SAFETY

ASSEMBLY

OPERATION

MAINTENANCE

PARTS

SLEEVE HITCH

CAUTION:
Read Rules for Safe Operation and Instructions Carefully

- Safety
- Assembly
- Operation
- Maintenance
- Parts

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SAFETY RULES

1. Read this owners manual and your vehicle and implement 
owners manuals before using this hitch.
2. Do not allow children to operate vehicle or sleeve hitch.
3. Do not allow adults to operate the vehicle or sleeve hitch 
without proper instructions.
4. Do not allow anyone to ride on sleeve hitch.
5. Always place sleeve hitch in lowered position when 
attaching an implement.
6. Before lowering and operating the implement, be sure 
no one is near the area of operation.
7. Lower the sleeve hitch and implement when leaving 
vehicle unattended.
8. Vehicle braking and stability may be affected. Drive slowly 
when sleeve hitch and implement are in raised position. 
**Stay off of steep slopes.**
9. Keep all nuts and bolts tight and be sure the equipment 
is in safe operating condition.

HARDWARE PACKAGE (SHOWN FULL SIZE)

<table>
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<th>KEY</th>
<th>QTY.</th>
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**NOTE:** Bolt (C), Lock Washer (L) and Nut (K) will not be 
used unless the mounting holes in the tractor do not already 
contain bolts and nuts.
CARTON CONTENTS

1. Sleeve Hitch Frame Assembly
2. Mounting Bracket, Right
3. Mounting Bracket, Left
4. Mounting Bracket, Right
5. Mounting Bracket, Left
6. L.H. Pivot Bracket
7. Lifting Link Plate
8. Sleeve Hitch Lift Assembly
9. Lift Lever Assembly (with R.H. Pivot Bracket)
10. Hitch Pin

ASSEMBLY

TOOLS REQUIRED FOR ASSEMBLY

(1) 1/2" Wrench or Adjustable Wrench
(2) 9/16" Wrenches or Adjustable Wrenches
(1) 15/16" Wrenches or Adjustable Wrenches

1. Assemble a 5/16" x 1" hex bolt, a spacer and a 5/16" nylock nut to the hole in the R.H. pivot bracket. See figure 1.

IF THE BACK OF YOUR TRACTOR DOES NOT LOOK LIKE THE DRAWINGS ON THIS PAGE, SKIP TO STEP 4 ON PAGE 4.

IF THE MOUNTING BRACKETS WILL NOT FIT AS SHOWN IN THIS STEP, SKIP TO STEP 3 BELOW.

2. Install two 3/8" x 1-1/4" hex bolts in each side of the tractor as shown. Attach the right and left Mounting Brackets (items 2 and 3 in carton contents) to the bolts using two 3/8" lock washers and 3/8" hex nuts. The weld pins must face inward. See figure 2.

USE THESE INSTRUCTIONS IF THE MOUNTING BRACKETS DID NOT FIT IN STEP 2.

3. Install two 3/8" x 1-1/4" hex bolts in each side of the tractor as shown. Attach the right and left Mounting Brackets (items 4 and 5 in carton contents) to the bolts using two 3/8" lock washers and 3/8" hex nuts. The weld pins must face inward. See figure 3.
USES THESE INSTRUCTIONS IF THE BACK OF YOUR TRACTOR LOOKS LIKE THIS DRAWING.

4. Remove the nuts from the two bolts in each side of the tractor, leaving the bolts in place. See figure 4.
5. Attach the right and left Mounting Brackets (items 2 and 3) to the bolts using the original nuts and two 3/8" flat washers. The weld pins face inward at the top of the brackets. See figure 4.

NOTE: If no bolt and nut are present in a hole, use a 3/8" x 1-1/4" hex bolt, 3/8" lock washer and 3/8" hex nut to attach the Mounting Bracket to the hole.

FIGURE 4

FOR ALL TRACTORS

6. Place the L.H. Pivot Bracket onto the end of the Lift Lever Assembly (the R.H. Pivot Bracket comes already installed on the assembly). See figure 5.

FIGURE 5

8. Hook the Sleeve Hitch Frame Assembly onto the weld pins in the mounting brackets. Attach the bottom of the Assembly to the tractor hitch using a 5/8" x 1-3/4" hex bolt and a 5/8" nylock nut. See figure 6.

NOTE: If your tractor hitch has ridges that prevent the sleeve hitch assembly from resting flat, place the spacer plate underneath the sleeve hitch assembly.

FIGURE 6
9. Assemble the two 5/8" jam nuts halfway onto the two 5/8" x 2" hex bolts. Screw the bolts into the nuts that are welded to the Sleeve Hitch Lift Assembly. Tighten the jam nuts against the welded nuts. See figure 7.
10. Assemble the lifting link to the Sleeve Hitch Lift Assembly using a 5/8" x 1-3/4" hex bolt and a 5/8" nylock nut. Use the bottom hole in the lifting link (gives the lowest implement depth setting). Tighten the nut only until snug. Do not squeeze the welded arms together. See figure 7.

**OPERATION**

1. Move the lift lever backward to lower the sleeve hitch.
2. Attach an implement using the sleeve hitch pin. Tighten the 5/8" x 2" stabilizer bolts against the implement hitch and then tighten the jam nuts. See figure 7 on page 5.

**IMPORTANT:** Some implements may require that the stabilizer bolts not be tightened. Refer to your implement owner's manual.

3. The sleeve hitch is assembled in the lowest position by following the assembly instructions. If the implement attached to the sleeve hitch is not level front to back during operation, move the hex bolt to a different hole in the lifting link (3 holes available) that gives better leveling.

4. To tow an implement that has a tow hitch, simply remove three clevis pins and then remove the Sleeve Hitch Lift Assembly from the Sleeve Hitch Frame Assembly.

5. To remove the entire Sleeve Hitch attachment, remove the 5/8" x 1-3/4" hex bolt and 5/8" nylock nut which fasten the bottom of the sleeve hitch to the tractor hitch, then lift the attachment off the tractor.

**MAINTENANCE**

1. Clean off after each use.
2. Oil pivot points as needed.
3. Store in a dry location.
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