

Sears

**OWNERS
MANUAL**

46" DOZER
MODEL NO.
917.254020

USED WITH LIFT
MECHANISM
MODEL NO.
917.254030 OR
917.254040

Caution:
Read Rules for
Safe Operation
and Instructions
Carefully



46 INCH DOZER AND LIFT MECHANISMS

Assembly
Installation
Operation
Repair Parts

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WARRANTY FULL ONE YEAR WARRANTY

For one year from date of purchase, Sears will repair any defect in material or workmanship in this tractor attachment, at no charge.

If the tractor attachment is used for commercial or rental purposes, this warranty applies for only thirty days from date of purchase.

Warranty service is available at your home, at no charge, by simply contacting your nearest Sears store or Service Center throughout 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.

Sears Tower

BSC 41-3

Chicago, Il. 60684

RULES FOR SAFE OPERATION

1. Know the controls and how to stop quickly. READ THE OWNER'S MANUAL.
2. Do not allow children to operate the vehicle. Do not allow adults to operate it without proper instruction.
3. Do not carry passengers. Keep children and pets a safe distance away.
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. Don't let other interests distract you.
6. Do not attempt to operate your tractor or mower when not in drivers seat.
7. Always get on or off your tractor from the operators left hand side.
8. Clear the work area of objects which might be picked up and thrown.
9. Disengage all attachment clutches and shift into neutral 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 repairs.
12. Disengage power to attachments when transporting or not in use.
13. Take all possible precautions when leaving the vehicle unattended, such as disengaging the power-take-off, lowering the attachments, shifting into neutral, setting the parking brake, stopping the engine, and removing 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. Do not shift gears while going up or down slopes. Choose a gear low enough to negotiate the slope without stopping and shifting gears. To reduce speed, move throttle lever to slow.
17. Never mow 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.
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 object.
21. Never shift gears until tractor comes to a stop.
22. Never place hands or feet under the mower, in the deflector (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 this owner's manual.
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 cap of the fuel tank or add gasoline to a running or hot engine, or fill the fuel tank indoors. Wipe 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.
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.
31. Except for adjustment; 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 THE 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.
35. When using the vehicle with mower, proceed as follows:
 - a. Mow only in daylight or in good artificial light.
 - b. Never make a cutting height adjustment while the engine is running if the operator must dismount to do so.
 - c. Shut the engine off when removing the grass catcher or unclogging chute.
 - d. Check the blade mounting bolts for proper tightness at frequent intervals.
36. Check the grass catcher bags frequently for wear or deterioration. Replace with new bags for safety protection.
37. Do not operate the Mower without either the entire grass catcher, on mowers so equipped, or the deflector shield in place.

To assemble your Dozer you will need:

9/16" Wrench
3/4" Wrench
11/16" Wrench

Hammer
Screwdriver
15/16" Wrench

PREPARATION FOR ASSEMBLY

Remove mower or any other attachment you may have mounted to your tractor.

Your shipment consists of two cartons. One carton containing the Dozer and the other a Lift Mechanism. Remove contents of both cartons and cut shipping wires.

YOU MUST HAVE THE LIFT MECHANISM (25403 OR 25404) SUITED TO YOUR TRACTOR TO ATTACH DOZER (25402).

If your tractor (Fig. 1) and tractor front end (grill and front axle) looks like Fig. 2, you must have Lift Mechanism Catalog No. 25404. Use the following steps for Assembly: 1, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13, 15, 17, 18 and 19.

If your tractor (see photo on cover) and tractor front end (grill and front axle) looks like Fig. 3, you must have Lift Mechanism Catalog No. 25403. Use the following steps for Assembly: 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 18 and 19.

You should have Tire Chains and Wheel Weights.

NOTE: RIGHT HAND (R.H.) AND LEFT HAND (L.H.) ARE DETERMINED FROM OPERATOR'S POSITION WHILE SEATED ON TRACTOR.

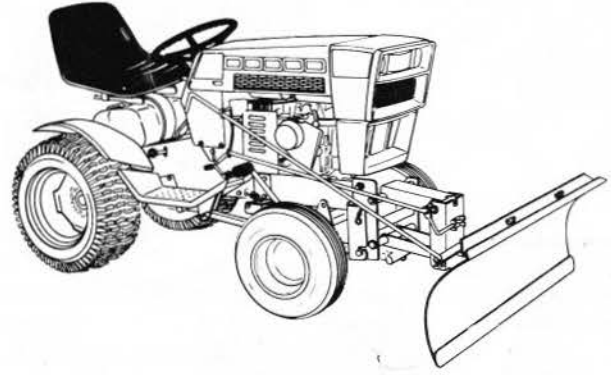


FIGURE 1

DOZER MOUNTED ON A SUBURBAN TRACTOR

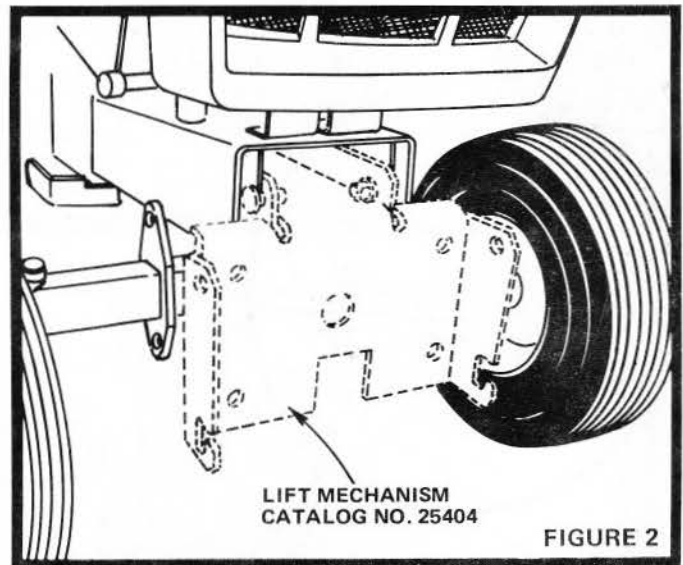


FIGURE 2

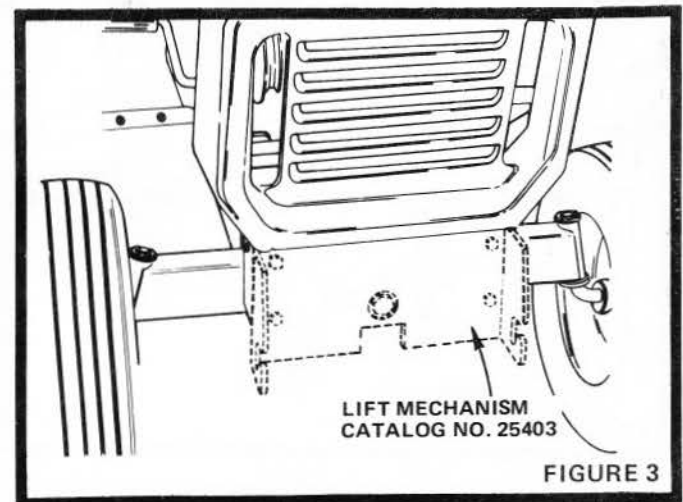


FIGURE 3

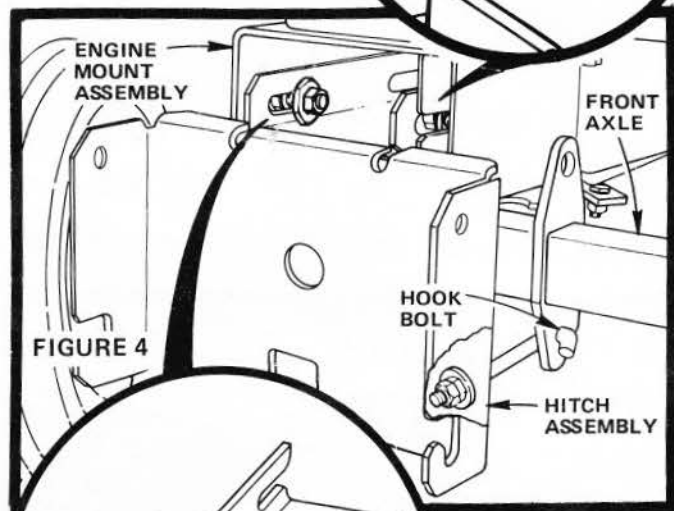
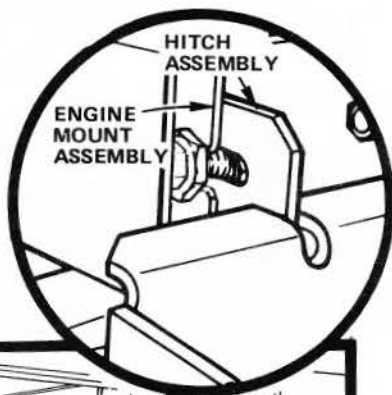


FIGURE 4

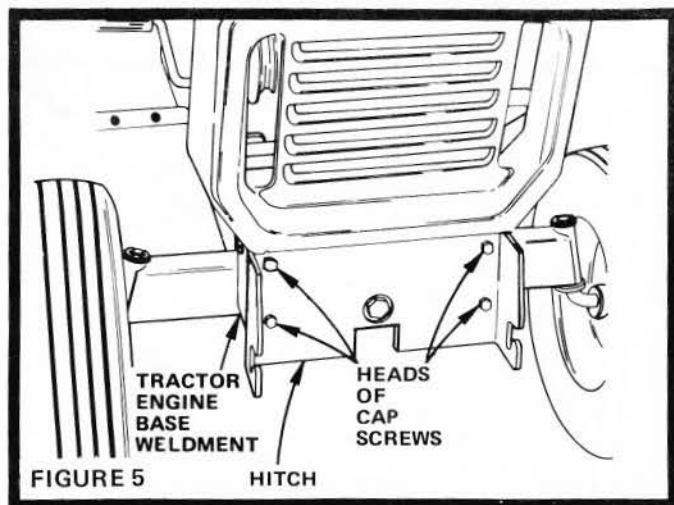
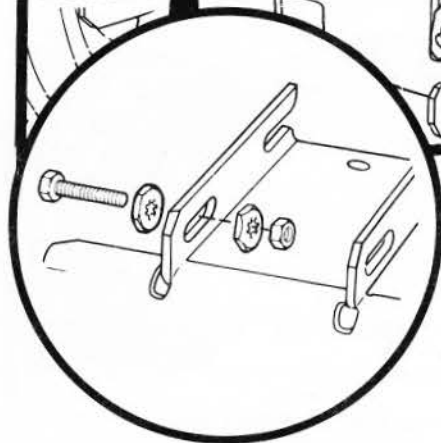


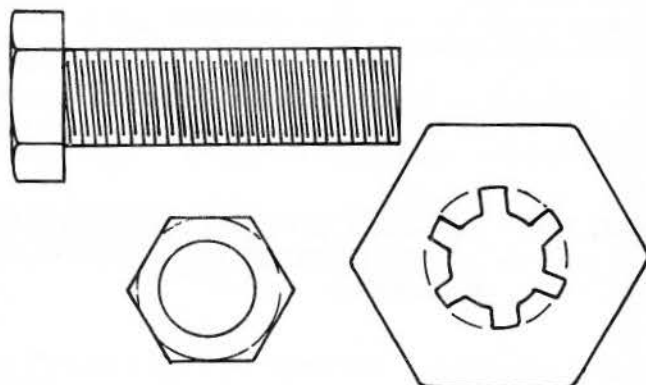
FIGURE 5

HITCH

ASSEMBLY

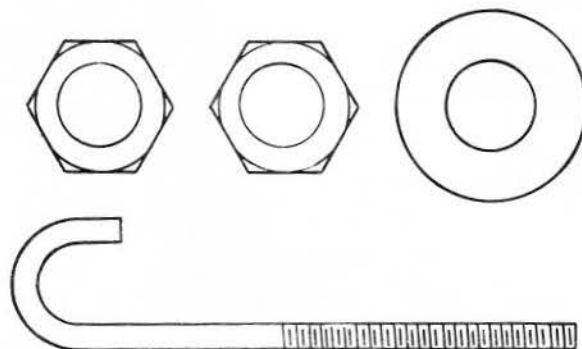
IF YOUR TRACTOR LOOKS LIKE FIG'S. 1 AND 2, FOLLOW STEP 1.

1. Install Hitch Assembly to Engine Mount Assembly (Fig. 4) using:



two Hex Bolts, four Pyramidal Lockwashers and two Hex Nuts (shown full size) found in bag of parts.

- a. Assemble a Bolt, Washers and Nut to each side of Hitch Assembly as shown in Fig. 4 - Lower Inset (head of bolts to outside). Leave Nut loose.
- b. Slide Hitch Assembly into slots of Engine Mount Assembly with heads of bolts and lockwasher on outside of Engine Mount Assembly (Fig. 4 - Upper Inset).
- c. Assemble Hook Bolt using:



two Hex Nuts and one Flat Washer (shown full size) and one Hook Bolt found in bag of parts. Place hook of Hook Bolt into hole in Front Axle (Fig. 4). Pull Hitch Assembly forward until threaded end of Hook Bolt can be placed into hole of Hitch Assembly. Slide Hitch Assembly into Engine Mount Assembly as far as it will go. Place Washer on threaded end of Hook Bolt. Now thread one Hex Nut on Hook Bolt against Washer allowing for play in Hook Bolt and hole in Front Axle for normal axle operation. Tighten second Hex Nut against first Hex Nut securely.

- d. Tighten the two Hex Nuts assembled in Step a, securely.

IF YOUR TRACTOR LOOKS LIKE THE PICTURE ON THIS MANUAL COVER AND FIGURE 3, FOLLOW STEP 2.

2. Install Hitch to tractor Engine Base Weldment (Fig. 5) using:

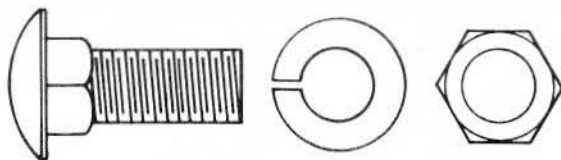


four Hex Head Cap Screws, four Lockwashers and four Hex Nuts (shown full size) found in bag of parts.

- a. Secure Hitch to tractor Engine Base Weldment, heads of Cap Screws to outside. Tighten securely.

NOTE: FIG'S 6 AND 7 ILLUSTRATE THE SUBURBAN TRACTOR LIFT LEVER PIVOT ASSEMBLY. HOWEVER, FOR ALL MODELS OF TRACTORS, THE LIFT LEVER ASSEMBLY IS ASSEMBLED IN THE SAME MANNER.

3. Secure Lift Lever Assembly to Lift Lever Pivot Assembly Fig's. 6 and 7 using:

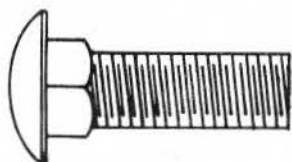


two Carriage Bolts, two Lockwashers and two Hex Nuts (shown full size) found in bag of parts.

- a. Position Lift Lever Assembly to Lift Lever Pivot Assembly and secure with two Carriage Bolts, two Lockwashers and two Nuts. HEADS OF CARRIAGE BOLTS TO INSIDE.
- b. Straddle Quadrant with Bracket and tap in Groove Pin with hammer. Pin must pass through Quadrant and into opposite side of Bracket (Fig. 7).

IF YOUR TRACTOR LOOKS LIKE FIG'S. 1 AND 2, FOLLOW STEP 4. IF YOUR TRACTOR LOOKS LIKE THE PICTURE ON THIS MANUAL COVER AND FIG. 3, FOLLOW STEP 5.

4. Secure Lift Lever Pivot Assembly to tractor using:



four Carriage Bolts (shown full size) found in bag of parts.

- a. Remove the two Nuts, Washers and Bolts in R.H. Foot Rest and Tractor Chassis (Fig. 8). Discard Bolts.
- b. Assemble Lever Pivot Bracket to Tractor Chassis and R.H. Foot Rest with new Carriage Bolts, Washers and Nuts removed in Step a. Leave Nuts loose.
- c. Repeat Step a for L.H. Foot Rest.
- d. Slide tube of Lift Lever Pivot Assembly into R.H. Lever Pivot Bracket. Assemble L.H. Lever Pivot Bracket to Tractor Chassis and L.H. Foot Rest with new Carriage Bolts, Washers and Nuts removed in Step c.
- e. Tighten all four Nuts securely.

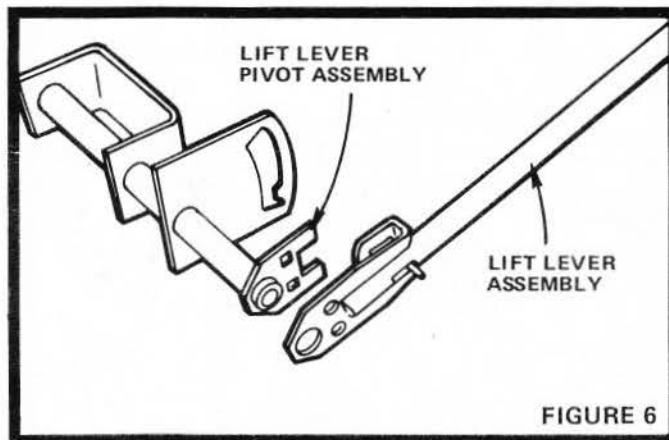


FIGURE 6

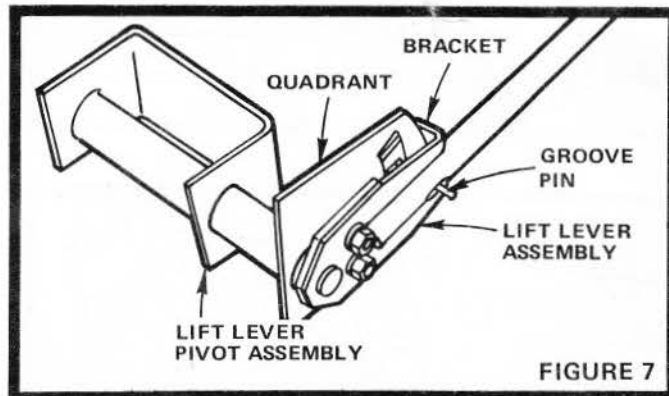


FIGURE 7

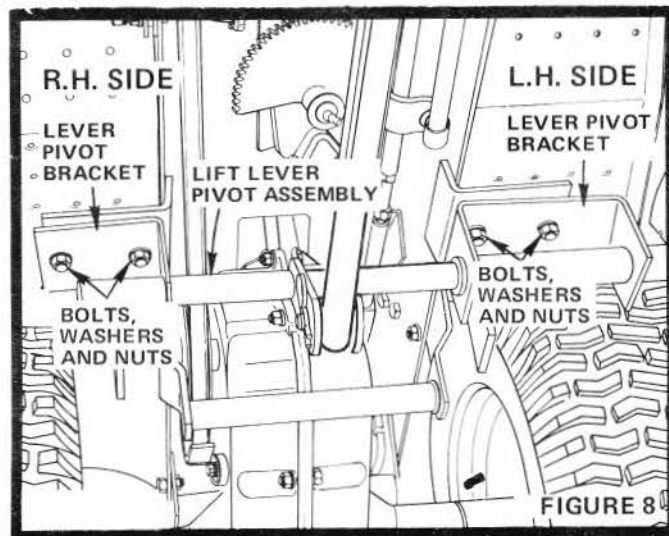
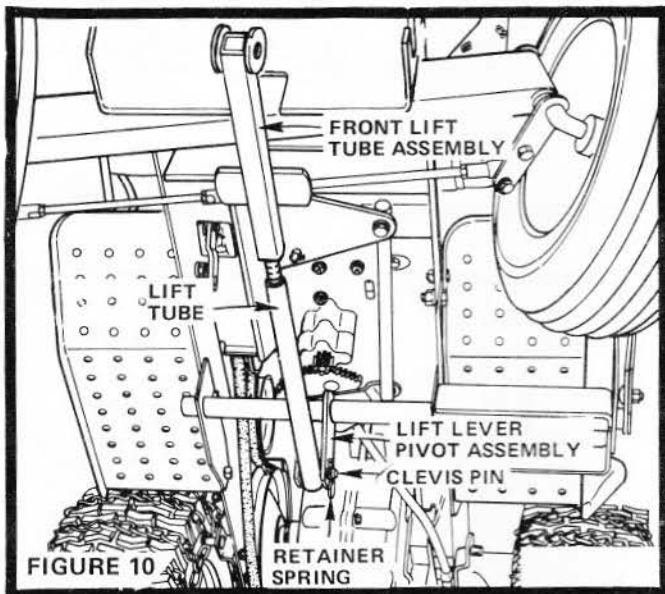
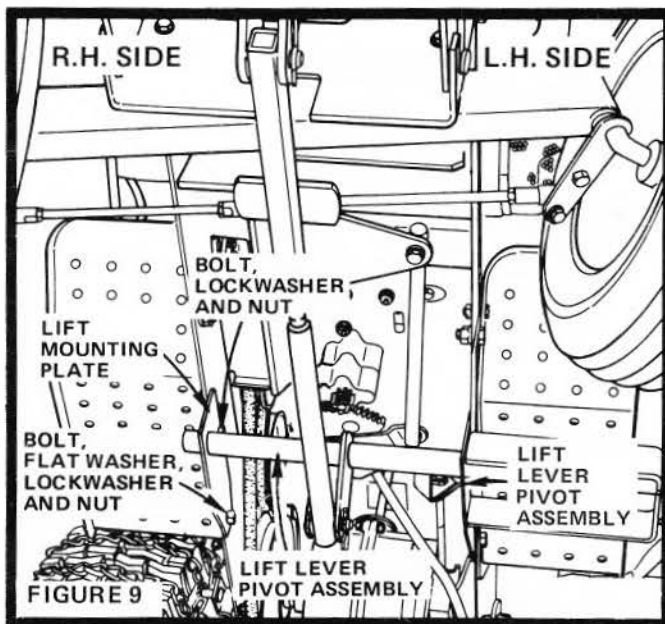
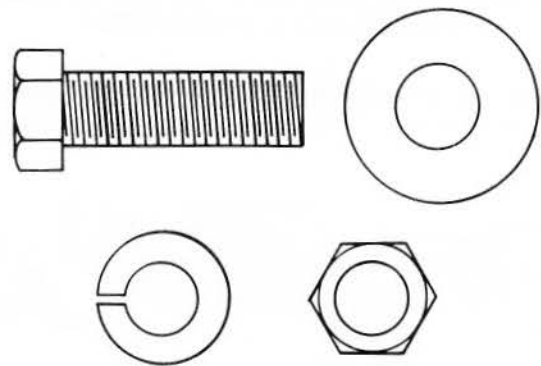


FIGURE 8



5. Secure Lift Lever Pivot Assembly to tractor using:

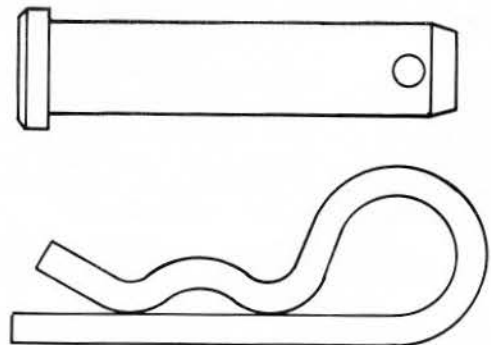


four Hex Head Cap Screws, two Flat Washers, four Lockwashers and four Hex Nuts (shown full size) found in bag of parts.

- Remove and discard the two Nuts, Washers and Bolts in the R.H. Foot Rest and Tractor Frame.
- Assemble Lift Mounting Plate to R.H. Foot Rest and Tractor Frame (Fig. 9).
NOTE: POSITION A FLAT WASHER ON THE REAR BOLT BETWEEN TRACTOR FRAME AND LIFT MOUNTING PLATE. HEAD OF BOLT FACING INSIDE OF TRACTOR.
- Repeat Step a for L.H. Foot Rest.
- Slide tube of Lift Lever Pivot Assembly into R.H. Lift Mounting Plate and assemble Lift Mounting Plate to L.H. Foot Rest and Tractor Frame.
NOTE: POSITION A FLAT WASHER ON THE REAR BOLT BETWEEN TRACTOR FRAME AND LIFT MOUNTING PLATE. HEAD OF BOLT FACING INSIDE OF TRACTOR.
- Tighten all four Nuts securely.

FOR ALL MODELS OF TRACTORS.

- Thread the Front Lift Tube Assembly into the Lift Tube all the way down on the threads (Fig. 10).
- Secure the Rear Lift Tube Assembly to the Lift Lever Pivot Assembly (Fig. 10) using:



one Clevis Pin and one Retainer Spring (shown full size) found in bag of parts.

8. Assemble Boot Assembly to Blade Mounting Bracket Assembly (Fig. 11) using:

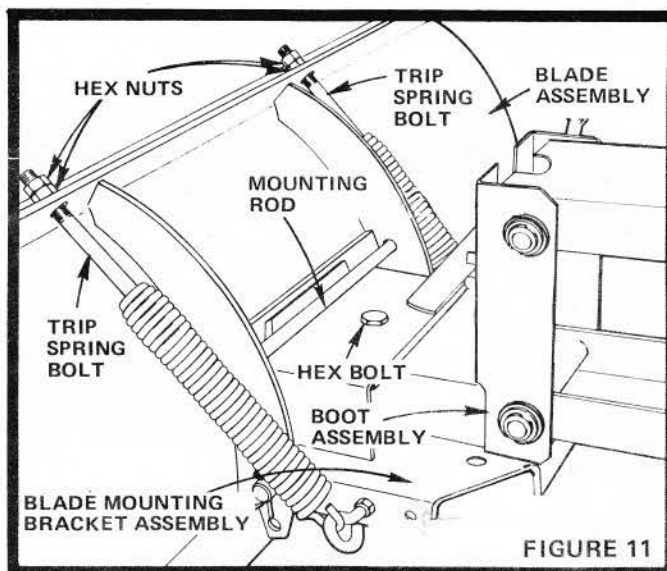
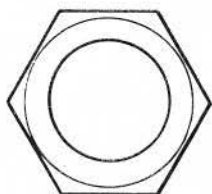
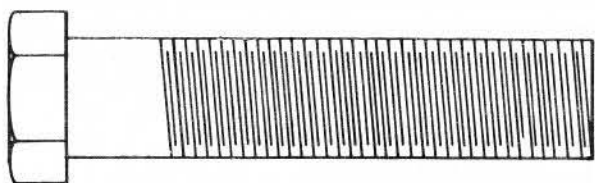


FIGURE 11

one Hex Nut (shown full size) and one Hex Bolt 5/8 x 4" found in bag of parts.

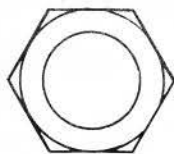
a. Secure Boot Assembly to Blade Mounting Bracket Assembly with Bolt and Hex Nut. Just snug up Nut - parts must move freely.

9. Remove Rear Pivot Shafts in Lift Channel Assembly and Channel Assembly by removing Klip Rings (Fig. 12). Assemble Lift Channel Assembly and Channel Assembly to Dozer Mounting Bracket assembly with Rear Pivot Shafts. Replace Washers and Klip Rings.

10. Insert Mounting Pins of Dozer Mounting Bracket Assembly into Hitch slots (Fig. 12).

11. Remove one Retainer Spring from Mounting Rod. Remove Mounting Rod from Blade Assembly (Fig. 11). NOTE: TURN FRONT TRACTOR WHEELS TO THE RIGHT TO HELP WITH THE REMOVAL AND INSERTION OF MOUNTING ROD. Insert Mounting Rod thru holes in Front Mounting Bracket and Dozer Mounting Bracket Assembly (Fig. 12). Secure with Retainer Spring.

12. Assemble a second Hex Nut (found in bag of parts and shown full size below) to each Spring Trip Bolt (Fig. 11).



13. Reassemble Blade Shoes on ends of Blade as shown in Fig. 12A.

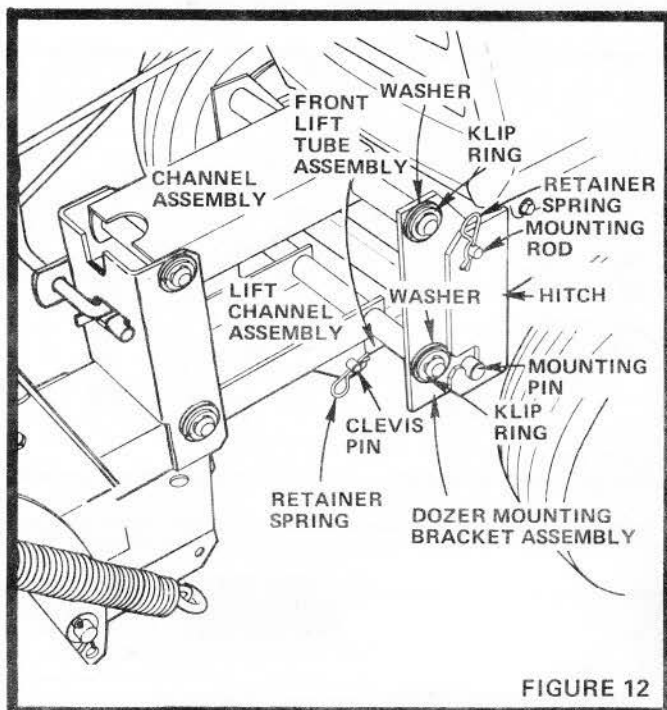


FIGURE 12

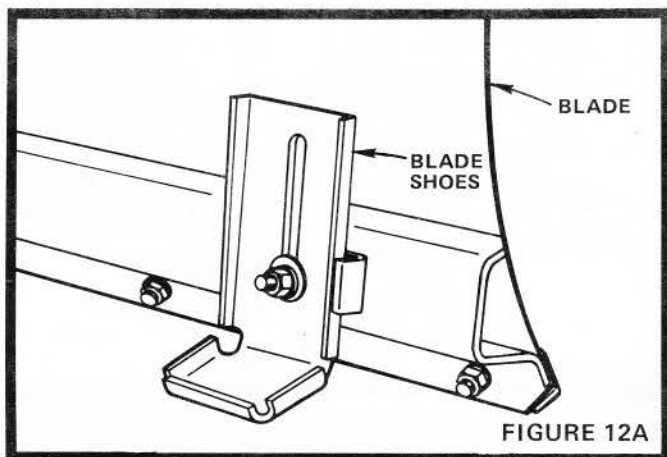


FIGURE 12A

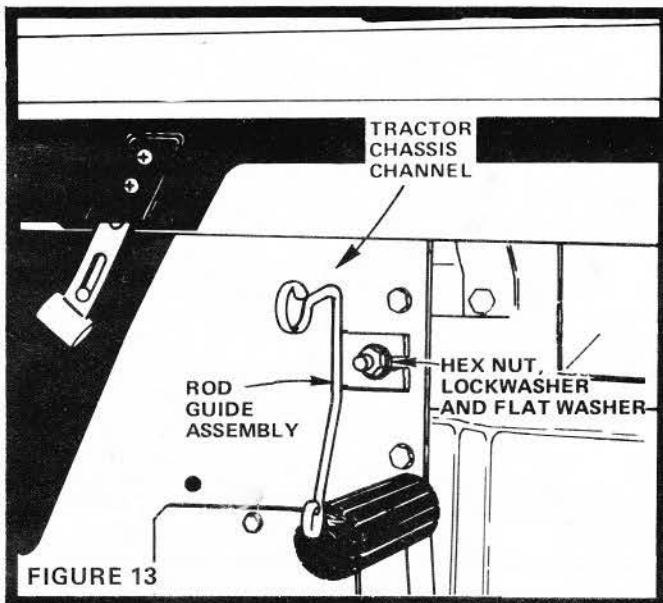


FIGURE 13

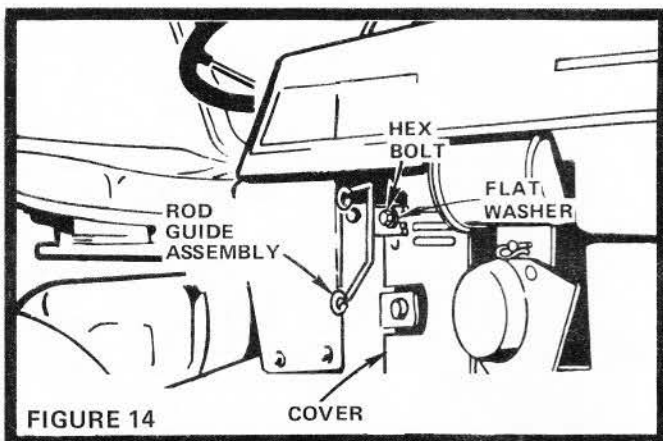


FIGURE 14

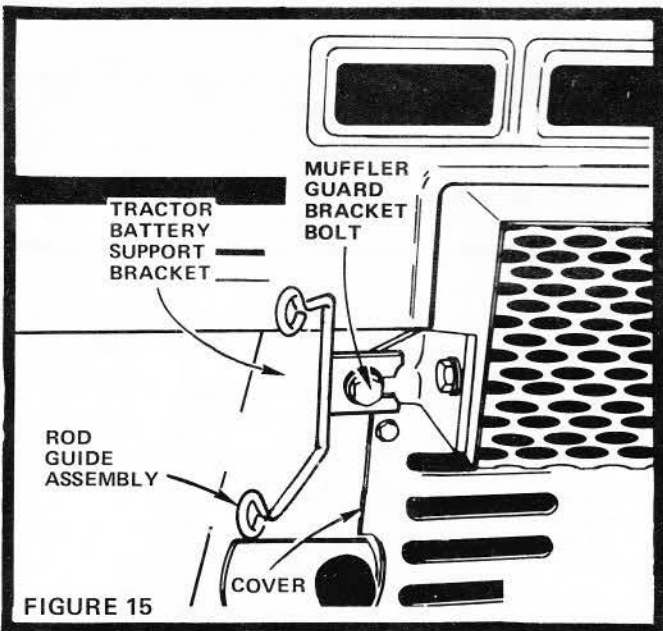
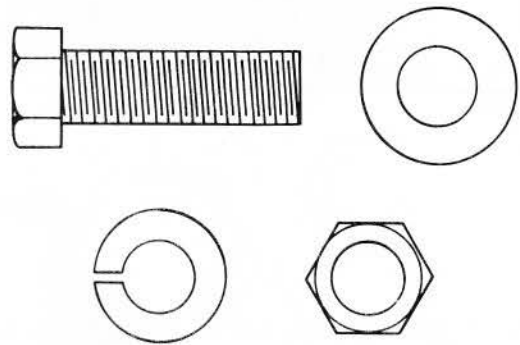


FIGURE 15

IF YOUR TRACTOR LOOKS LIKE THE PICTURE ON THIS MANUAL COVER AND FIG. 3, FOLLOW STEP 14.

14. Assemble Rod Guide Assembly to Tractor using:



Hex Bolt, Flat Washer, Lockwasher and Hex Nut (shown full size) found in bag of parts.

- Insert Hex Bolt through Chassis Channel from the inside (Fig. 13).
- Place Rod Guide Assembly, Flat Washer, Lockwasher and Hex Nut over Bolt and tighten Nut securely.

IF YOUR TRACTOR LOOKS LIKE FIG'S. 1 AND 2, FOLLOW STEP 15.

15. Assemble Rod Guide Assembly to Tractor:

- Remove Cover (Fig. 14).
- Loosen Hex Bolt.
- Place Rod Guide Assembly on Bolt between Flat Washer and Chassis Channel and tighten securely.
- Replace Cover.

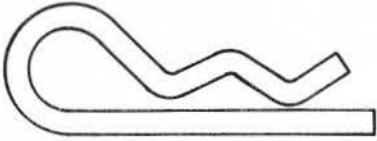
FOR ALL OTHER TRACTOR MODELS, FOLLOW STEP 16.

16. Assemble Rod Guide Assembly to Tractor:

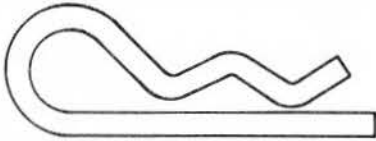
- Remove Cover (Fig. 15).
- Loosen Muffer Guard Bracket Bolt.
- Place Rod Guide Assembly on Bolt between Flat Washer and Bracket and tighten securely.
- Replace Cover.

FOR ALL MODELS OF TRACTORS.

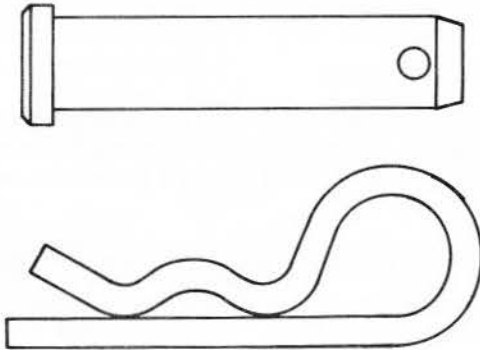
17. Insert Blade Control Rod thru upper eye of Rod Guide Assembly (Fig. 16). Place opposite end of Blade Control Rod in hole of Arm of Blade Mounting Bracket Assembly. Secure with Retainer Spring (shown full size) found in bag of parts.



18. Insert Latch Control Rod thru lower eye of Rod Guide Assembly (Fig. 16). Place opposite end of Latch Control Rod in hole of Blade Latch Lever. Secure with Retainer Spring (shown full size) found in bag of parts.



19. Attach Front Lift Tube Assembly to the Lift Channel Assembly (Fig. 12) using:



a Clevis Pin and Retainer Spring (shown full size) found in bag of parts.

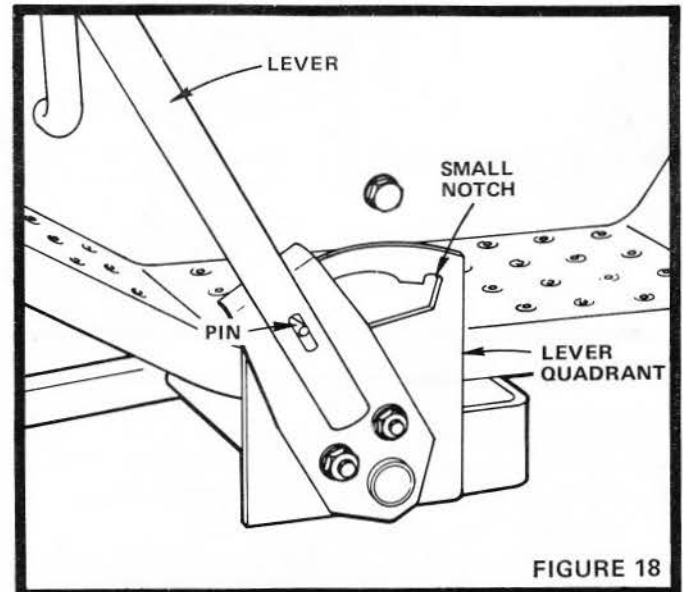
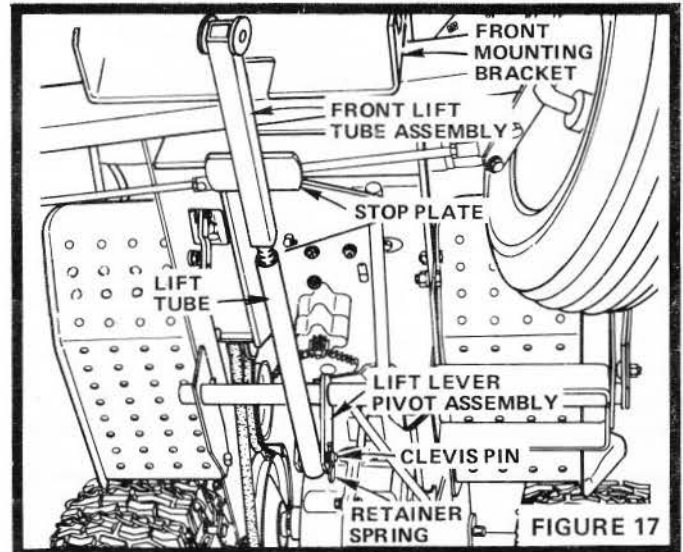
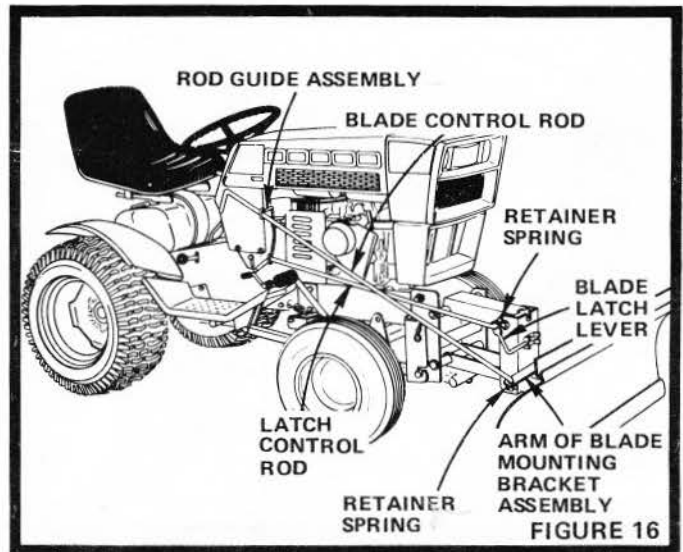
ADJUSTMENTS

HEIGHT STOP



ALWAYS LOWER BLADE TO GROUND PRIOR TO ADJUSTING HEIGHT STOP.

1. Remove Retainer Spring and Clevis Pin (Fig. 17) from Lift Lever Pivot Assembly and Lift Tube.
2. Adjust the Lift Tube until the Stop Plate touches the Front Mounting Bracket when Pin in Lever is at front edge of Small Notch in Lever Quadrant. Lengthen Lift Tube one or two additional turns and secure in Lift Lever Pivot Assembly with Clevis Pin and Retainer Spring. Be sure Pin in Lever does not contact rear of Small Notch after making this adjustment. This will give the maximum lift height attainable.



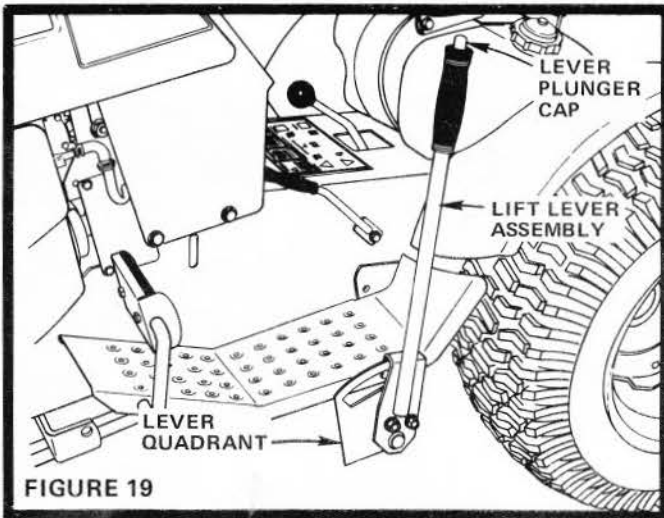


FIGURE 19

LIFT BLADE

Lift Blade from ground before changing blade angle or transporting.

1. Depress Lever Plunger Cap (Fig. 19).
2. Move Lift Lever Assembly to the extreme rear of the Lever Quadrant.
3. Release Lever Plunger Cap to hold this position.

ANGLE BLADE

There are five blade positions; straight ahead, and two distinct angles to the right or left.

ALWAYS LIFT BLADE FROM GROUND TO CHANGE ANGLE PREVENTING STRAIN ON ANGLE CONTROL LINKAGE.

1. With foot, push down on Latch Control Rod (Fig. 20).
2. Push or pull Blade Control Rod to desired angle.
3. Remove foot from Latch Control Rod. Blade Assembly will lock in one of the five operating positions.

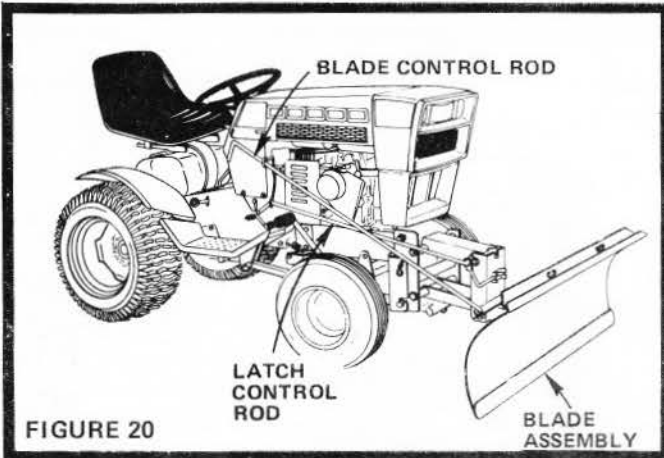


FIGURE 20

IMPROVE TRACTION

Wheel weights and tire chains should be used with your Dozer to improve traction. These accessories are available at your nearest Sears retail or catalog store.

ADJUST TRIP SPRING

Trip Springs have been adjusted at the factory to provide only a slight tension which is all that is normally necessary. To change spring tension, adjust the Nuts at the upper end of the Trip Springs (Fig. 22).

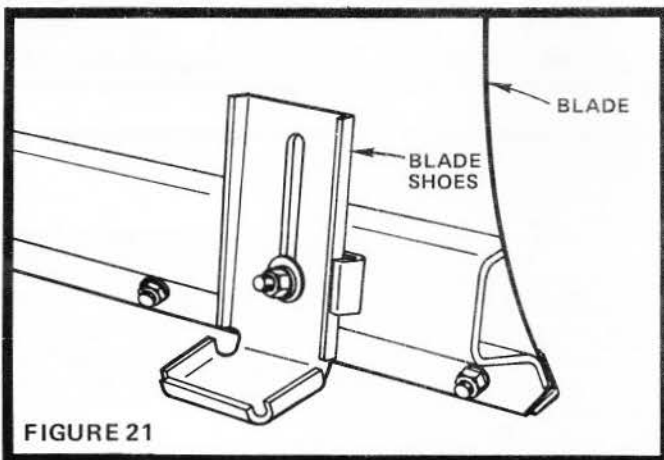


FIGURE 21

ADJUSTMENT TO SMOOTH OR UNEVEN SURFACES

Blade Shoes on ends of Blade (Fig. 21) may be raised for close dozing on smooth surfaces. Lowered to raise the Blade to work on rough or uneven areas. Make sure both Shoes are set evenly and nuts are tightened securely.

ADJUST TO SNOW OR SAND/GRAVEL REMOVAL

Your Dozer has been designed primarily for light work such as snow removal, but it will also work satisfactorily, if carefully used, in light soil, sand or similar material.

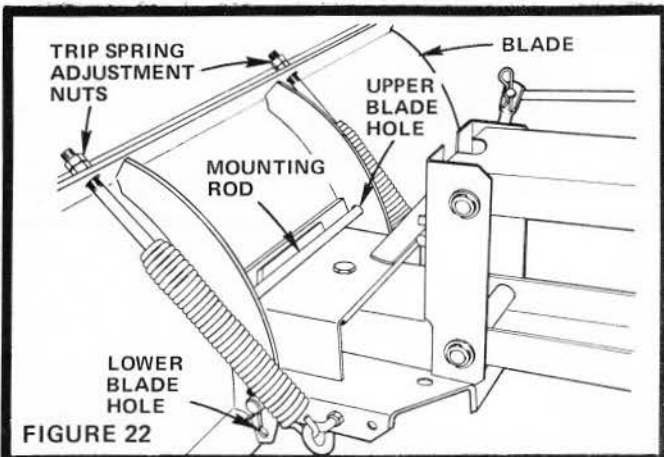


FIGURE 22

1. When moving snow or other light material, place the Mounting Rod in the Lower Blade Hole (Fig. 22). This frees the Blade to spring trip and return if a heavy obstacle is encountered. Secure with retainer springs.



KNOW THE TERRAIN. AVOID EXCEPTIONALLY SHARP SLOPES OR DROP OFFS WHICH MAY BE HIDDEN BY THE SNOW.

2. When heavier material must be moved, place the Mounting Rod in the Upper Blade Hole (Fig. 22). This places the blade in rigid operating position. Secure with retainer springs.



NEVER RUN THE BLADE INTO HEAVY MATERIAL AT HIGH SPEED.

OPERATION



INSPECT THE AREA TO BE WORKED CAREFULLY BEFORE OPERATING THE DOZER BLADE. AVOID PIPES, ROOTS, CURBS OR OTHER HEAVY OBSTRUCTIONS.

1. Start tractor engine and raise the blade to the highest "transport" position. Move blade to desired angle and lower blade to ground.
2. Shift the Hi-Lo Range Shift Lever to Low Range, (on tractors so equipped). Place tractor Shift Lever in Low and ease into the material to be moved. Increase tractor speed gradually to suit working conditions and operations being performed.



ALWAYS LOWER BLADE TO GROUND BEFORE LEAVING TRACTOR.

TO REMOVE DOZER FROM TRACTOR

1. Remove Retainer Spring and Clevis Pin from Lift Tube and Lift Lever Pivot Assembly (Fig. 10).
2. Depending on your type of tractor:
Remove the Nuts, Washers and Bolts from the Lift Mounting Plates, tractor Frame and Foot Rests (Fig. 9). - OR -
Remove the Nuts, Washers and Bolts from the Lever Pivot Brackets, tractor Chassis and Foot Rests (Fig. 8). In either case, replace hardware.
3. Remove Retainer Springs from Blade Control Rod and Latch Control Rod (Fig. 16). Remove Rods from Rod Guide Assembly.
4. Remove the Retainer Spring in Mounting Rod at L.H. side of Dozer (Fig. 12). Slide Mounting Rod from Front Mounting Bracket and Dozer Mounting Bracket Assembly. NOTE: FRONT TRACTOR WHEELS MAY NEED TO BE TURNED TO THE RIGHT.
5. Lift Dozer Mounting Bracket up so Mounting Pins are free of Front Mounting Bracket slots (Fig. 12).
6. Retainer Spring and Clevis Pin may be removed from Front Tube Assembly (Fig. 12), or Dozer pulled forward to free Dozer from Tractor.

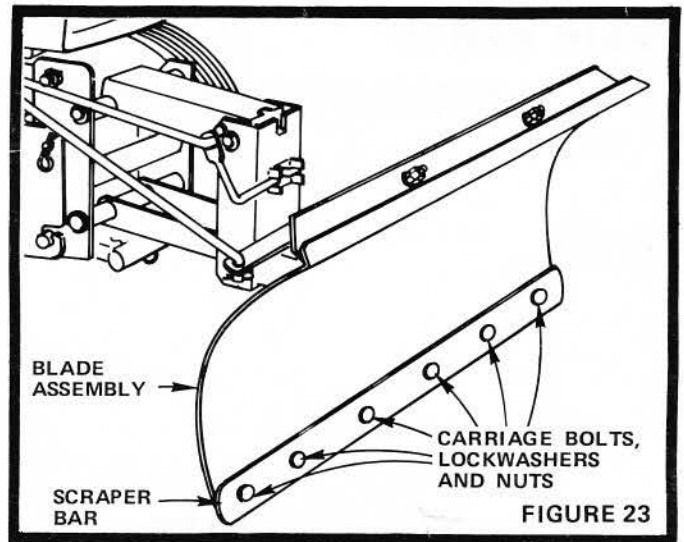


FIGURE 23

MAINTENANCE

During the operating season, check all bolts, nuts and retainer springs to be sure they are secure. For better snow removal performance, coat the blade with automobile type paste wax. This will permit the snow to slide off the blade easier.

LUBRICATION

Oil all pivot points so that they will work freely. Apply a light grease to front and rear Pivot Shafts (Fig's. 11 and 12).

SCRAPER BAR

After extensive use, the Scraper Bar may be reversed to utilize the unused edge (Fig. 23).

1. Remove the six Nuts, Lockwashers and Carriage Bolts in the Scraper Bar and Blade Assembly.
2. Reverse Scraper Bar and secure to Blade Assembly with Bolts, Lockwashers and Nuts previously removed. Head of Carriage Bolts to outside of Blade.

STORAGE

When the Dozer is not being used, remove all dirt and rust and touch up with paint.

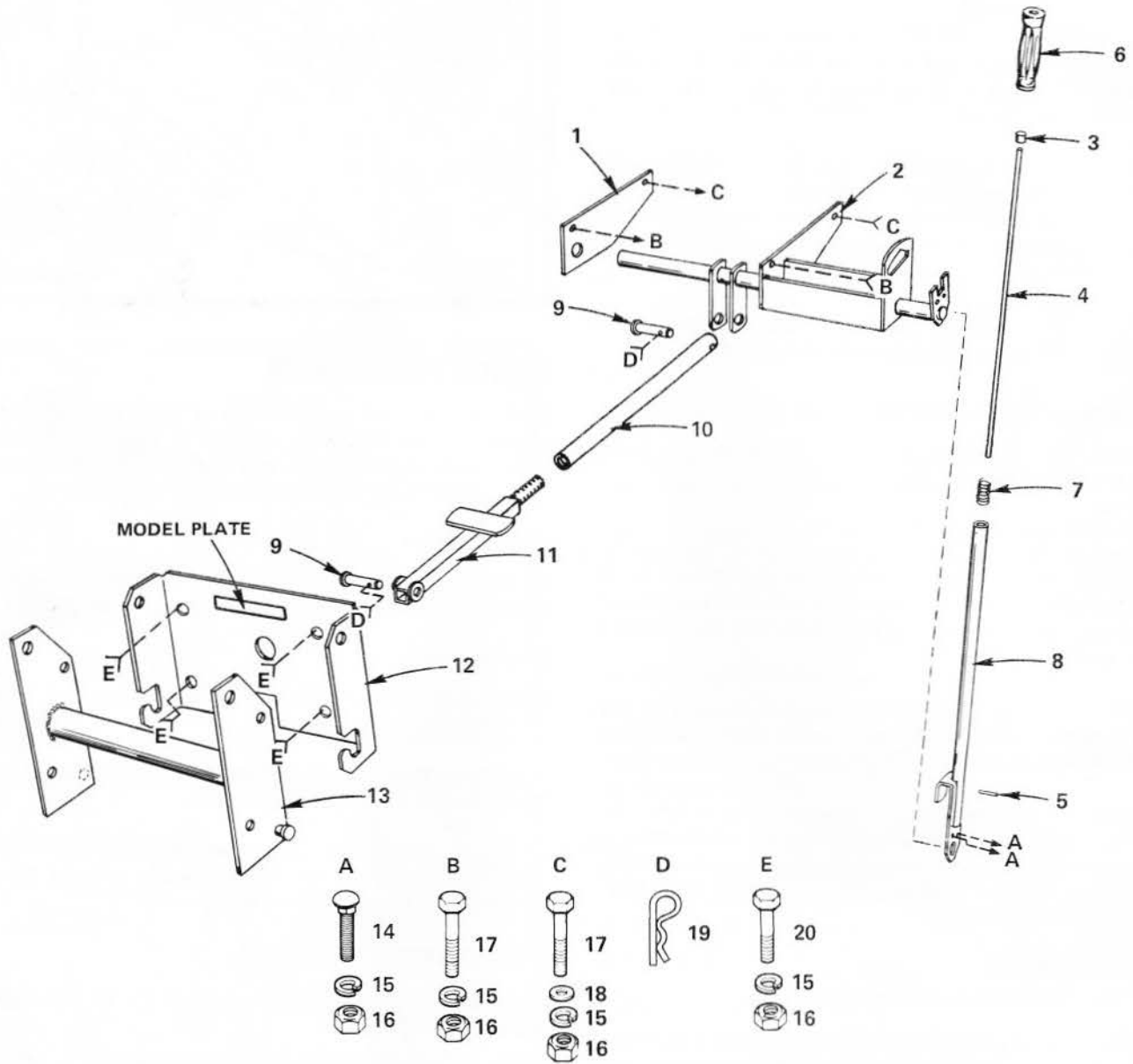
Apply a light coat of grease or rust preventative to the blade and oil pivot points.

Store in an area where it is protected from weather.

Sears, Roebuck and Co. reserves the right to make any changes in design or improvements without imposing any obligation to install the same upon its items heretofore manufactured.

REPAIR PARTS

SEARS 46 INCH DOZER LIFT MECHANISM--MODEL NUMBER 917.254030

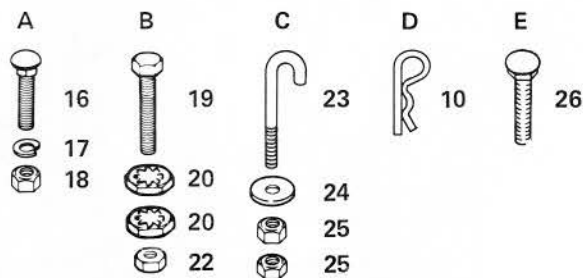
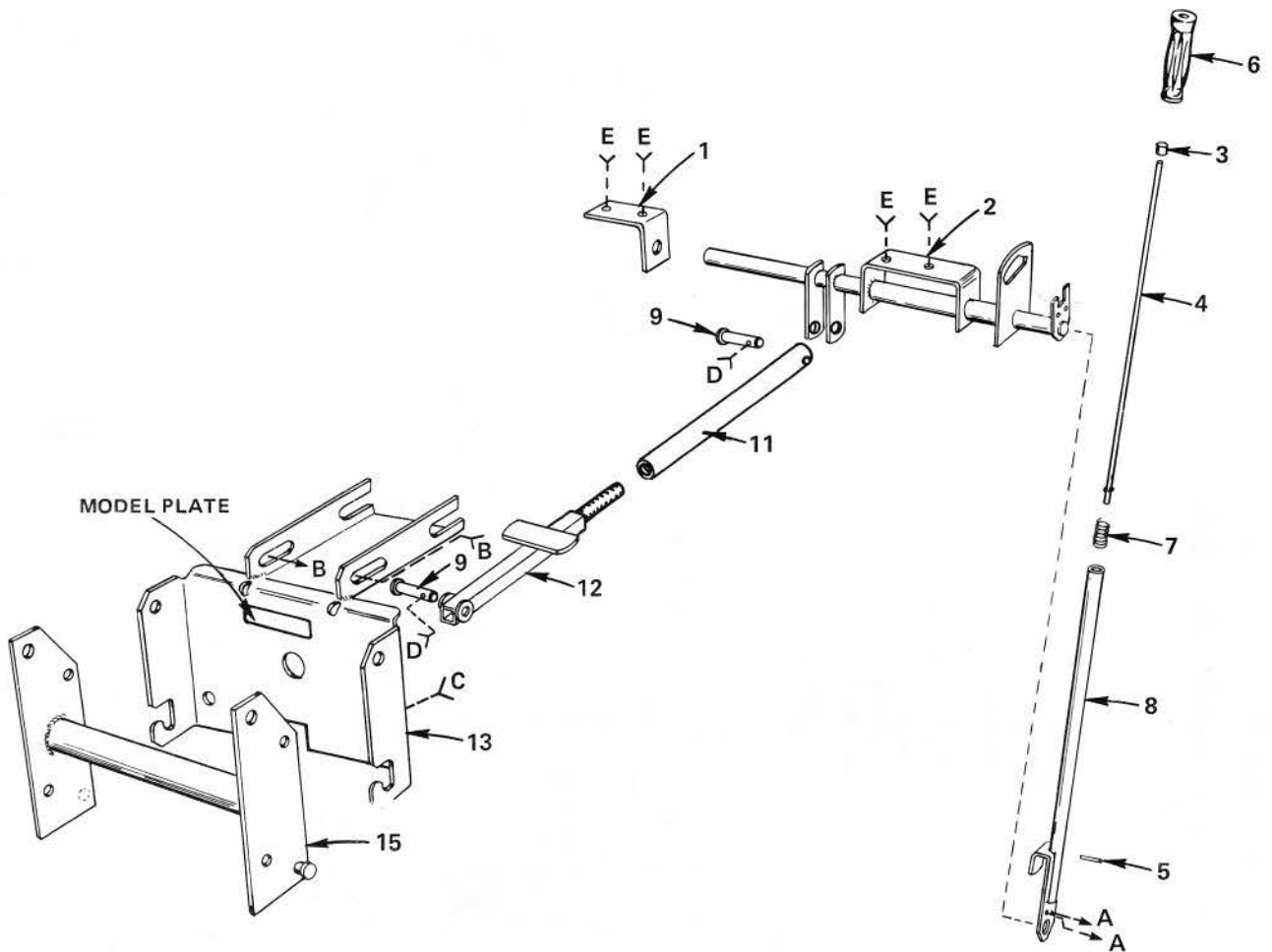


KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	3162J	Plate - Lift, Mounting	12	3158J	Hitch
2	677A274	Pivot Assembly - Lever, Lift	13	678H159	Bracket Assembly - Mounting, Dozer
3	9479R	Cap - Lever Plunger	14	28P	Bolt - Sq. Neck Carriage 3/8 - 16 UNC x 1 Gr. 5
4	3177J	Plunger - Lever	15	STD551137	*Lockwasher 3/8 Heavy
5	3172J	Pin - Groove	16	STD541037	*Nut - Hex 3/8 - 16 UNC
6	2895H	Handle Grip	17	STD523712	*Screw - Hex Head Cap 3/8 - 16 UNC x 1 - 1/4 Gr. 5
7	2876H	Spring	18	1559P	Washer 7/16 x 1 x 10 Ga.
8	677A279	Lever Assembly - Lift (Inc. Key No's. 4, 5 and 7)	19	4940M	Retainer Spring
9	3170J	Pin - Clevis	20	STD523710	*Screw - Hex Head Cap 3/8 - 16 UNC x 1 Gr. 5
10	677H468	Tube, Lift	---	1129J	Warranty Tag
11	677A277	Tube Assembly - Lift, Front			

*STANDARD HARDWARE--PURCHASE LOCALLY

REPAIR PARTS

SEARS 46 INCH DOZER LIFT MECHANISM--MODEL NUMBER 917.254040

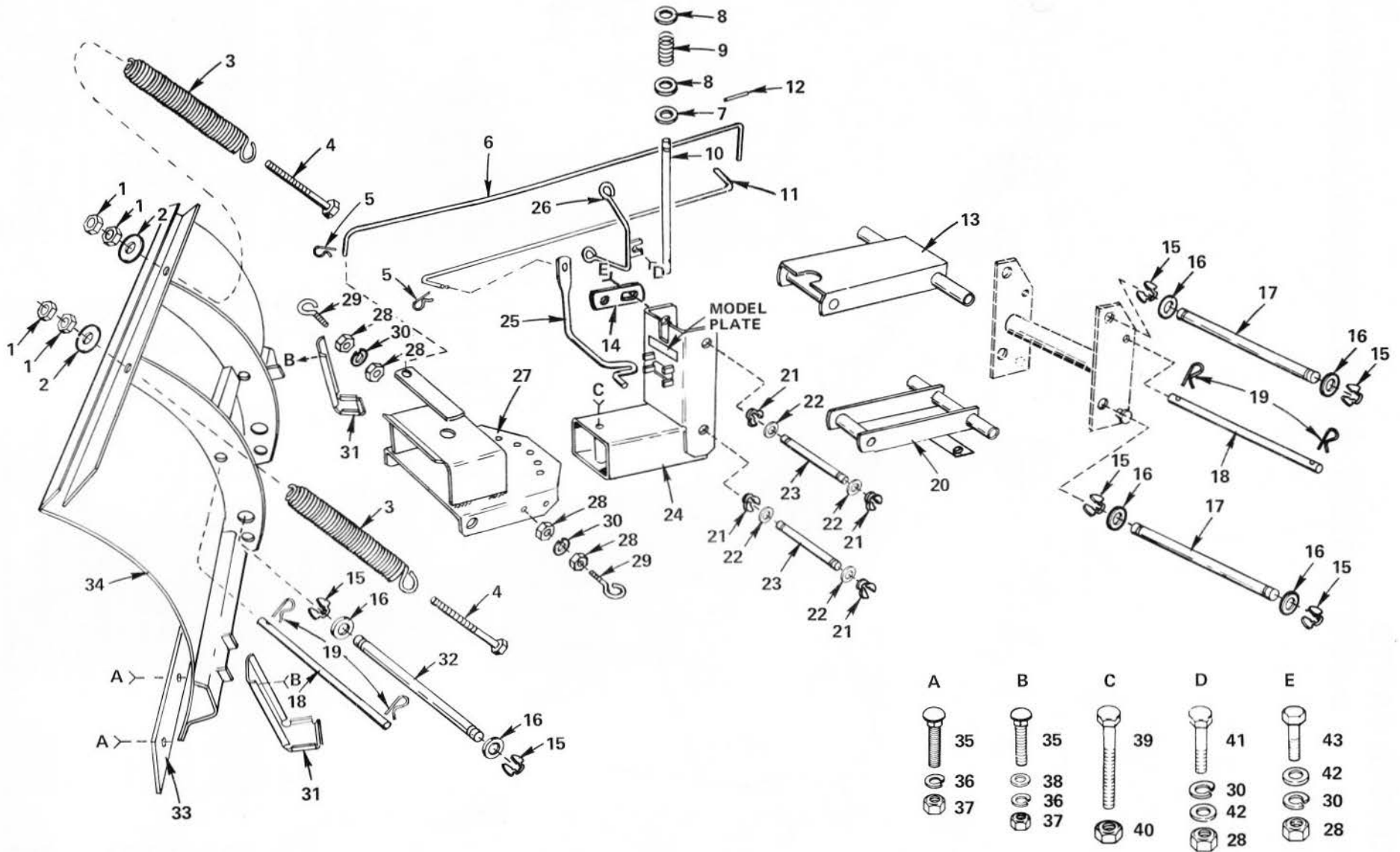


KEY NO.	PART NO.	DESCRIPTION	KEY NO.	PART NO.	DESCRIPTION
1	3175J	Bracket - Pivot, Lever	13	677A268	Hitch Assembly
2	677A269	Pivot Assembly - Lever, Lift	15	678H159	Bracket Assembly - Mounting, Dozer
3	9479R	Cap - Lever Plunger	16	28P	Bolt, Sq. Neck Carriage 3/8 - 16 UNC x 1 Gr. 5
4	3177J	Plunger - Lever	17	STD551137	* Lockwasher 3/8 Heavy
5	3172J	Pin - Groove	18	STD541037	* Nut - Hex 3/8 - 16 UNC
6	2895H	Handle Grip	19	STD525017	* Bolt - Hex 1/2 - 13 UNC x 1 - 3/4 Gr. 5
7	2876H	Spring	20	4071J	Washer - Lock, Pyramidal
8	677A279	Lever Assembly - Lift (Inc. Key No's. 4, 5 and 7)	22	STD541050	* Nut - Hex 1/2 - 13 UNC
9	3170J	Pin - Clevis	23	3142J	Bolt - Hook
10	4940M	Retainer Spring	24	1519P	Washer - Flat 15/32 x 1 x 12 Ga.
11	677H468	Tube, Lift	25	STD541043	* Nut - Hex 7/16 - 14 UNC
12	677A272	Tube Assembly - Lift, Front	26	78P	Bolt, Sq. Neck Carriage 3/8 - 16 UNC x 1 - 1/4 Gr. 5
			---	1129J	Warranty Tag

*STANDARD HARDWARE--PURCHASE LOCALLY

REPAIR PARTS

SEARS 46 INCH DOZER--MODEL NUMBER 917.254020



A	B	C	D	E

REPAIR PARTS

SEARS 46 INCH DOZER--MODEL NUMBER 917.254020

KEY NO.	PART NO.	DESCRIPTION
1	STD541050	*Nut - Hex 1/2 - 13 UNC
2	1545P	Washer 17/32 x 1 x 16 Ga.
3	9466R	Spring - Trip
4	3411P	Bolt - Hex 1/2 - 13 UNC x 5 - 1/2 (2" Min. Thread)
5	4939M	Retainer Spring
6	3136J	Rod - Control, Blade
7	1503P	Washer 21/32 x 1 - 5/16 x 13 Ga.
8	1550P	Washer 21/32 x 1 x 12 Ga.
9	9638R	Compression Spring
10	3124J	Pin - Latch
11	3137J	Rod - Control, Latch
12	7836M	Roll Pin
13	677A260	Channel Assembly
14	4070J	Clip - Lever, Latch
15	5027P	Klip Ring
16	1552P	Washer 25/32 x 1 - 1/4 x 16 Ga.
17	3116J	Shaft - Pivot, Rear
18	3134J	Rod - Mounting
19	4940M	Retaining Spring
20	677A259	Channel Assembly - Lift
21	5026P	Klip Ring
22	1647P	Washer 21/32 x 1 - 1/4 x 16 Ga.
23	3111J	Shaft - Pivot, Front

KEY NO.	PART NO.	DESCRIPTION
24	677A262	Boot Assembly
25	3125J	Lever - Latch, Blade
26	677A266	Guide Assembly, Rod
27	677A265	Bracket Assembly - Mounting Blade
28	STD541037	*Nut - Hex 3/8 - 16 UNC
29	3133J	Bolt - Eye
30	STD551137	*Lockwasher 3/8
31	3132J	Shoe
32	3135J	Shaft - Mounting, Blade
33	3117J	Bar - Scraper
34	677A264	Blade Assembly
35	77P	Bolt - Carriage 5/16 - 18 UNC x 1 Gr. 5
36	STD551131	*Lockwasher 5/16
37	STD541031	*Nut - Hex 5/16 - 18 UNC
38	1537P	Washer 11/32 x 11/16 x 16 Ga.
39	3410P	Bolt - Hex 5/8 - 11 UNC x 4
40	600P	Nut - Hex Center Lock Nylon Patch 5/8 - 11 UNC
41	STD523712	*Bolt - Hex 3/8 - 16 UNC x 1 - 1/4
42	STD551037	*Washer 13/32 x 13/16 x 16 Ga.
43	STD523710	*Bolt - Hex 3/8 - 16 UNC x 1
--	1129J	Warranty Tag
--	3110J	Owners Manual

*STANDARD HARDWARE--PURCHASE LOCALLY

Sears

**OWNERS
MANUAL**

46" DOZER
MODEL NO.
917.254020

USED WITH LIFT
MECHANISM
MODEL NO.
917.254030 OR
917.254040

**HOW TO ORDER
REPAIR PARTS**

46 INCH DOZER AND LIFT MECHANISMS

The Model Number will be found on a plate attached to the Upper Channel of the Boot Assembly (page 12) for the Dozer. The Model Plates for the Lift Mechanism are attached to Hitch (page 10) and Hitch Assembly (page 11). Always mention the Model Number when requesting service or repair parts for your Dozer or Lift Mechanism.

All parts listed herein may be ordered from any Sears Service Center and most Sears 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 electronically transmitted to a Sears Repair Parts Distribution Center for "expedited handling".