


WARNING SKID STEER FORKLIFT ATTACHMENT

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. If any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

 **WARNING:** This product can expose you to chemicals including Chromium from steel products, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov

WARNING this attachment's capacity changes depending on the Skid Steer Loader it is hooked up to.

CAPACITIES AT 24" LOAD CENTER

SR175 Case Approximately 1,350 pounds S450 Bobcat Approximately 900 pounds

NEVER use this attachment to lift personnel for any reason!

GENERAL INFORMATION

Some illustrations in the following manual show the attachment with the lock plate removed to provide a better view. The attachment should never be operated with the lock plate removed.

The purpose of this manual is to assist you in operating and maintaining your attachment. Read it carefully. It furnishes information and instructions that will help you achieve years of dependable performance. These instructions have been compiled from extensive field experience and engineering data. Some information may be general in nature due to unknown and varying operating conditions. However, through experience and these instructions, you should be able to develop procedures suitable to your particular situation. The illustrations and data used in this manual were current at the time of printing, but due to possible inline production changes, your machine may vary slightly in detail. We reserve the right to redesign and change the machines as may be necessary without notification. Throughout this manual, references are made to right and left directions. These are determined by standing behind the equipment facing the direction of forward travel.

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. **If** there is any doubt as to the operation or safety of the equipment. **DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!! FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH**

SAFETY RULES



ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!



Safety is a primary concern in the design and manufacture of our products. Unfortunately, our efforts to provide safe equipment can be wiped out by an operator's single careless act.

In addition to the design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern, judgement, and proper training of personnel involved in the operation, transport, maintenance, and storage of equipment.

It has been said, "The best safety device is an informed, careful operator." We ask you to be that kind of operator.

TRAINING

- Safety instructions are important! Read all attachment and power unit manuals; follow all safety rules and safety decal information. (Replacement manuals and safety decals are available from your dealer. To locate your nearest dealer, check the Dealer Locator at www.WoodsEquipment.com, or in the United States and Canada call 1-800-319-6637.) Failure to follow instructions or safety rules can result in serious injury or death.
- If you do not understand any part of this manual and need assistance, see your dealer.
- Know your controls and how to stop engine and attachment quickly in an emergency.
- Operators must be instructed in and be capable of the safe operation of the equipment, its attachments, and all controls. Do not allow anyone to operate this equipment without proper instructions.
- Never allow children or untrained persons to operate equipment.

PREPARATION

- Check that all hardware is properly installed. Always tighten to torque chart specifications unless instructed otherwise in this manual.
- Counterweight ballast may be required for machine stability. Check your power unit manual or contact your dealer.
- Power unit must be equipped with ROPS and seat belt/operator restraint. Keep seat belt/operator restraint securely fastened/engaged. Falling off power unit can result in death from being run over or crushed. Keep ROPS systems in place at all times.
- Be sure attachment is properly secured, adjusted, and in good operating condition. Coupler

lockpins must be fully extended and properly engaged into attachment retaining slots.

- Make sure all safety decals are installed. Replace if damaged. (See Safety Decals section for location.)

OPERATION

- Improper operation can cause the machine to tip or roll over and cause injury or death.
 - Keep power unit lift arms and attachment as low as possible.
 - Do not travel or turn with power unit lift arms and attachment raised.
 - Turn only on level ground.
 - Go up and down slopes, not across them.
 - Keep the heavy end of the machine uphill.
 - Do not overload the machine.
- Never use attachment to carry loads that exceed the rated operating capacity or other specifications of the power unit. Check your power unit manual or see your dealer for rated operating capacity. Exceeding this capacity can cause machine to tip, roll over, or present other hazards that can cause injury or death.
- Do not allow bystanders in the area when operating, attaching, removing, assembling, or servicing equipment.
- Do not put Dura-Fork into service without forks properly engaged on frame rails and fork lockplate secured in place. Fork locks must be engaged into fork lock notches. Replace if damaged.
- Consult local utilities before digging. Know location and depth of all underground cables, pipelines, and other hazards in working area and avoid contact.
- Contact with high voltage, overhead power lines, underground cables, gas lines, and other hazards can cause serious injury or death from electrocution, explosion, or fire.
- Keep bystanders away from equipment.
- Do not operate or transport equipment while under the influence of alcohol or drugs.
- Operate only in daylight or good artificial light.
- Keep hands, feet, hair, and clothing away from equipment while engine is running. Stay clear of all moving parts.
- Always comply with all state and local lighting and marking requirements.

(Safety Rules continued on next page)

SAFETY RULES



ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!



(Safety Rules continued from previous page)

- Do not allow riders. Do not lift or carry anybody on the power unit or attachments.
- Always sit in power unit seat when operating controls or starting engine. Securely fasten seat belt/operator restraint, place transmission in park or neutral, engage brake and ensure all other controls are disengaged before starting power unit engine.
- Look down and to the rear and make sure area is clear before operating in reverse.
- Use extreme care when working close to fences, ditches, other obstructions, or on hillsides.
- Use caution when handling loose or shiftable loads.
- Allow for forklift length when making turns.
- Stop the forks gradually when lowering or lifting.
- Do not stop, start, or change directions suddenly on slopes.
- Use extreme care and reduce ground speed on slopes and rough terrain.
- Watch for hidden hazards on the terrain during operation.
- Stop power unit and implement immediately upon striking an obstruction. Dismount power unit, using proper procedure. Inspect and repair any damage before resuming operation.
- Leak down or failure of mechanical or hydraulic system can cause equipment to drop.
- **AVOID INJURY OR DEATH FROM FALLING OBJECTS:**
 - Do not carry round hay bales, logs, fence posts, stones, or any other loose objects that can roll, shift, or fall from a raised forklift and crush operator or bystanders.
 - Loads should be secured on pallets.
 - Handle all raised loads with caution.
 - Carry loads low and drive slowly.
- Before leaving operator's seat, lower lift arms and put attachment on the ground. Engage brake, stop engine, remove key, and remove seat belt.

MAINTENANCE

- **NEVER GO UNDERNEATH EQUIPMENT.** Never place any part of the body underneath equipment or between moveable parts even when the engine

has been turned off. Hydraulic system leak-down, hydraulic system failures, mechanical failures, or movement of control levers can cause equipment to drop or rotate unexpectedly and cause severe injury or death.

- Service work does not require going underneath.
- Read Operator's Manual for service instructions or have service performed by a qualified dealer.
- Do not modify or alter or permit anyone else to modify or alter the equipment or any of its components in any way.
- Always wear relatively tight and belted clothing to avoid getting caught in moving parts. Wear sturdy, rough-soled work shoes and protective equipment for eyes, hair, hands, hearing, and head; and respirator or filter mask where appropriate.
- Be sure attachment is properly secured, adjusted, and in good operating condition. Coupler lockpins must be fully extended and properly engaged into attachment retaining slots.
- Never perform service or maintenance with engine running.
- Do not allow bystanders in the area when operating, attaching, removing, assembling, or servicing equipment.
- Keep all persons away from operator control area while performing adjustments, service, or maintenance.
- Tighten all bolts, nuts, and screws to torque chart specifications. Check that all cotter pins are installed securely to ensure equipment is in a safe condition before putting unit into service.
- Make sure all safety decals are installed. Replace if damaged. (See Safety Decals section for location.)
- Leak down or failure of mechanical or hydraulic system can cause equipment to drop.

STORAGE

- Block equipment securely for storage.
- Follow manual instructions for storage.
- Keep children and bystanders away from storage area.
- Store on level, solid ground.

OPERATION

The operator is responsible for the safe operation of the equipment. The operator must be properly trained. Operators should be familiar with this equipment, the tractor, and all safety practices before starting operation. Read the safety rules and safety decals on page 5 through page 7.

WARNING

■ Safety instructions are important! Read all attachment and power unit manuals; follow all safety rules and safety decal information. (Replacement manuals and safety decals are available from your dealer. To locate your nearest dealer, check the Dealer Locator at www.WoodsEquipment.com, or in the United States and Canada call 1-800-319-6637.) Failure to follow instructions or safety rules can result in serious injury or death.

■ Never allow children or untrained persons to operate equipment.

■ Power unit must be equipped with ROPS and seat belt/operator restraint. Keep seat belt/operator restraint securely fastened/engaged. Falling off power unit can result in death from being run over or crushed. Keep ROPS systems in place at all times.

■ **NEVER GO UNDERNEATH EQUIPMENT.** Never place any part of the body underneath equipment or between moveable parts even when the engine has been turned off. Hydraulic system leak-down, hydraulic system failures, mechanical failures, or movement of control levers can cause equipment to drop or rotate unexpectedly and cause severe injury or death.

- Service work does not require going underneath.
- Read Operator's Manual for service instructions or have service performed by a qualified dealer.

■ Do not allow bystanders in the area when operating, attaching, removing, assembling, or servicing equipment.

■ Before leaving operator's seat, lower lift arms and put attachment on the ground. Engage brake, stop engine, remove key, and remove seat belt.

This Dura-Fork fits Bobcat, New Holland, John Deere, Case, and other skid steers equipped with a Bob-tach compatible coupler. Read the skid steer operator's manual for instructions on proper skid steer operation and safety.

ATTACHING DURA-FORK TO SKID STEER

WARNING

■ Be sure attachment is properly secured, adjusted, and in good operating condition. Coupler lockpins must be fully extended and properly engaged into attachment retaining slots.

Read the skid steer operator's manual connecting and removing instructions.

The skid steer coupler handles should be in the unlocked position and the lockpins retracted (Figure 1).

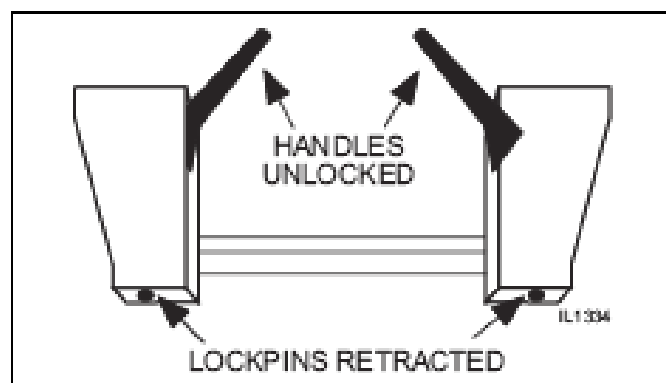


Figure 1. Skid Steer Coupler Handles - Unlocked

Move to the skid steer operator seat, fasten seat belt, engage operator restraint, and start engine.

Lower skid steer lift arms to their lowest position.

Carefully move and align the skid steer coupler to the Dura-Fork. The top of the skid steer coupler must index into the Dura-Fork flange (Figure 2).

Roll the skid steer coupler into the Dura-Fork flange so the coupler handles can be engaged.

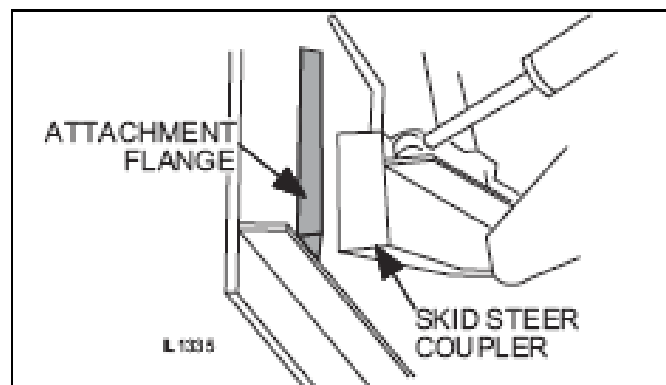


Figure 2. Attaching Dura-Fork to Skid Steer

Shut off the engine, set brake, remove key, remove seat belt, and release operator restraint. Dismount the skid steer.

Move the skid steer coupler handles to the locked position. The lockpins must be completely extended and secured into the retaining slots provided on the Dura-Fork (Figure 3 and Figure 4).

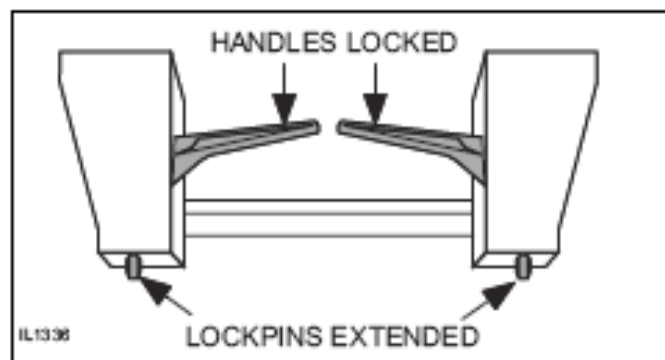


Figure 3. Skid Steer Coupler Handles - Locked

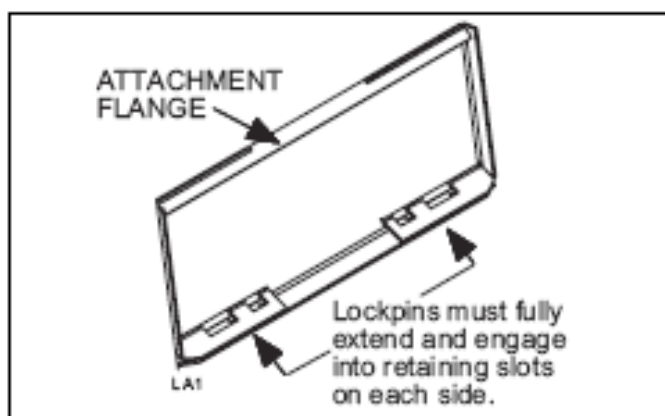


Figure 4. Retaining Slot Locations
Back View of Attachment

OPERATING IMPLEMENT

WARNING

■ Improper operation can cause the machine to tip or roll over and cause injury or death.

- Keep power unit lift arms and attachment as low as possible.
- Do not travel or turn with power unit lift arms and attachment raised.
- Turn only on level ground.
- Go up and down slopes, not across them.
- Keep the heavy end of the machine uphill.
- Do not overload the machine.

■ Never use attachment to carry loads that exceed the rated operating capacity or other specifications

of the power unit. Check your power unit manual or see your dealer for rated operating capacity. Exceeding this capacity can cause machine to tip, roll over, or present other hazards that can cause injury or death.

WARNING

■ AVOID INJURY OR DEATH FROM FALLING OBJECTS:

- Do not carry round hay bales, logs, fence posts, stones, or any other loose objects that can roll, shift, or fall from a raised forklift and crush operator or bystanders.
- Loads should be secured on pallets.
- Handle all raised loads with caution.
- Carry loads low and drive slowly.

Do not use for shifting loads such as logs or poles.

Do not use for digging rocks or lifting concrete slabs.

Do not exceed skid steer rated operating capacity with the load centered 24" from the lift mast.

Carry load equally on both forks.

Stop the forks at low position during transport.

Use adequate skid steer ballast to provide stability and good steering control. Do not lift or carry loads that extend above the back guard. Material may fall into the operator control area.

ADJUSTING FORK SPACING

WARNING

■ Do not put Dura-Fork into service without forks properly engaged on frame rails and fork lockplate secured in place. Fork locks must be engaged into fork lock notches. Replace if damaged.

■ Before leaving operator's seat, lower lift arms and put attachment on the ground. Engage brake, stop engine, remove key, and remove seat belt.

Lower Dura-Fork frame to rest securely on 2x4 wood blocks or other stable support that will position the fork no more than 2" (maximum) above ground surface. Blocks must be placed under each end of the fork frame. The blocks are required so that the attachment is completely lowered and supported before leaving the operator's seat.

Shut off engine, set brake, and remove key before leaving the skid steer operator's seat.

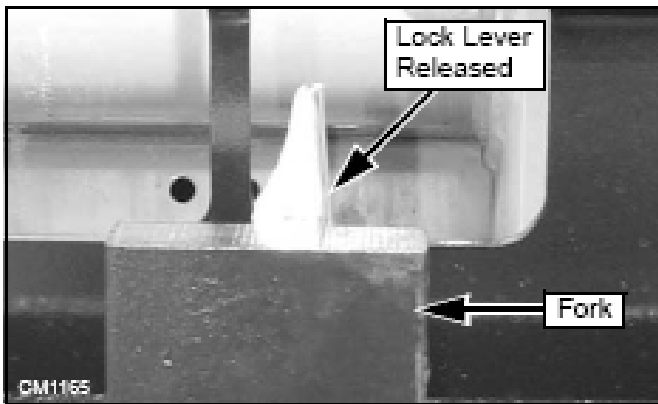


Figure 5. Lock Lever - Released

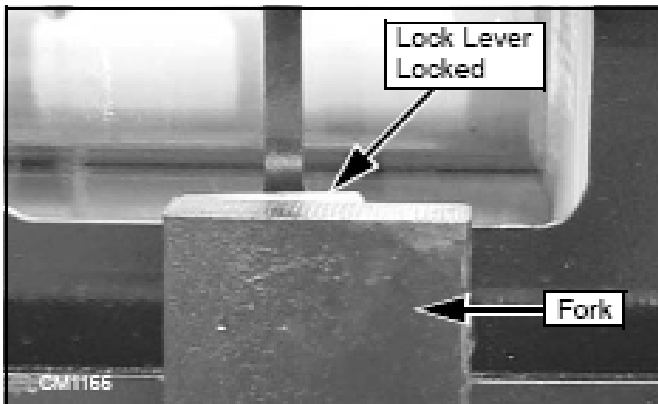


Figure 6. Lock Lever - Locked



Figure 7. Lock Knob - Released



Figure 8. Lock Knob - Locked

LOCK LEVER

Raise fork locking lever up to "release" position (see Figure 5). Slide fork to desired fork lock notch on upper fork rail. Lower lock lever to engage lock in notch (see Figure 6).

LOCK KNOB

Raise and twist lock knob up to "release" position (see Figure 7). Slide fork to desired fork lock notch on upper fork rail. Twist and lower lock knob to engage lock in notch (see Figure 8).

REMOVING FROM SKID STEER

On a hard level surface, lower attachment to the ground.

Shut off engine, set brake, remove key, remove seat belt and release operator restraint before leaving the skid steer operator's seat.

Move skid steer coupler handles to the unlocked position (Figure 1). Lockpins must be disengaged from attachment retaining slots.

Move to the skid steer operator seat, fasten seat belt, engage operator restraint, and start engine.

Release brake and roll skid steer coupler until it is disengaged from the attachment. The attachment should be placed in storage position.

STORAGE

⚠ WARNING

- Block equipment securely for storage.

⚠ CAUTION

- Keep children and bystanders away from storage area.

Inspect the Dura-Fork thoroughly and prepare for storage. Repair or replace any damaged components.

Remove Dura-Fork as described in "Removing From Skid Steer." Rest forks flat on the ground in a stable position.