



SET UP GUIDE

ABI CLASSIC SPREADER

50-125 CUBIC FOOT PTO DRIVEN MODELS



This document covers several models. Features may vary by model. Not all features in this document are applicable to all models. The model depicted may differ from yours.



For Your Records

Located on the lower right front corner of the frame is an ID plate showing the serial number. Record your machine’s information and serial number in the space provided below. ABI will use this information to give you prompt, efficient service when you order parts or need product support.

Model and Serial Number

Model Number:

Serial Number:

Invoice Number:

Purchaser’s Name:

Contact Information

ABI Attachments, Inc
520 S. Byrkit Ave.
Mishawaka, IN 46544

Customer Support

Email: abicutomerservice@abiattachments.com
Phone: 877-788-7253
Website: abiattachments.com/support

WARRANTY INFORMATION

Please see separate insert for warranty details.

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Product Manual Information

NOTE: This operators manual covers several models, Features may vary by model. Not all features in this manual are applicable to all models depicted may differ from yours.

Safety



WARNING! The **SAFETY ALERT SYMBOL** indicates there is a potential hazard to personal safety involved and extra safety precaution must be taken. When you see this symbol, be alert and carefully read the message that follows it. In addition to design and configuration of equipment, hazard control, and accident prevention are dependent upon the awareness, concern, prudence, and proper training of personnel involved in the operation, transport, maintenance, and storage of equipment.



CALIFORNIA PROPOSITION 65

WARNING! Cancer and reproductive harm- www.P65Warnings.ca.gov

SAFETY AT ALL TIMES

Careful operation is your best assurance against an accident. All operators, no matter how much experience they may have, should carefully read this manual and other related manuals, or have the manuals read to them, before operating the tow vehicle and this implement.

- Thoroughly read and understand the “Safety Label” section. Read all instructions noted on them.
- Do not operate the equipment while under the influence of drugs or alcohol as they impair the ability to safely and properly operate the equipment.
- The operator should be familiar with all functions of the tow vehicle and attached implement and be able to handle emergencies quickly.
- Make sure all guards and shields appropriate for the operation are in place and secured before operating implement.
- Keep all bystanders away from equipment and work area.
- Start tow vehicle from the driver’s seat with hydraulic controls in neutral.
- Operate tow vehicle and controls from the driver’s seat only.
- Never dismount from a moving tow vehicle or leave tow vehicle unattended with engine running.
- Do not allow anyone to stand between tow vehicle and implement while backing up to implement.
- Keep hands, feet, and clothing away from power-driven parts.
- While transporting and operating equipment, watch out for objects overhead and along side such as fences, trees, buildings, wires, etc.
- Do not turn tow vehicle so tight as to cause hitched implement to ride up on the tow vehicle’s rear wheel.
- Store implement in an area where children normally do not play. When needed, secure attachment against falling with support blocks.

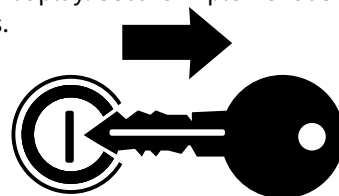
SAFETY PRECAUTIONS FOR CHILDREN

Tragedy can occur if the operator is not alert to the presence of children. Children generally are attracted to implements and their work.

- Never assume children will remain where you last saw them.
- Keep children out of the work area and under the watchful eye of a responsible adult.
- Be alert and shut the implement and tractor down if children enter the work area.
- Never carry children on the tractor or implement. There is not a safe place for them to ride. They may fall off and be run over or interfere with the control of the tow vehicle.
- Never allow children to operate the tow vehicle or implement, even under adult supervision.
- Never allow children to play on the tow vehicle or implement.
- Use extra caution when backing up. Before the tractor starts to move, look down and behind to make sure the area is clear.

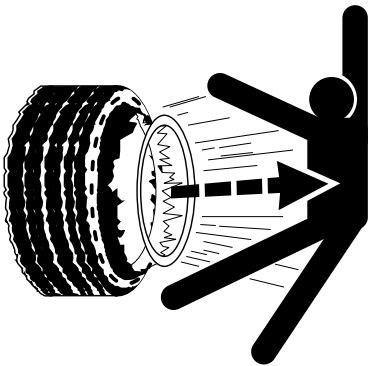
SHUTDOWN & STORAGE

- If engaged, disengage power take-off.
- Park on solid, level ground and lower implement to ground or onto support blocks.
- Put tractor in park or set park brake, turn off engine, and remove switch key to prevent unauthorized starting.
- Relieve all hydraulic pressure to auxiliary hydraulic lines
- Wait for all components to stop before leaving operator’s seat.
- Use steps, grab-handles and anti-slip surfaces when stepping on and off the tractor.
- Detach and store implement in an area where children normally do not play. Secure implement using blocks and supports.



TIRE SAFETY

- Tire changing can be dangerous and must be performed by trained personnel using the correct tools and equipment.
- Always maintain correct tire pressure. Do not inflate tires above recommended pressures shown in the Operator's Manual.
- When inflating tires, use a clip-on chuck and extension hose long enough to allow you to stand to one side and NOT in front of or over the tire assembly. Use a safety cage if available.
- Securely support the implement when changing a wheel.
- When removing and installing wheels, use wheel handling equipment adequate for the weight involved.
- Make sure wheel bolts have been tightened to the specified torque.
- Some attachments may have foam or sealant inside them and must be disposed of properly.

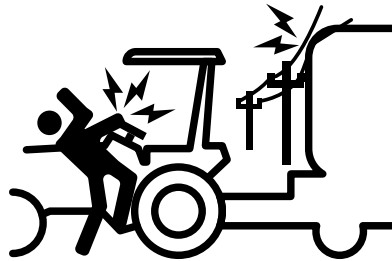


OPERATION SAFETY

- Stay alert for holes, rocks, and roots in the terrain and other hidden hazards. Keep away from drop-offs.
- Stop implement immediately upon striking an obstruction. Turn engine off, remove key, inspect and repair any damage before resuming operation.
- Never operate tractor and implement under trees with low hanging limbs. Operators can be knocked off the tractor and then run over by implement.

TRANSPORT SAFELY

- Comply with federal, state, and local laws.
- Use towing vehicle and trailer of adequate size and capacity. Secure equipment towed on a trailer with tie downs and chains.
- Sudden braking can cause a towed trailer to swerve and upset. Reduce speed if towed trailer is not equipped with brakes.
- Avoid contact with any overhead utility lines or electrically charged conductors.
- Always drive with load on end of loader arms low to the ground.
- Always drive straight up and down steep inclines with heavy end of a tow vehicle with loader attachment on the "uphill" side.
- Engage park brake when stopped on an incline.
- Maximum transport speed for an attached equipment is 20 mph. **DO NOT EXCEED.** Never travel at a speed which does not allow adequate control of steering and stopping. Some rough terrains require a slower speed.
- As a guideline, use the following maximum speed weight ratios for attached equipment:
 - **20 mph** when weight of attached equipment is less than or equal to the weight of machine towing the equipment.
 - **10 mph** when weight of attached equipment exceeds weight of machine towing equipment but not more than double the weight.
- **IMPORTANT:** Do not tow a load that is more than double the weight of the vehicle towing the load.



PRACTICE SAFE MAINTENANCE

- Understand procedure before doing work. Refer to the Operator's Manual for additional information.
- Work on a level surface in a clean dry area that is well-lit.
- Lower implement to the ground and follow all shutdown procedures before leaving the operator's seat to perform maintenance.
- Do not work under any hydraulic supported equipment. It can settle, suddenly leak down, or be lowered accidentally. If it is necessary to work under the equipment, securely support it with stands or suitable blocking beforehand.
- Use properly grounded electrical outlets and tools.
- Use correct tools and equipment for the job that are in good condition.
- Allow equipment to cool before working on it.
- Disconnect battery ground cable (-) before servicing or adjusting electrical systems or before welding on implement.
- Inspect all parts. Make certain parts are in good condition & installed properly.
- Replace parts on this implement with genuine ABI Attachments parts only.
- Do not alter this implement in a way which will adversely affect its performance.
- Do not grease or oil implement while it is in operation.
- Remove buildup of grease, oil, or debris.
- Always make sure any material and waste products from the repair and maintenance of the implement are properly collected and disposed.
- Remove all tools and unused parts before operation.



PREPARE FOR EMERGENCIES

- Be prepared if a fire starts.
- Keep a first aid kit and fire extinguisher handy.
- Keep emergency numbers for doctor, ambulance, hospital, and fire department near phone.



USE SAFETY LIGHTS AND DEVICES

- Slow moving tractors, skid steers, self-propelled machines, and towed equipment can create a hazard when driven on public roads. They are difficult to see, especially at night. Use the Slow Moving Vehicle sign (SMV) when on public roads.
- Flashing warning lights and turn signals are recommended whenever driving on public roads.



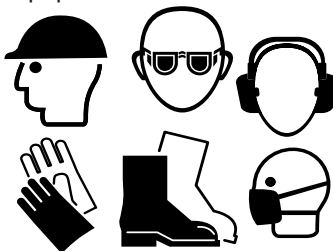
AVOID UNDERGROUND UTILITIES

- **Dig Safe, Call 811 (USA)** Always contact your local utility companies (electrical, telephone, gas, water, sewer, and others) before digging so that they may mark the location of any underground services in the area.
- Be sure to ask how close you can work to the marks they positioned.



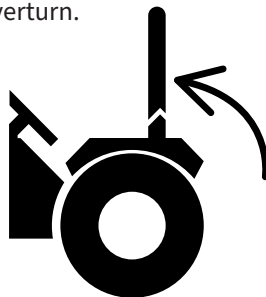
WEAR PERSONAL PROTECTION EQUIPMENT (PPE)

- Wear protective clothing and equipment appropriate for the job such as safety shoes, safety glasses, hard hat, and ear plugs.
- Clothing should fit snug without fringes and pull strings to avoid entanglement with moving parts.
- Prolonged exposure to loud noise can cause hearing impairment or hearing loss. Wear suitable hearing protection such as earmuffs or earplugs.
- Operating equipment safely requires the operator's full attention. Avoid wearing headphones while operating equipment.



USE SEAT BELT AND ROPS

- ABI Attachments recommends the use of a CAB or roll-over protective structures (ROPS) and seat belt in almost all tow vehicles. Combination of a CAB or ROPS and seat belt will reduce the risk of serious injury or death if the tow vehicle should be upset.
- If ROPS is in the locked-up position, fasten seat belt snugly and securely to help protect against serious injury or death from falling and machine overturn.



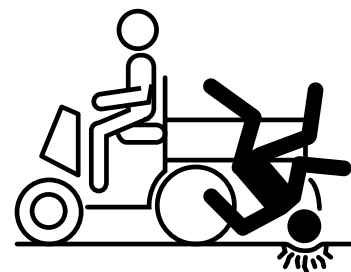
AVOID HIGH PRESSURE FLUIDS HAZARD

- Escaping fluid under pressure can penetrate the skin causing serious injury.
- Before disconnecting hydraulic lines or performing work on the hydraulic system, be sure to release all residual pressure.
- Make sure all hydraulic fluid connections are tight and all hydraulic hoses and lines are in good condition before applying pressure to the system.
- Use a piece of paper or cardboard, NOT BODY PARTS, to check for suspected leaks.
- Wear protective gloves and safety glasses or goggles when working with hydraulic systems.
- **DO NOT DELAY.** If an accident occurs, see a doctor familiar with this type of injury immediately. Any fluid injected into the skin or eyes must be treated within a few hours or gangrene may result.



KEEP RIDERS OFF MACHINERY

- Never carry riders on tractor or implement.
- Riders obstruct operator's view and interfere with the control of the tow vehicle.
- Riders can be struck by objects or thrown from the equipment. Never use tractor or implement to lift or transport riders.

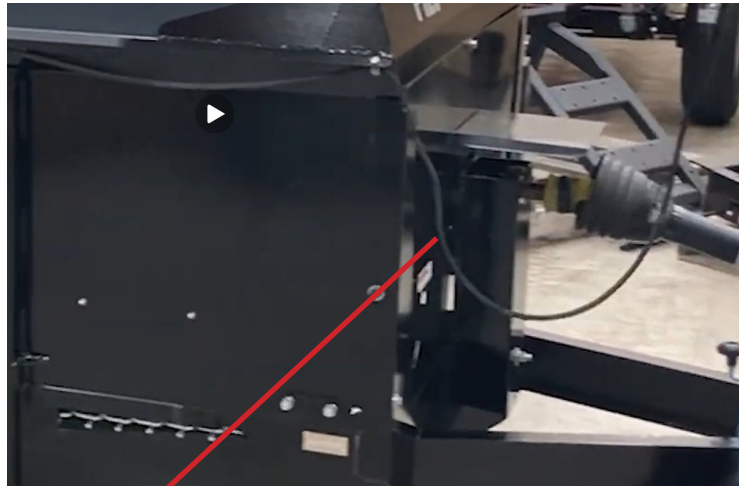
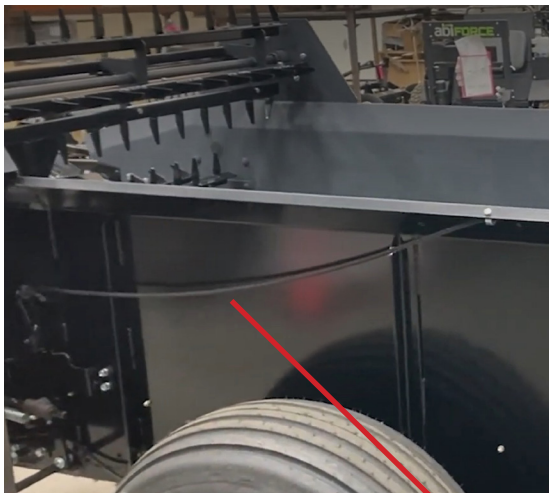


SAFETY PRECAUTIONS

PLEASE EXERCISE CAUTION AT ALL TIMES WHEN SETTING UP, OPERATION, OR PERFORMING MAINTENANCE ON THE ABI CLASSIC SPREADER. REMEMBER, ANY PIECE OF EQUIPMENT LIKE THE ABI CLASSIC SPREADER CAN CAUSE INJURY/DAMAGE IF OPERATED IMPROPERLY, OR IF THE USER DOES NOT UNDERSTAND HOW TO OPERATE THE EQUIPMENT. EXERCISE CAUTION AT ALL TIMES WITH USING THE ABI CLASSIC SPREADER.

1. NEVER PERMIT ANY PERSON TO RIDE OR BOARD THE ABI CLASSIC SPREADER AT ANY TIME. **NEVER ALLOW RIDERS ON THE ABI CLASSIC SPREADER!**
2. ENSURE THE IMPLEMENT IS PROPERLY MOUNTED, ADJUSTED AND IN GOOD OPERATING CONDITION.
3. BE SURE THE TRACTOR IS IN NEUTRAL BEFORE STARTING THE ENGINE.
4. USE CARE AND MAINTAIN MINIMUM GROUND SPEED WHEN OPERATING THE ABI CLASSIC SPREADER ON A HILLSIDE OR WHEN OPERATING CLOSE TO DITCHES, FENCES, OR WATER SOURCES.
5. PERSONAL PROTECTION EQUIPMENT INCLUDING SAFETY GLASSES, SAFETY SHOES, AND GLOVES ARE RECOMMENDED DURING ASSEMBLY, INSTALLATION, OPERATION, ADJUSTMENT, MAINTAINING AND/OR REPAIRING THE IMPLEMENT.
6. BE SURE THAT NO ONE IS NEAR THE MACHINE PRIOR TO ENGAGING OR WHILE THE MACHINE IS WORKING.
7. OPERATE THE ABI CLASSIC SPREADER IN THE DAYLIGHT OR UNDER GOOD ARTIFICIAL LIGHT. OPERATOR SHOULD ALWAYS BE ABLE TO CLEARLY SEE WHERE THEY ARE GOING.
8. BE ALERT FOR HIDDEN HAZARDS. ALWAYS OPERATE THE ABI CLASSIC SPREADER WITH CAUTION OVER WORK ENVIRONMENTS THAT MAY HAVE BURIED OBSTACLES.
9. STAY CLEAR OF ALL MOVING PARTS. KEEP ALL LIMBS CLEAR OF ATTACHMENTS WHEN MAKING ADJUSTMENTS WITH ALL HYDRAULICALLY OPERATED ATTACHMENTS.
10. USE CAUTION WHEN OPERATING THE ABI CLASSIC SPREADER IN ICY, WET, OR SNOWY CONDITIONS.
11. DO NOT USE THE ABI CLASSIC SPREADER ON HIGHWAYS OR PUBLIC THOROUGHFARES. THE ABI CLASSIC SPREADER IS DESIGNED FOR OFF ROAD USE ONLY.
12. OPERATE THE IMPLEMENT ONLY WITH A TRACTOR EQUIPPED WITH AN APPROVED ROLL-OVER-PROTECTIVE-SYSTEM (ROPS).
13. ALWAYS WEAR YOUR SEAT BELT. SERIOUS INJURY OR EVEN DEATH COULD RESULT FROM FALLING OFF THE TRACTOR.
14. ALWAYS FOLLOW YOUR TRACTOR MANUFACTURER'S RULES FOR SAFE OPERATION OF THE TRACTOR AND FOR PROPER PROCEDURES FOR ATTACHING AND DISCONNECTING ATTACHMENTS. CONTACT YOUR LOCAL TRACTOR DEALERSHIP FOR AN OWNER'S MANUAL FOR ANY QUESTIONS RELATED TO THE SAFE OPERATION OF THE TRACTOR.
15. THE USE OF THIS EQUIPMENT IS SUBJECT TO CERTAIN HAZARDS WHICH CANNOT BE PREVENTED BY MECHANICAL MEANS OR PRODUCT DESIGN. ALL OPERATORS OF THIS EQUIPMENT MUST READ AND UNDERSTAND THIS MANUAL, PAYING PARTICULAR ATTENTION TO SAFETY AND OPERATING INSTRUCTIONS, PRIOR TO USING.
16. DO NOT OPERATE THE TRACTOR AND IMPLEMENT WHEN YOU ARE TIRED, SICK, OR WHEN USING MEDICATION.
17. KEEP ALL HELPERS AND BYSTANDERS AT LEAST 50 FEET AWAY FROM THE MACHINE. ONLY PROPERLY TRAINED PEOPLE SHOULD OPERATE THIS MACHINE.
18. THE MAJORITY OF ACCIDENTS INVOLVE OPERATORS BEING KNOCKED OFF THE TRACTOR BY LOW HANGING LIMBS AND THEN BEING RUN OVER BY THE IMPLEMENT. ACCIDENTS ARE MOST LIKELY TO OCCUR WITH MACHINES THAT ARE LOANED OR RENTED TO SOMEONE WHO HAS NOT READ THE OPERATOR'S MANUAL AND IS NOT FAMILIAR WITH THE IMPLEMENT.
19. ALWAYS STOP THE TRACTOR, SET BRAKE, SHUT OFF THE TRACTOR ENGINE, REMOVE THE IGNITION KEY AND ALLOW ROTATING PARTS TO COME TO A COMPLETE STOP BEFORE DISMOUNTING TRACTOR. NEVER LEAVE EQUIPMENT UNATTENDED WITH THE TRACTOR RUNNING.
20. NEVER PLACE HANDS OR FEET UNDER IMPLEMENT WITH TRACTOR ENGINE RUNNING OR BEFORE YOU ARE SURE ALL MOTION HAS STOPPED. STAY CLEAR OF ALL MOVING PARTS.

21. DO NOT REACH OR PLACE YOURSELF UNDER EQUIPMENT UNTIL IT IS BLOCKED SECURELY.
22. NEVER PLACE HANDS OR FEET UNDER IMPLEMENT WITH TRACTOR ENGINE RUNNING OR BEFORE YOU ARE SURE ALL MOTION HAS STOPPED. STAY CLEAR OF ALL MOVING PARTS.
23. KEEP HANDS, FEET, HAIR, AND CLOTHING AWAY FROM MOVING PARTS.
24. NEVER OPERATE TRACTOR AND IMPLEMENT UNDER TREES WITH LOW HANGING LIMBS. OPERATORS CAN BE KNOCKED OFF THE TRACTOR AND THEN RUN OVER BY IMPLEMENT.
25. REDUCE SPEED ON SLOPES AND SHARP TURNS TO MINIMIZE TIPPING OR LOSS OF CONTROL. BE CAREFUL WHEN CHANGING DIRECTIONS ON SLOPES.
26. INSPECT THE ENTIRE MACHINE PERIODICALLY. LOOK FOR LOOSE FASTENERS, WORN OR BROKEN PARTS, AND LEAKY OR LOOSE FITTINGS.
27. PASS DIAGONALLY THROUGH SHARP DIPS AND AVOID SHARP DROPS TO PREVENT “HANGING UP” TRACTOR AND IMPLEMENT.
28. AVOID SUDDEN STARTS AND STOPS WHILE TRAVELING UP OR DOWNHILL.
29. ALWAYS USE DOWN SLOPES; NEVER ACROSS THE FACE. AVOID OPERATION ON STEEP SLOPES. SLOW DOWN ON SHARP TURNS AND SLOPES TO PREVENT TIPPING AND/OR LOSS OF CONTROL.
30. AVOID ALLOWING TOO MUCH SLACK IN THE PULL ROPE THAT VARIES THE SPEED OF THE APRON. TOO MUCH SLACK OR DROPPING THE ROPE WHILE THE MANURE SPREADER IS IN USE COULD CAUSE THE ROPE TO GET ENTANGLED INTO THE GEAR MECHANISM BEHIND THE SPREADERS RIGHT REAR TIRE, THE AXLE AND OR THE PTO SHAFT. THIS COULD CAUSE INJURY TO THE OPERATOR AND OR DAMAGE TO THE SPREADER.



DO NOT ALLOW EXCESS SLACK IN THE PULL ROPE
TO AVOID INJURY OR DAMAGE TO THE SPREADER

USE CAUTION WHEN OPERATING THE ABI CLASSIC SPREADER. USING THE ABI CLASSIC SPREADER OUTSIDE OF STATED SAFETY AND OPERATIONS GUIDELINES MAY RESULT IN INJURY TO OPERATOR OR OTHERS, PROPERTY DAMAGE, OR A VOID OF WARRANTY.

CAUTION: OUR MACHINES ARE DESIGNED CONSIDERING SAFETY AS THE MOST IMPORTANT ASPECT AND ARE THE SAFEST AVAILABLE IN TODAY’S MARKET. UNFORTUNATELY, HUMAN CARELESSNESS CAN OVERRIDE THE SAFETY FEATURES BUILT INTO OUR MACHINES. INJURY PREVENTION AND WORK SAFETY, ASIDE FROM THE FEATURES ON OUR TOOLS, ARE VERY MUCH DUE TO THE RESPONSIBLE USE OF THE EQUIPMENT. IT MUST ALWAYS BE OPERATED PRUDENTLY FOLLOWING WITH GREAT CARE, THE SAFETY INSTRUCTIONS LAID OUT IN THIS MANUAL.

Safety Labels

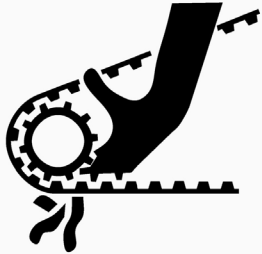
	⚠ WARNING		10-10978
	TO PREVENT SERIOUS INJURY OR DEATH: ● Avoid unsafe operation and maintenance. Do not operate or work on this machine without reading and understanding the operator's manual. ● If manual is lost, call 877-788-7253. ● Do not allow riders and keep others away during operation. ● Lower implement, stop tow vehicle engine, set park brake and remove ignition key before servicing, adjusting, repairing or unplugging. ● Safely support and secure implement before adjustments or repairs are made. ● Park or block implement so it will not roll when disconnecting from tow vehicle. ● Never place any part of the body underneath implement or between movable parts even when the engine has been turned off. ● DO NOT operate or transport at high speeds. ● DO NOT operate or transport on steep slopes.		

DANGER
PINCH POINT
KEEP HANDS CLEAR

⚠ DANGER

NO RIDERS

⚠ WARNING



Entanglement Hazard

DO NOT OPERATE without safety shield in place. Moving parts can crush and cut.

⚠ DANGER




Entanglement/Flying Debris Hazards.

DO NOT STAND in back of machine while engine is running and/or machine is operating. Rotating beaters and/or flying debris can cause serious personal injury or death.

Approach the rear of the machine ONLY when all moving parts have stopped.

⚠ DANGER

Entanglement Hazards





Moving parts can crush or cut.

STAY CLEAR of machine while engine is running and/or machine is operating. Keep hands, feet, clothing, and hair away from operating parts.

Never adjust, lubricate, or clean machine while engine is running and/or machine is operating.

Never operate machine without safety shields in place.

Read and understand operator's manual and safety labels before operating or servicing the machine.

Failure to follow these warnings may result in serious injury or death.

INITIAL SETUP

PRIOR TO SHIPMENT OF YOUR ABI SPREADER ALL GREASE POINTS HAVE BEEN PACKED WITH GREASE AND THE HYDRAULIC GEARS HAVE BEEN FILLED WITH THE CORRECT AMOUNT OF FLUID. ALL CHAINS HAVE BEEN ADJUSTED AND SET TO THE RIGHT TENSIONS.

ATTACHING THE SPREADER TO A TOW VEHICLE:

1. BACK YOUR TRACTOR UP TO THE SPREADER AND ALIGN TRACTOR DRAW BAR HITCH WITH THE HOLE IN THE HITCH OF THE SPREADER. SHUT OFF THE TRACTOR, PUT IT IN PARK, AND REMOVE THE KEYS. THEN INSERT THE 3/4" HITCH PIN AND SECURE IT WITH THE R CLIP.
2. CONNECTING THE OPTIONAL END GATE HYDRAULIC LINES IS SIMPLE. THE SMALLER DIAMETER LINES GO TO THE END GATE. NEITHER ONE HAS A CHECK VALVE SO JUST HOOK THEM UP TO YOUR TWO REMAINING, HYDRAULIC PORTS.
3. TO CONNECT THE PTO SHAFT, ENSURE TRACTOR IS SHUT OFF, PLACED IN PARK, AND THE KEYS ARE REMOVED FROM THE IGNITION. ALIGN THE SPLINES ON THE TRACTOR WITH THE SPLINES OF THE PTO SHAFT. PUSH DOWN ON THE SPRING-LOADED LOCKING PIN AND SLIDE THE PTO SHAFT ON AS FAR AS POSSIBLE. RELEASE THE SPRING-LOADED PIN AND PULL OUTWARD SLOWLY ON THE PTO SHAFT UNTIL THE SPRING-LOADED PIN POPS OUT AND LOCKS ONTO PLACE. REPEAT THIS PROCESS AND CONNECT THE OTHER END OF THE PTO SHAFT TO THE SPREADER.
4. SOMETIMES DUE TO THEIR BEING SO MANY DIFFERENT BRANDS AND MODELS OF TRACTORS IN THE MARKETPLACE YOU MAY NEED TO SHORTEN THE PTO SHAFT TO FIT YOUR UNIT.



STEP 1: WITH YOUR TRACTOR ATTACHED TO THE MANURE SPREADER, MEASURE FROM THE LOCKING GROOVE OF THE PTO SHAFT TO THE LOCKING GROOVE OF THE PTO SHAFT OF YOUR TRACTOR.

STEP 2: WITH YOUR PTO SHAFT SLID TOGETHER COMPLETELY, MEASURE THE LENGTH OF YOUR PTO SHAFT AND SUBTRACT THE LENGTH OF THE PTO SHAFT FROM THE LENGTH BETWEEN THE TWO LOCKING GROOVES.

STEP 3: ADD TWO INCHES TO THE CALCULATED MEASUREMENT FROM STEP TWO TO MAKE ATTACHING EASIER.

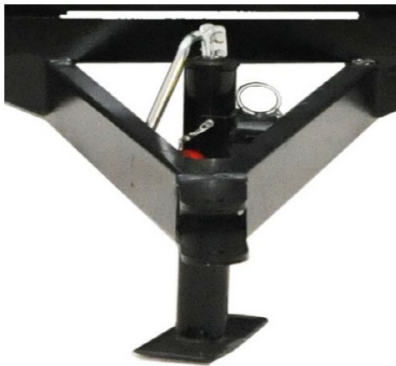
STEP 4: DIVIDE THE FINAL NUMBER FROM STEP 3 BY TWO AND CUT THE DIVIDED AMOUNTS OFF EACH END OF THE PTO SECTIONS. EQUAL CUTS MUST BE MADE TO BOTH SIDES, DO NOT REMOVE ALL FROM ONE SIDE!

NOTE: PRIOR TO CUTTING THE SHAFT, YOU WILL FIRST NEED TO MEASURE AND CUT OFF THE PLASTIC SAFETY COVER TO THE DESIRED LENGTH. BEFORE SLIDING BOTH SECTIONS BACK TOGETHER BE SURE TO USE A FILE A REMOVE ALL THE BURRS FROM BOTH STEEL SECTIONS OF THE SHAFT.

OPERATING THE PTO SPREADER

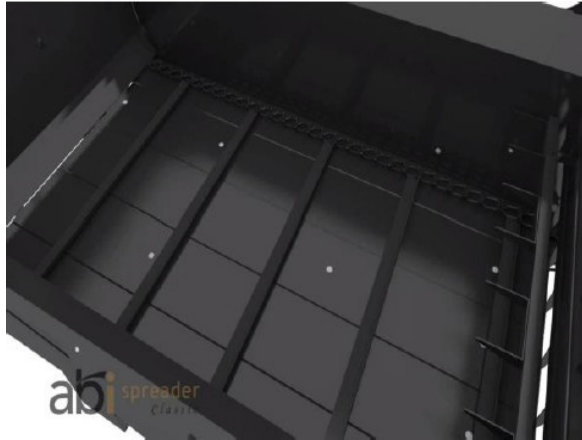
1. USE CAUTION WHEN FILLING THE SPREADER FROM A MANURE PILE NOT TO DIG TOO DEEP WITH YOUR TRACTOR BUCKET AND SCOOP UP ROCKS OR DEBRIS THAT COULD DAMAGE YOUR SPREADER.
2. CAUTION: ONCE, YOU REACH THE DESIRED AREA WHERE YOU INTEND TO APPLY YOUR MANURE IF YOU PURCHASED A SPREADER WITH A HYDRAULIC END GATE BE SURE TO RAISE THE END GATE BEFORE ATTEMPTING TO ENGAGE THE SPREADER. IF NOT, YOU CAN DAMAGE YOUR WEB DRIVE OR CONVEYOR SYSTEM.
3. TO ADJUST THE SPEED OF YOUR WEB DRIVE OR CONVEYOR SYSTEM OF YOUR SPREADER THERE IS A ROPE THAT RUNS DOWN THE RIGHT SIDE OF YOUR SPREADER. LIGHTLY PULL THE ROPE ONE TIME FOR THE FIRST OR SLOWEST SPEED, IT HAS FOUR TOTAL SPEEDS PLUS NEUTRAL. EACH TIME YOU LIGHTLY PULL THE ROPE IT WILL ADVANCE THE SPEED OF YOUR WEB DRIVE WHICH WILL PUT THE MANURE DOWN THICKER. PULL IT HARD ALL THE WAY FORWARD AND IT WILL RETURN TO NEUTRAL.

COMPONENTS:



SWING AWAY JACK:

THE SWING AWAY JACK IS USED TO HOLD THE SPREADER IN A SAFE LEVEL POSITION WHEN NOT CONNECTED TO A TOW VEHICLE. USE THE JACK TO RAISE OR LOWER THE SPREADER FOR EASY CONNECTION TO THE TOW VEHICLE. TO ROTATE THE JACK, REMOVE THE ATTACHED PIN FROM THE HOLDER, ROTATE, AND REINSERT PIN. TO KEEP THE JACK FROM CATCHING DURING USE, ALWAYS RAISE AND ROTATE THE JACK BEFORE OPERATING THE SPREADER.



SPREADER BED:

MAKE SURE TO RINSE OUT THE BED OF THE SPREADER AFTER EVERY USE. IT IS IMPORTANT TO AVOID PUTTING SOIL AND STONES INTO THE SPREADER. THE ABI CLASSIC SPREADER WAS NOT DESIGNED TO SPREAD SOIL OR STONE. USING THE ABI CLASSIC SPREADER TO SPREAD SOIL OR ROCKS WILL CAUSE DAMAGE TO UNIT AND WILL NOT BE COVERED UNDER WARRANTY. PLEASE DO NOT STORE ABI CLASSIC SPREADER IN DIRECT SUNLIGHT AS IT MAY CAUSE DAMAGE TO THE TONGUE AND GROOVE POLY FLOORING.

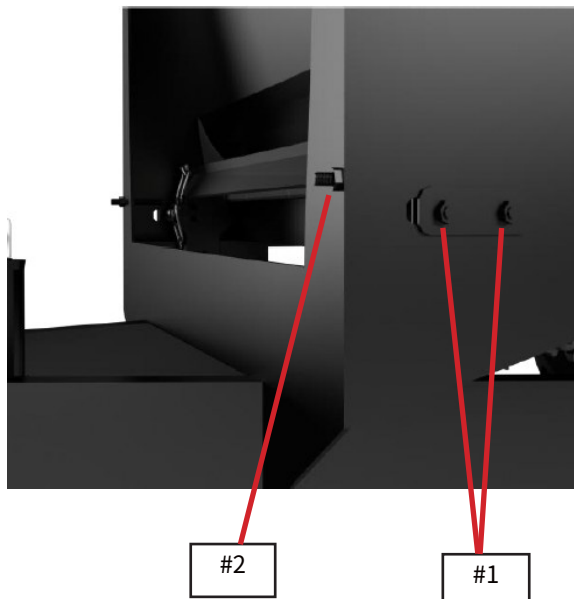
****USE CAUTION WHEN SPREADING WET MANURE. YOU WILL WANT TO USE A SLOW SPEED TO PREVENT BRIDGING OR BUILD UP, AND TO ALLOW THE MANURE TO PROPERLY SPREAD. ****

APRON CHAIN ADJUSTMENT:

OVER TIME YOU WILL NEED TO ADJUST THE TENSION ON THE APRON CHAIN. TO ADJUST THE APRON CHAIN, YOU WILL NEED TO LOOSEN THE TWO BOLTS LABELED #1. THEN TURN THE NUT LABELED #2 TO ADJUST THE TENSION ON THE APRON CHAIN. FOR PROPER SET UP YOU WANT TO HAVE NO MORE THAN 3" OF LIFT IN THE MIDDLE OF THE BED ON THE APRON CHAIN.

ONCE YOU HAVE ADJUSTED THE APRON CHAIN REMEMBER TO RETIGHTEN BOLT SET #1 BEFORE USING THE SPREADER AGAIN.

**** YOU WILL NEED TO MAKE THE ADJUSTMENT TO BOTH SIDES, SO MAKE SURE TO KEEP TRACK OF HOW MANY TIMES YOU TURN THE ADJUSTMENT NUT. TO KEEP THE APRON CHAIN LEVEL, YOU MUST ADJUST BOTH SIDES THE SAME. ****

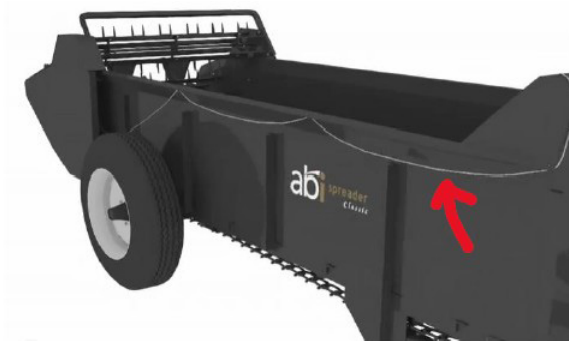




PTO SHAFT:

MAKE SURE THE PTO IS FULLY LOCKED IN PLACE BEFORE ENGAGING THE PTO DRIVE. TO PREVENT DAMAGE TO THE PTO, DISENGAGE THE PTO BEFORE MAKING ANY SHARP TURNS. WHEN ENGAGING THE PTO TO OPERATE THE APRON CHAIN AND BEATER BARS YOU WILL WANT TO FOLLOW THE FOLLOWING PROCEDURE. THROTTLE DOWN THE ENGINE AND ENGAGE THE PTO SYSTEM. ENGAGE THE APRON CHAIN, AND ONCE RUNNING INCREASE THE THROTTLE ON THE PTO TO RUN THE BEATER BARS AT FULL SPEED. WHEN DONE SPREADING, DISENGAGE THE APRON CHAIN (COVERED UNDER SPEED ADJUSTABLE ROPE SECTION BELOW) AND DISENGAGE THE PTO WHEN BED IS EMPTY OR RETURNING TO REFILL THE SPREADER. REPEAT THE PROCESS EVERY TIME YOU USE THE SPREADER TO PREVENT DAMAGE TO THE PTO SHAFT.

DO NOT ENGAGE THE PTO WHILE THE OPTIONAL END GATE IS DOWN.



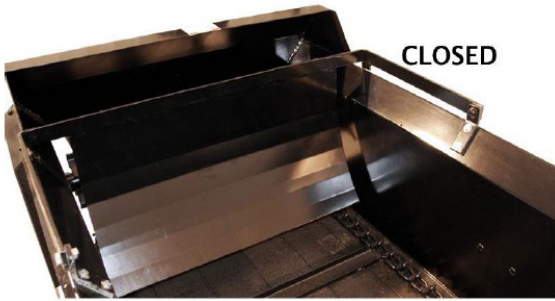
SPEED ADJUSTABLE ROPE:

THE SPEED ADJUSTABLE ROPE CONTROLS THE SPEED OF THE APRON CHAIN. PULL THE ROPE FORWARD SLOWLY TO ALLOW THE LEVER TO LOCK INTO EACH SLOT AS YOU PULL FORWARD. THIS ALLOWS FOR MULTIPLE SPREADING SPEEDS. WHEN YOU WANT TO STOP THE APRON CHAIN PULL THE ROPE FULLY FORWARD AND ALLOW THE LEVER TO FULLY RESET. THIS WILL DISENGAGE THE APRON CHAIN.



*** MAKE SURE TO DISENGAGE THE APRON CHAIN AFTER EVERY USE AND BEFORE STARTING THE PTO SHAFT TO PREVENT DAMAGING THE SPREADER. ***

*** AVOID ALLOWING TOO MUCH SLACK IN THE PULL ROPE . TOO MUCH SLACK OR DROPPING THE ROPE WHILE THE MANURE SPREADER IS IN USE COULD CAUSE THE ROPE TO GET ENTANGLED INTO THE GEAR MECHANISM BEHIND THE SPREADERS RIGHT REAR TIRE, THE AXLE AND OR THE PTO SHAFT. THIS COULD CAUSE INJURY TO THE OPERATOR AND OR DAMAGE TO THE SPREADER. ***



OPTIONAL END GATE:

THE OPTIONAL END GATE IS USED TO PREVENT MANURE FROM SPILLING OUT DURING FILLING OR TRANSPORTATION, AND TO HELP FURTHER DEFLECT MATERIAL FROM THE OPERATOR DURING SPREADING. FOR ABI CLASSIC SPREADER MODELS 25-50 THE END GATE MUST BE OPERATED MANUALLY. FOR LARGER MODELS 85 – 130 THERE IS AN OPTIONAL HYDRAULIC LIFT ARM FOR ADDED CONVENIENCE. HAVING THIS DOWN DURING USE WILL CAUSE DAMAGE TO THE ABI CLASSIC SPREADER. MAKE SURE TO FULLY OPEN THE END GATE BEFORE USE OR ENGAGING THE APRON CHAIN AT ANY TIME.



OPTIONAL SHREDDER HOOD & SPRAY SHIELD:

THIS OPTIONAL FEATURE ONLY AVAILABLE ON THE 25 AND 50 CU FT SPREADER MODELS.

THE SHREDDER HOOD AND SPRAY SHIELD OFFERS TWO FEATURES. FIRST IT PREVENTS MANURE FROM FLOWING OVER THE BEATERS AND SHREDDER BARS, AND SECOND IT ACTS AS A SHIELD FOR SPRAY OFF. THIS HELPS WITH “CLEAN” SPREADING AND HELPS PREVENT MATERIAL FROM FLIPPING FORWARD AND HITTING THE OPERATOR.

ADJUSTING THE PTO DRIVE CHAIN:



ADJUSTING THE WEB DRIVE CONVEYOR SYSTEM TENSION:

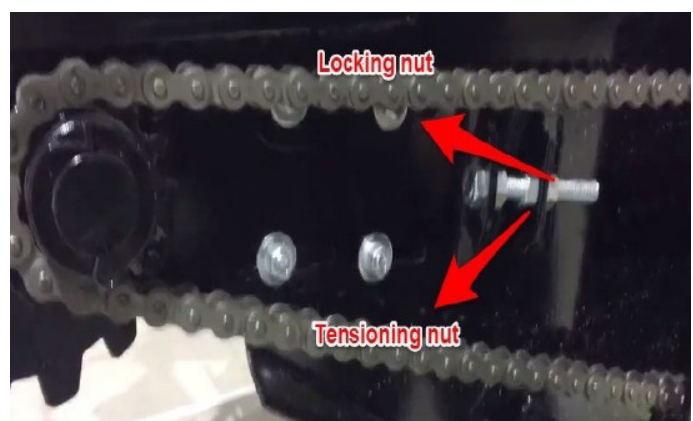
THE WEB DRIVE OR CONVEYOR SYSTEM TENSION CAN BE CHECKED BY REACHING OVER THE SIDE OF AN EMPTY SPREADER TOWARDS THE CENTER OF THE BED AND PICKING UP ON THE CHAIN. THERE SHOULD BE BETWEEN 3 AND 5 INCHES OF SLACK. IF ADDITIONAL SLACK EXISTS, LOCATE AND LOOSEN BOTH BOLTS ON BOTH OF THE FRONT, BOTTOM, SIDE CORNERS OF THE SPREADER.



THEN LOCATE THE THREADED NUT ON THE FRONT BOTTOM CORNER OF THE SPREADER. TIGHTENING THE NUT INCREASES THE TENSION OF YOUR WEB DRIVE CHAIN. BE SURE TO COUNT YOUR TURNS OF THE NUT SO YOU CAN TIGHTEN THE OTHER SIDE TO THE SAME TENSION, ENSURING THE CONVEYOR SYSTEM REMAINS IN ALIGNMENT. AFTER SETTING TENSION SO ONLY 3 -5 INCHES OF SLACK EXISTS BETWEEN THE BED AND THE CHAIN, TIGHTEN THE TWO LOCKING BOLTS BACK DOWN ON BOTH SIDES OF THE SPREADER.

ADJUSTING THE WIDESPREAD CHAIN TENSION ON 85CF – 125CF LARGER MODELS:

THE PICTURES BELOW SHOW HOW TO TIGHTEN THE WIDESPREAD CHAIN ON THE RIGHT REAR OF 85CF AND LARGER SPREADERS. AFTER REMOVING THE SAFETY COVER, LOOSEN BUT DO NOT REMOVE THE FOUR BOLTS AS SEEN IN THE LEFT PICTURE BELOW. NEXT, LOOSEN THE OUTER NUT AND THEN TURN THE TENSIONER NUT TO REACH DESIRED TENSION. REPEAT ON OPPOSITE SIDE OF THE SPREADER TO VERIFY THAT YOUR SHAFT WILL BE RUNNING STRAIGHT.



CAUTION: DO NOT OVER TIGHTEN! CHAIN SHOULD BE ABLE TO BE PULLED UPWARD ABOUT AN INCH AFTER SETTING THE TENSION.

ADJUSTING THE WIDESPREAD CHAIN TENSION ON 85CF – 125CF CONTINUED:



DUE TO THE 85 AND LARGER SPREADERS HAVING TWO SETS OF SHREDDING BARS THERE IS A SECOND CHAIN THAT ATTACHES THE WIDESPREAD BEATERS AND LOWER SET OF BEATERS TO THE UPPER SET OF SHREDDERS. TO TIGHTEN THE CHAIN TENSION, LOOSEN BUT DO NOT REMOVE THE TWO LOCKING BOLTS AND THEN SLIDE THE TENSIONER TOWARDS THE REAR OF THE SPREADER THEN TIGHTEN BACK DOWN BOTH LOCKING BOLTS. USE CAUTION NOT TO OVERTIGHTEN THERE SHOULD BE SLACK IN THE CHAIN. OVERTIGHTENING WILL CAUSE EXCESSIVE WEAR TO THE CHAIN AND THE BEARINGS.

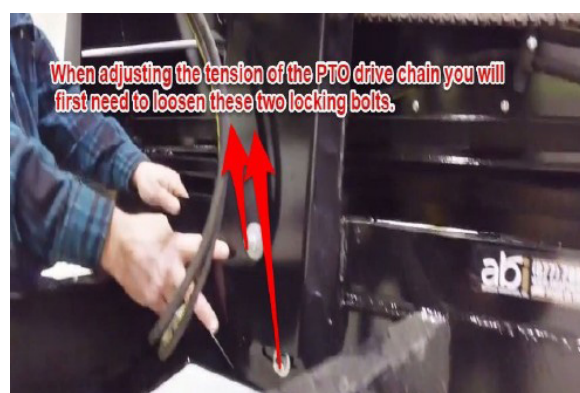
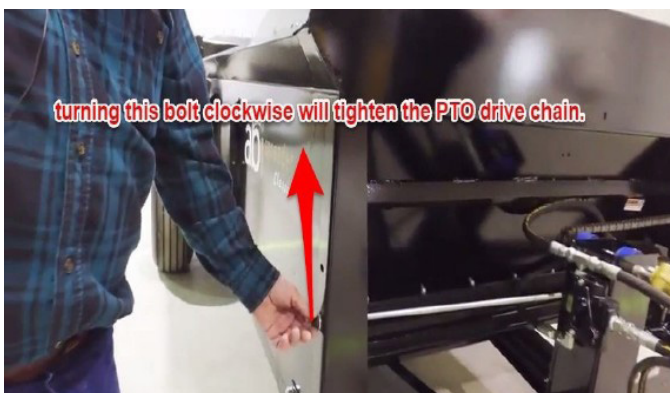
ADJUSTING THE WIDESPREAD CHAIN TENSION ON 50CF – 65CF:



ON SPREADERS SMALLER THAN THE 85 CUBIC FEET YOU WILL NEED TO LOOSEN BOTH BEARING PLATES ON EACH SIDE OF THE SPREADER. THIS WILL REQUIRE TWO PEOPLE. HAVE ONE PERSON PULL THE WIDESPREAD BEATER SHAFT BACK TO THE PROPER TENSION BEING CAREFUL TO MAKE SURE IT IS STRAIGHT, THEN HAVE THE SECOND PERSON TIGHTEN THE TWO BOLTS ON EACH SIDE BACK DOWN TO HOLD IT IN PLACE. IF YOU CAN'T GET IT TIGHT ENOUGH THEN YOU CAN REMOVE A CHAIN LINK.

ADJUSTING THE TENSIONER ON THE PTO SHAFT:

THE PICTURES BELOW SHOW HOW TO ADJUST THE CHAIN TENSIONER THAT TIES THE PTO SHAFT TO THE DRIVE LINE THAT THEN LINKS TO THE HYDRAULIC GEAR BOX. IN THE FIRST PICTURE ON THE LEFT YOU WILL NEED TO LOOSEN BUT NOT REMOVE THE TWO HOUSING LOCKING BOLTS. NEXT, ON THE RIGHT SIDE OF YOUR SPREADER YOU WILL SEE A THREADED ROD WITH A NUT ON IT. TO ADJUST THE DRIVE CHAIN TIGHTER SIMPLY TURN THE NUT CLOCKWISE UNTIL YOU REACH THE DESIRED TENSION. THEN TIGHTEN THE TWO HOUSING BOLTS BACK DOWN TO LOCK IT IN PLACE. **CAUTION:** DO NOT OVERTIGHTEN. YOU SHOULD BE ABLE TO GRAB THE CHAIN AFTER TIGHTENING AND PULL IT UP ABOUT AN INCH WHEN TIGHT.



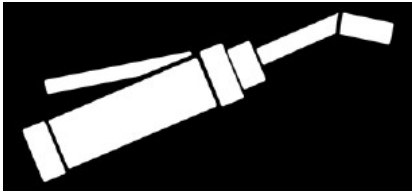
SPECIFICATIONS

CAPACITY	50ft3	85ft3	125ft3	185ft3
HEAPED CAPACITY	50 CU FT	85 CU FT	125 CU FT	185 CU FT
STRUCK CAPACITY	29 CU FT	47 CU FT	84 CU FT	112 CU FT
# OF HORSES	UP TO 8	UP TO 15	UP TO 22	UP TO 35
FEATURES				
PLATFORM	COMPACT	COMMERCIAL AG	COMMERCIAL AG	COMMERCIAL AG
PTO DRIVEN:	YES	YES	YES	YES
STEEL TYPE:	COR-TEN	COR-TEN	COR-TEN	COR-TEN
STEEL OF GAUGE:	12	10	10	10
# OF BEATERS:	2	3	3	3
IN-LINE SHREDDING BEATER:	YES	YES	YES	YES
# OF SPREADING PADDLES:	10	8	10	14
# OF SHREDDING BLADES:	32	100	120	160
FLOW CONTROL SPEEDS:	4	4	4	VARIABLE
SPEED ADJUSTMENT:	PULL ROPE	PULL ROPE	PULL ROPE	HYDRAULIC
SPRAY SHIELD:	YES	-	-	-
BED LINER:	YES	YES	YES	YES
POLY LUMBER FLOOR:	YES	YES	YES	YES
JACK STAND:	SKID PLATE	SKID PLATE	SKID PLATE	SKID PLATE
TIRES	RADIAL	FLOATATION	FLOATATION	FLOATATION
RATCHETING HUBS:	-	-	-	-
MIN VEHICLE REQUIRMENTS				
TRACTOR TYPE:	COMPACT & UTILITY	COMPACT & UTILITY	COMPACT & UTILITY	UTILITY
MIN. HORSEPOWER:	22 HP	25 HP	35 HP	50 HP
MIN. HYDRAULIC PUMP:	-	-	-	8 GAL P/MIN
UTILITY VEHICLE TYPE:	-	-	-	-
MIN. CC:	-	-	-	-
WEIGHTS				
UNIT WEIGHT:	825 LBS	2,095 LBS	2,650 LBS	3,175 LBS
SHIPPING WEIGHT:	1,001 LBS	2,095 LBS	2,650 LBS	3,175 LBS
EMPTY TONGUE WEIGHT:	57 LBS	150 LBS	200 LBS	250 LBS
UNIT DIMENSIONS				
TOTAL LENGTH:	132" (11')	200" (16' 8")	234" (19' 6")	252" (21')
TOTAL WIDTH:	54" (4' 6")	72" (6')	86" (7' 2")	94" (7' 10")
TOTAL HEIGHT:	43" (3' 7")	59" (4' 11")	66" (5' 6")	68" (5' 8")
BOX LENGTH:	76" (6' 4")	100" (8' 4")	125" (10' 5")	140" (11' 8")
BOX WIDTH:	35" (2' 11")	40" (3' 4")	48" (4')	60" (5')
BOX HEIGHT:	19" (1' 7")	20" (1' 8")	24" (2')	23" (1' 11")
BOX FLARED WIDTH:	40" (3' 4")	45" (3' 9")	53" (4' 5")	68" (5' 8")
LOADING HEIGHT:	34" (2' 10")	43" (3' 7")	50" (4' 2")	53" (4' 5")
WARRANTY				
MECHANICAL	36 MONTHS	36 MONTHS	36 MONTHS	36 MONTHS
WORKMANSHIP:	36 MONTHS	36 MONTHS	36 MONTHS	36 MONTHS
POLY LUMBER FLOOR:	LIFETIME	LIFETIME	LIFETIME	LIFETIME

MAINTENANCE

LUBRICATION:

SPREADER GREASE POINTS ARE INDICATED BY THIS SYMBOL.



50 CUBIC FOOT SPREADERS HAVE 5 GREASE ZERKS THAT NEED TO BE GREASED EVERY 30 DAYS OR 30 USES. LARGER MODELS HAVE AN ADDITIONAL GREASE ZERK LOCATED ON EACH END OF THE TOP BEATER BAR ASSEMBLY FOR A TOTAL OF 7 GREASE ZERKS THAT NEED TO BE GREASED EVERY 30 DAYS OR 30 USES OR WHEN PUTTING IN STORAGE.

50 CUBIC FOOD SPREADERS HAVE 10 ANNUAL GREASE ZERKS NEEDING TWO TO THREE PUMPS OF GREASE PER YEAR. ALL OTHER PTO SPREADERS HAVE A TOTAL OF 11 ANNUAL GREASE ZERKS THAT SHOULD RECEIVE TWO TO THREE PUMPS OF GREASE ONCE A YEAR.

A FULL VIDEO SHOWING LUBRICATION POINTS CAN BE FOUND AT: [HTTPS://YOUTU.BE/KX3A0BF6XUM](https://youtu.be/KX3A0BF6XUM)

SPECIFIC GREASE LOCATIONS CAN BE FOUND ACCORDING TO THE TABLE BELOW.

50CF – 185CF : 30 DAY / 30 USE GREASE POINTS**			
LOCATION	# OF ZERKS	AMOUNT	GREASE TYPE
REAR RIGHT SIDE WEB DRIVE SHAFT	1	2 - 3 SQUIRTS	SYNTHETIC HIGH TEMPERATURE
REAR, RIGHT WIDESPREAD PADDLE BEARING	1	2 - 3 SQUIRTS	SYNTHETIC HIGH TEMPERATURE
REAR, LEFT WIDESPREAD PADDLE BEARING	1	2 - 3 SQUIRTS	SYNTHETIC HIGH TEMPERATURE
REAR BOTTOM RIGHT SIDE (WEB DRIVE BEARING)	1	2 - 3 SQUIRTS	SYNTHETIC HIGH TEMPERATURE
REAR BOTTOM LEFT SIDE (WEB DRIVE BEARING)	1	2 - 3 SQUIRTS	SYNTHETIC HIGH TEMPERATURE
85CF – 185CF : ADDITIONAL 30 DAY / 30 USE GREASE POINTS**			
REAR, RIGHT, TOP BEATER BAR BEARING (UNDERNEATH SHIELD)	1	2 - 3 SQUIRTS	SYNTHETIC HIGH TEMPERATURE
REAR, LEFT, TOP BEATER BAR BEARING	1	2 - 3 SQUIRTS	SYNTHETIC HIGH TEMPERATURE
50CF – 185CF : ANNUAL GREASE POINTS			
LEFT SIDE DRIVE ASSEMBLY (BACK)	1	1 SQUIRT	SYNTHETIC HIGH TEMPERATURE
LEFT SIDE ASSEMBLY (MIDDLE) *NOT PRESENT ON 50CF MODELS*	1	1 SQUIRT	SYNTHETIC HIGH TEMPERATURE
LEFT SIDE ASSEMBLY (FRONT)	2	1 SQUIRT	SYNTHETIC HIGH TEMPERATURE
FRONT, LEFT, BOTTOM CORNER (BEHIND THE SAFETY SHIELD)	1	2 - 3 SQUIRTS	SYNTHETIC HIGH TEMPERATURE
FRONT, RIGHT, BOTTOM CORNER (BEHIND THE SAFETY SHIELD)	1	2 - 3 SQUIRTS	SYNTHETIC HIGH TEMPERATURE
ENDS OF PTO SHAFT	2	2 - 3 SQUIRTS	SYNTHETIC HIGH TEMPERATURE
FRONT SWING JACK	1	2 - 3 SQUIRTS	SYNTHETIC HIGH TEMPERATURE
BEHIND RIGHT HUB	1	4 - 5 SQUIRTS	SYNTHETIC HIGH TEMPERATURE
BEHIND LEFT HUB	1	4 - 5 SQUIRTS	SYNTHETIC HIGH TEMPERATURE

****NOTE: 30 DAY/USE BEARINGS SHOULD BE FILLED UNTIL GREASE FLOWS OUT. THIS FLUSHES DIRT AND DEBRIS.**

TIRE MAINTENANCE:

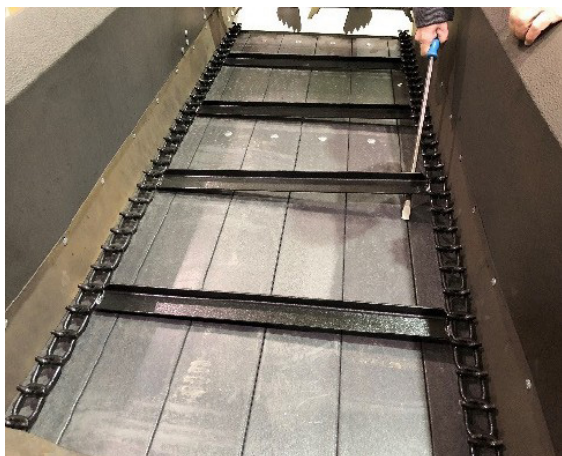
THE TIRES ON THE SPREADER SHOULD BE TORQUED DOWN TO 100-FOOT POUNDS AFTER THE FIRST USE AND THEN CHECKED ANNUALLY. TIRE PRESSURE SHOULD BE CHECKED UPON DELIVERY TO VERIFY THEY ARE INFLATED TO THE PROPER SPECIFICATIONS OF THE TIRE MANUFACTURER. THE TIRE PRESSURE SPECS CAN BE FOUND ON THE SIDEWALL OF THE TIRE. VISUALLY INSPECT THE TIRES BEFORE LOADING AND MANUALLY CHECK THE PRESSURE ANNUALLY. MAXIMUM TRANSPORT SPEED FOR THE SPREADER IS 30 MPH.

PRESSURE WASHING:

PRESSURE WASHING YOUR SPREADER WILL HELP PREVENT RUST. IT WILL HELP REMOVE THE NITROGEN RESIDUE LEFT ON THE SPREADER FROM THE MANURE. AFTER WASHING YOU SHOULD OIL THE CHAINS, RATCHET WHEELS, AND SPRINGS TO KEEP THEM FROM RUSTING AND KEEP THEM MOVING FREELY.

COLD WEATHER PRECAUTION:

USE CAUTION DURING COLD WEATHER TO MAKE SURE THE WEB DRIVE OR CONVEYOR SYSTEM IS NOT FROZEN DOWN TO THE BED OF THE SPREADER. USE A SHOVEL OR A PRYBAR (AS SHOWN IN THE PICTURE BELOW) AND LIFT THE CHAIN AWAY FROM THE BED TO MAKE SURE THEY ARE NOT FROZEN TOGETHER. BE SURE TO GET ALL SLATS AND BOTH SIDES PRIED FREE PRIOR TO OPERATING.

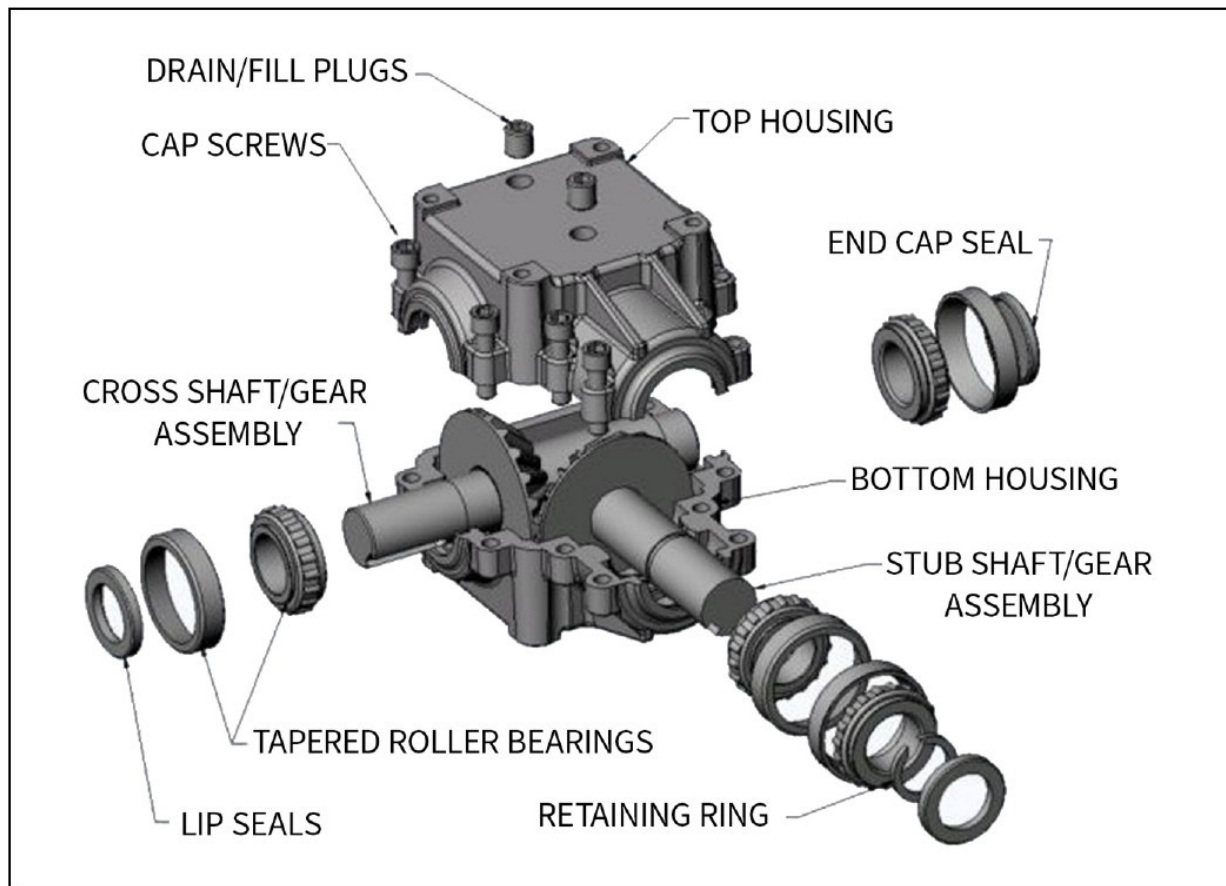


CAUTION: DO NOT LET LOADED MANURE SET IN THE BED DURING FREEZING CONDITIONS. ONCE IT FREEZES IT WILL HAVE TO BE THAWED OUT COMPLETELY BEFORE OPERATING THE SPREADER WITHOUT RISKING DAMAGE TO THE SPREADER. DAMAGE DUE TO IMPROPER USE – INCLUDING FREEZE DAMAGE. – FREEZE DAMAGE IS NOT COVERED BY THE MANUFACTURER’S WARRANTY.

PTO SHAFT MAINTENANCE:

THE PTO SHAFT SHOULD BE SLID APART ANNUALLY INTO TWO SECTIONS AND THE LARGER OF THE TWO METAL SECTIONS SHOULD BE SPRAYED WITH LITHIUM GREASE TO PREVENT THEM FROM RUSTING AND POSSIBLY GETTING STUCK TOGETHER.

GEAR BOX MAINTENANCE



- ALL ABI MODEL CLASSIC SPREADERS COME WITH MOBILUBE HD 80W-90 OIL IN THE GEAR BOX. WHEN REPLACING THE OIL IN THE GEAR BOX PUT IN MOBILUBE HD 80W-90 (OR EQUIVALENT) OIL ONLY. DO NOT COMBINE SYNTHETIC WITH NON-SYNTHETIC OILS INSIDE THE GEAR BOX.
- ROUTINELY INSPECT MOUNTING BOLTS, COUPLERS, AND OTHER HARDWARE TO ENSURE THAT ALL HARDWARE IS SECURE, AND TO ENSURE THE GEAR BOX IS FIRMLY ANCHORED.
- INSPECT DAILY FOR OIL LEAKS AND UNUSUAL NOISES. IF LEAKS OR UNUSUAL SOUNDS ARE FOUND, DISCONTINUE USE OF THE CLASSIC SPREADER AND CONTACT ABI CUSTOMER SERVICE.
- CHECK OIL LEVELS AFTER EVERY 24 HOURS OF OPERATION. SEE BELOW FOR INFORMATION ON ADDING OR CHANGING OIL.
- CHANGE OIL IN THE GEAR BOX AFTER THE FIRST 50 HOURS OF USE. NORMAL CHANGES AFTER INITIAL OIL CHANGE SHOULD OCCUR BETWEEN 250 AND 1000 HOURS OF OPERATION. OIL CHANGES MAY NEED TO BE MORE FREQUENT FOR HIGH VOLUME USE OR WHEN USED IN SEVERE ENVIRONMENTS. ALWAYS REPLACE OIL IN GEAR BOX WITH MOBILUBE HD 80W-90 OIL OR EQUIVALENT ONLY.

ADDING OR CHANGING GEAR BOX OIL:

LOCATE THE FILL PLUG WITH BREATHER ON THE TOP OF THE GEAR BOX. USING THE APPROPRIATE TOOLS, REMOVE THE FILL PLUG FROM THE GEAR BOX TO ADD OIL. CHECK TO MAKE SURE THE OIL LEVEL INSIDE THE GEAR BOX DOES NOT EXCEED MORE THAN HALF FULL. IF THE OIL IN GEAR BOX IS OVERFULL, IT MAY CAUSE DAMAGE TO THE GEAR BOX.

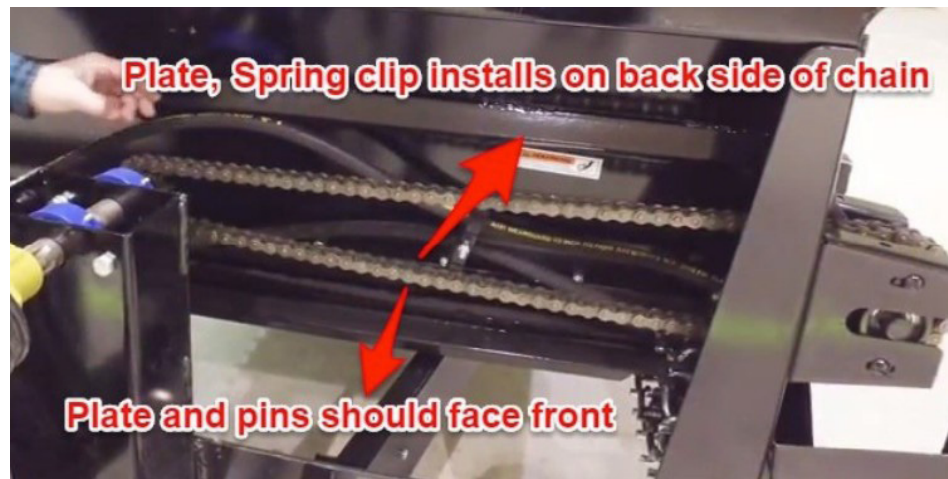
CHAIN CARE:



LUBRICATE DRIVE CHAINS (PICTURED ABOVE) EVERY THREE TO SIX MONTHS – DEPENDING ON FREQUENCY OF USE – WITH AEROSOL CHAIN LUBRICANT OR REGULAR MOTOR OIL WHICH CAN BE APPLIED WITH A PAINT BRUSH.

CHAINS SHOULD BE INSPECTED REGULARLY TO MAKE SURE THEY ARE LUBRICATED. DRY CHAINS STRETCH AND WEAR QUICKER AND ARE PRONE TO RUST WHICH CAN CAUSE THEM TO BIND AND BREAK.

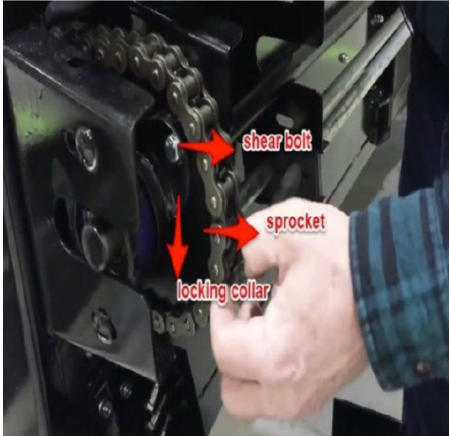
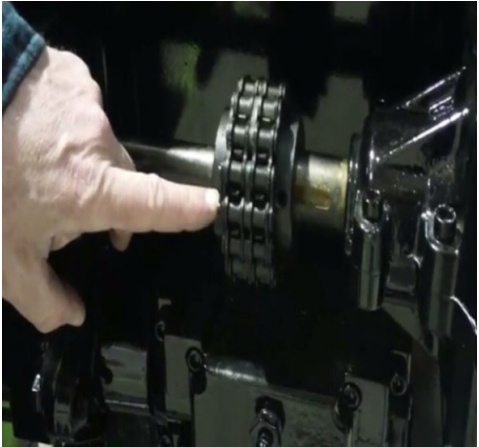
HOW TO REPLACE OR INSTALL A MASTER LINK:



THE MASTER LINK IS MADE UP OF THREE PIECES. THE PLATE AND PINS, THE PLATE, AND SPRING CLIP.

AS SEEN IN THE PICTURES ABOVE, WHEN INSTALLING A MASTER LINK ON A CHAIN, BE SURE THAT THE PLATE AND PIN SECTION ARE INSERTED SO THAT THE BASE OF THE PLATE FACES TOWARDS THE HOUSING OF THE BEARING OR RATCHET GEAR. OTHERWISE, THE SPRING CLIP CAN RUB AGAINST THE HOUSING OR GEAR AND CAUSE IT TO COME UNCLIPPED RESULTING IN THE CHAIN COMING OFF. AFTER INSERTING THE PLATE AND PINS INTO BOTH ENDS OF CHAIN, INSTALL THE PLATE AND LOCK IT ON WITH THE SPRING CLIP. BE SURE THE SPRING CLIP IS ATTACHED FULLY TO BOTH PINS.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE/SOLUTION
PTO SHAFT IS TURNING BUT THE SHREDDER BARS AND WIDESPREAD PADDLES ARE NOT FUNCTIONING.	ON THE LEFT FRONT CORNER OF YOUR SPREADER THERE IS A HINGED HOOD AREA, UNLATCH AND LOWER THE HOOD. CHECK TO SEE IF THE SHEAR BOLT HAS BROKEN. IF SO IN THE HOOD ARE EXTRA 5/16" X 1 1/4" GRADE 2 BOLTS WITH NUTS AND WASHERS. YOU WILL NEED TO ALIGN THE HOLE IN THE LOCKING COLLAR WITH THE HOLE IN THE SPROCKET AND THEN REPLACE THE BOLT, WASHER, AND NUT AND TIGHTEN DOWN. REPLACEMENT SHEAR BOLTS CAN BE PURCHASED AT A LOCAL HARDWARE STORE JUST BE SURE TO GET A GRADE 2 BOLT. 
PTO SHAFT IS TURNING BUT THE SHREDDER BARS AND WIDESPREAD PADDLES ARE NOT FUNCTIONING, BUT SHEAR BOLT IS NOT BROKEN.	VERIFY THAT YOUR DOUBLE ROLLER CHAIN IS STILL ATTACHED. TO DO THIS, REMOVE THE GUARD ON THE LEFT SIDE OF THE SPREADER. 

TROUBLESHOOTING (CONT'D)

PROBLEM	POSSIBLE CAUSE/SOLUTION
PTO SHAFT IS TURNING BUT THE SHREDDER BARS AND WIDESPREAD PADDLES ARE NOT FUNCTIONING, BUT SHEAR BOLT IS NOT BROKEN, AND THE DOUBLE ROLLER CHAIN IS ATTACHED.	VERIFY THE KEYWAYS FOR THE LONG DRIVE SHAFT AND THE SHAFT THAT EXTENDS OUT OF THE GEARBOX ARE NOT BROKEN. TO CHECK THIS, REMOVE THE MASTER LINK FOR THE DOUBLE ROLLER AND SLIDE BACK THE SPROCKETS AND SEE IF THE KEYWAY IS INTACT. IF THE KEYWAY IS BAD YOU CAN PURCHASE IT AT A LOCAL HARDWARE STORE, IT IS A ¼" X ¼" X 1" KEYWAY.
PTO SHAFT IS TURNING BUT THE SHREDDER BARS AND WIDESPREAD PADDLES ARE NOT FUNCTIONING, BUT SHEAR BOLT IS NOT BROKEN, AND THE DOUBLE ROLLER CHAIN IS ATTACHED, AND KEYWAYS ARE INTACT.	CHECK THE KEYWAY AT THE REAR OF THE SPREADER (LEFT SIDE) INSIDE THE COUPLER THAT CONNECTS THE GEARBOX TO THE LOWER BEATER BAR SHAFT TO MAKE SURE IT IS INTACT. IF BROKEN, REPLACE WITH ¼" X ¼" X 1" KEYWAY. 

CONTACT INFORMATION

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Email: abcustomerservice@abiattachments.com
Web: abiattachments.com/support

For additional information on this equipment, or to order replacement parts, please contact our Customer Support Team at 877-788-7253 to speak with one of our representatives.

Additional support videos are available at the ABI Support Page under each tool.

Warranty and return policy information can also be found on the ABI Support Page under each tool. For additional questions regarding warranty or return policy, please contact our Customer Support Team at 877-788-7253 to speak with one of our representatives.



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