

**LaPLANT-CHOATE**  
**PARTS CATALOG**

**SIDE-DOZER**  
**MODEL R76F**  
(Cable-Operated)  
Serial Nos. 1 and Up

**LAPLANT**  **CHOATE**

MANUFACTURING

Cedar Rapids

CO., INC.

Iowa, U. S. A.

# INSTRUCTIONS

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## IMPORTANT INSTRUCTIONS FOR ORDERING PARTS

Our work will be simplified, your shipment will be expedited, and errors eliminated if these instructions are followed.

1. Give individual or firm name and destination to which shipment is to be made.
2. State clearly whether shipment shall be made by Parcel Post, Express, Air Express, Rail or Motor Freight.
3. List parts required in numerical order, stating number of pieces wanted, part number, and part name.
4. GIVE SERIAL NUMBER AND MODEL NUMBER OF PRODUCT FOR WHICH PARTS ARE BEING ORDERED.
5. Order all parts from dealer representing your district.
6. Confirm all telephone, telegraph and teletype orders in writing.

Unless the purchaser has an open account with us or has made some previous arrangement, shipments of parts will be made C. O. D. and transportation charges will be added to the price of the purchase where prepaid charges are required.

When small parts such as nuts, washers, cotter pins or special fittings are required, these should be specified in addition to the part number and listed as separate items. If for any reason it is necessary to return parts, the box or package containing same should be labeled with the sender's name and address and charges should be prepaid.

Advise us fully regarding such shipments even though there has been previous correspondence on the subject.

CODE:    1 2 3 4 5 6 7 8 9 0 -  
          A B J K M N Q W X Y U

# R76F SIDE DOZER

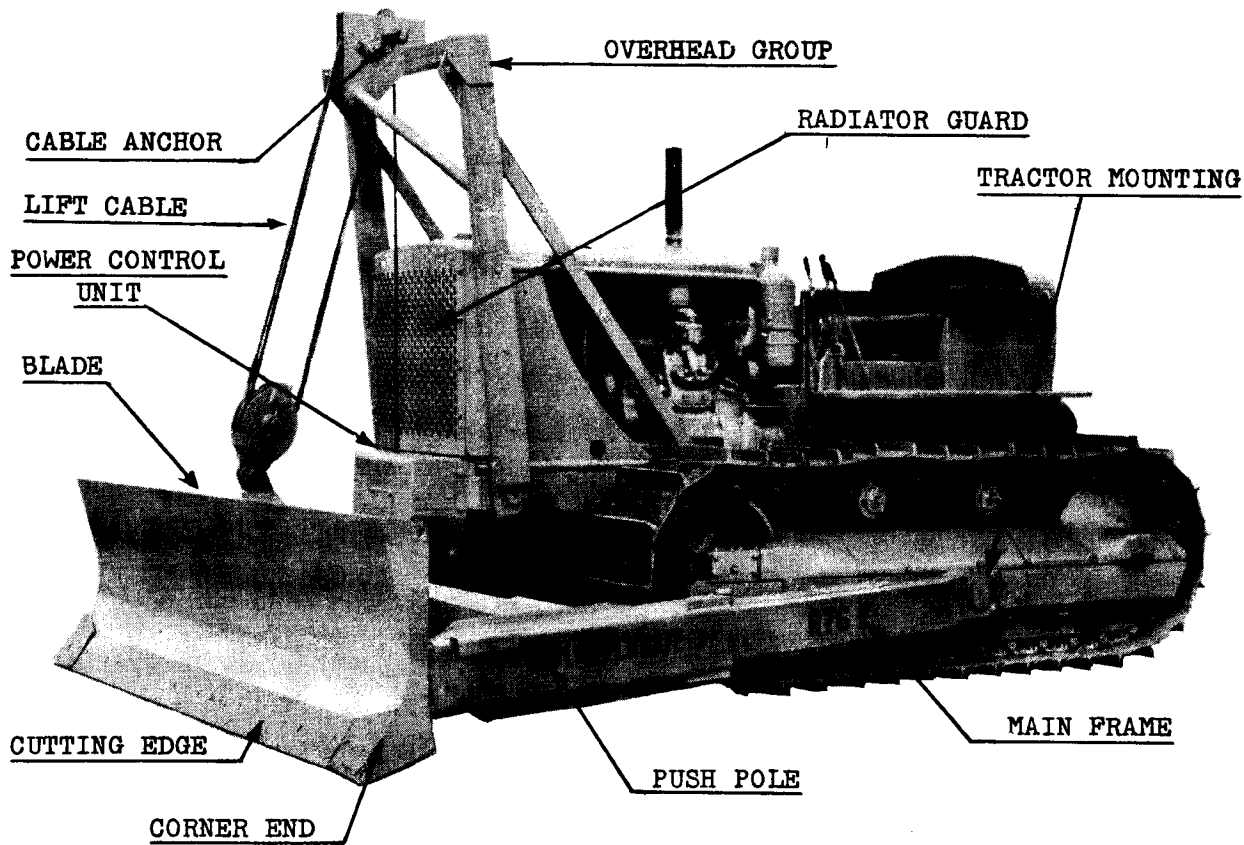
## Master Parts Catalog

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LaPLANT-CHOATE MANUFACTURING CO., INC.  
Cedar Rapids, Iowa, U. S. A.

Western Division Office  
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MODEL R76F TRAILBUILDER - GENERAL ARRANGEMENT

# MOUNTING INSTRUCTIONS

R76F Side-Dozer

For use with Caterpillar D7 Track Type Tractor and LeTourneau front power unit.

## TO MOUNT TRACTOR MOUNTING GROUP

Place RH Tractor Mounting Group #47398 over holes provided in outside of track roller frame and secure in place with 8 #4976 USS Capscrews 7/8" x 2-1/2" and 8 #558 Lockwashers 7/8". Refer to parts plate #1311.

Place LH Tractor Mounting Group #47399 over holes provided in outside of track roller frame and secure in place with 8 #4976 USS Capscrews 7/8" x 2-1/2" and 8 #558 Lockwashers 7/8". Refer to parts plate #1311.

To Mount Overhead Group refer to parts plate #1510. It is necessary to remove Caterpillar Radiator Guard as this Guard cannot be used with LaPlant-Choate Equipment.

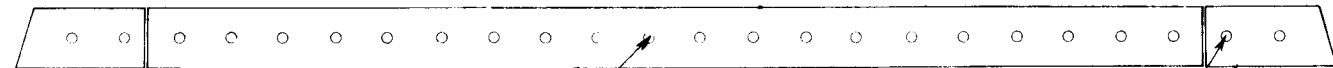
Remove #47437 RH and #47438 LH Overhead Brace assemblies. **IMPORTANT:** Do not remove #47411 RH and 47412 LH Overhead Mounting Plate Assemblies. Lay #47446 Overhead Assembly forward in horizontal position and bolt #47411 RH and #47412 LH Overhead Mounting Plates to holes provided in front of tractor motor frame with 10 #22315 USS Capscrews 7/8" x 3", 10 #3880 USS Hex Nuts and 10 #558 Lockwashers 7/8". Bolt #47437 RH and 47438 LH Overhead Braces in place on bottom of motor frame using 4 #5134 SAE Capscrews 3/4" x 2-3/4", 4 #2750 SAE Hex Nuts 3/4" and 4 #556 Lockwashers. Do not draw bolts tight. Swing #47446 to vertical position and fasten top to #47437 and #47438 Braces using 2 #5288 SAE Capscrews 1-1/4" x 3-1/4", 2 #2761 SAE Hex Nuts 1-1/4" and 2 #564 Lockwashers 1-1/4". Tighten all bolts.

Install #47471 LaPlant-Choate Radiator Guard to #47447 Overhead Group using 6 #5092 SAE Capscrews 1/2" x 4-3/4", 6 #2741 SAE Hex Nuts 1/2" and 6 #552 Lockwashers 1/2".

To Install Main Frame Refer to parts plate #1313.

Remove #46597 Jaw Caps and drive Tractor into frame. Re-install caps over #46579 Pivot Bearing.

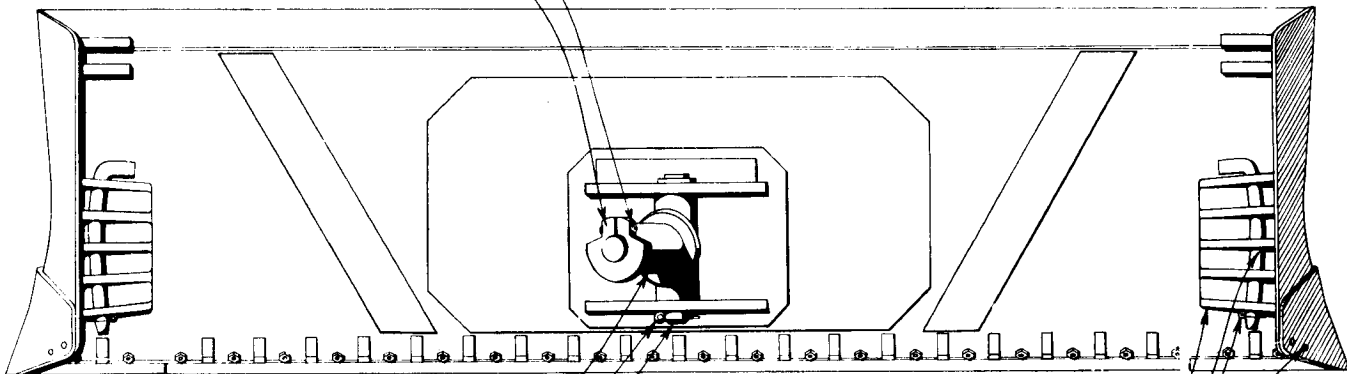
Install #35550 1/2" - 6 x 19 x 45' wire rope in overhead and Mainframe Sheave Blocks as illustrated on parts plate #1319 and attach to LeTourneau Front Power Unit Drum. **IMPORTANT:** Note that cable anchors and pockets are provided on both sides of overhead. To operate this model the cable must be dead-ended to cable anchor on RH side of overhead group facing from rear of tractor.



- 1-CUTTING EDGE.....19070
- 20-PLOWBOLT...5/8 X 2.....2668
- 1-BOLT...5/8 X 3-1/2.....3117
- 1-HEX NUT...5/8.....2746
- 1-CLAMP NUT.....46150

- 4-PLOWBOLT...5/8 X 2-1/4.....2656
- 1-R.H. CUTTING EDGE.....20729
- 1-L.H. CUTTING EDGE.....20730

7



- 1-BLADE PIVOT.....68935
- 1-COTTER PIN...1/2 X 3.....3076
- 1-PIN.....29769

- 2-BLADE LOCK.....33785
- 2-BLADE LOCK PIN.....20753
- 2-COTTER PIN...3/8 X 2.....3062
- 4-PLOWBOLT...5/8 X 1-3/4.....2624

(46563)

BLADE GROUP

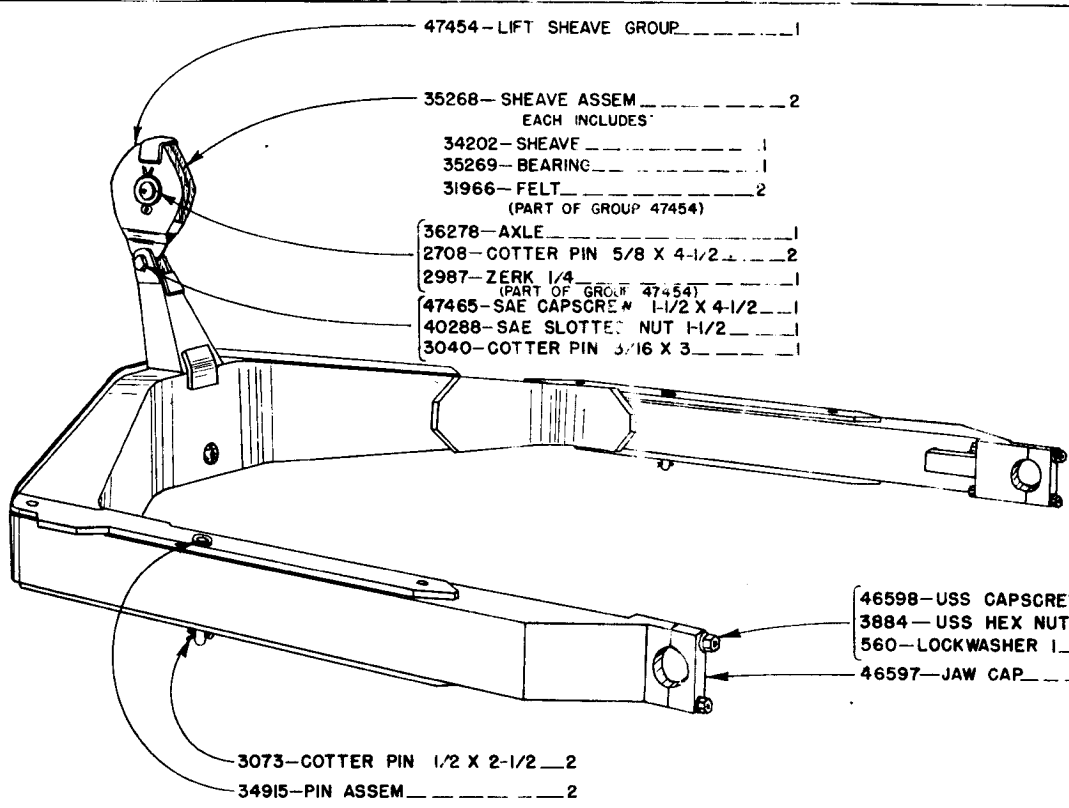
1528

BLADE

R76F — 1 AND UP

MAIN FRAME AND LIFT

R76F — 1 AND UP



47454—LIFT SHEAVE GROUP \_\_\_\_\_ 1

35268—SHEAVE ASSEM \_\_\_\_\_ 2  
EACH INCLUDES:

34202—SHEAVE \_\_\_\_\_ 1

35269—BEARING \_\_\_\_\_ 1

31966—FELT \_\_\_\_\_ 2

(PART OF GROUP 47454)

36278—AXLE \_\_\_\_\_ 1

2708—COTTER PIN 5/8 X 4-1/2 \_\_\_\_\_ 2

2987—ZERK 1/4 \_\_\_\_\_ 1  
(PART OF GROUP 47454)

47465—SAE CAPSCREW 1-1/2 X 4-1/2 \_\_\_\_\_ 1

40288—SAE SLOTTED NUT 1-1/2 \_\_\_\_\_ 1

3040—COTTER PIN 3/16 X 3 \_\_\_\_\_ 1

46598—USS CAPSCREW 1 X 12 \_\_\_\_\_ 4

3884—USS HEX NUT 1 \_\_\_\_\_ 4

560—LOCKWASHER 1 \_\_\_\_\_ 4

46597—JAW CAP \_\_\_\_\_ 2

3073—COTTER PIN 1/2 X 2-1/2 \_\_\_\_\_ 2

34915—PIN ASSEM \_\_\_\_\_ 2

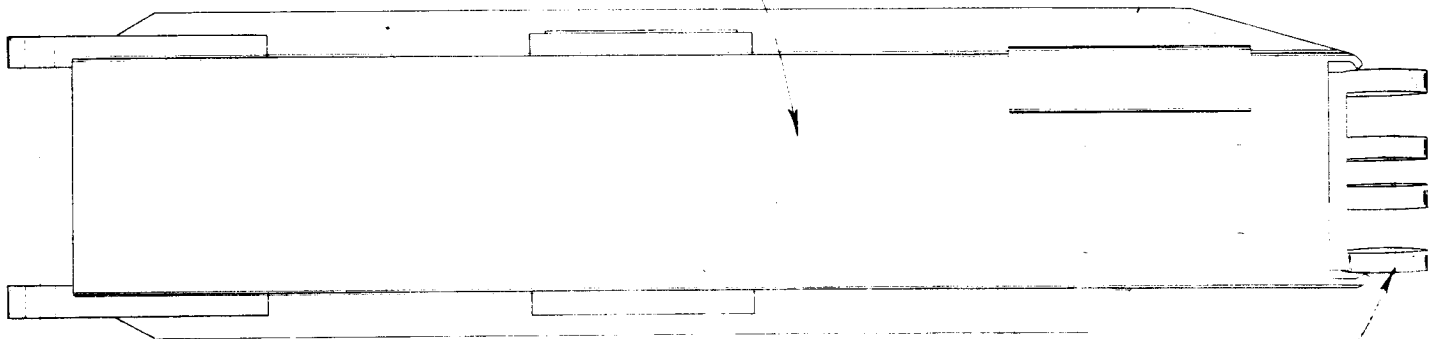
(47460)

MAIN FRAME & LIFT GROUP

1313

I-R.H. PUSH POLE ASSEMBLY... 38238  
I-L.H. PUSH POLE ASSEMBLY... 38239

6



I-R.H. PUSH POLE JAW... 50184  
I-L.H. PUSH POLE JAW... 50185

(38162)

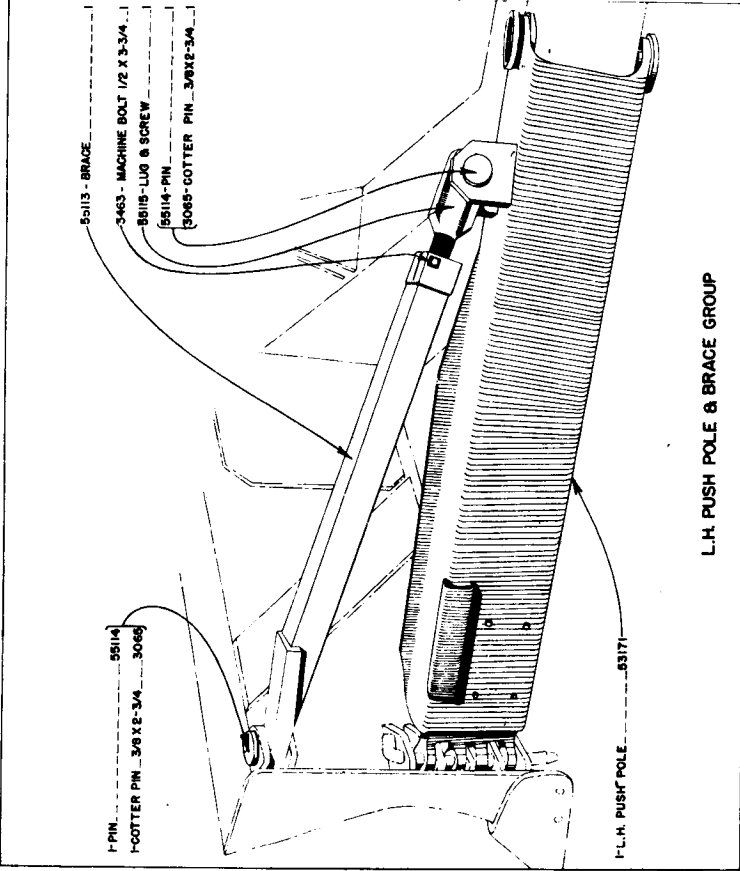
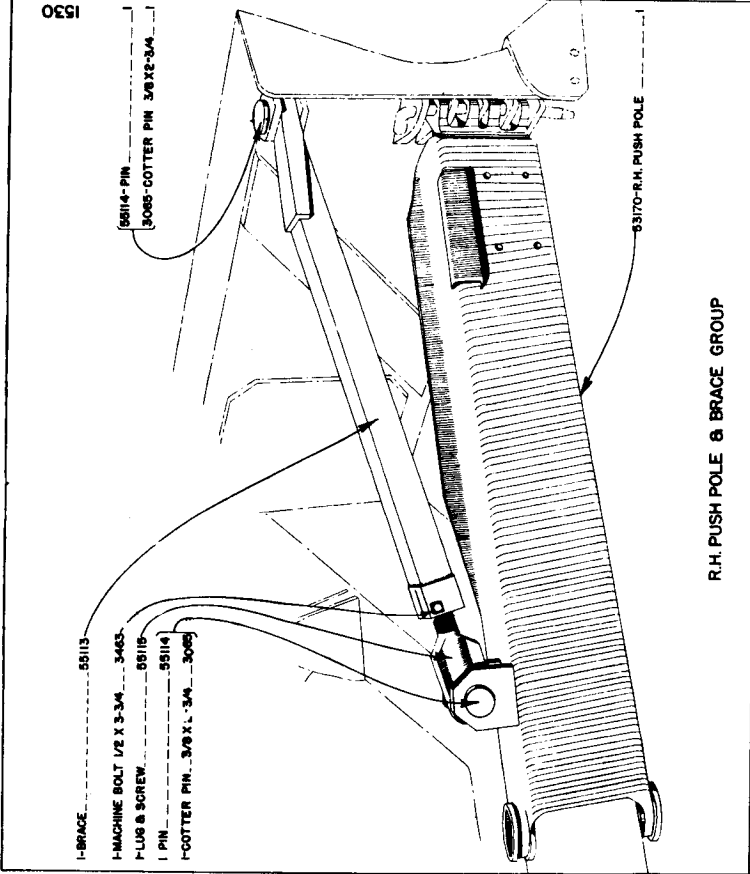
PUSH POLE GROUP

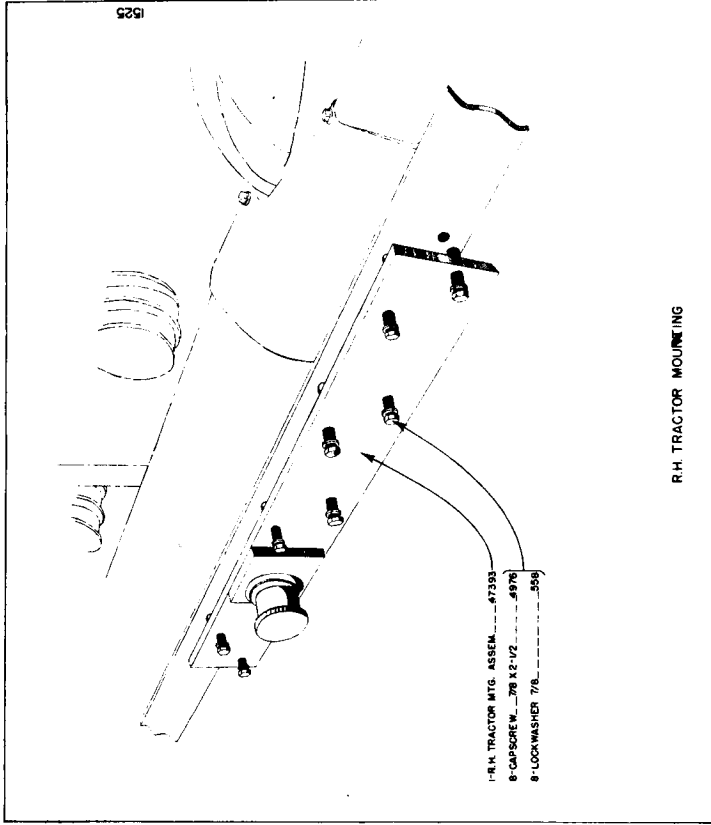
P870

PUSH POLE

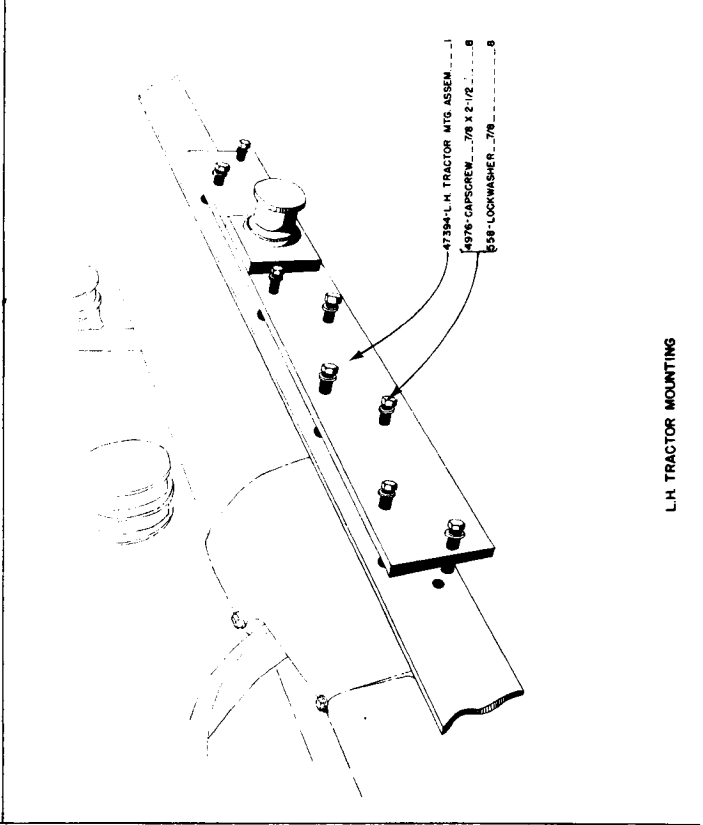
R76F — 1 TO 414, INCL.







R.H. TRACTOR MOUNTING



L.H. TRACTOR MOUNTING

# OVERHEAD

R76F — 1 TO 599, INCL.

- 2—SHEAVE ASSEM \_\_\_\_\_ 35268
- EACH ASSEM CONSISTS OF:
- 1—SHEAVE \_\_\_\_\_ 34202
- 1—BEARING \_\_\_\_\_ 35269
- 2—FELT \_\_\_\_\_ 31966

- 31756—WEDGE \_\_\_\_\_ 2
- 36278—AXLE \_\_\_\_\_ 1
- 2708—COTTER PIN 5/8 X 4-1/2 \_\_\_\_\_ 1
- 2987—ZERK 1/4 \_\_\_\_\_ 1
- 5288—SAE CAPSCREW 1-1/4 X 3-1/4 \_\_\_\_\_ 2
- 2761—SAE HEX NUT 1-1/4 \_\_\_\_\_ 2
- 564—LOCKWASHER 1-1/4 \_\_\_\_\_ 2

- 1—RH OVERHEAD BRACE ASSEM\_47437
- 1—LH OVERHEAD BRACE ASSEM\_47438

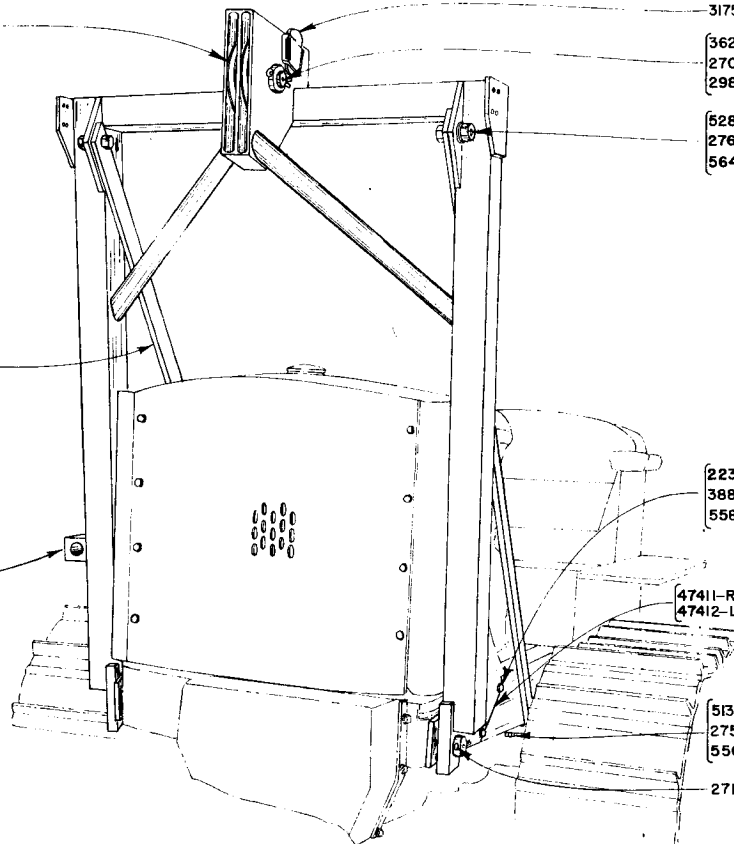
- 22315—USS CAPSCREW 7/8 X 3 \_\_\_\_\_ 10
- 3880—USS HEX NUT 7/8 \_\_\_\_\_ 10
- 558—LOCKWASHER 7/8 \_\_\_\_\_ 10

- 1—ZERK 1/8 \_\_\_\_\_ 6095
- (NOT SHOWN)

- 47411—RH OVERHEAD MTG PLATE ASSEM\_1
- 47412—LH OVERHEAD MTG PLATE ASSEM\_1

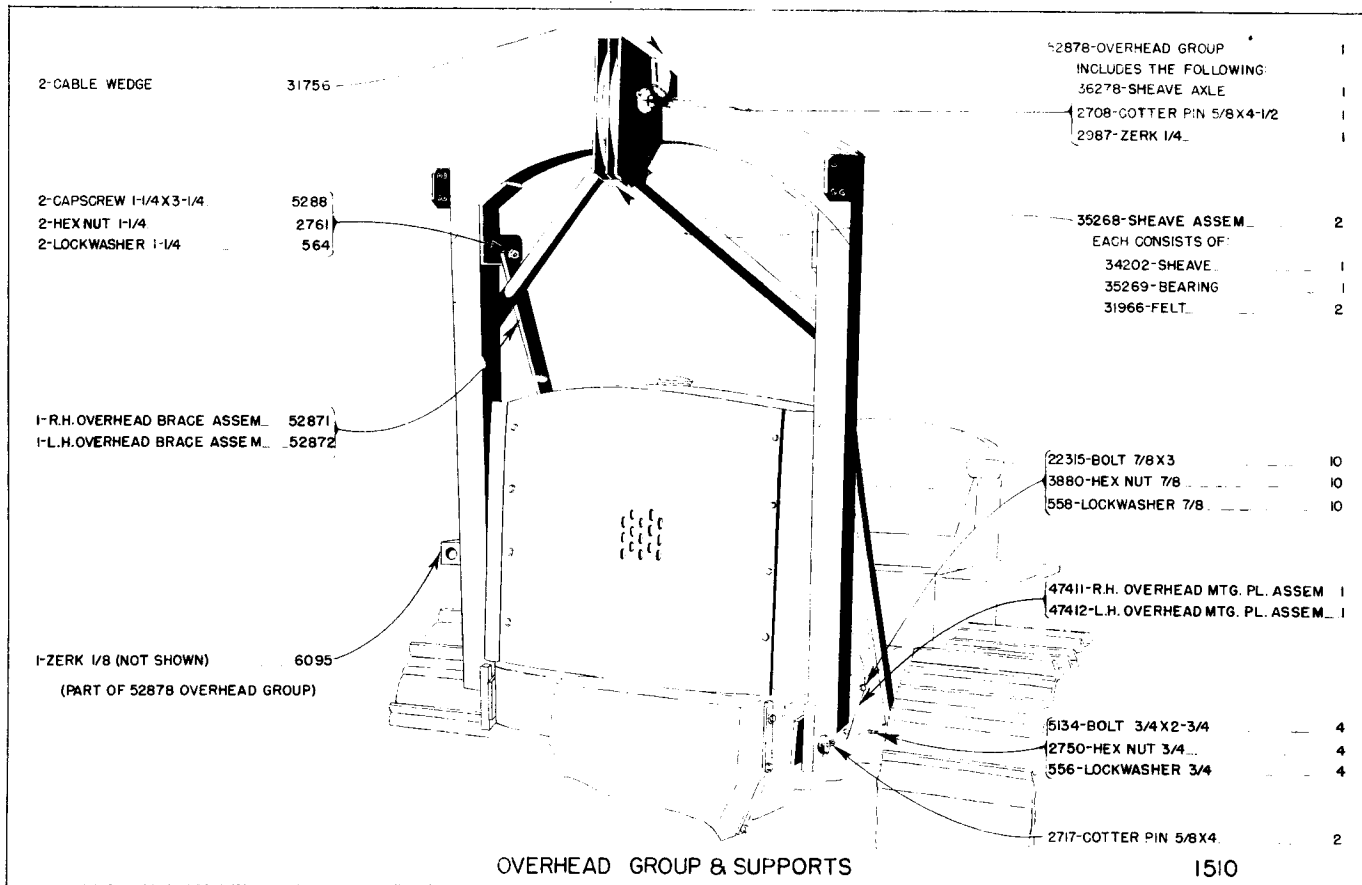
- 5134—SAE CAPSCREW 3/4 X 2-3/4 \_\_\_\_\_ 4
- 2750—SAE HEX NUT 3/4 \_\_\_\_\_ 4
- 556—LOCKWASHER 3/4 \_\_\_\_\_ 4

- 2717—COTTER PIN 5/8 X 4 \_\_\_\_\_ 2



47447 OVERHEAD GROUP

1509



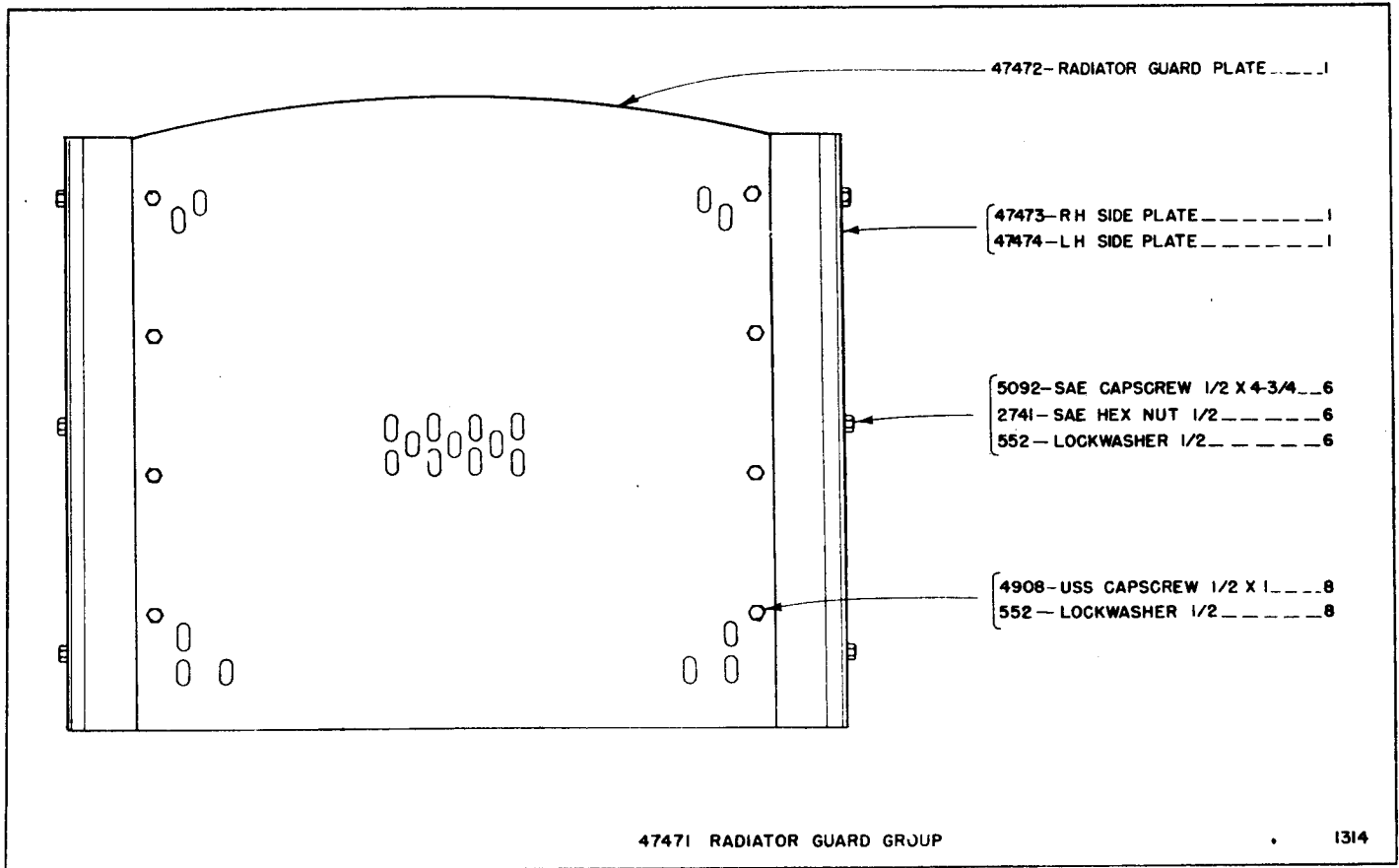
OVERHEAD

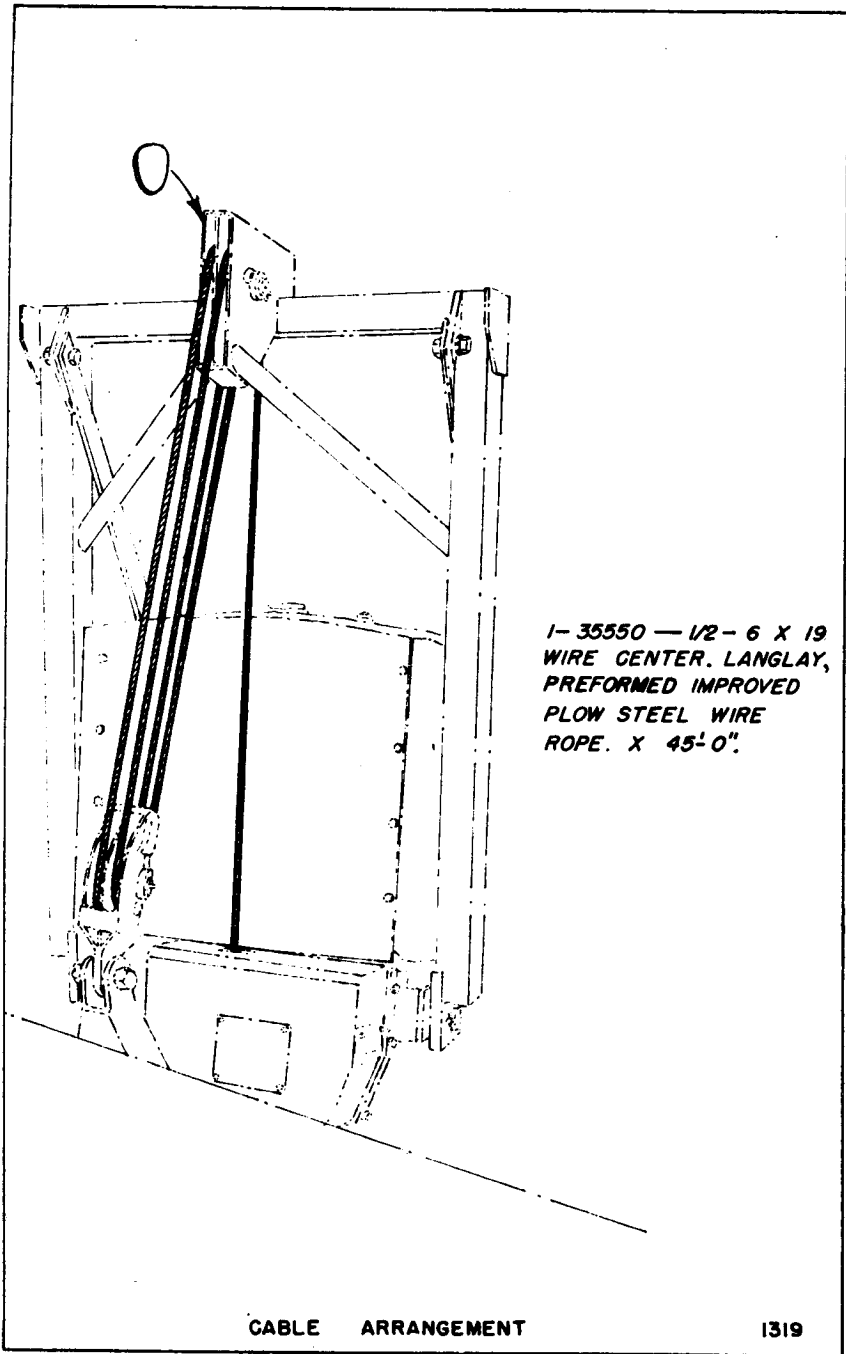
R76F — 600 AND UP

RADIATOR GUARD

R76F — 1 AND UP

14





R76F — I AND UP

CABLE ARRANGEMENT

NUMERICAL PARTS LIST  
MODEL R76F

Part No.	Qty.	Description	Plate No.	Page No.
552	14	Lockwasher 1/2	1314	14
556	4	Lockwasher 3/4	1309	12
556	4	Lockwasher 3/4	1510	13
558	16	Lockwasher 7/8	1525	11
558	10	Lockwasher 7/8	1309	12
558	10	Lockwasher 7/8	1510	13
560	4	Lockwasher 1"	1313	8
564	2	Lockwasher 1 1/4	1309	12
564	2	Lockwasher 1 1/4	1510	13
2624	4	Plowbolt 5/8 x 1 3/4	1528	7
2658	4	Plowbolt 5/8 x 2 1/4	1528	7
2668	20	Plowbolt 5/8 x 2	1528	7
2708	2	Cotter Pin 5/8 x 4 1/2	1313	8
2708	2	Cotter Pin 5/8 x 4 1/2	1309	12
2708	1	Cotter Pin 5/8 x 4 1/2	1510	13
2717	2	Cotter Pin 5/8 x 4	1309	12
2717	2	Cotter Pin 5/8 x 4	1510	13
2741	6	Hex Nut 1/2	1314	14
2746	1	Hex Nut 5/8	1528	7
2750	4	Hex Nut 3/4	1309	12
2750	4	Hex Nut 3/4	1510	13
2761	2	Hex Nut 1 1/4	1309	12
2761	2	Hex Nut 1 1/4	1510	13
2987	1	Zerk 1/4	1313	8
2987	1	Zerk 1/4	1309	12
2987	1	Zerk 1/4	1510	13
3040	1	Cotter Pin 3/16 x 3	1313	8
3062	2	Cotter Pin 3/8 x 2	1528	7
3065	4	Cotter Pin 3/8 x 2 3/4	1530	10
3073	2	Cotter Pin 1/2 x 2 1/2	1313	8
3074	1	Cotter Pin 1/2 x 3	1528	7
3463	2	Machine Bolt 1/2 x 3 3/4	1530	10
3880	10	Hex Nut 7/8	1309	12
3880	10	Hex Nut 7/8	1510	13
3884	4	Hex Nut 1"	1313	8
4908	8	Capscrew 1/2 x 1	1314	14
4976	16	Capscrew 7/8 x 2 1/2	1525	11

NUMERICAL PARTS LIST  
MODEL R76F

Part No.	Qty.	Description	Plate No.	Page No.
5092	6	Capscrew 1/2 x 4 3/4	1314	14
5117	1	Bolt 5/8 x 3 1/2	1528	7
5134	4	Capscrew 3/4 x 2 3/4	1309	12
5134	4	Capscrew 3/4 x 2 3/4	1510	13
5288	2	Capscrew 1 1/4 x 3 1/4	1309	12
5288	2	Capscrew 1 1/4 x 3 1/4	1510	13
6095	1	Zerk 1/8	1309	12
6095	1	Zerk 1/8	1510	13
19070	1	Cutting Edge	1528	7
20729	1	R. H. Cutting Edge	1528	7
20730	1	L. H. Cutting Edge	1528	7
20753	2	Blade Lock Pin	1528	7
22315	10	Capscrew 7/8 x 3	1309	12
22315	10	Capscrew 7/8 x 3	1510	13
29769	1	Pin	1528	7
31756	2	Cable Wedge	1309	12
31756	2	Cable Wedge	1510	13
31966	4	Felt	1313	8
31966	4	Felt	1309	12
31966	4	Felt	1510	13
33785	2	Blade Lock	1528	7
34202	2	Sheave	1313	8
34202	2	Sheave	1309	12
34202	2	Sheave	1510	13
34915	2	Pin	1313	8
35268	2	Sheave	1313	8
35268	2	Sheave	1309	12
35268	2	Sheave	1510	13
35269	2	Bearing	1313	8
35269	2	Bearing	1309	12
35269	2	Bearing	1510	13
35550	1	1/2 - 6 x 19, wire center, Lang- lay improved, preformed plow steel wire rope, 45'-0"	1319	15
36278	1	Axle	1313	8
36278	1	Axle	1309	12



NUMERICAL PARTS LIST  
MODEL R76F

Part No.	Qty.	Description	Plate No.	Page No.
36278	1	Axle	1510	13
38238	1	R. H. Push Pole	870	9
38239	1	L. H. Push Pole	870	9
40288	1	Slotted Nut 1 1/2	1313	8
45935	1	Blade Pivot	1528	7
46150	1	Clamp Nut	1528	7
46597	2	Jaw Cap	1313	8
46598	4	Capscrew 1 x 12	1313	8
47393	1	R. H. Tractor Mounting	1525	11
47394	1	L. H. Tractor Mounting	1525	11
47411	1	R. H. Mounting Plate	1309	12
47411	1	R. H. Mounting Plate	1510	13
47412	1	L. H. Mounting Plate	1309	12
47412	1	L. H. Mounting Plate	1510	13
47437	1	R. H. Brace	1309	12
47438	1	L. H. Brace	1309	12
47447	1	Overhead Group	1309	12
47454	1	Lift Sheave Group	1313	8
47465	1	Capscrew 1 1/2 x 4 1/2	1313	8
47471	1	Radiator Guard Group	1314	14
47472	1	Radiator Guard Plate	1314	14
47473	1	R. H. Side Plate	1314	14
47474	1	L. H. Side Plate	1314	14
50184	1	R. H. Push Pole Jaw	870	9
50185	1	L. H. Push Pole Jaw	870	9
52871	1	R. H. Brace	1510	13
52872	1	L. H. Brace	1510	13
52878	1	Overhead Group	1510	13
53170	1	R. H. Push Pole	1530	10
53171	1	L. H. Push Pole	1530	10
55113	2	Brace	1530	10
55114	4	Pin	1530	10
55115	2	Lug & Screw	1530	10