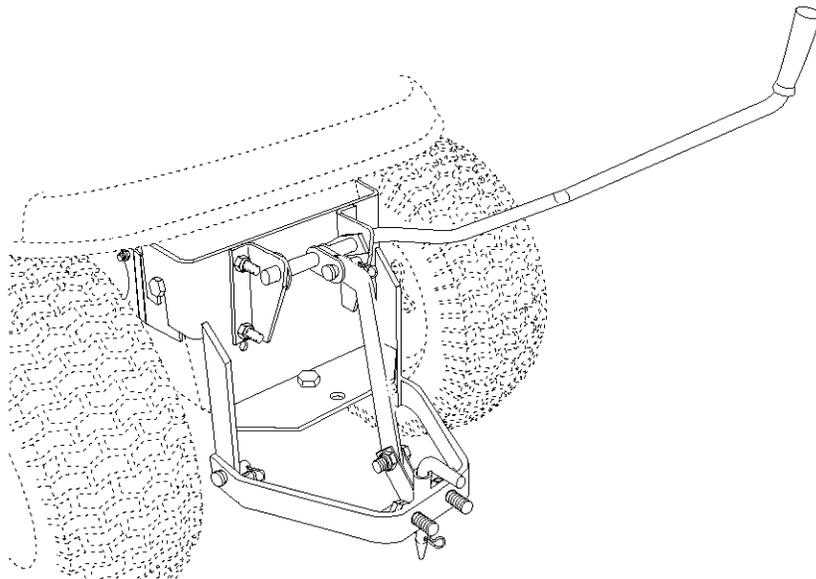


Owner's Manual

CRAFTSMAN[®]

SLEEVE HITCH

Model No. 486.24535



CAUTION:

Before using this product, read this manual and follow all Safety Rules and Operating Instructions.

- Safety
- Assembly
- Operation
- Maintenance
- Parts

IMPORTANT - READ THIS FIRST!!!

For Missing Parts or Assembly Questions
Please Call 866-576-8388
Mon.-Fri. 7 am - 5 pm CST.

FAX 217-728-2032 or e-mail info@agri-fab.com

Missing parts will be sent UPS in 24 hours directly to your home.

Sears, Roebuck and Co., Hoffman Estates, IL 60179 U.S.A.
www.sears.com/craftsman

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WARRANTY

LIMITED ONE YEAR WARRANTY ON CRAFTSMAN SLEEVE HITCH

For one year from the date of purchase, when this sleeve hitch is maintained and lubricated according to the operating and maintenance instructions in the owner's manual, Sears will repair any defect in material or workmanship free of charge. If this sleeve hitch is used for commercial or rental purposes, this warranty applies for only 90 days from the date of purchase.

This warranty does not cover repairs necessary because of operator negligence or abuse, including the failure to maintain the equipment according to instructions contained in the owner's manual.

WARRANTY SERVICE IS AVAILABLE BY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES.

This warranty applies only while this product is in the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Sears, Roebuck and Co. D/817 WA. Hoffman Estates, Chicago, IL 60179



SAFETY



Any power equipment can cause injury if operated improperly or if the user does not understand how to operate the equipment. Exercise caution at all times, when using power equipment.

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



Look for this symbol to point out important safety precautions. It means--**Attention!! Become alert!! Your safety is involved.**

The model number and serial numbers will be found on a decal attached to the frame.

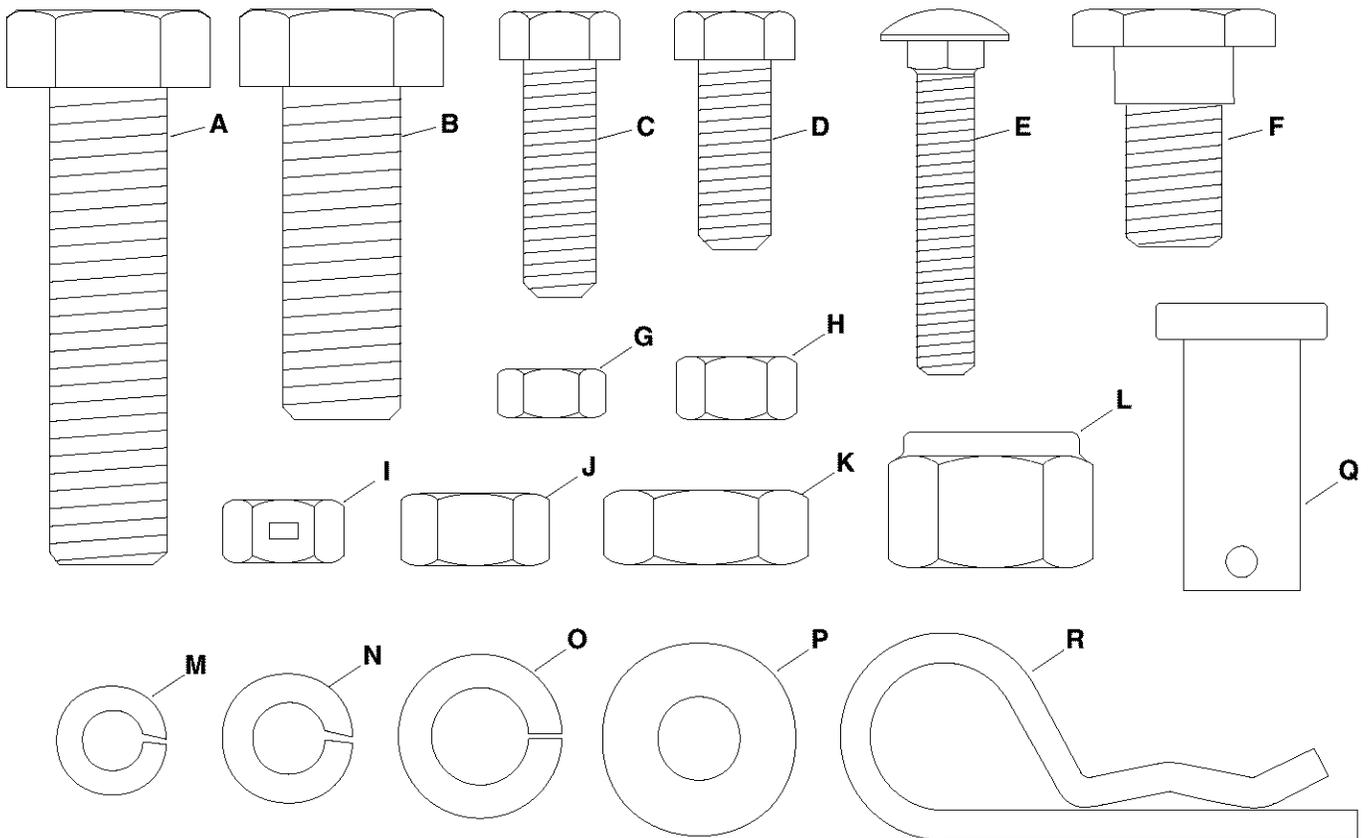
You should record both the serial number and the date of purchase and keep in a safe place for future reference.

MODEL NUMBER: 486.24535

SERIAL NUMBER: _____

DATE OF PURCHASE: _____

HARDWARE PACKAGE CONTENTS

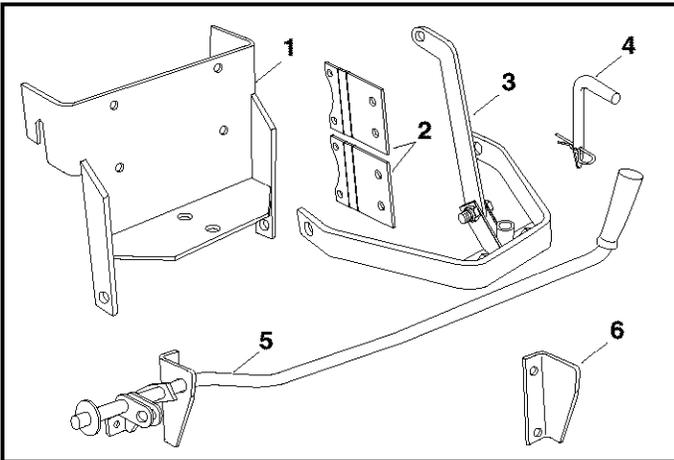


KEY	QTY.	DESCRIPTION	KEY	QTY.	DESCRIPTION
A	2	Hex Bolt, 5/8" x 2-1/2"	J	2	Hex Nut, 1/2"
B	1	Hex Bolt, 5/8" x 1-3/4"	K	2	Jam Nut, 5/8"
C	4	Hex Bolt, 3/8" x 1-1/4"	L	1	Nylock Nut, 5/8"
D	4	Hex Bolt, 3/8" x 1"	M	1	Lock Washer, 5/16"
E	1	Carriage Bolt, 5/16" x 1-3/4"	N	4	Lock Washer, 3/8"
F	2	Shoulder Bolt	O	2	Lock Washer, 1/2"
G	1	Hex Nut, 5/16"	P	2	Flat Washer, 3/8"
H	4	Hex Nut, 3/8"	Q	3	Clevis Pin
I	4	Hex Lock Nut, 3/8"	R	3	Hair Cotter Pin

NOTE: Bolt (C), Lock Washer (N) and Nut (H) will not be used unless the mounting holes in the tractor do not already contain bolts and nuts.

ASSEMBLY

CARTON CONTENTS



1. Sleeve Hitch Frame Assembly
 2. Mounting Brackets (2)
 3. Sleeve Hitch Lift Assembly
 4. Hitch Pin with 5/32" Hair Cotter Pin
 5. Lift Lever Assembly (with R.H. Pivot Bracket)
 6. L.H. Pivot Bracket
- Hardware Package (see page 3)

TOOLS REQUIRED FOR ASSEMBLY

- (1) 1/2" Wrench or Adjustable Wrench
- (2) 9/16" Wrenches or Adjustable Wrenches
- (1) 5/8" Wrench
- (1) 11/16" Wrench
- (1) 3/4" Wrench or Adjustable Wrench
- (1) 15/16" Wrenches or Adjustable Wrenches

- Assemble the 5/16" hex nut and then the 5/16" lock washer onto the 5/16" x 1-3/4" carriage bolt. Screw the bolt into the nut welded to the stop bracket on the handle. The bolt is a depth adjustment for attached implements. See figure 1.

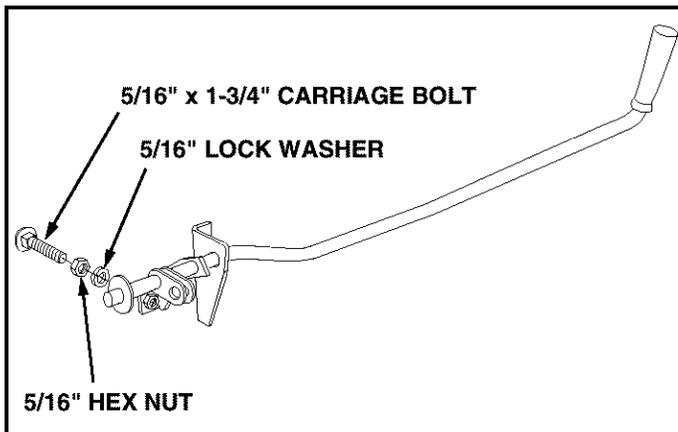


FIGURE 1

- Remove the nuts from the two bolts in each side of the tractor, leaving the bolts in place. See figure 2.
- Attach the Mounting Brackets to the bolts using the original nuts and two 3/8" flat washers. The brackets should be turned so that the bends increase the distance between the rear of the brackets. See Figure 2.

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.

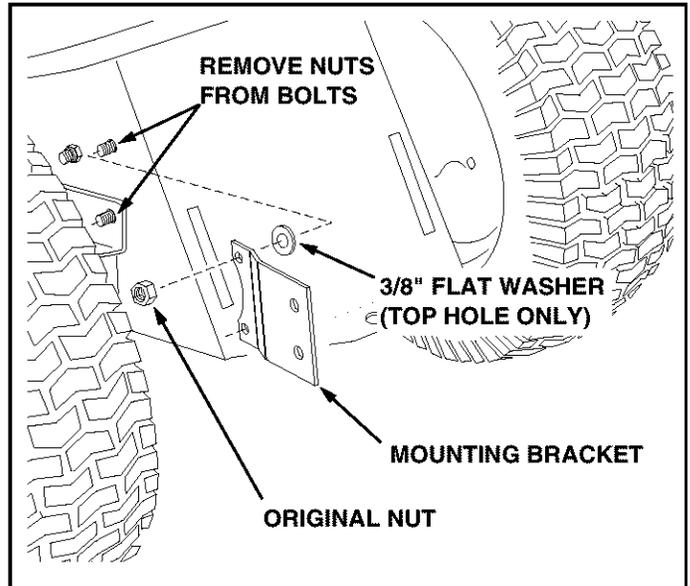


FIGURE 2

- Assemble a shoulder bolt to each mounting bracket using a 1/2" lock washer and 1/2" hex nut. See figure 3.

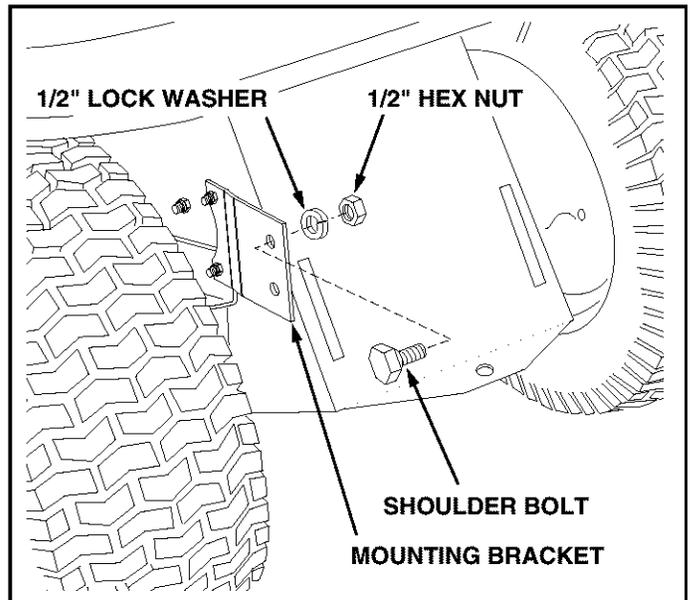


FIGURE 3

- 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 4.
- Attach the R.H. and L.H. Pivot Brackets to the Sleeve Hitch Frame Assembly using four 3/8" x 1" hex bolts and 3/8" hex lock nuts. See Figure 4.

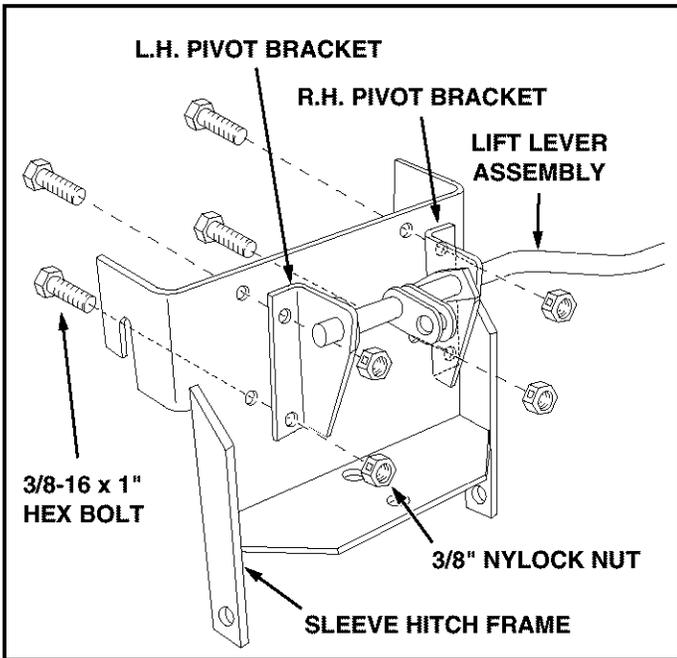


FIGURE 4

- Hook the Sleeve Hitch Frame Assembly onto the shoulder bolts 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 5.

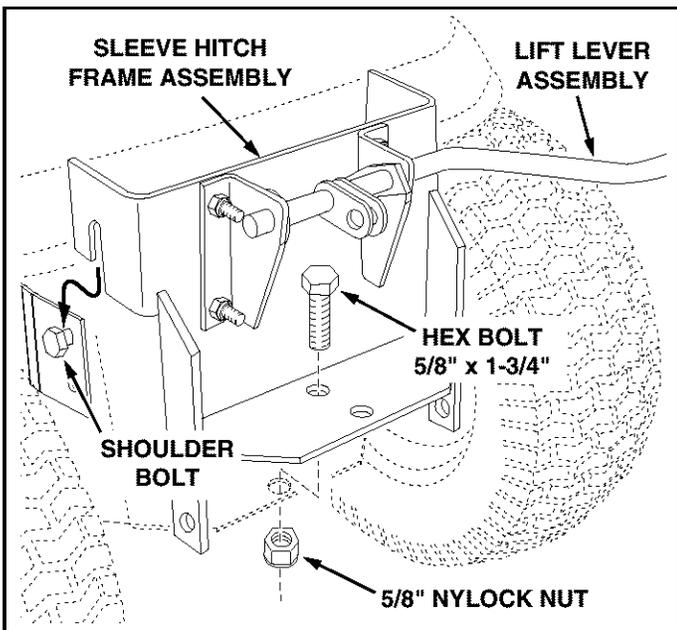


FIGURE 5

- Assemble the two 5/8" jam nuts halfway onto the two 5/8" x 2-1/2" hex bolts. Screw the bolts into the nuts that are welded to the Sleeve Hitch Lift Assembly. Snug the jam nuts against the welded nuts. See figure 6.
- Install the hitch pin in the sleeve hitch and secure it with a 5/32" hair cotter pin. See figure 6.

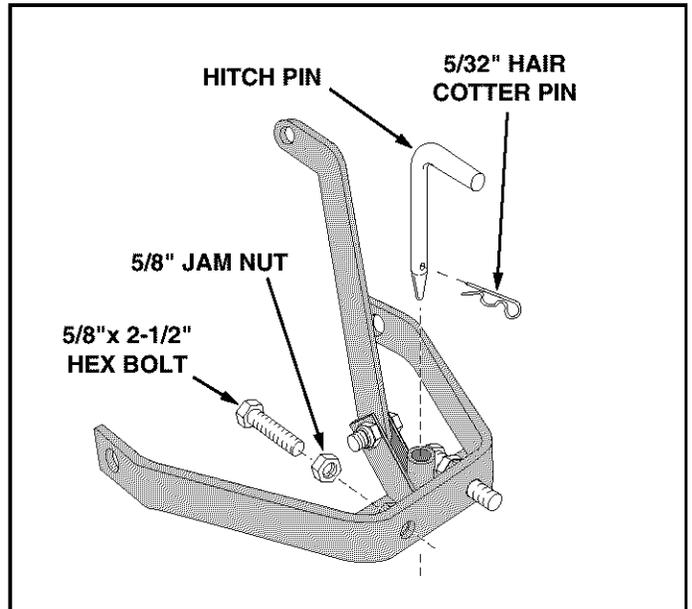


FIGURE 6

- Attach the Sleeve Hitch Lift Assembly to the Sleeve Hitch Frame Assembly using three 5/8" x 1-3/4" clevis pins and 5/32" hair cotter pins as shown in figure 7.

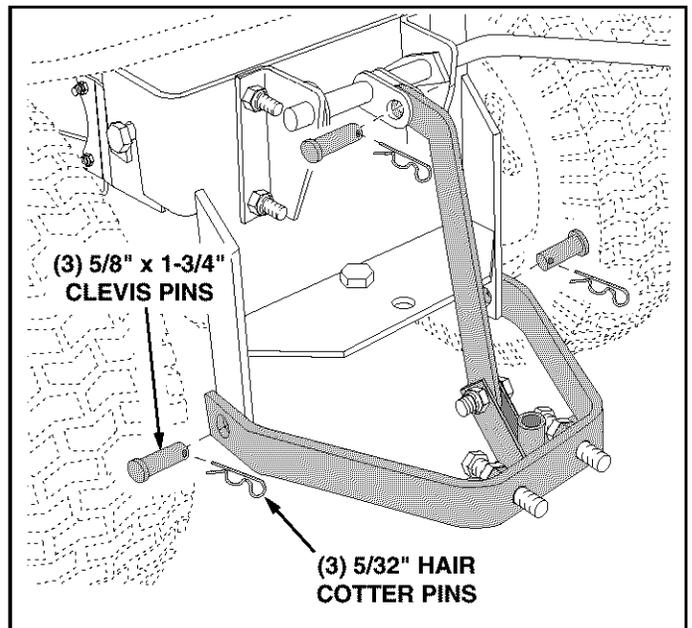


FIGURE 7

OPERATION

- Move the lift lever backward to lower the sleeve hitch.
- Attach an implement using the sleeve hitch pin. Tighten the stabilizer bolts against the implement hitch and then tighten the jam nuts.

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

- Use the 5/16" x 1-3/4" carriage bolt to adjust the depth so that the attached implement is level front to back during operation.

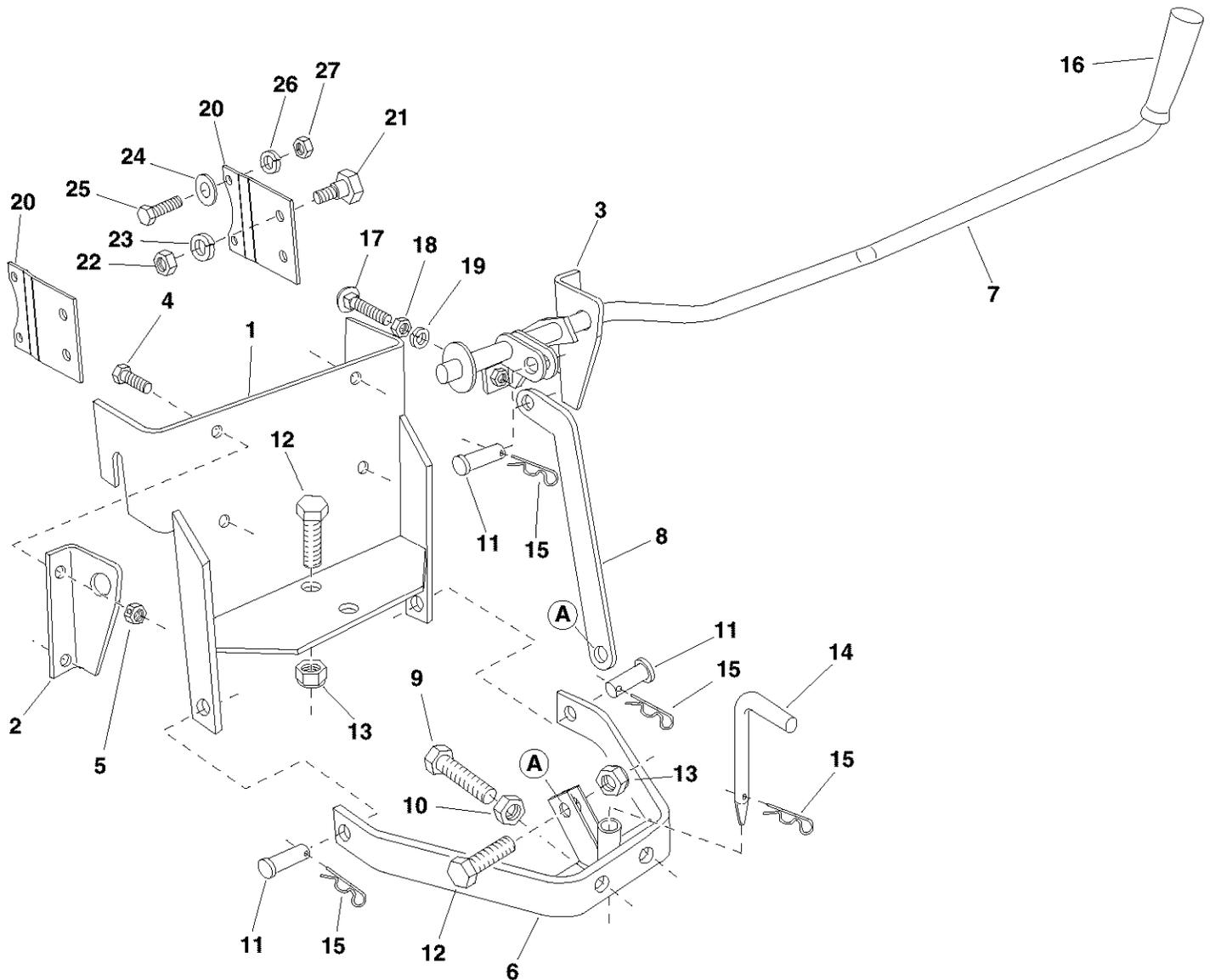
- To remove the entire Sleeve Hitch attachment, remove the 5/8" x 1-3/4" hex bolt and 5/8" nylock nut which fasten the bottom of the sleeve hitch to the tractor hitch, then lift the attachment of the tractor.
- To tow an implement that has a tow hitch, simply remove the three clevis pins and then remove the Sleeve Hitch Lift Assembly from the Sleeve Hitch Frame Assembly.

MAINTENANCE

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

PARTS

REPAIR PARTS FOR MODEL 486.24535 SLEEVE HITCH



Ref	Part No.	Qty	Description	Ref	Part No.	Qty	Description
1	24722	1	Sleeve Hitch Frame	15	HA3341	4	Pin, Hair Cotter 5/32"
2	24723	1	Pivot Bracket, L.H.	16	46471	1	Grip, Plastic
3	24792	1	Pivot Bracket, R.H.	17	44215	1	Carriage Bolt, 5/16-18 x 1-3/4"
4	43001	4	Bolt, Hex 3/8-16 x 1"	18	43083	1	Hex Nut, 5/16-18
5	43082	4	Hex Lock Nut, 3/8-16	19	43086	1	Lock Washer, 5/16"
6	64098	1	Sleeve Hitch Lift Assembly	20	25203	2	Mounting Bracket
7	64982	1	Lift Lever Assembly	21	47363	2	Bolt, Shoulder
8	24732	1	Lifting Link Plate	22	HA120371	2	Hex Nut, 1/2-20
9	47947	2	Bolt, Hex 5/8-11 x 2-1/2"	23	43353	2	Lock Washer, 1/2"
10	712-0242	2	Hex Jam Nut, 5/8-11	24	43070	2	Flat Washer
11	711-0225	3	Clevis Pin, 5/8" x 1-1/4"	25	43087	4	Bolt, Hex 3/8-16 x 1-1/4"
12	47951	2	Bolt, Hex 5/8-11 x 1-3/4"	26	43003	4	Lock Washer, 3/8"
13	712-0261	2	Nylock Nut, 5/8-11	27	43015	4	Hex Nut, 3/8-16
14	47950	1	Pin, Sleeve Hitch		49033	1	Owner's Manual

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