" |
| 17 | 14 | 330136 | Nylock 3/4" |
| 18 | 14 | 335174 | HHCS 3/4" x 2½" |
| 19 | 3 | 338228 | Nylock 1 1/4" |
| 20 | 3 | 337360 | HHCS 1 1/4" x 10" |
| 21 | 6 | 331363 | Nylock ½" |
| 22 | 6 | 334946 | HHCS ½" x 3" |
| 23 | 1 | 978254 | Jack Stand |
| 24 | 1 | 978262 | Jack Stand Pin |
| 25 | 1 | 978270 | Lock Out |
| 26 | 1 | 334847 | Wing Nut 3/8" |
| 27 | 2 | 330837 | Nylock 3/8" |
| 28 | 2 | 335919 | Carriage Bolt 3/8" x 1 1/4" |
| 29 | 1 | 335703 | HHCS 3/8" x 1½" |

# 4550 Tongue




## #879841 -Draw Bar Hitch

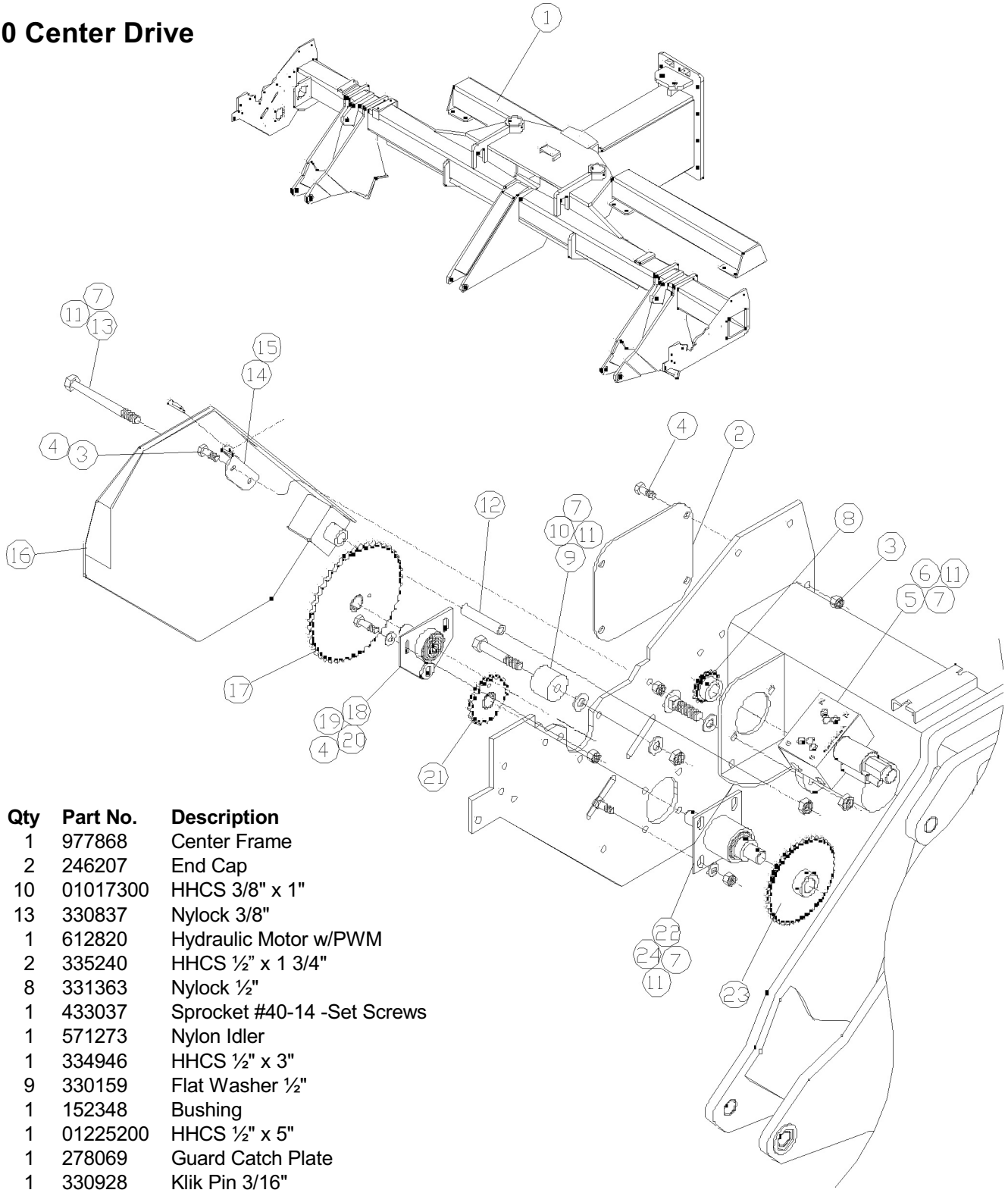
| Item | Qty | Part No. | Description |
|---|---|---|---|
| 1 | 1 | 976514 | Hitch Tube |
| 2 | 1 | 976530 | Dual Clevis |
| 3 | 1 | 976522 | Hitch Mount |
| 4 | 1 | 474148 | Cylinder 3½" x 19 |
| 5 | 4 | 333823 | HHCS 1 1/4" x 4½" |
| 6 | 4 | 338228 | Nylock 1 1/4" |
| 7 | 1 | 433953 | Safety Chain 41,000# |
| 8 | 1 | 334870 | HHCS 1" x 4" |
| 9 | 4 | 335166 | Machine Bushing 10ga x 1 x 1½" |
| 10 | 1 | 330597 | Nylock 1" |




## #880682 -Pull Bar Latch

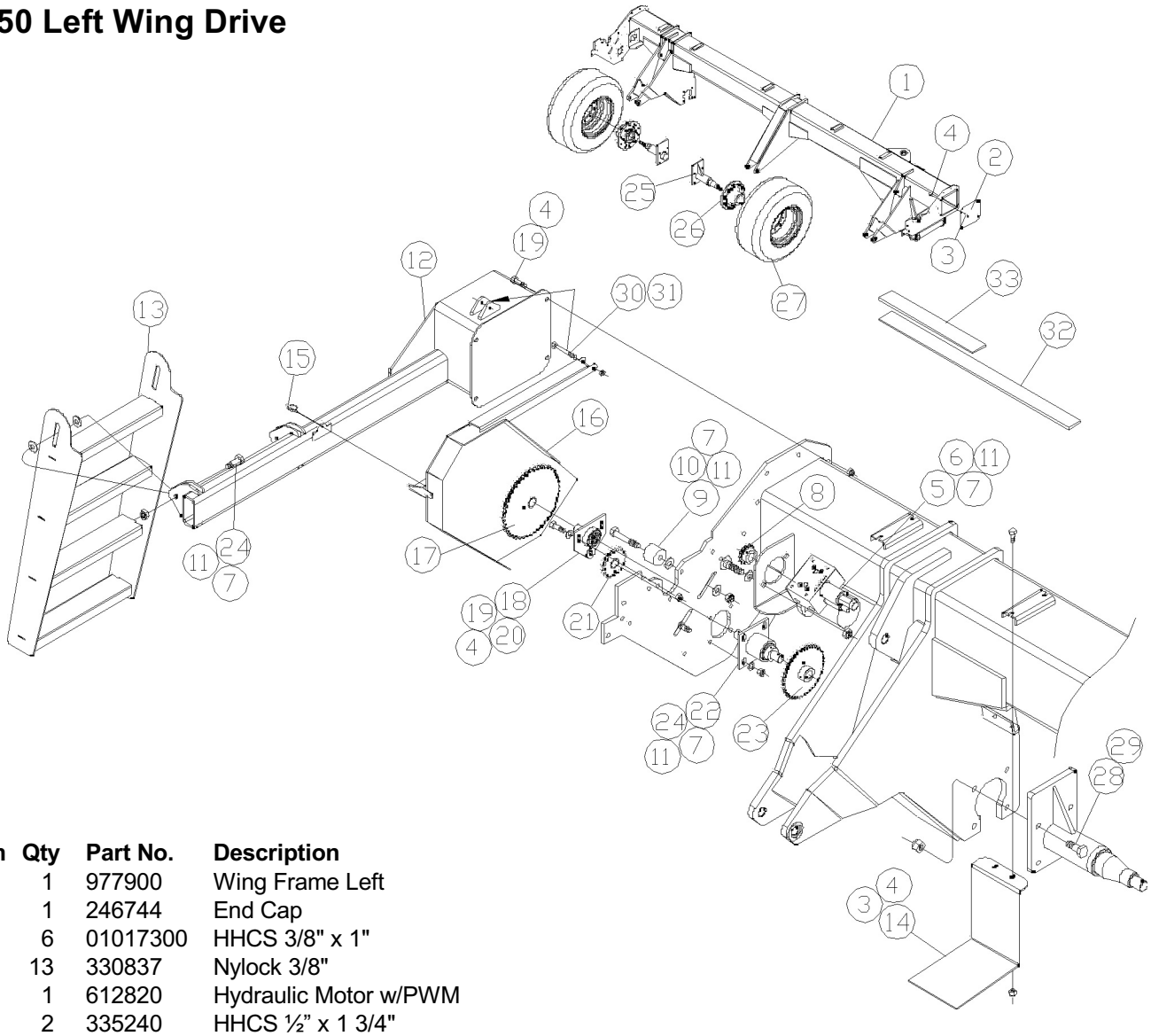
| Item | Qty | Part No. | Description |
|---|---|---|---|
| 1 | 1 | 975607 | Latch Arm |
| 2 | 1 | 642348 | Catch w/Spool and Bushings |
| 3 | 2 | 502567 | Spring 250# Die |
| 4 | 2 | 975615 | Guide |
| 5 | 1 | 975623 | Spring Retainer |
| 6 | 2 | 149732 | Spacer Spring |
| 7 | 6 | 331363 | Nylock ½" |
| 8 | 4 | 331926 | HHCS ½" x 2" |
| 9 | 2 | 330159 | Flat Washer ½" |

# 4550 Center Drive



| Item | Qty | Part No. | Description |
|---|---|---|---|
| 1 | 1 | 977868 | Center Frame |
| 2 | 2 | 246207 | End Cap |
| 3 | 10 | 01017300 | HHCS 3/8" x 1" |
| 4 | 13 | 330837 | Nylock 3/8" |
| 5 | 1 | 612820 | Hydraulic Motor w/PWM |
| 6 | 2 | 335240 | HHCS ½" x 1 3/4" |
| 7 | 8 | 331363 | Nylock ½" |
| 8 | 1 | 433037 | Sprocket #40-14 -Set Screws |
| 9 | 1 | 571273 | Nylon Idler |
| 10 | 1 | 334946 | HHCS ½" x 3" |
| 11 | 9 | 330159 | Flat Washer ½" |
| 12 | 1 | 152348 | Bushing |
| 13 | 1 | 01225200 | HHCS ½" x 5" |
| 14 | 1 | 278069 | Guard Catch Plate |
| 15 | 1 | 330928 | Klik Pin 3/16" |
| 16 | 1 | 977926 | Box Guard |
| 17 | 1 | 954362 | Sprocket 2050-44T-1" Hub |
| 18 | 1 | 865758 | Drive End Bearing Bracket |
| 19 | 3 | 01158500 | HHCS 3/8" x 1 1/4" |
| 20 | 3 | 330894 | Flat Washer 3/8" |
| 21 | 1 | 433003 | Sprocket #40-14T-1" Hub |
| 22 | 1 | 865089 | Drive Bracket Assembly |
| 23 | 1 | 970103 | Sprocket 2050-17T -1" Hub |
| 24 | 4 | 01147800 | HHCS ½" x 1½" |

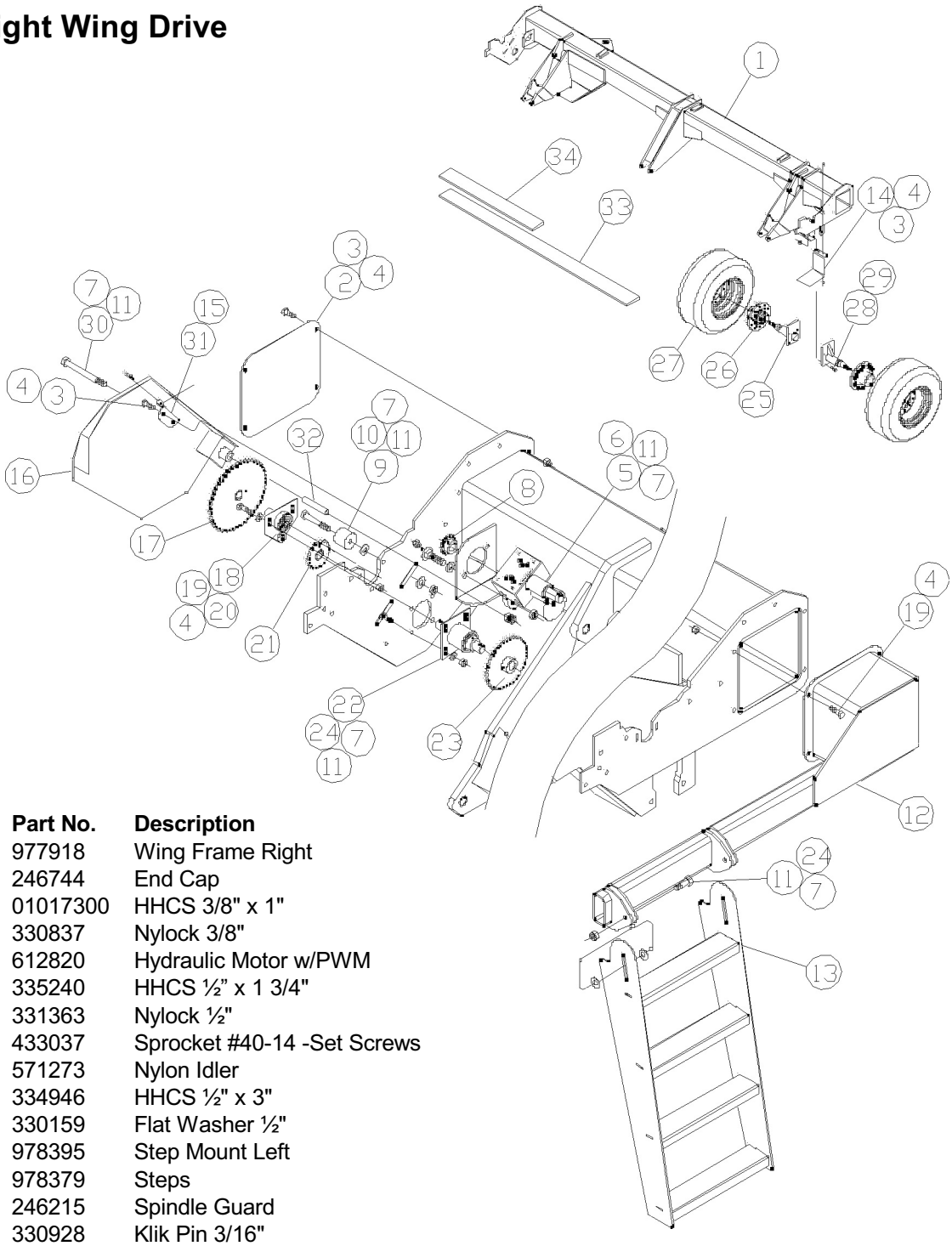
# 4550 Left Wing Drive




| Item | Qty | Part No. | Description |
|---|---|---|---|
| 1 | 1 | 977900 | Wing Frame Left |
| 2 | 1 | 246744 | End Cap |
| 3 | 6 | 01017300 | HHCS 3/8" x 1" |
| 4 | 13 | 330837 | Nylock 3/8" |
| 5 | 1 | 612820 | Hydraulic Motor w/PWM |
| 6 | 2 | 335240 | HHCS ½" x 1 3/4" |
| 7 | 9 | 331363 | Nylock ½" |
| 8 | 1 | 433037 | Sprocket #40-14 -Set Screws |
| 9 | 1 | 571273 | Nylon Idler |
| 10 | 1 | 334946 | HHCS ½" x 3" |
| 11 | 12 | 330159 | Flat Washer ½" |
| 12 | 1 | 978387 | Step Mount Left |
| 13 | 1 | 978379 | Steps |
| 14 | 1 | 246215 | Spindle Guard |
| 15 | 1 | 330928 | Klik Pin 3/16" |
| 16 | 1 | 978403 | Box Guard |
| 17 | 1 | 954362 | Sprocket 2050-44T-1" Hub |
| 18 | 1 | 865758 | Drive End Bearing Bracket |
| 19 | 7 | 01158500 | HHCS 3/8" x 1 1/4" |
| 20 | 3 | 330894 | Flat Washer 3/8" |
| 21 | 1 | 433003 | Sprocket #40-14T-1" Hub |
| 22 | 1 | 865089 | Drive Bracket Assembly |
| 23 | 1 | 970103 | Sprocket 2050-17T -1" Hub |
| 24 | 6 | 01147800 | HHCS ½" x 1½" |
| 25 | 2 | 977934 | Wing Wheel Spindle |
| 26 | 2 | 551358 | Hub 873 10Bolt Complete |
| 27 | 2 | 531715 | Tire Mounted 440/55R18-14" |

| Item | Qty | Part No. | Description |
|---|---|---|---|
| 28 | 8 | 01146000 | HHCS 5/8" x 1 3/4" |
| 29 | 8 | 01572700 | Nylock 5/8" |
| 30 | 1 | 331710 | HHCS 5/16" x 2½" |
| 31 | 1 | 331611 | Nylock 5/16" |
| 32 | 9 | 246942 | Weigh Bar 1 x 8 x 120" |
| 33 | 9 | 246959 | Weigh Bar 1 x 8 x 59½" |

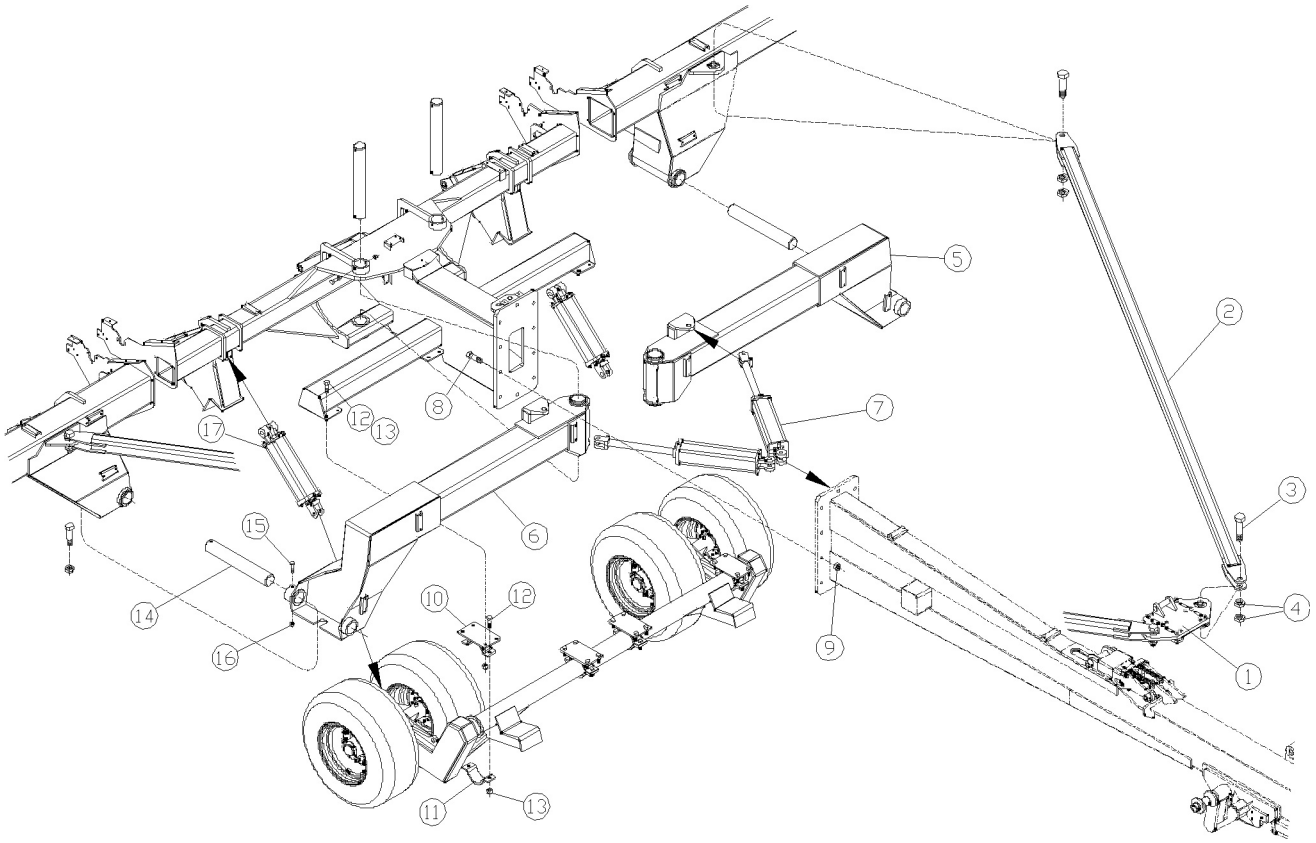
# 4550 Right Wing Drive



| Item | Qty | Part No. | Description |
|---|---|---|---|
| 1 | 1 | 977918 | Wing Frame Right |
| 2 | 1 | 246744 | End Cap |
| 3 | 8 | 01017300 | HHCS 3/8" x 1" |
| 4 | 15 | 330837 | Nylock 3/8" |
| 5 | 1 | 612820 | Hydraulic Motor w/PWM |
| 6 | 2 | 335240 | HHCS ½" x 1 3/4" |
| 7 | 9 | 331363 | Nylock ½" |
| 8 | 1 | 433037 | Sprocket #40-14 -Set Screws |
| 9 | 1 | 571273 | Nylon Idler |
| 10 | 1 | 334946 | HHCS ½" x 3" |
| 11 | 13 | 330159 | Flat Washer ½" |
| 12 | 1 | 978395 | Step Mount Left |
| 13 | 1 | 978379 | Steps |
| 14 | 1 | 246215 | Spindle Guard |
| 15 | 1 | 330928 | Klik Pin 3/16" |
| 16 | 1 | 977926 | Box Guard |
| 17 | 1 | 954362 | Sprocket 2050-44T-1" Hub |
| 18 | 1 | 865758 | Drive End Bearing Bracket |
| 19 | 7 | 01158500 | HHCS 3/8" x 1 1/4" |
| 20 | 3 | 330894 | Flat Washer 3/8" |
| 21 | 1 | 433003 | Sprocket #40-14T-1" Hub |
| 22 | 1 | 865089 | Drive Bracket Assembly |
| 23 | 1 | 970103 | Sprocket 2050-17T -1" Hub |
| 24 | 6 | 01147800 | HHCS ½" x 1½" |
| 25 | 2 | 977934 | Wing Wheel Spindle |
| 26 | 2 | 551358 | Hub 873 10Bolt Complete |
| 27 | 2 | 531715 | Tire Mounted 440/55R18-14" |

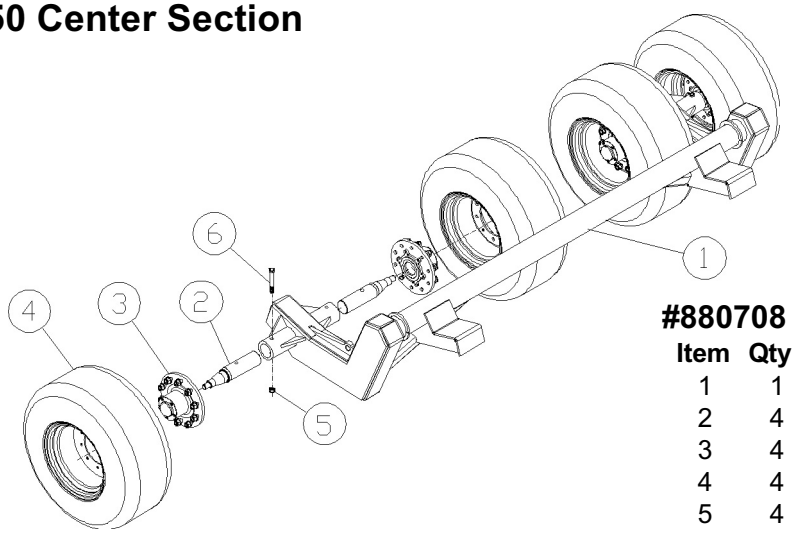
| Item | Qty | Part No. | Description |
|---|---|---|---|
| 28 | 8 | 01146000 | HHCS 5/8" x 1 3/4" |
| 29 | 8 | 01572700 | Nylock 5/8" |
| 30 | 1 | 01225200 | HHCS ½" x 5" |
| 31 | 1 | 278069 | Guard Catch Plate |
| 32 | 1 | 152348 | Bushing |
| 33 | 9 | 246942 | Weigh Bar 1 x 8 x 120" |
| 34 | 9 | 246959 | Weigh Bar 1 x 8 x 59½" |

# 4550 Center Axles, Swing Arms, Pull Arms



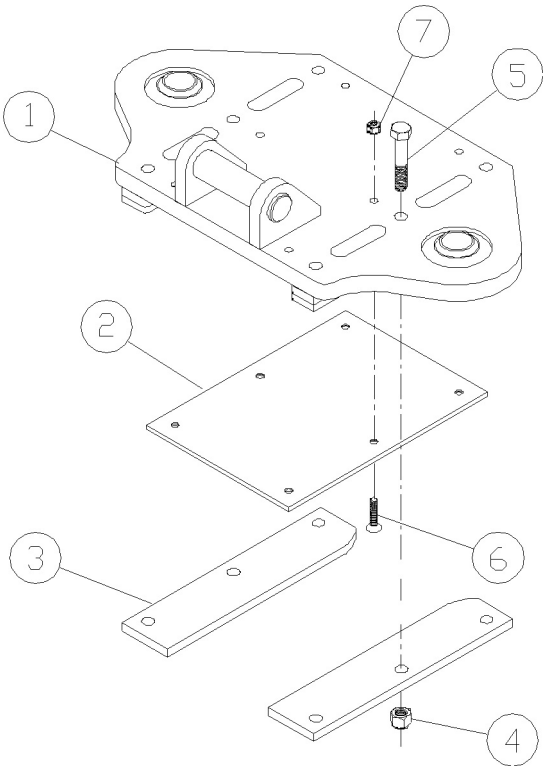

| Item | Qty | Part No. | Description |
|---|---|---|---|
| 1 | 1 | 880716 | Slider Assembly |
| 2 | 2 | 977843 | Pull Bar |
| 3 | 4 | 338863 | HHCS 1½" x 6" |
| 4 | 8 | 331074 | Jam Nut 1½" |
| 5 | 1 | 977801 | Swing Arm Left |
| 6 | 1 | 977819 | Swing Arm Right |
| 7 | 2 | 465286 | Cylinder 5 x 20 |
| 8 | 10 | 334789 | HHCS 1" x 3½" |
| 9 | 10 | 330597 | Nylock 1" |
| 10 | 4 | 977850 | Top Axle Bracket |
| 11 | 4 | 173849 | Bottom Axle Bracket |
| 12 | 24 | 335174 | HHCS 3/4" x 2½" |
| 13 | 24 | 330316 | Nylock 3/4" |
| 14 | 4 | 314203 | Pin |
| 15 | 4 | 333625 | HHCS 5/8" x 6" |
| 16 | 4 | 01572700 | Nylock 5/8" |
| 17 | 2 | 474684 | Cylinder 5" x 16" |

# 4550 Center Section




## #880708 -Center Lift Axle Assembly

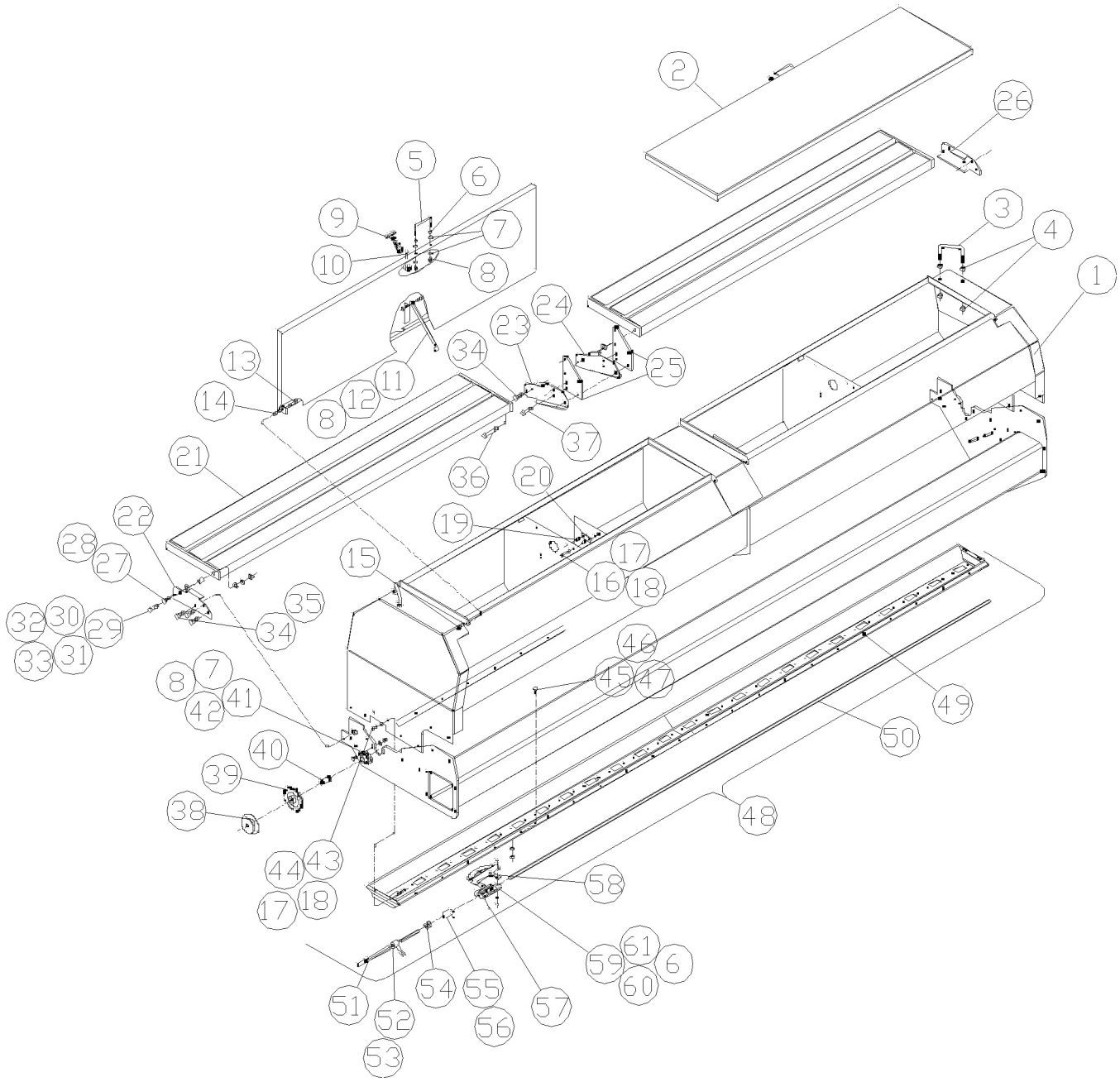
| Item | Qty | Part No. | Description |
|---|---|---|---|
| 1 | 1 | 977827 | Lift Axle |
| 2 | 4 | 314195 | Spindle 3 7/16" x 17" |
| 3 | 4 | 551358 | Hub 873 10 Bolt Complete |
| 4 | 4 | 531715 | Tire Mounted 440/55R18-14" |
| 5 | 4 | 330316 | Nylock 3/4" |
| 6 | 4 | 334466 | HHCS 3/4" x 6" |




## #880716 -Slider Assembly

| Item | Qty | Part No. | Description |
|---|---|---|---|
| 1 | 1 | 977835 | Slider |
| 2 | 1 | 572453 | Nylon Pad 1/4" x 10" x 14" |
| 3 | 2 | 245621 | Guide |
| 4 | 6 | 01572700 | Nylock 5/8" |
| 5 | 6 | 336347 | HHCS 5/8" x 3 1/4" |
| 6 | 6 | 337311 | Screw 3/8" x 1 3/4" Flat Head Socket Gr 8 |
| 7 | 6 | 330837 | Nylock 3/8" |

# 4550 Grain Box



# 4550 Grain Box

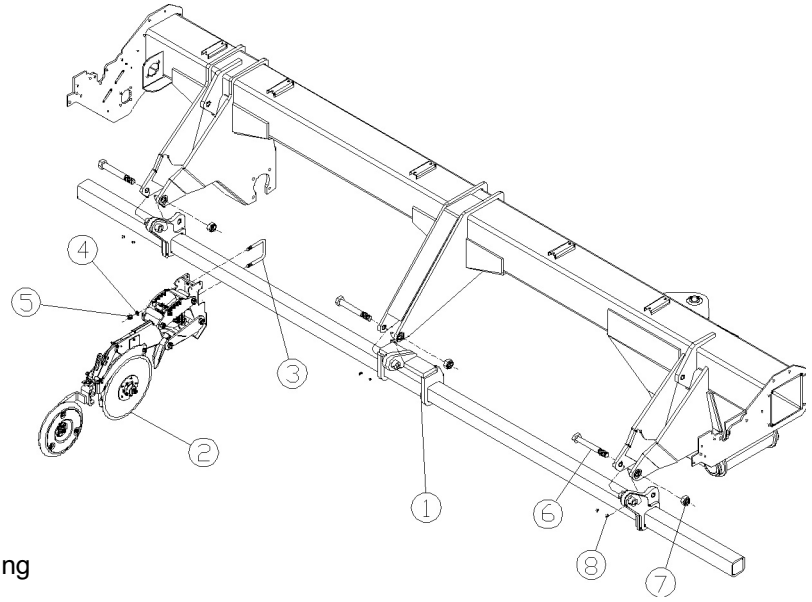
**(Center Grain Box Shown)**

| Item | Part No. | Description |
|---|---|---|
| 1 | 977959 | Grain Box -Center |
| | 977975 | Grain Box -Wings |
| 2 | 966960 | Box Lid -Center |
| | 978023 | Box Lid -Wings |
| 3 | 335737 | Grain Box Handle |
| 4 | 330571 | Hex Nut 5/8" |
| 5 | 308122 | Box Lid Handle |
| 6 | 330811 | Hex Nut 5/16" |
| 7 | 330852 | Flat Washer 5/16" |
| 8 | 331611 | Nylock 5/16" |
| 9 | 570341 | Lid Latch |
| 10 | 601989 | Rivet 3/16" x 1/4" |
| 11 | 221317 | Lid Latch Arm |
| 12 | 01010800 | HHCS 5/16" x 1" |
| 13 | 335703 | HHCS 3/8" x 1½" |
| 14 | 149385 | Lid Hinge Bushing |
| 15 | 330837 | Nylock 3/8" |
| 16 | 335133 | HHCS 1/4" x 1 3/4" |
| 17 | 330050 | Lock Washer 1/4" |
| 18 | 332205 | Hex Nut 1/4" |
| 19 | 145144 | Lid Latch Bushing |
| 20 | 190142 | Lid Latch Plate |
| 21 | 972679 | Walkboard -Center Section |
| | 977983 | Walkboard -Wings |
| 22 | 216192 | Walkboard Bracket -Right |
| 23 | 222091 | Walkboard Bracket -Center Right |
| 24 | 222109 | Walkboard Bracket -Center Left |
| 25 | 222083 | Walkboard Mount Plate |
| 26 | 216226 | Walkboard Bracket -Left |
| 27 | 01029800 | HHCS ½" x 1" |
| 28 | 332197 | Square Nut ½" |
| 29 | 335240 | HHCS ½" x 1 3/4" |
| 30 | 150086 | Bushing Walkboard |
| 31 | 330159 | Flat Washer ½" |
| 32 | 3301442 | Lock Washer ½" |
| 33 | 330134 | Hex Nut ½" |
| 34 | 01180900 | HHCS ½" x 1 1/4" |
| 35 | 331363 | Nylock ½" |
| 36 | 334946 | HHCS ½" x 3" |
| 37 | 331926 | HHCS ½" x 2' |
| 38 | 972851 | Adjuster Plate Lock |
| 39 | 877662 | Adjustment Handle w/Sensor |
| 40 | 312785 | Adjustment Spool |
| 41 | 03001500 | Bearing 1" |
| 42 | 01261700 | Carriage Bolt 5/16" x 1½" |
| 43 | 331835 | HHCS 1/4" x 1" |
| 44 | 02016400 | Flat Washer 1/4" |
| 45 | 01145200 | HHCS 3/8" x 3/4" |
| 46 | 330043 | Lock Washer 3/8" |
| 47 | 330035 | Hex Nut 3/8" |
| 48 | 872739 | Box Bottom Assembly -Center |
| | 880773 | Box Bottom Assembly -Wings |
| 49 | 966309 | Box Bottom -Center |
| | 978007 | Box Bottom -Wings |
| 50 | 311415 | Hex Shaft -162 5/16" -Center |
| | 314229 | Hex Shaft -192" -Wings |
| 51 | 310888 | Hex Adjustment Shaft |
| 52 | 141895 | Hex Shaft Coupler |
| 53 | 337485 | Roll Pin 3/16" x 1 1/4" |
| 54 | 550525 | Wobble Slot Half w/groove |
| 55 | 550517 | Wobble Slot Adjustment Slide |
| 56 | 334516 | Set Screw 1/4-28 x 1/4" Cone Pt |
| 57 | 601716 | Wobble Slot Lock Bolt Pin |
| 58 | 874552 | Seed Gauge Assembly |
| 59 | 550483 | Cast Seed Cup |
| 60 | 01144500 | HHCS 5/16" x 3/4" |
| 61 | 330845 | Lock Washer 5/16" |

# 4550 Tool Bars

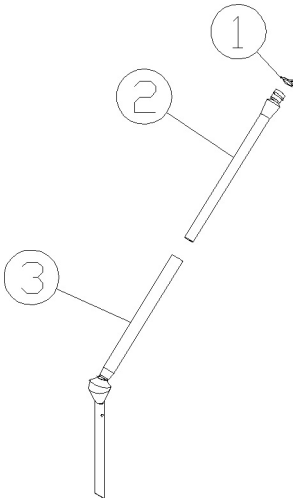
### #880740 -Center Assembly
### #880724 -Left Wing Assembly
### #880732 -Right Wing Assembly

| Item | Part No. | Description |
|---|---|---|
| 1 | 977876 | Tool Bar Center |
| | 977892 | Tool Bar Wings (Shown) |
| 2 | 871012 | Opener -Left Short |
| | 871038 | Opener -Left Long |
| | 871004 | Opener -Right Short |
| | 871020 | Opener -Right Long |
| 3 | 337147 | U-Bolt 5/8 x 4 x 5 |
| 4 | 330878 | Lock Washer 5/8" |
| 5 | 330571 | Hex Nut 5/8" |
| 6 | 334060 | HHCS 1" x 7½" |
| 7 | 330597 | Nylock 1" |
| 8 | 604660 | Zerk 1/4-28 x 9/16 Self-Tapping |

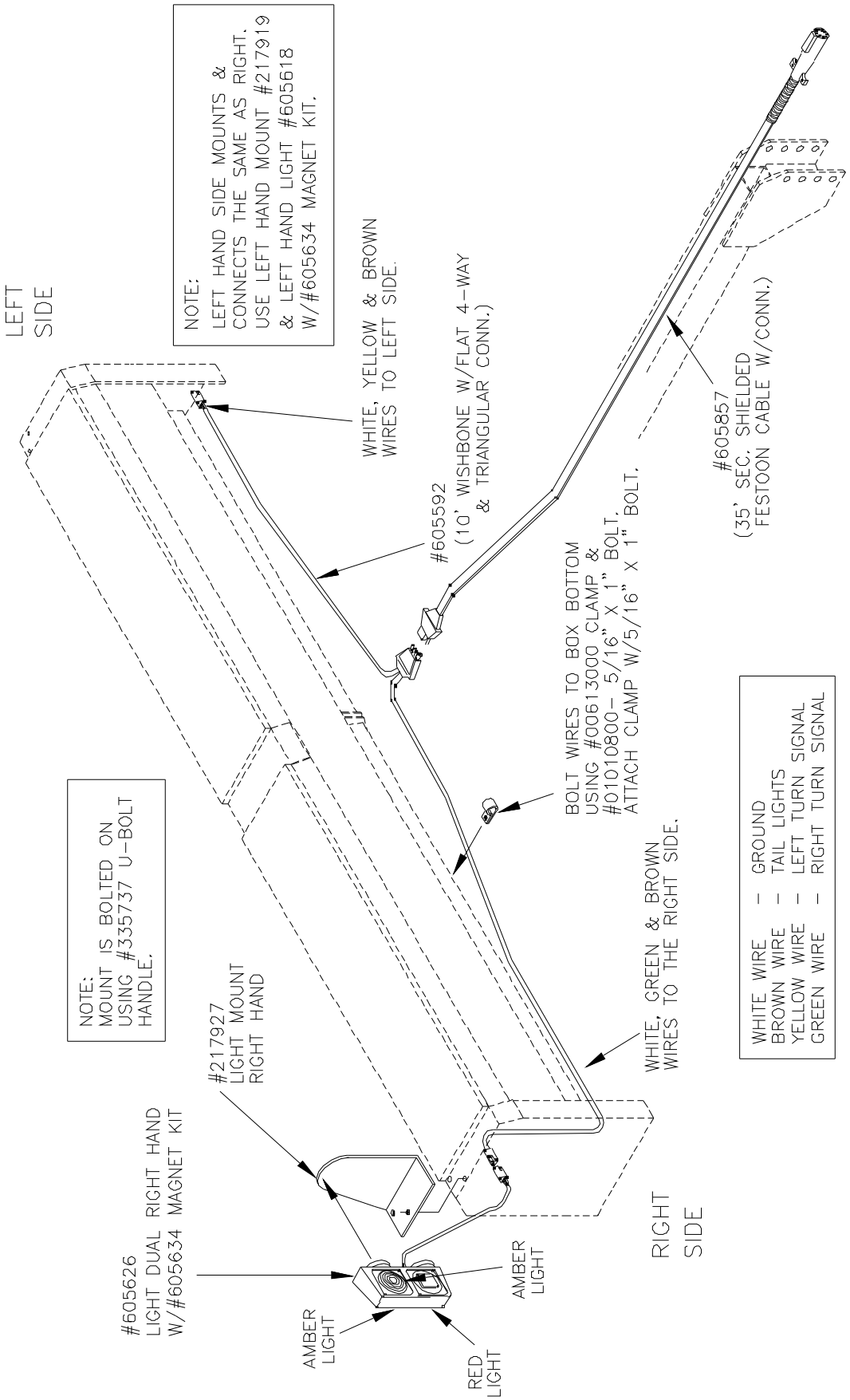



# 4550 Seed Tubes

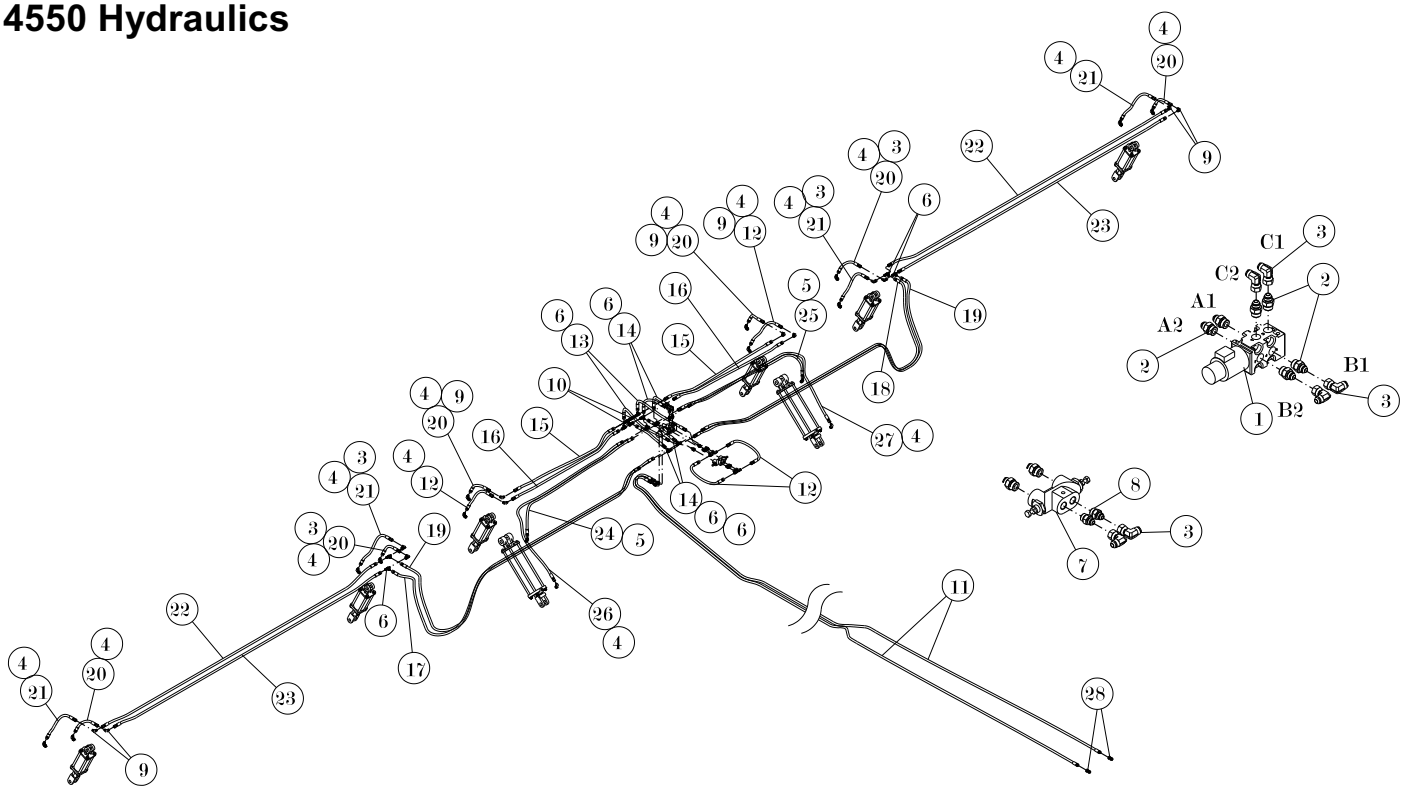
| Item | Part No. | Description |
|---|---|---|
| 1 | 604777 | Clamp 1.375 x .162 (A-22) |
| 2 | 571000 | Upper Seed Tube- 21" (Long Openers & both ends of tool bars) |
| | 571331 | Upper Seed Tube- 20" (Short Openers unless on ends of tool bars) |
| 3 | 571984 | Bottom Tube 33" (Long & Short Openers) |



# 4550 Light Kit



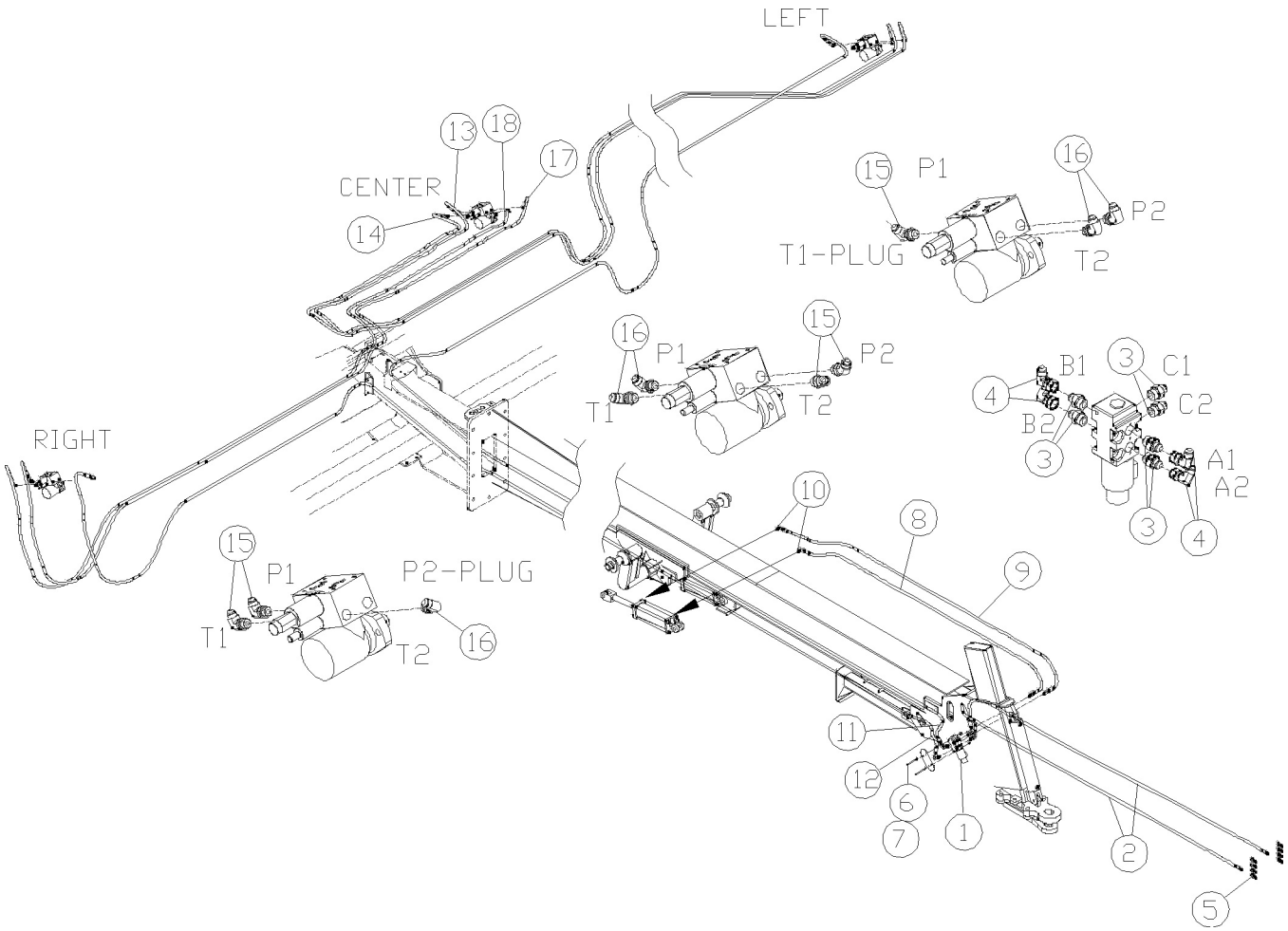
# 4550 Hydraulics




**Tool Bar and Tire Hydraulics**

| Item | Qty | Part No. | Description | | Hose Routing |
|---|---|---|---|---|---|
| 1 | 1 | 04130100 | Selector Valve | | |
| 2 | 6 | 00711200 | Adapter Straight | 7/8 MOR-3/4 JICM | |
| 3 | 10 | 474130 | Adapter 90° | 3/4 JICM-3/4 F Sw | |
| 4 | 14 | 465310 | Adapter 90° | 3/4 MOR-3/4 JICM | |
| 5 | 2 | 470187 | Adapter 45° | 3/4 MOR-3/4 MOR | |
| 6 | 12 | 465278 | Adapter Tee | 3/4 JICM-3/4 JICM-3/4 JICM | |
| 7 | 1 | 465104 | Lock Valve Pilot | 3/4 FOR | |
| 8 | 4 | 465294 | Adapter Straight | 3/4 MOR-3/4 JICM | |
| 9 | 8 | 466870 | Adapter 90° | 3/4 JICM-3/4 JICM | |
| 10 | 2 | 473561 | Adapter Straight | 3/4 F Sw-3/4 F Sw | |
| 11 | 2 | 474841 | Hose ½" x 514" | 3/4 F Sw-3/4 F Sw | **A** & **A2**-solenoid valve to tractor |
| 12 | 4 | 465138 | Hose ½" x 24" | 3/4 F Sw-3/4 F Sw | **B1** & **B2**-solenoid valve to front of lock valve<br>To 4x8 cylinder -rod end (Center Section) |
| 13 | 2 | 470203 | Hose ½" x 32" | 3/4 F Sw-3/4 F Sw | Back of Lock valve to tee |
| 14 | 4 | 470088 | Hose ½" x 17" | 3/4 F Sw-3/4 F Sw | **A1**, **A2**, **C1**, **C2** -solenoid valve |
| 15 | 2 | 469817 | Hose ½" x 58" | 3/4 F Sw-3/4 F Sw | |
| 16 | 2 | 471300 | Hose ½" x 60" | 3/4 F Sw-3/4 F Sw | |
| 17 | 1 | 474858 | Hose ½" x 164" | 3/4 F Sw-3/4 F Sw | |
| 18 | 1 | 465377 | Hose ½" x 162" | 3/4 F Sw-3/4 F Sw | |
| 19 | 2 | 474866 | Hose ½" x 168" | 3/4 F Sw-3/4 F Sw | |
| 20 | 6 | 468934 | Hose ½" x 15" | 3/4 F Sw-3/4 F Sw | To 4x8 cylinder -base end (All Sections) |
| 21 | 4 | 465146 | Hose ½" x 30" | 3/4 F Sw-3/4 F Sw | To 4x8 cylinder -rod end (Wing Sections) |
| 22 | 2 | 474874 | Hose ½" x 150" | 3/4 F Sw-3/4 F Sw | |
| 23 | 2 | 467597 | Hose ½" x 144" | 3/4 F Sw-3/4 F Sw | |
| 24 | 1 | 471318 | Hose ½" x 74" | 3/4 F Sw-3/4 F Sw | Right Wing |
| 25 | 1 | 473363 | Hose ½" x 68" | 3/4 F Sw-3/4 F Sw | Left Wing |
| 26 | 1 | 474395 | Hose ½" x 94" | 3/4 F Sw-3/4 F Sw | Right Wing |
| 27 | 1 | 467613 | Hose ½" x 90" | 3/4 F Sw-3/4 F Sw | Left Wing |
| 28 | 2 | 465385 | Male Coupler | 3/4 FOR | |

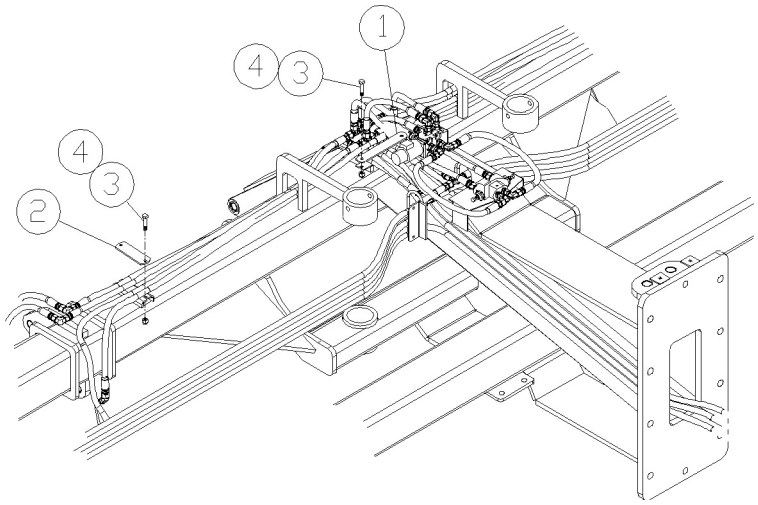
# 4550 Hydraulics




**Drive Hydraulics**

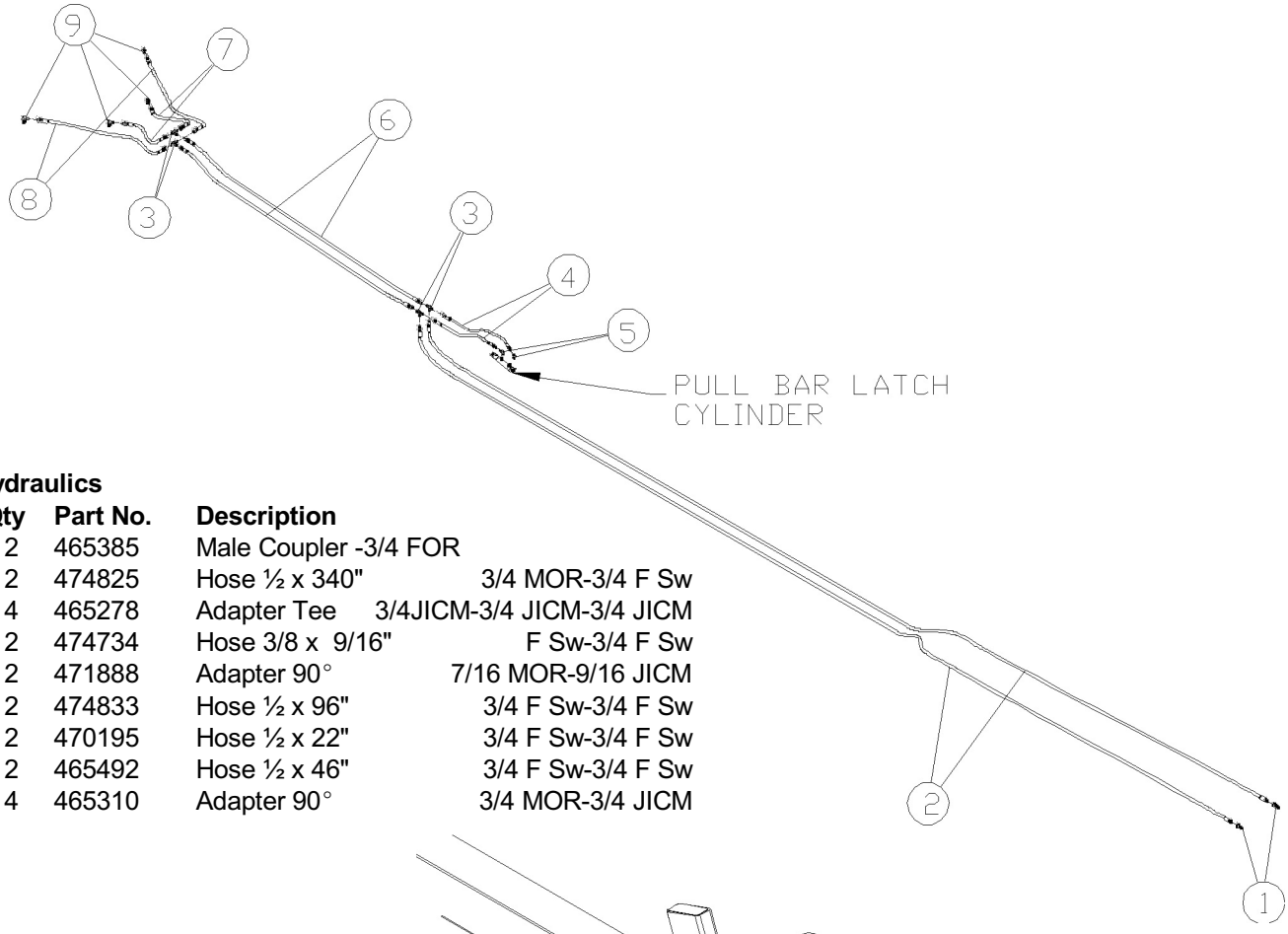
| Item | Qty | Part No. | Description | | Hose Routing |
|---|---|---|---|---|---|
| 1 | 1 | 04130100 | Selector Valve | | |
| 2 | 2 | 474759 | Hose ½ x 114 | 3/4 MOR-3/4 F Sw | **A1** & **A2**-solenoid valve to tractor |
| 3 | 6 | 00711200 | Adapter Straight | 7/8 MOR-3/4 JICM | |
| 4 | 4 | 474130 | Adapter 90° | 3/4 JICM-3/4 F Sw | |
| 5 | 2 | 465385 | Male Coupler 3/4 F Sw | | |
| 6 | 2 | 02396000 | HHCS 5/16" x 3½" | | |
| 7 | 2 | 331611 | Nylock 5/16" | | |
| 8 | 1 | 468835 | Hose ½ x 114" | 3/4 F Sw-3/4 F Sw | **C1**-solenoid valve to 4x10 cylinder -base end |
| 9 | 1 | 474742 | Hose ½ x 133" | 3/4 F Sw-3/4 F Sw | **C2**-solenoid valve to 4x10 cylinder -rod end |
| 10 | 2 | 465310 | Adapter 90° | 3/4 JICM-3/4 JICM | |
| 11 | 1 | 474767 | Hose ½ x 698" | 3/4 F Sw-7/8 F Sw | **B1**-solenoid valve to **P1**-left wing motor |
| 12 | 1 | 474775 | Hose ½ x 548" | 3/4 F Sw-7/8 F Sw | **B2**-solenoid valve to **T2**-right wing motor |
| 13 | 1 | 474783 | Hose ½ x 435" | 7/8 F Sw-7/8 F Sw | **P1**-center motor to **P2**-left wing motor |
| 14 | 1 | 474791 | Hose ½ x 431" | 7/8 F Sw-7/8 F Sw | **T1**-center motor to **T2**-left wing motor |
| 15 | 5 | 00542100 | Adapter 45° | 7/8 MOR-7/8 JICM | |
| 16 | 5 | 03362100 | Adapter 90° | 7/8 MOR-7/8 JICM | |
| 17 | 1 | 474817 | Hose ½ x 292" | 7/8 F Sw-7/8 F Sw | **P2**-center motor to **P1**-right wing motor |
| 18 | 1 | 474809 | Hose ½ x 285" | 7/8 F Sw-7/8 F Sw | **T2**-center motor to **T1**-right wing motor |

# 4550 Hydraulics



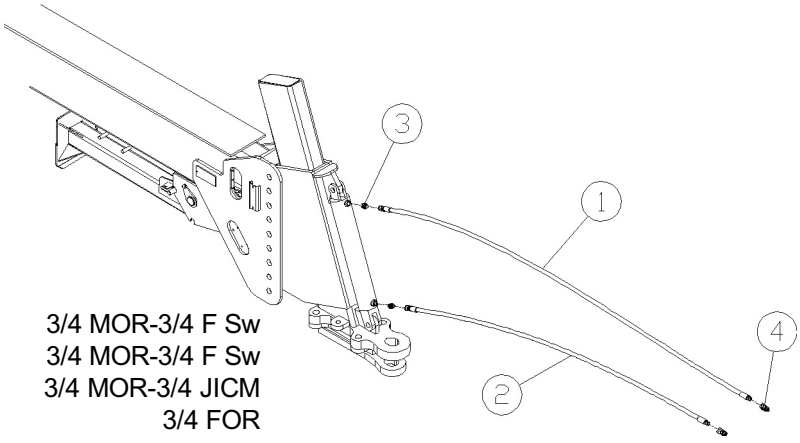

**Hose Carrier Plates**

| Item | Qty | Part No. | Description |
|---|---|---|---|
| 1 | 1 | 246793 | Hose Plate -9½" |
| 2 | 29 | 217729 | Hose Plate -6" |
| 3 | 60 | 335877 | HHCS 3/8" x 1 3/4" |
| 4 | 60 | 330837 | Nylock 3/8" |




**Fold Hydraulics**

| Item | Qty | Part No. | Description |
|---|---|---|---|
| 1 | 2 | 465385 | Male Coupler -3/4 FOR |
| 2 | 2 | 474825 | Hose ½ x 340" 3/4 MOR-3/4 F Sw |
| 3 | 4 | 465278 | Adapter Tee 3/4JICM-3/4 JICM-3/4 JICM |
| 4 | 2 | 474734 | Hose 3/8 x 9/16" F Sw-3/4 F Sw |
| 5 | 2 | 471888 | Adapter 90° 7/16 MOR-9/16 JICM |
| 6 | 2 | 474833 | Hose ½ x 96" 3/4 F Sw-3/4 F Sw |
| 7 | 2 | 470195 | Hose ½ x 22" 3/4 F Sw-3/4 F Sw |
| 8 | 2 | 465492 | Hose ½ x 46" 3/4 F Sw-3/4 F Sw |
| 9 | 4 | 465310 | Adapter 90° 3/4 MOR-3/4 JICM |




**Hitch Hydraulics**

| Item | Qty | Part No. | Description |
|---|---|---|---|
| 1 | 1 | 474882 | Hose ½ x 101 3/4 MOR-3/4 F Sw |
| 2 | 1 | 465641 | Hose ½ x 96 3/4 MOR-3/4 F Sw |
| 3 | 2 | 465294 | Adapter Straight 3/4 MOR-3/4 JICM |
| 4 | 2 | 465385 | Male Coupler 3/4 FOR |

CrustBuster
SPEED KING INC.

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