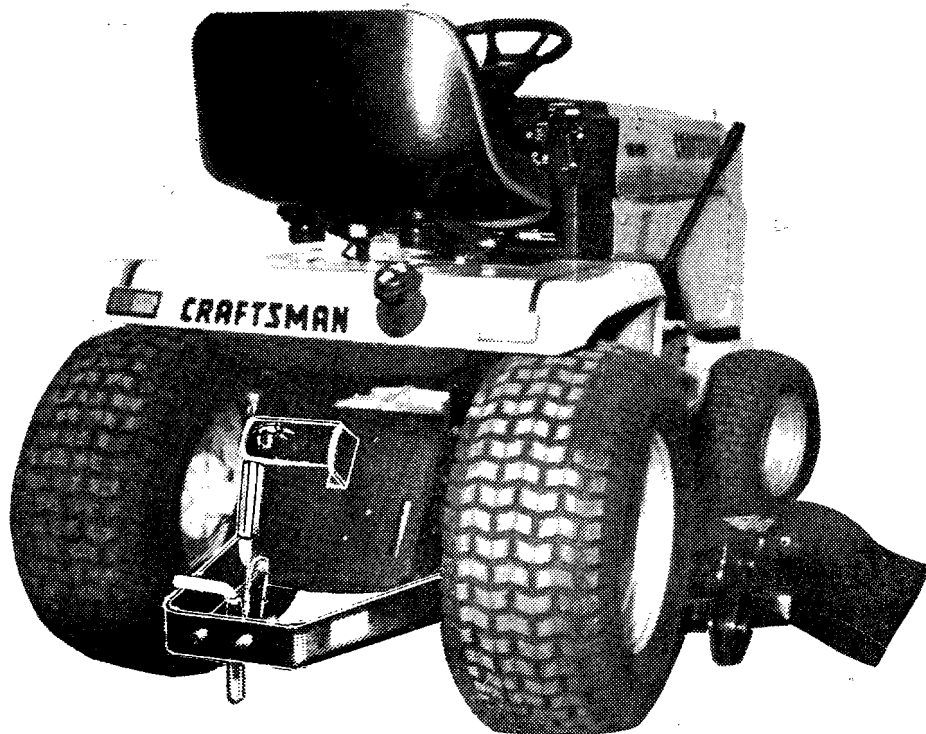


SEARS

OWNER'S MANUAL

MODEL NO.
757.2523120

Caution:
Read Rules for
Safe Operation
and Instructions
Carefully



CRAFTSMAN® SLEEVE HITCH

- Assembly
- Installation
- Operation
- Repair Parts

Sears, Roebuck and Co., Chicago, IL 60684, U.S.A.

LIMITED ONE YEAR WARRANTY ON 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, free of charge, any defect in material or workmanship.

This warranty does not cover:

---repairs necessary because of operator abuse or negligence including the failure to maintain the equipment according to instructions contained in the owner's manual; and sleeve hitch used for commercial or rental purposes.

WARRANTY SERVICE IS AVAILABLE BY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES. This warranty applies only while product is used 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/731CR-W, Sears Tower, Chicago, IL 60684



RULES FOR SAFE OPERATION

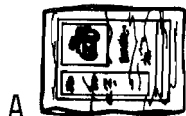
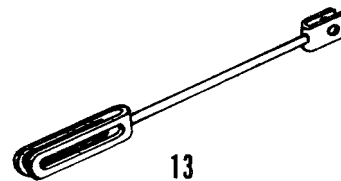
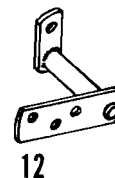
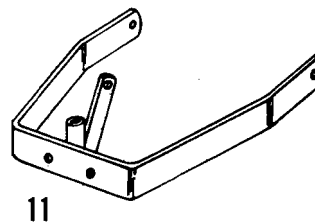
WARNING: This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or area laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator. (see REPAIR PARTS for part number identification).

In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other States may have similar laws. Federal laws apply on federal lands.

1. Know the controls and how to stop quickly. READ THIS OPERATOR'S MANUAL and instructions furnished with attachments.
2. Do not allow children to operate the machine. Do not allow adults to operate it without proper instruction.
3. Do not carry passengers. Do not mow when children and others are around.
4. Always wear substantial footwear. Do not wear loose fitting clothing that could get caught in moving parts.
5. Keep your eyes and mind on your tractor, mower, and the area being cut. Do not let other interests distract you.
6. Do not attempt to operate your tractor or mower when not in the drivers seat.
7. Always get on or off your tractor from the operator's left hand side.
8. Clear the work area of objects (wire, rocks, etc.) which might be picked up and thrown.
9. Disengage all attachment clutches before attempting to start the engine.
10. Disengage power to attachments and stop the engine before leaving the operator's position.
11. Disengage power to mower, stop the engine and disconnect spark plug wire(s) from spark plug(s) before cleaning, making an adjustment, or repair. Be careful to avoid touching hot muffler or engine components.
12. Disengage power to attachments when transporting or not in use.
13. Take all possible precautions when leaving the vehicle unattended. Disengage the power-take-off, lower the attachments, shift into neutral, set the parking brake, stop the engine, and remove the key.
14. Do not stop or start suddenly when going uphill or downhill. Mow up and down the face of slopes (not greater than 15°); never across the face.
15. Reduce speed on slopes and make turns gradually to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.
16. While going up or down slopes, place Gear Shift Control Lever in 1st gear position to negotiate the slope without stopping.
17. Never mow in wet or slippery grass, when traction is unsure, or at a speed which could cause a skid.
18. Stay alert for holes in the terrain and other hidden hazards. Keep away from drop-offs.
19. Do not drive too close to creeks, ditches, and public highways.
20. Exercise special care when mowing around fixed objects in order to prevent the blades from striking them. Never deliberately run tractor or mower into or over any foreign objects.
21. Never shift gears until tractor comes to a stop.
22. Never place hands or feet under the mower, in discharge chute, or near any moving parts while tractor or mower are running. Always keep clear of discharge chute.
23. Use care when pulling loads or using heavy equipment.
 - a. Use only approved drawbar hitch points.
 - b. Limit loads to those you can safely control.
 - c. Do not turn sharply. Use care when backing.
 - d. Use counterweight or wheel weights when suggested in owner's manuals.
24. Watch out for traffic when crossing or near roadways.
25. When using any attachments, never direct discharge of material toward bystanders nor allow anyone near the vehicle while in operation.
26. Handle gasoline with care - it is highly flammable.
 - a. Use approved gasoline containers.
 - b. Never remove the fuel cap of the fuel tank or add gasoline to a running or hot engine or an engine that has not been allowed to cool for several minutes after running. Never fill tank indoors, always clean up spilled gasoline.
 - c. Open doors if the engine is run in the garage - exhaust fumes are dangerous. Do not run the engine indoors.
27. Keep the vehicle and attachments in good operating condition, and keep safety devices in place and working.
28. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
29. Never store the equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
30. To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease. Do not clean product while engine is running.
31. Except for adjustments, DO NOT operate Engine if air cleaner or cover directly over carburetor air intake is removed. Removal of such part could create a fire hazard.
32. Do not operate without a muffler, or tamper with exhaust system. Damaged mufflers or spark arresters could create a fire hazard. Inspect periodically and replace if necessary.
33. The vehicle and attachments should be stopped and inspected for damage after striking a foreign object, and the damage should be repaired before restarting and operating the equipment.
34. Do not change the engine governor settings or overspeed the engine; severe damage or injury may result.
35. When using the vehicle with mower, proceed as follows:
 - a. Mow only in daylight or in good artificial light.
 - b. Shut the Engine off when unclogging chute.
 - c. Check the blade mounting bolts for proper tightness at frequent intervals.
36. Do not operate the mower without either the entire grass catcher, on mowers so equipped, or the deflector shield in place.
37. Disengage power to mower before backing up. Do not mow in reverse unless absolutely necessary and then only after careful observation of the entire area behind the mower.
38. Under normal usage the grass catcher bag material is subject to deterioration and wear. It should be checked frequently for bag replacement. Replacement bags should be checked to ensure compliance with the original manufacturer's recommendations or specifications.

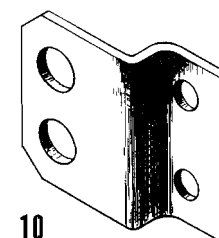
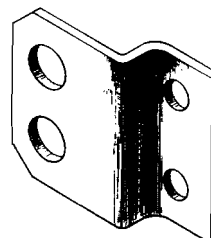
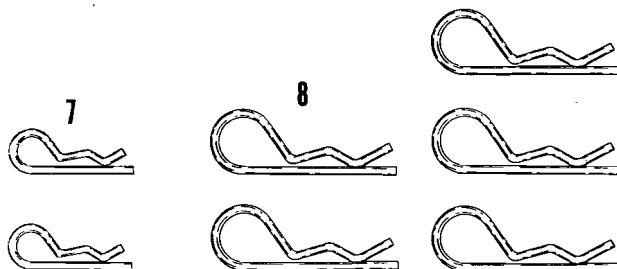
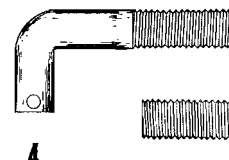
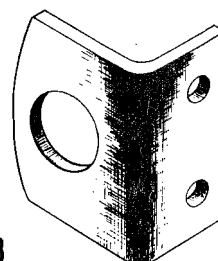
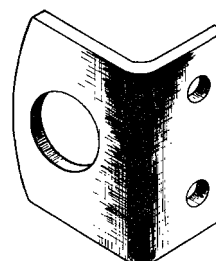
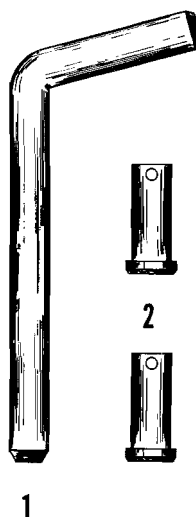
CONTENTS OF SHIPPING CARTON

REF. NO.	PART NO.	DESCRIPTION	QTY.
A	L-1255	Literature Bag	1
B	Z-1258-1	Hardware Bag (Special)	1
C	Z-1258-2	Hardware Bag (Standard)	1
11	H-535-10	Bail Assembly	1
12	H-539-10	Lift Arm Assembly	1
13	H-543-10	Draw Rod Assembly	1



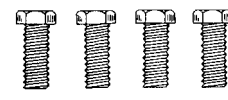
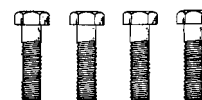
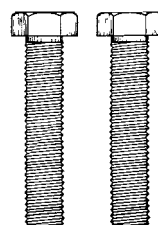
HARDWARE BAG - SPECIAL

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	H-130P-01	Hitch Pin	1
2	H-522	Clevis Pin, 5/8" x 1 1/2"	2
3	H-525-10	Pivot Bracket	2
4	H-526-01	Lift Link (Upper)	1
5	H-527-01	Lift Link (Lower)	1
6	H-528-01	Adjustable Sleeve Link	1
7	H-529	Retainer Spring	2
8	H-530	Retainer Spring	5
9	H-531	Clevis Pin, 1/2" x 1"	1
10	H-532-10	Drawbar Bracket	2
15	V-219P	Clevis Pin, 1/2" x 1 1/4"	1



HARDWARE BAG - STANDARD

REF. NO.	PART NO.	DESCRIPTION	QTY.
14	H-560	Hex Head Bolt, 5/8" x 3"	2
16	1M1020P	Hex Head Bolt, 5/16" x 1 1/4"	4
17	2M1216P	Hex Head Bolt, 3/8" x 1"	4
18	30M1000P	Hex Nut, 5/16"	4
19	30M1200P	Hex Nut, 3/8"	4
20	20M2000P	Hex Nut, 5/8"	3
21	40M1000P	Lock Washer, 5/16"	4
22	40M1200P	Lock Washer, 3/8"	4
23	45M1717P	Flat Washer, 1/2"	1



16

17



21

22

23

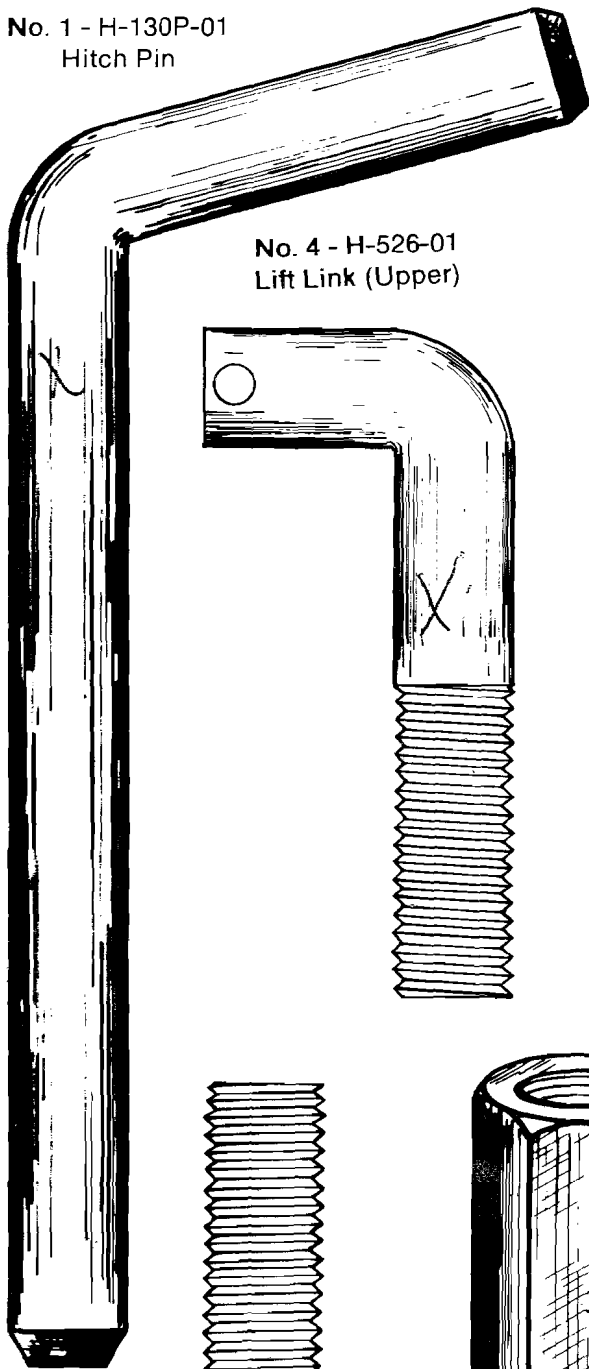


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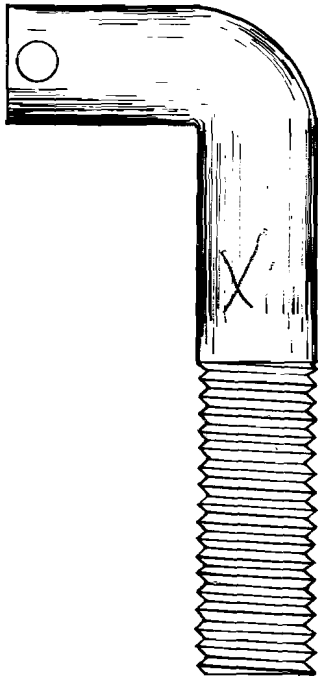


3

No. 1 - H-130P-01
Hitch Pin

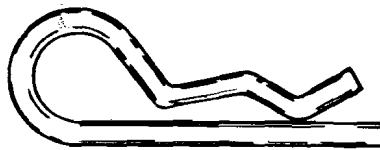


No. 4 - H-526-01
Lift Link (Upper)

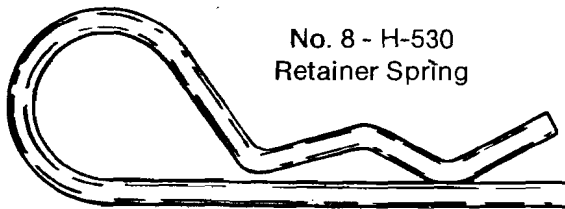


No. 2 - H-522
Clevis Pin
5/8" x 1 1/2"

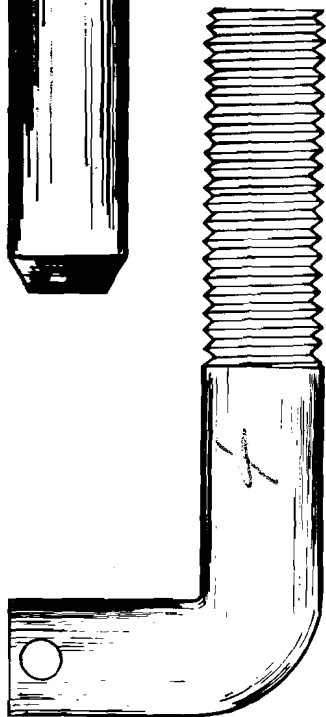
No. 7 - H-529
Retainer Spring



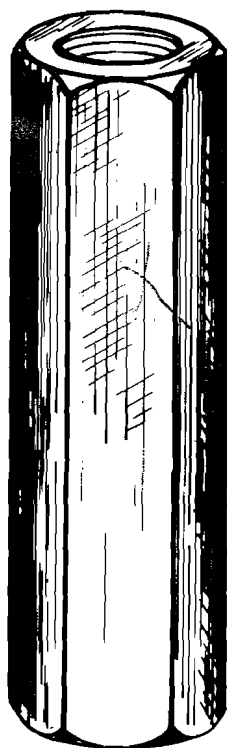
No. 8 - H-530
Retainer Spring



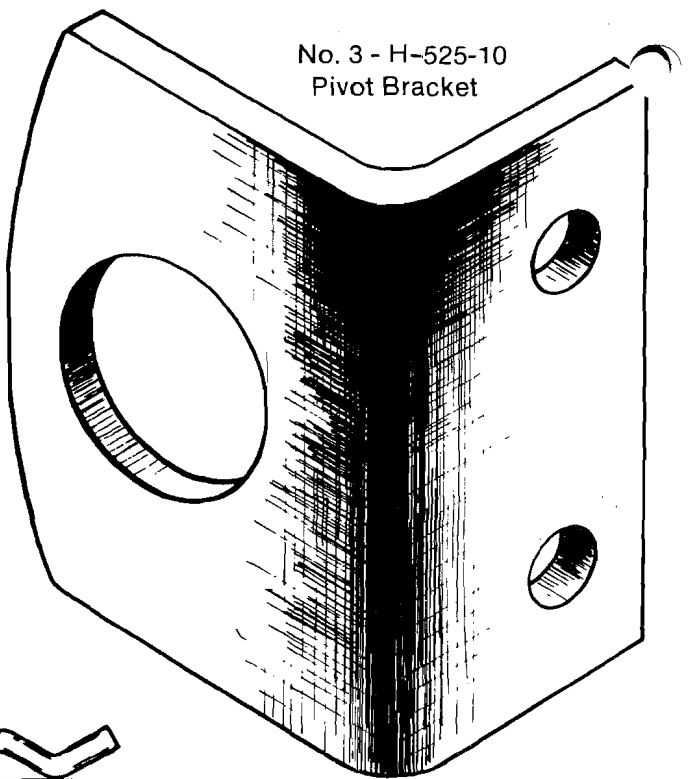
No. 9 - H-531
Clevis Pin
1/2" x 1"



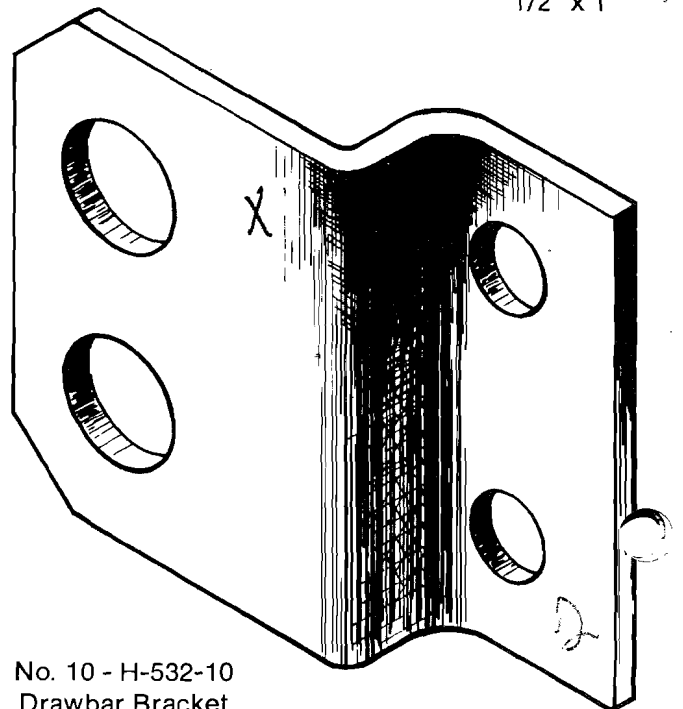
No. 5 - H-527-01
Lift Link (Lower)



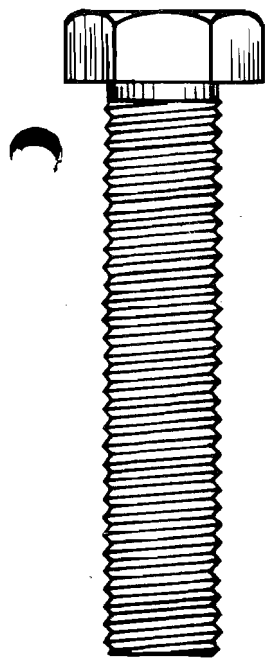
No. 6 - H-528-01
Adjustable Link Sleeve



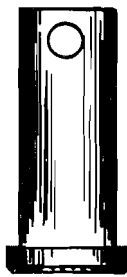
No. 3 - H-525-10
Pivot Bracket



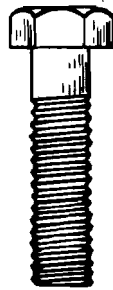
No. 10 - H-532-10
Drawbar Bracket



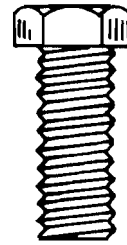
No. 14 - H-560
Hex Head Bolt
5/8" x 3"



No. 15 - V-219P
Clevis Pin
1/2" x 1 1/4"



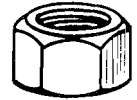
No. 16 - 1M1020P
Hex Head Bolt
5/16" x 1 1/4"



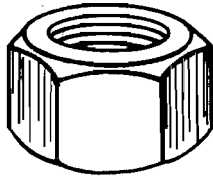
No. 17 - 2M1216P
Hex Head Bolt
3/8" x 1"



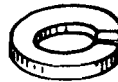
No. 18 - 30M1000P
Hex Nut, 5/16"



No. 19 - 30M1200P
Hex Nut, 3/8"



No. 20 - 30M2000P
Hex Nut, 5/8"



No. 21 - 40M1000P
Lock Washer, 5/16"



No. 22 - 40M1200P
Lock Washer, 3/8"



No. 23 - 45M1717P
Flat Washer, 1/2"

TOOLS REQUIRED FOR ASSEMBLY:

- 2 - 1/2" wrenches
- 1 - 7/16" wrench
- 2 - 9/16" wrench
- 1 - 15/16" wrench
- 1 - screwdriver (flat)

References to right hand (R.H.) and left hand (L.H.) are determined from the operator's position on the tractor seat.

ASSEMBLY

INSTRUCTIONS FOR GARDEN TRACTORS:

REMOVE MOWER DECK FROM TRACTOR.
(SEE TRACTOR OWNER'S MANUAL FOR REMOVAL INSTRUCTIONS)

NOTE: MOWER DECK SHOULD NOT BE INSTALLED WHEN USING GROUND ENGAGING ATTACHMENTS.

FIG. 1. Loosely assemble both drawbar brackets (10) to the frame using four 3/8" x 1" hex head bolts (17), four 3/8" lock washers (22) and four 3/8" hex nuts (19).

Insert hex head bolts (17) through holes (A) in each drawbar bracket (10) and secure on the inside of tractor frame with the lock washers (22) and hex nuts (19).

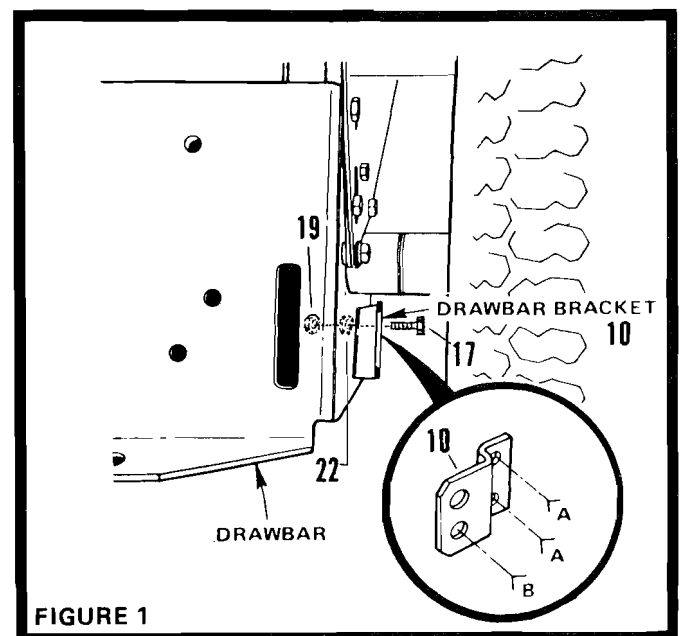


FIGURE 1

FIG. 2. Attach the bail assembly (11) to the drawbar brackets (10) using two clevis pins (2) and two retainer springs (8).

Insert a clevis pin (2) through bottom hole (B) in each drawbar bracket (10) and then through hole in each end of bail assembly (11). Secure this assembly by inserting a retainer spring (8) through the hole in each clevis pin (2). Refer to Fig. 2.

Now, Securely tighten the four hex head bolts (17) used in Fig. 1.

Screw both 5/8" x 3" hex head (stabilizer) bolts (14) through two 5/8" hex nuts (20) and then through the two square weldnuts located on the inside surface of bail assembly (11) (on each side of hitch tube).

Adjust the stabilizer bolts until they are "flush" with the outside surface of the bail assembly (11).

NOTE: The stabilizer bolts should be loosened before removing any attachments from the tractor. Loosening these bolts will make it easier to remove the hitch pin and to line up hitch pin when installing another attachment. If tractor is to be used without a rear attachment, the stabilizer bolts should be secured by tightening the hex nuts.

Insert the hitch pin (1) into hitch tube as shown in Fig. 2 inset.

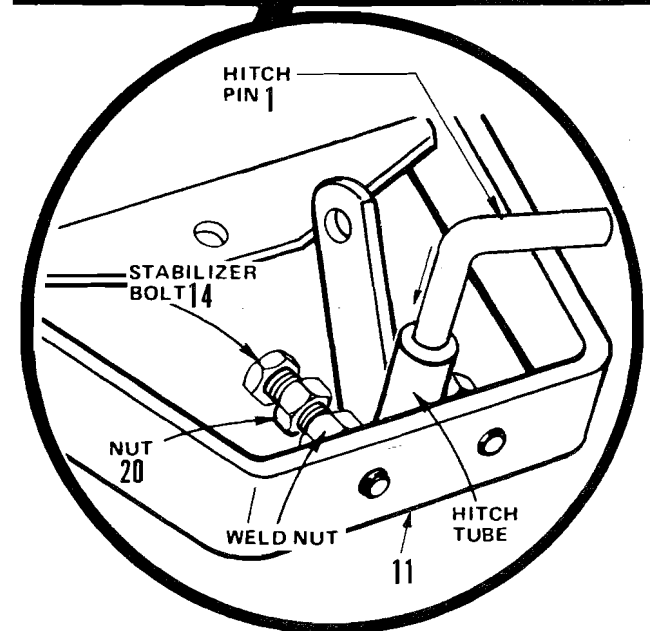
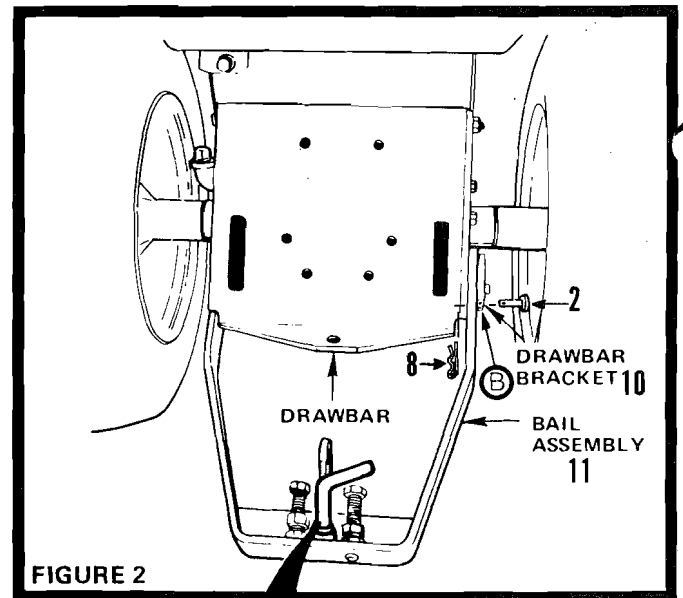
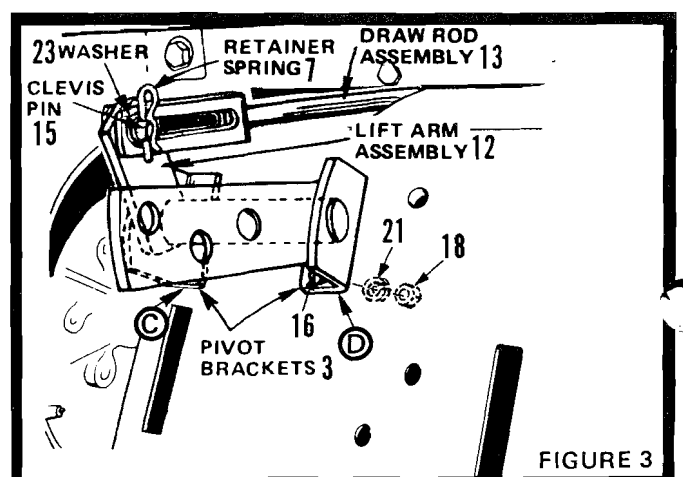


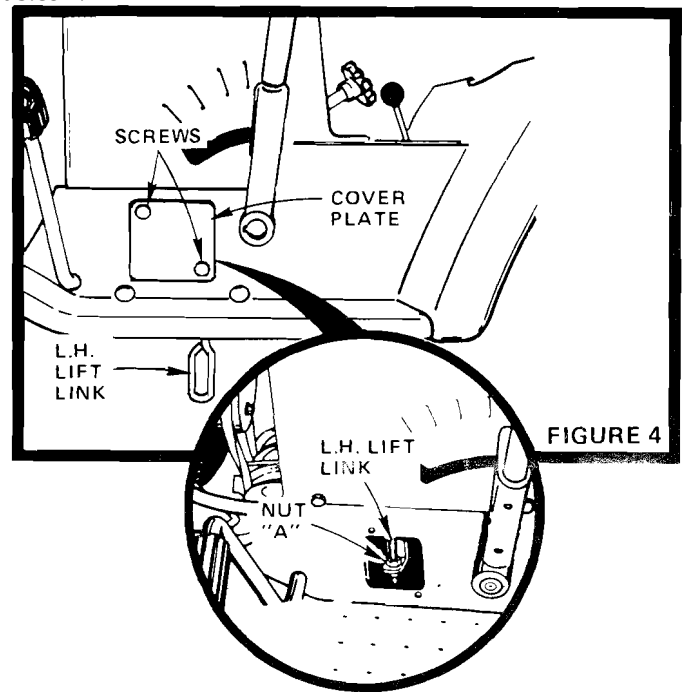
FIG. 3. Attach one pivot bracket (3) to the tractor frame at (C) using two 5/16" x 1 1/4" hex head bolts (16), two 5/16" lock washers (21) and two 5/16" hex nuts (18). Place lift arm assembly (12) in the hole of the pivot bracket and attach the remaining pivot bracket (3) to the frame at (D) using the same procedure. Tighten fasteners securely!

Assemble drawrod assembly (13) to the lift arm assembly (12) by aligning one slot on each side of the hole in end of left arm assembly's "short arm". Then insert clevis pin (15) through both slots and the hole, add the 1/2" flat washer (23) and secure with one retainer spring (7).



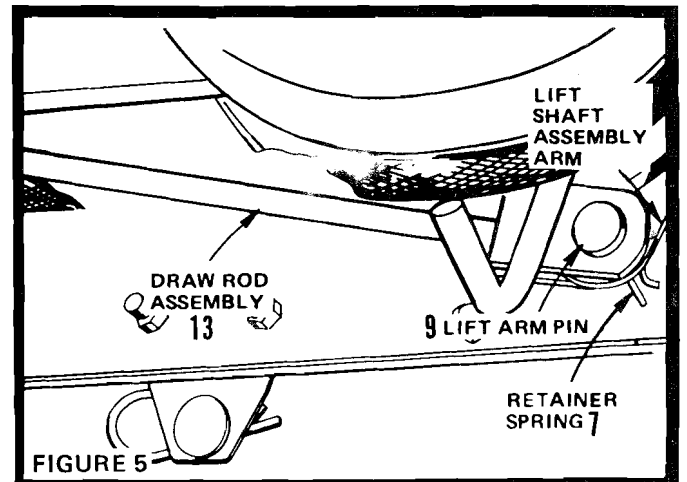
NOTE: ON OLDER UNITS IT MAY BE NECESSARY TO REMOVE THE LEFT HAND LIFT LINK AS SHOWN IN FIG. 4.

FIG. 4. Remove the left hand (L.H.) lift link from tractor as follows:
Remove the two hex washer head screws in cover plate and remove nut "A" (Fig. 4. inset) to release the lift link from tractor. Then replace cover plate and secure with the two hex washer head screws.



IF ELECTRIC KIT IS TO BE INSTALLED, OMIT FIGURE 5. REFER TO ELECTRIC ASSIST KIT INSTALLATION FIG.9 FOR ASSEMBLY OF SLEEVE HITCH. THEN PROCEED THROUGH STEP 6 OF ASSIST KIT MANUAL.

FIG. 5. Assemble drawrod assembly (13) to the lift shaft assembly arm located under the left hand side of tractor. Align the two holes in end of drawrod assembly with the hole in the lift shaft assembly arm and insert the (lift arm pin) 1/2" x 1" clevis pin (9). Secure assembly by inserting retainer spring (7) through hole in end of clevis pin (9).



NOTE: FOLLOW THE PROCEDURES IN FIGURE 6,7,8 and 8A FOR INSTALLING THE DRAWROD ASSEMBLY (13) IF YOUR TRACTOR IS EQUIPPED WITH A PRE-INSTALLED ELECTRIC LIFT - BEFORE CONTINUING TO FIG.10.

FIG. 6. Remove the bolt and nut at (B) which connect the electric actuator to the right and left hand lift brackets.

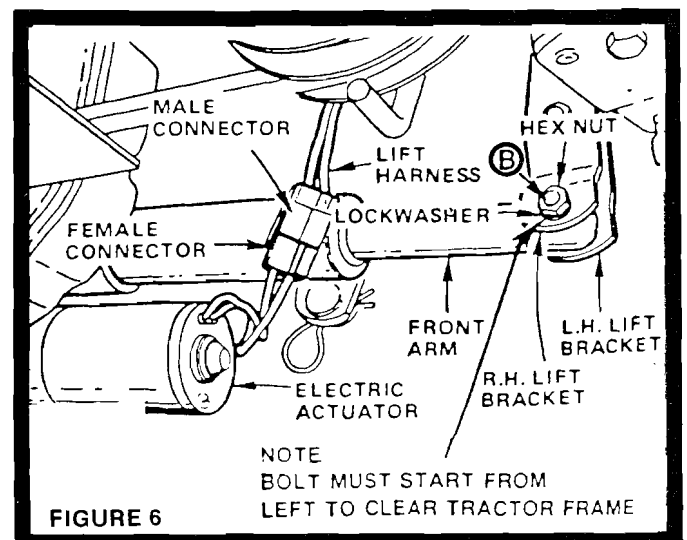


FIG. 7. Turn the ignition switch "ON". Push the attachment lift switch to the "Down" position to retract the electric actuator. Turn the ignition switch "OFF".

NOTE: Full retraction of the actuator is achieved by turning the tractor height adjustment knob counter-clockwise (↺).

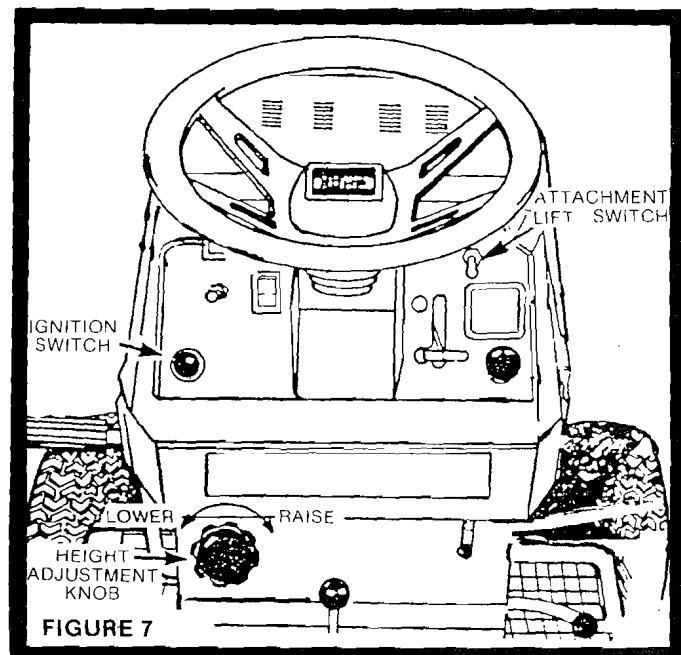
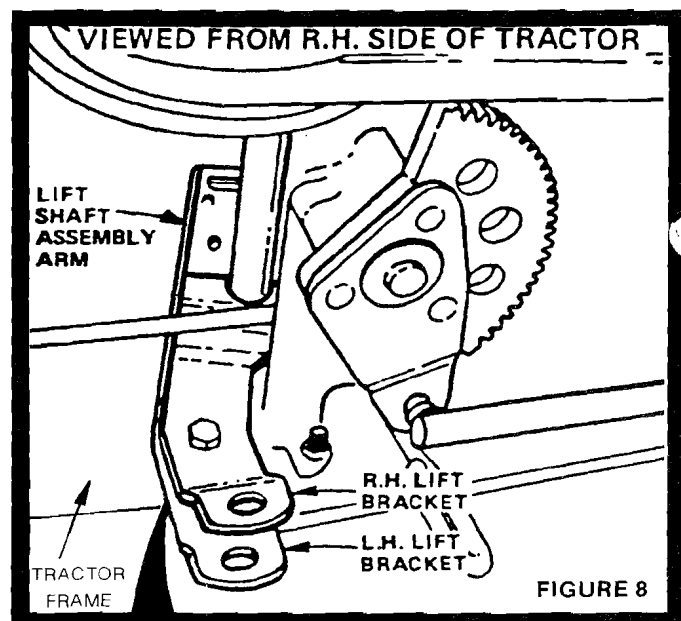
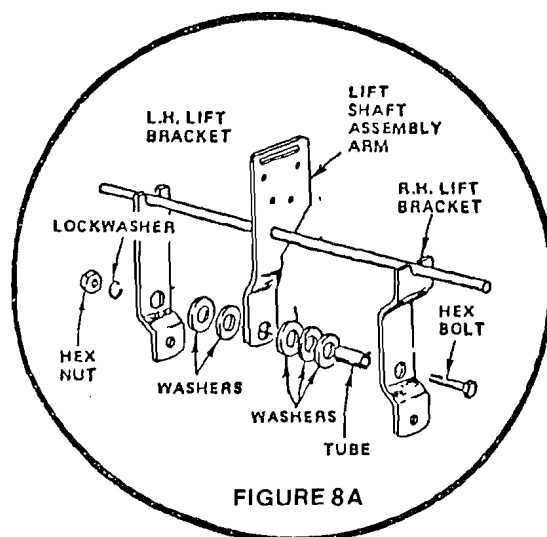


FIG. 8. Remove the 1 3/4" bolt from the middle of the shaft assembly arm that connects the right and left hand lift brackets. Then remove the five washers (Fig. 8A) and install the drawrod tube "A" as shown in Fig. 9.

NOTE: The 1 3/4" bolt must be reinstalled from the center of the tractor - with the nut on the FRAME SIDE to prevent interference. Do not tighten at this time.



THE FIVE WASHERS ARE NOT USED WHEN ASSEMBLING 46" DOZER LIFT MECHANISM OR SLEEVE HITCH.



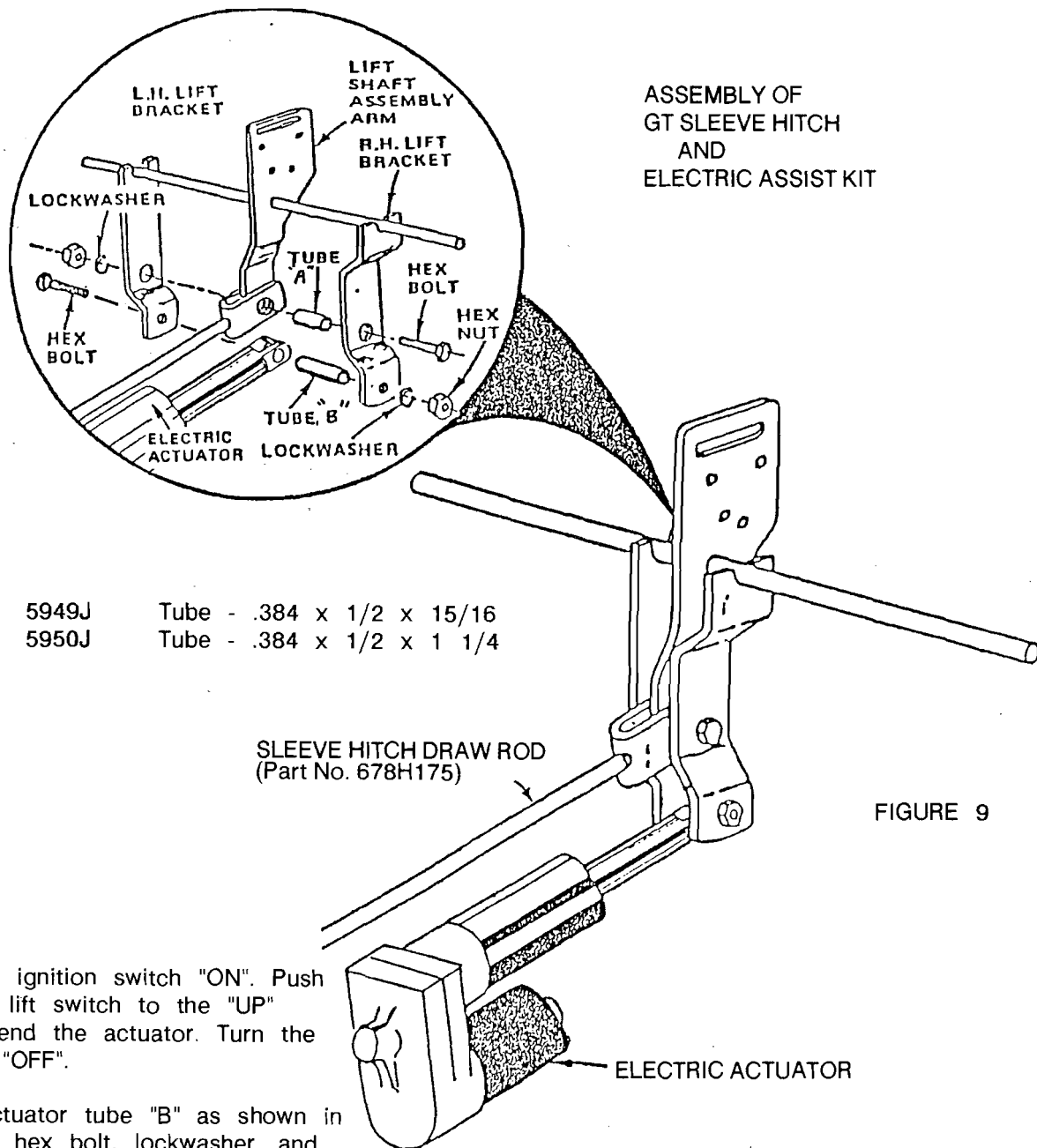


FIGURE 9

FIG.9. Turn the ignition switch "ON". Push the attachment lift switch to the "UP" position to extend the actuator. Turn the ignition switch "OFF".

Reinstall the actuator tube "B" as shown in Fig.9 using the hex bolt, lockwasher, and nut. **NOTE:** The bolt must be installed from the left frame side of the tractor to prevent interference.

Tighten both nuts and bolts securely.
(Fig.8 and Fig.9)

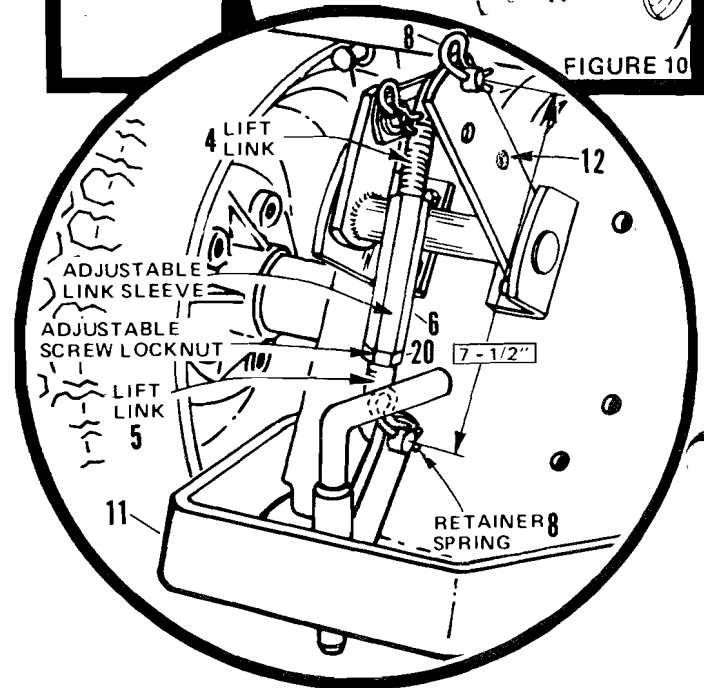
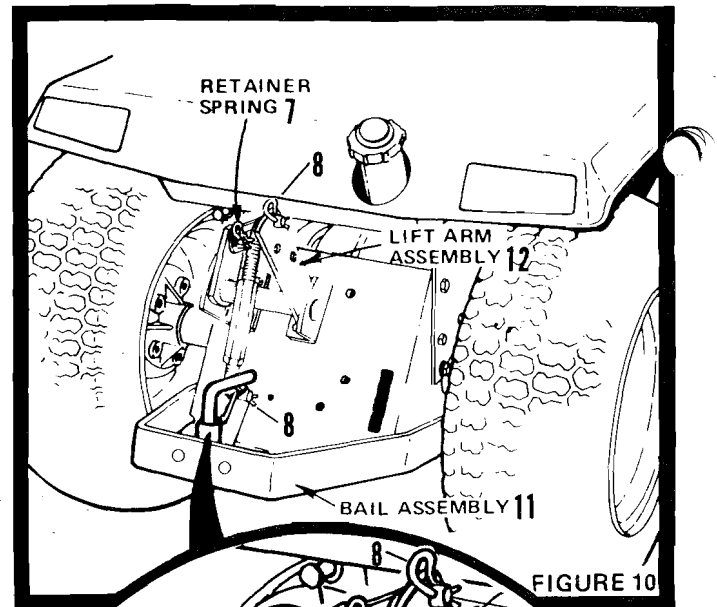
THE FIVE WASHERS ARE NOT USED
WHEN ASSEMBLING 46" DOZER LIFT
MECHANISM OR SLEEVE HITCH.

FIG.10 Refer to the Fig.10inset and screw the UPPER lift link (4) into the adjustable sleeve link(6). Next, screw one 5/8" hex nut (20) on LOWER lift link (5) and then screw the lift link into the adjustable link sleeve.

Adjust each lift link's END an equal amount from the adjustable link sleeve ends. The distance from hole center to hole center should be 7 1/2 inches. Then tighten the 5/8" hex nut (20).

Now, Insert the upper lift link (4) end into the lift arm assembly (12)UPPER hole, and insert the lower link (5) end into the hole in the bail assembly (11) arm. Secure each lift link with a retainer spring (8).

NOTE: CHECK ALL FASTENERS FOR TIGHTNESS-THEY MUST BE SECURELY TIGHTENED!



READ THE "RULES FOR SAFE OPERATION" CAREFULLY BEFORE OPERATING YOUR HITCH.

OPERATION

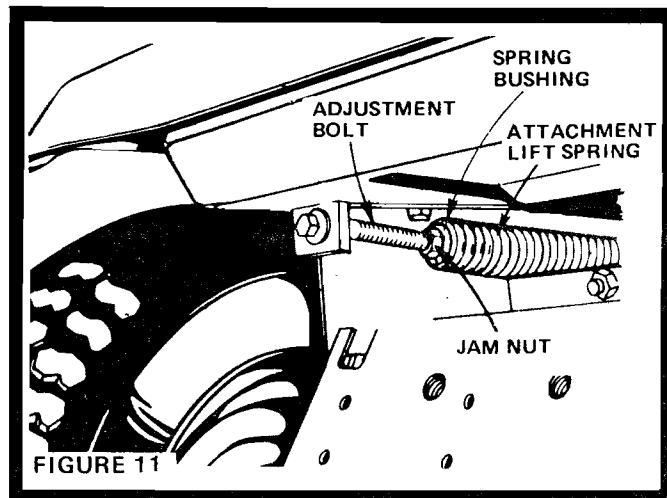
IMPORTANT! When attaching and using a rotary tiller, insert the upper lift link (4) through the hole CLOSEST to the lift arm assembly (12) pivot shaft as shown. (FIG.10 Inset)

NOTE: MOWER DECK SHOULD NOT BE INSTALLED WHEN USING GROUND ENGAGING ATTACHMENTS. REMOVAL OF SLEEVE HITCH IS NOT REQUIRED WHEN USING MOWER DECK.

ATTACHMENT LIFT ADJUSTMENT

Due to different weight of attachments, the attachment lift spring on tractors with the manual lift systems may require adjustment. The adjustment bolt is located on rear, top left side of tractor and determines the "tension" of the spring. See Fig. 11.

- A. Hold the spring bushing with a wrench and loosen the jam nut.
- B. For heavier attachments, turn the adjustment bolt clockwise (↻) to extend spring, reducing lift effort.
- C. For lighter attachments, turn the adjustment bolt counter clockwise (↺).
- D. After the desired spring tension is reached, retighten the jam nut against the spring bushing.



NOTE: DO NOT ADJUST THE LIFT SPRING FOR MAXIMUM TENSION WHEN USING LIGHT ATTACHMENTS SUCH AS A MOWER. ADJUST LIFT SPRING TO AID IN LIFTING ATTACHMENT. DON'T "OVER POWER" SPRING! WHEN REMOVING AN ATTACHMENT. ALWAYS ADJUST THE SPRING FOR MINIMUM TENSION.

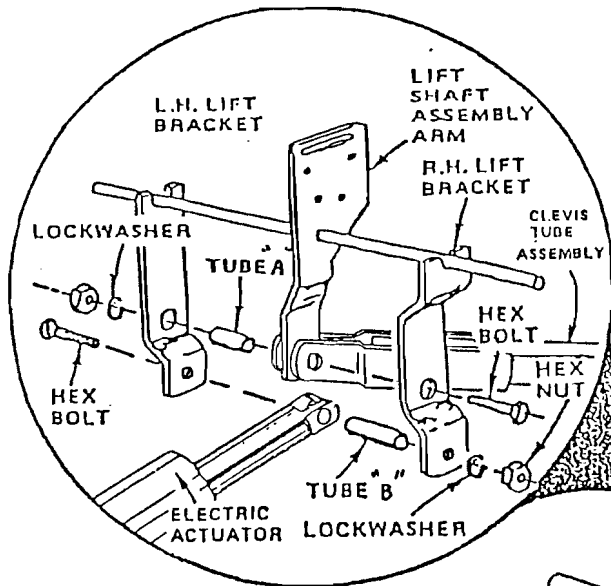


LIFT ATTACHMENT OUT OF THE GROUND WHEN TURNING CORNERS, REVERSING OR TRANSPORTING.

MAINTENANCE

For smooth operation, and to prevent rust, apply a light coat of grease to threads, pivot points and the inside of hitch tube.

Always clean and store equipment in a weather-proof, dry building.



ASSEMBLY OF
GT 46" DOZER BLADE
AND
ELECTRIC ASSIST KIT

TUBE "A"	5949J	Tube - .384 x 1/2 x 15/16
TUBE "B"	5950J	Tube - .384 x 1/2 x 1 1/4

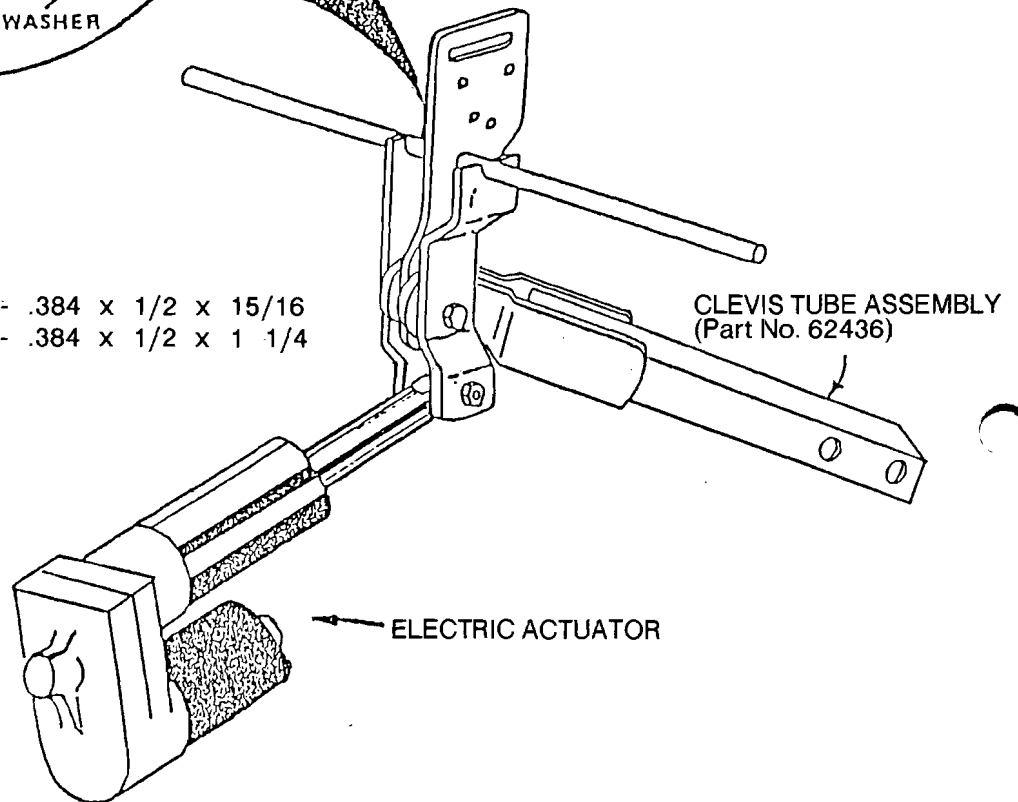
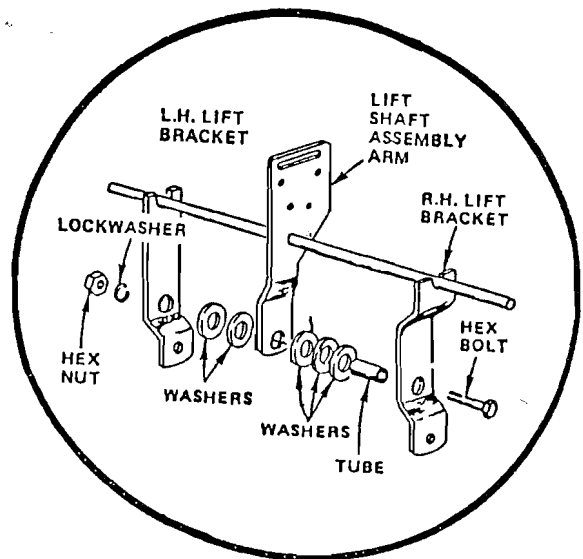
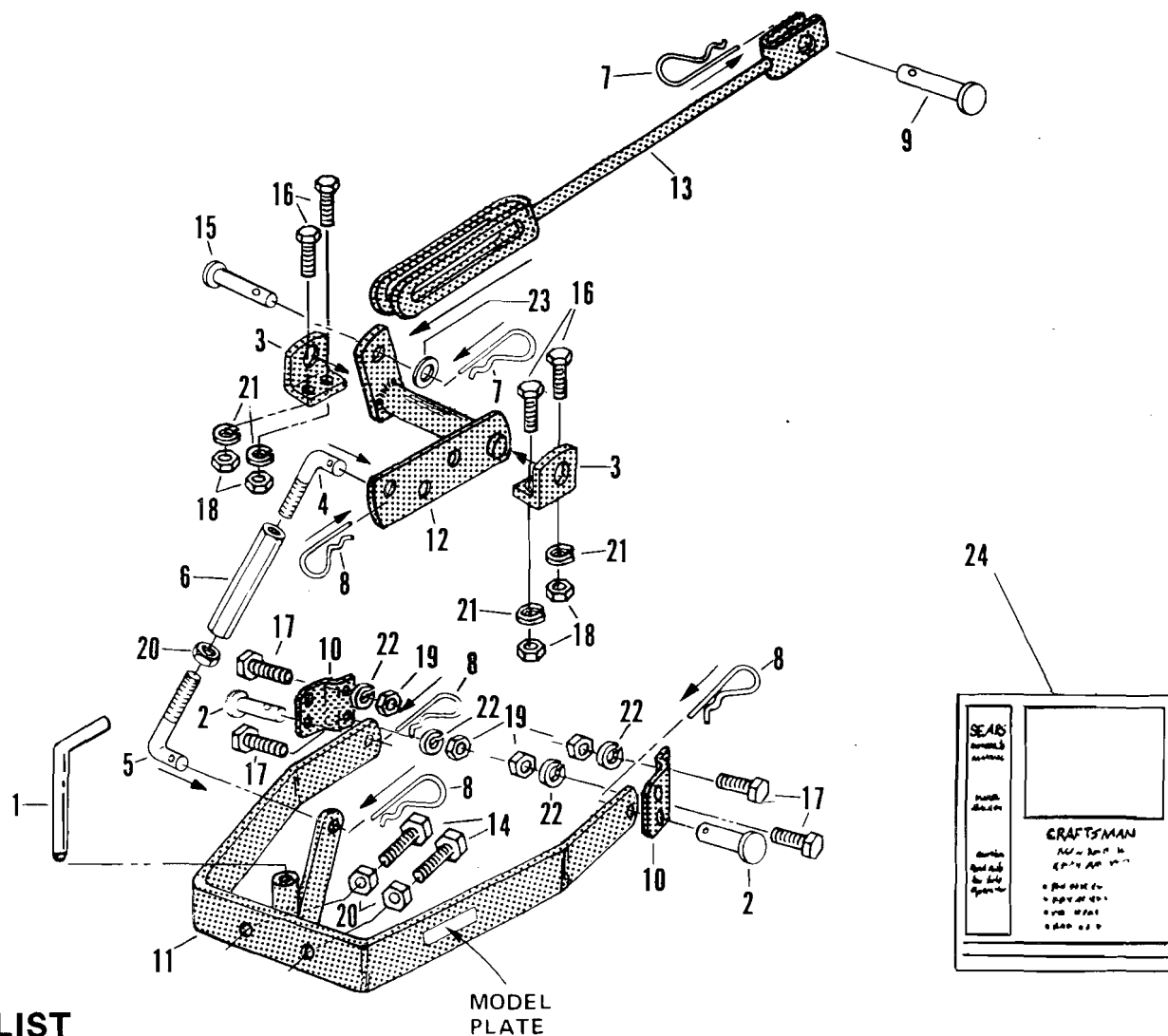


FIGURE 12

FIG.12 Removal of the sleeve hitch drawrod is required when installing the GT 46" dozer blade. Install dozer blade clevis tube assembly as shown. Fig.12. Refer to figures 6,7,8 and 9 for removal procedure.

THE FIVE WASHERS ARE NOT USED
WHEN ASSEMBLING 46" DOZER LIFT
MECHANISM OR SLEEVE HITCH.





PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	QTY.	REF. NO.	PART NO.	DESCRIPTION	QTY.
1	H-130P01 (8320J)	Hitch Pin	1	13	H-543-10 (678H175)	Draw Rod Assembly	1
2	H-522 (4101J)	Clevis Pin, 5/8" x 1 1/2"	2	14	H-560 (74931048)	Hex Head Bolt, 5/8" x 3"	2
3	H-525-10 (678H176)	Pivot Bracket	2	15	V-219P (5781J)	Clevis Pin, 1/2" x 1 1/4"	1
4	H-526-01 (5779J)	Lift Link (Upper)	1	16	1M1020P (STD523112)	Hex Head Bolt, 5/16" x 1 1/4"	4
5	H-527-01 (5780J)	Lift Link (Lower)	1	17	2M1216P (STD523710)	Hex Head Bolt, 3/8" x 1"	4
6	H-528-01 (8333J)	Adjustable Link Sleeve	1	18	30M1000P (STD541031)	Hex Nut, 5/16"	4
7	H-529 (4939M)	Retainer Spring	2	19	30M1200P (STD541037)	Hex Nut, 3/8"	4
8	H-530 (4940M)	Retainer Spring	5	20	30M2000P (STD541062)	Hex Nut, 5/8"	3
9	H-531 (3767J)	Clevis Pin, 1/2" x 1"	1	21	40M1000P (STD551131)	Lock Washer, 5/16"	4
10	H-532-10 (674H194)	Drawbar Bracket	2	22	40M1200P (STD551137)	Lock Washer, 3/8"	4
11	H-535-10 (678H173)	Bail Assembly	1	23	45M1717P (19171720)	Flat Washer, 1/2"	1
12	H-539-10 (678H174)	Lift Arm Assembly	1	24	L-1229-1 (5777J)	Owner's Manual	1

SEARS

OWNER'S MANUAL

**MODEL NO.
757.2523120**

HOW TO ORDER REPAIR PARTS

CRAFTSMAN®

SLEEVE HITCH

The model number will be found on the model plate attached to the right hand side of the bail assembly. Always mention the model number when requesting service or repair parts for your sleeve hitch.

All parts listed herein may be ordered from any SEARS ROEBUCK SERVICE CENTER or most Sears retail stores.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION:

- THE PART NUMBER
- THE PART DESCRIPTION
- THE MODEL NUMBER
- THE NAME OF MERCHANDISE

If the parts you need are not stocked locally, your order will be transmitted to a Sears repair parts distribution center for handling.

1-800-366-7278