



model LP scraper

PARTS CATALOG

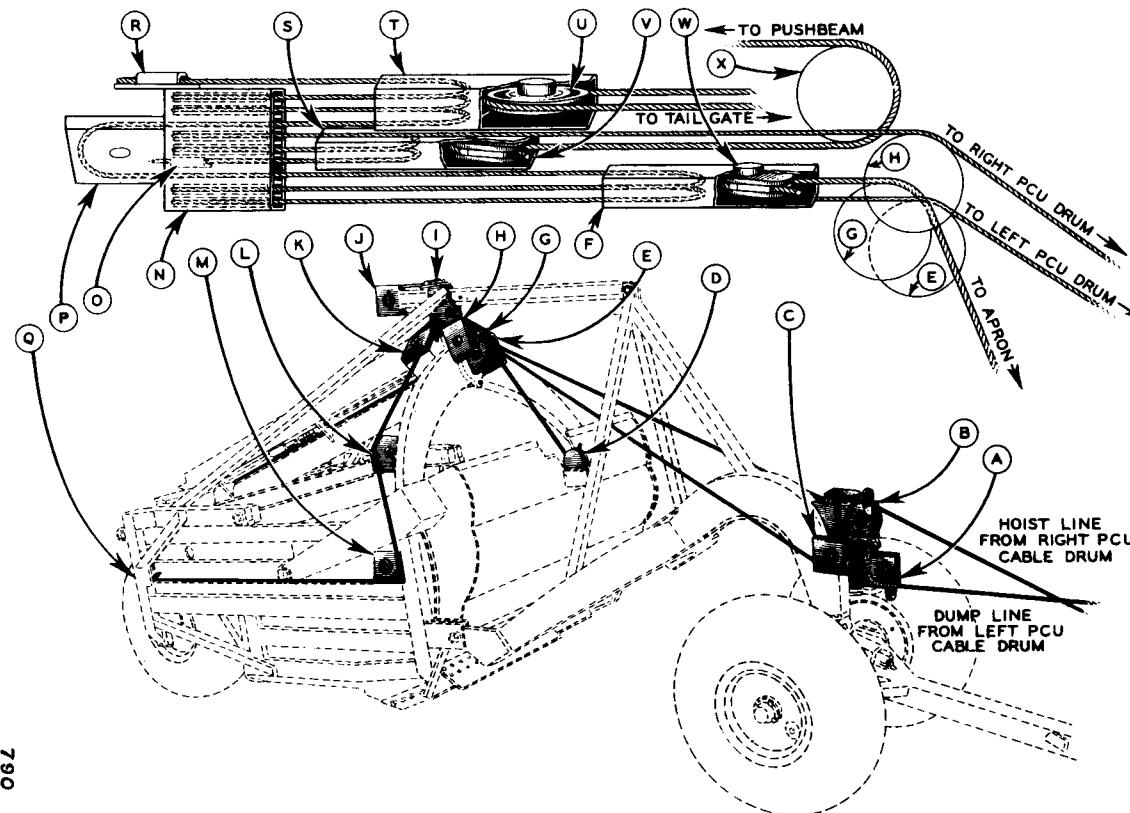
LE TOURNEAU-WESTINGHOUSE COMPANY
A SUBSIDIARY OF WESTINGHOUSE AIR BRAKE COMPANY • PEORIA, ILLINOIS



ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

PC-238

CABLE THREADING DIAGRAM



DUMP LINE

From the left P.C.U. drum cable enters the bottom of swivel sheave A
 Then up and over sheave located directly above sheave A
 Then back and enter A-Frame sheave E
 Then down spring pipe and enter the cable at the left side, bottom sheave, of housing N
 Then forward and enter at the bottom sheave of sliding sheave housing F
 Then back and enter the second sheave in housing N
 Then forward and enter the top sheave in housing F
 Then back and through housing N, cable enters bottom of sheave in housing P
 Around sheave in housing P and through housing N, cable enters the bottom sheave in housing T
 Then back and enter the next to the top sheave in housing N
 Then forward to the center sheave in housing T
 Back around the top sheave in housing N
 Then forward and around the top sheave in housing T
 Then back and dead end cable on the top of housing N at R.

HOIST LINE

From the right drum of the Power Control Unit cable enters the top of swivel sheave housing B
 Down and around sheave in housing C
 Cable then goes up and enters the top of A-Frame sheave housing H
 Then back and enters at the third sheave down from the top in housing N
 Then forward and enter the top sheave in housing S
 Then back and around the fourth sheave down from the top in housing N
 Then forward and around the bottom sheave in housing... S
 Then back and dead end the cable at cable wedge on housing N at O

TAILGATE TO SLIDING SHEAVE

Tailgate forward cable is anchored to wedge Q
 Then forward and around sheave in housing M
 Then up and around lower A-Frame sheave L
 Then up and enter at top A-Frame sheave K
 Then back and around the sheave in sliding sheave housing T and around the equalizer sheave U

The cable is then carried down around the sheaves on the opposite side of the Scraper in the manner just described

The cable is then anchored on the tailgate at cable wedge Q
 Before anchoring cable you should be sure that the tailgate is at the extreme rear position and the sliding sheave housing T is at the top of the spring pipe

Then pull your dump line in and if the tailgate is at the blade and the sliding sheave housing T is against the stops on housing N, dump line is in place ready to go to work.

SLIDING SHEAVE TO APRON

The apron line is first anchored in sheave housing F at cable wedge W
 The cable then goes up and over A-Frame sheave in housing G
 Then down and anchor cable at apron wedge D

PUSHBEAM TO SLIDING SHEAVE

Anchor cable in sliding sheave housing S at cable wedge V
 Then forward and enter at the bottom of top A-Frame sheave X
 Then back and around pushbeam sheave J
 Then forward and anchor the cable on top of the A-Frame at cable wedge I

HOIST LINE CABLE

H-9540 $\frac{1}{2} \times 6 \times 19 = 95'$ Long

DUMP CABLE

H-9541 $\frac{1}{2} \times 6 \times 19 = 126'$ Required
 E 1223 $\frac{1}{2} \times 6 \times 19 = 300'$ Spool
 D-3883 $\frac{1}{2} \times 6 \times 19 = 500'$ Spool

SLIDING SHEAVE TO APRON

H-9542 $\frac{3}{8} \times 6 \times 19 = 14'6"$ Long

TAILGATE TO SPIRAL SHEAVE CABLE

H-9543 $\frac{3}{8} \times 6 \times 19 = 13'6"$ Long

TAILGATE TO SLIDING SHEAVE

H-9544 $\frac{3}{8} \times 6 \times 19 = 51'$ Long

SPRING PIPE CABLE

H-9545 $\frac{5}{8} \times 6 \times 19 = 17'$ Long

PUSHBEAM TO SLIDING SHEAVE

H-9546 $\frac{3}{4} \times 6 \times 19 = 18'$ Long

CABLE THREADING DIAGRAM
EFFECTIVE WITH SERIAL NO. S7805 LPB & UP
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PC-238

DUMP LINE

From the left P.C.U. drum cable enters the bottom of swivel sheave..... A
 Then up and over sheave located directly above sheave..... A
 Then back and enter A-Frame sheave..... E
 Then down spring pipe and enter the cable at the left side, bottom sheave, of housing..... P
 Then forward and enter at the bottom sheave of sliding sheave housing..... F
 Then back and enter the second sheave in housing..... P
 Then forward and enter the top sheave in housing..... F
 Then back and through housing P cable enters bottom of sheave in housing..... Q
 Around sheave in housing Q and through housing P cable enters the bottom sheave in housing..... T
 Then back and enter the next to the top sheave in housing P
 Then forward to the center sheave in housing..... T
 Back around the top sheave in housing..... P
 Then forward and around the top sheave in housing..... T
 Then back and dead end cable on the top of housing P at S

HOIST LINE

From right drum of Power Control Unit cable enters the top of swivel sheave housing..... B
 Then down and around the sheave in housing..... C
 Cable then goes up and enters the outside sheave on top of A-Frame in housing..... I
 Cable then goes back and enters the outside sheave in pushbeam housing..... K
 Then forward to the center sheave in housing..... I
 Then back to the inside sheave in housing..... K
 Then forward to the inside sheave in housing..... I
 Then back and around pushbeam sheave in housing..... L
 Then forward and enter the inside sheave in housing..... H
 Then back to the inside sheave in pushbeam housing..... J
 Then forward to the outside sheave in housing..... H
 Then back to the outside sheave in housing..... J
 Then forward and anchor cable at cable wedge on the outside of housing..... H

TAILGATE TO SLIDING SHEAVE

Tailgate forward cable is anchored to wedge..... R
 Then forward and around sheave in housing..... O
 Then up and around lower A-Frame sheave..... N
 Then up and enter at top A-Frame sheave..... M
 Then back and around the sheave in sliding sheave housing T and around the equalizer sheave..... U

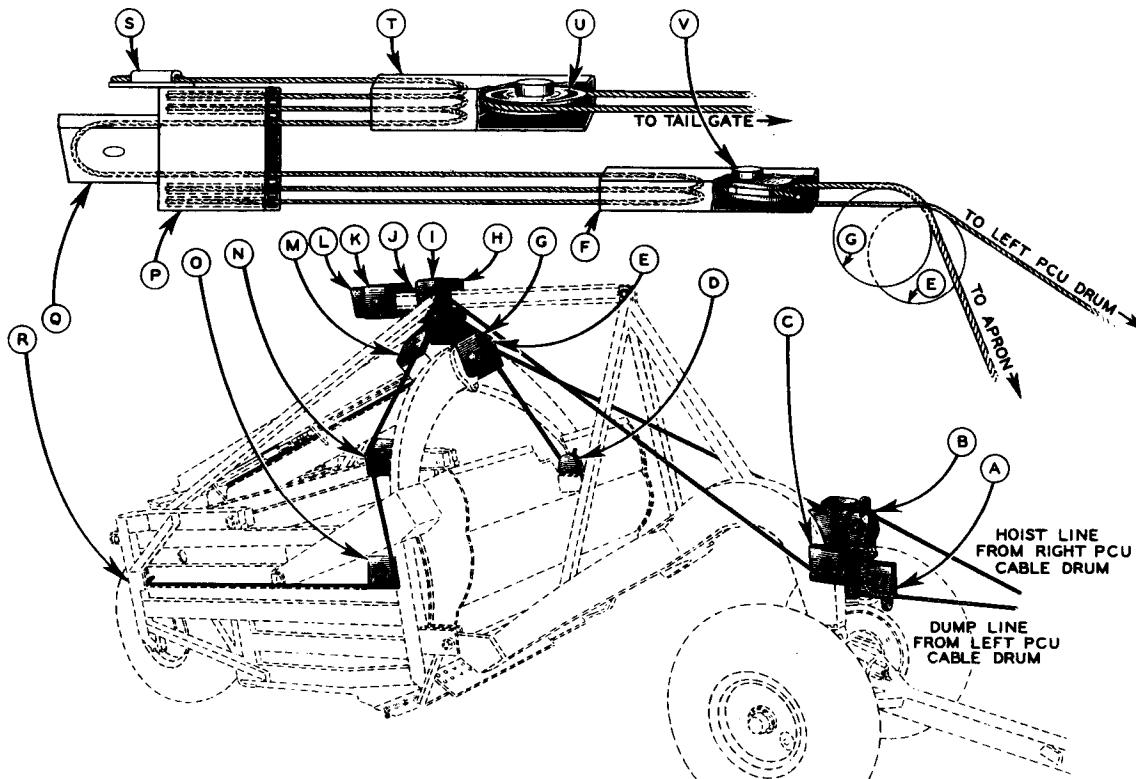
The cable is then carried down around the sheaves on the opposite side of the Scraper in the manner just described

The cable is then anchored on the tailgate at cable wedge R
 Before anchoring cable you should be sure that the tailgate is at the extreme rear position and the sliding sheave housing T is at the top of the spring pipe

Then pull your dump line in and if the tailgate is at the blade and the sliding sheave housing T is against the stops on housing P, dump line is in place ready to go to work.

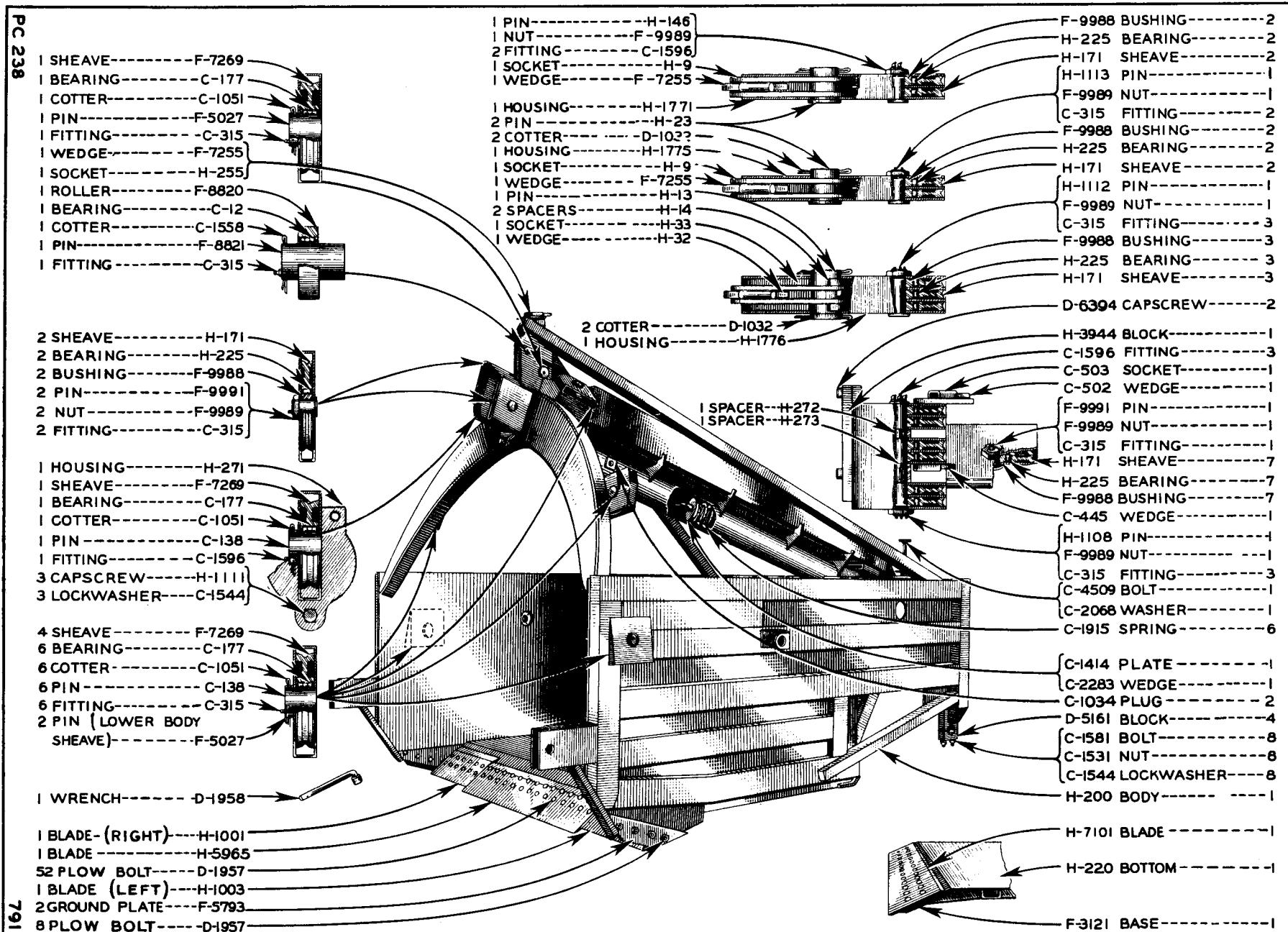
SLIDING SHEAVE TO APRON

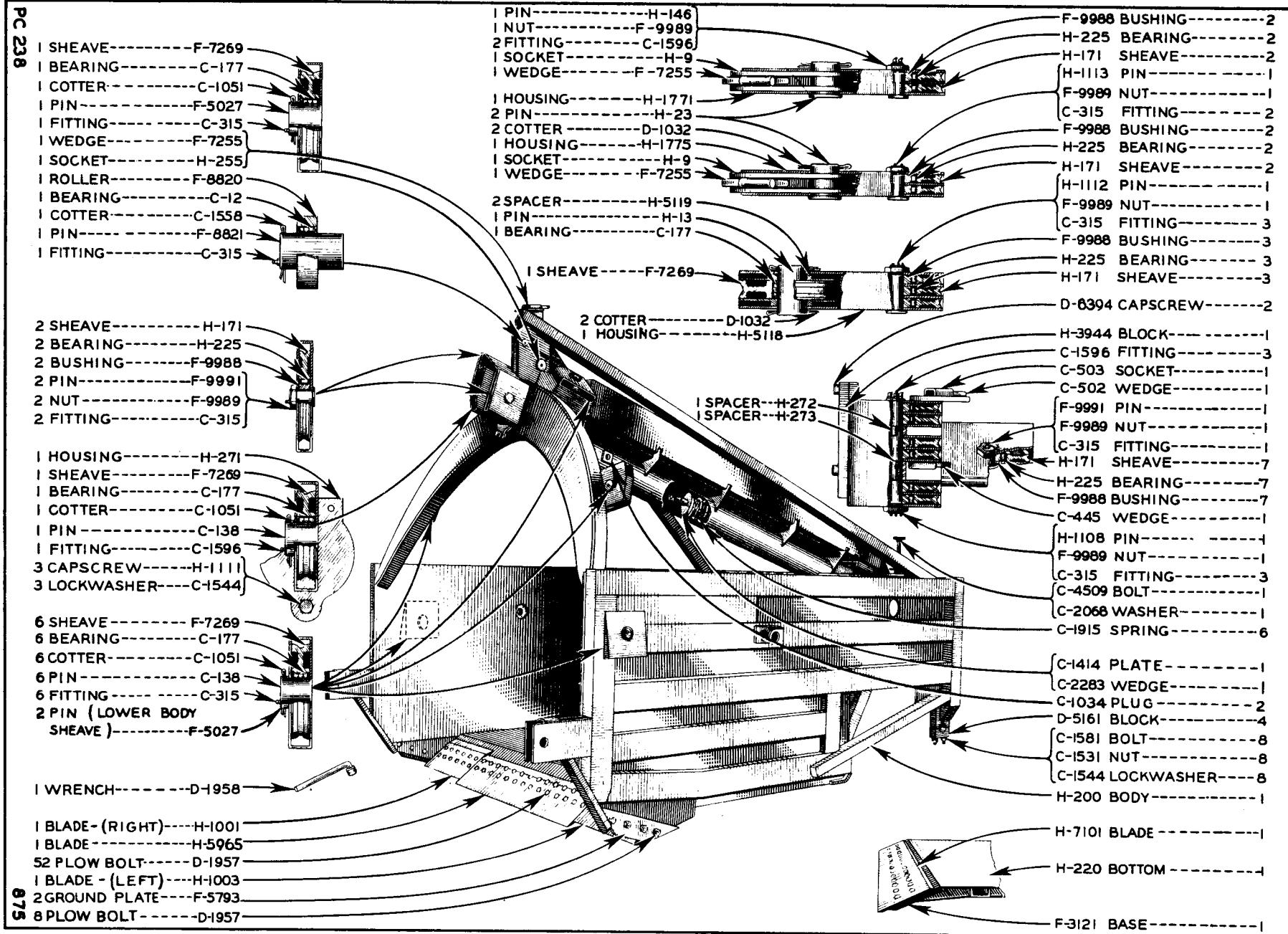
The apron line is first anchored in sheave housing F at cable wedge V
 The cable then goes up and over A-Frame sheave in housing G
 Then down and anchor cable at apron wedge D

**HOIST LINE CABLE**H-9682 $\frac{1}{2} \times 6 \times 19 = 125'$ Long**DUMP CABLE**R-931 $\frac{1}{2} \times 6 \times 19 = 130'$ LongE-1223 $\frac{1}{2} \times 6 \times 19 = 300'$ SpoolD-3883 $\frac{1}{2} \times 6 \times 19 = 500'$ Spool**SLIDING SHEAVE TO APRON**R-932 $\frac{3}{8} \times 6 \times 19 = 14'6"$ Long**TAILGATE TO SPIRAL SHEAVE CABLE**H-9543 $\frac{5}{8} \times 6 \times 19 = 13'6"$ Long**TAILGATE TO SLIDING SHEAVE**H-9544 $\frac{5}{8} \times 6 \times 19 = 51'$ Long**SPRING PIPE CABLE**H-9545 $\frac{5}{8} \times 6 \times 19 = 17'$ Long

MODEL LP CARRYALL

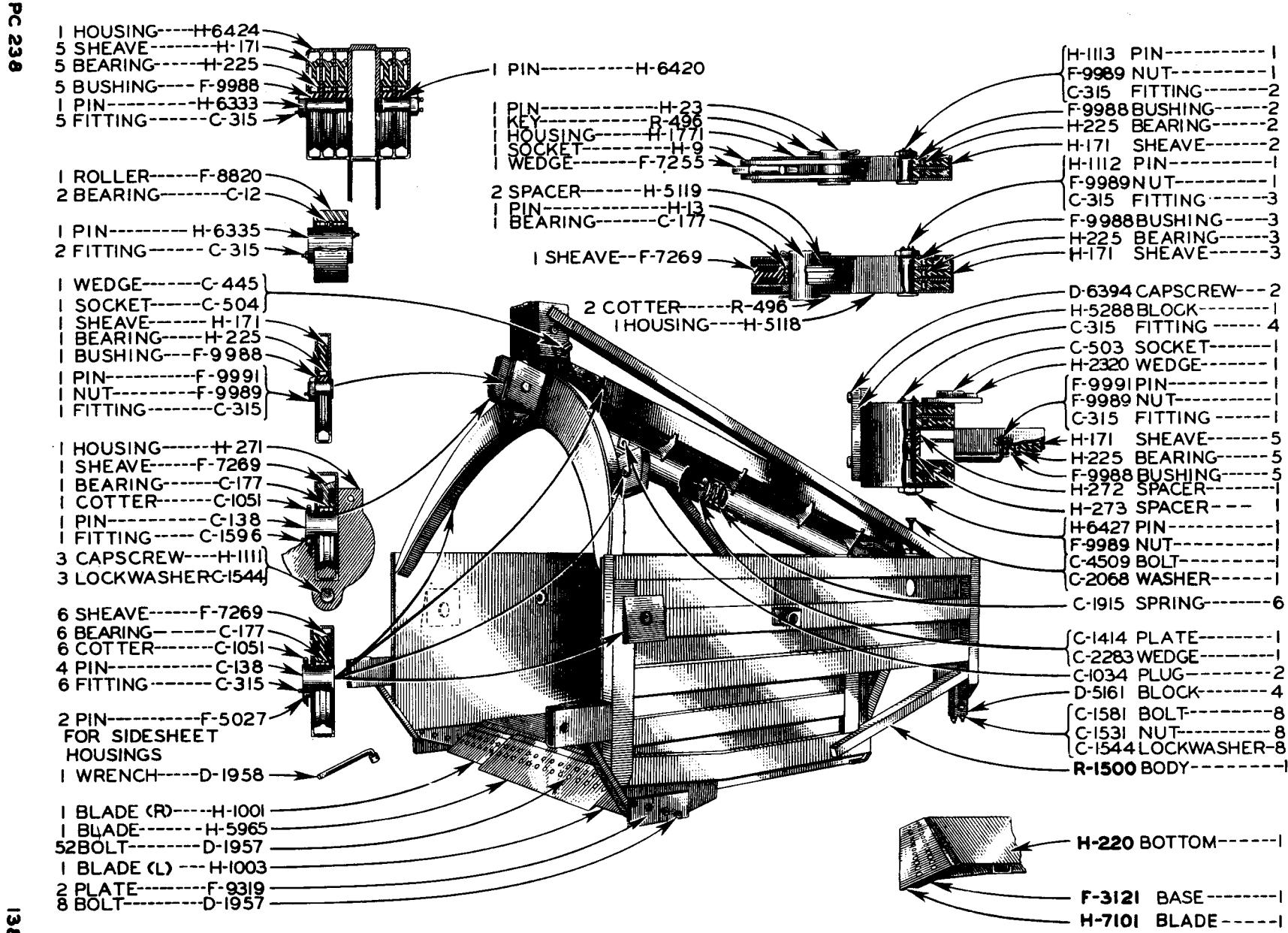
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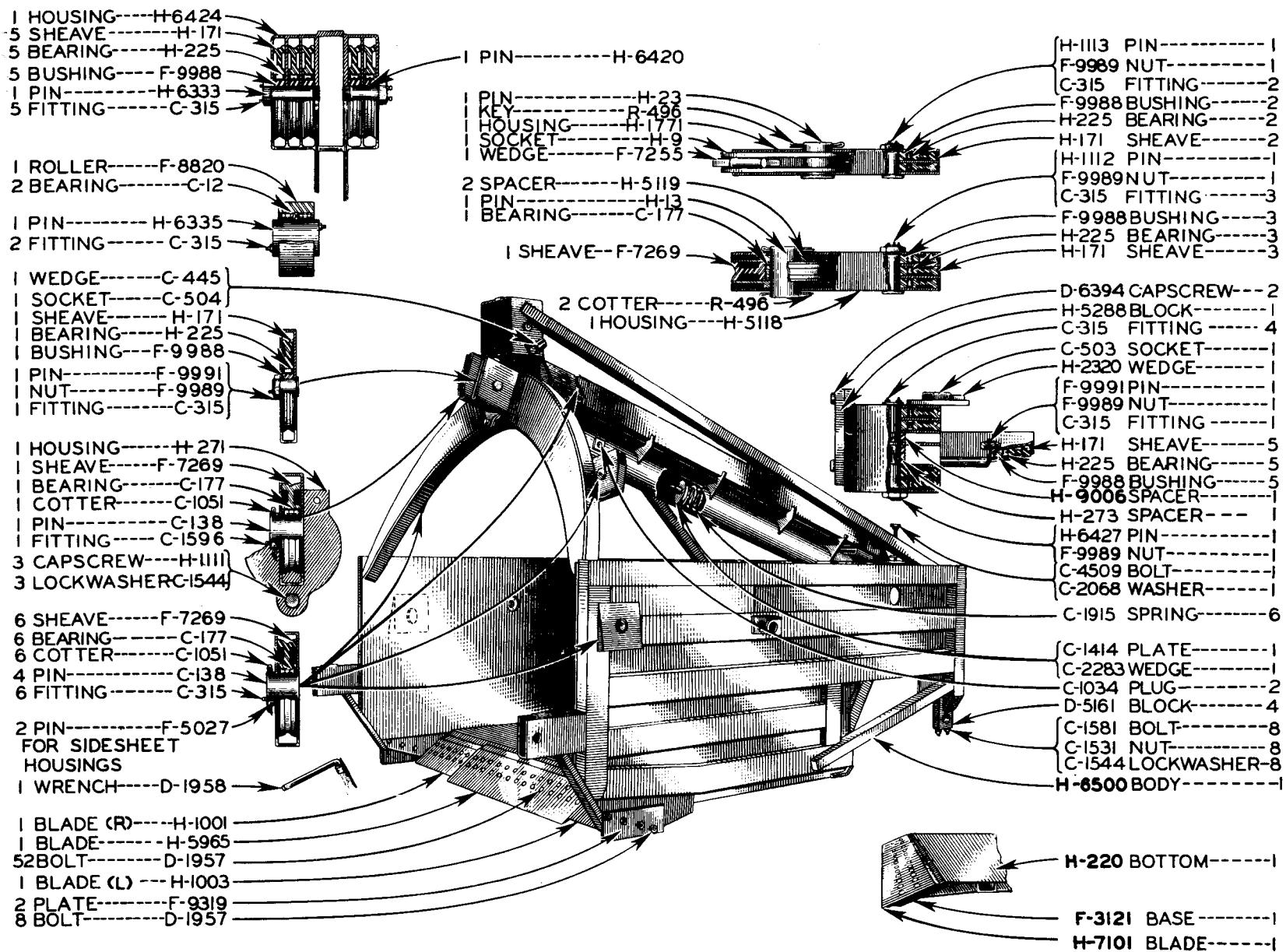
MAIN BODY GROUP
EFFECTIVE WITH SERIAL NO. S-7448-LPA THRU S-7804-LPA
ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

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MODEL LP CARRYALL

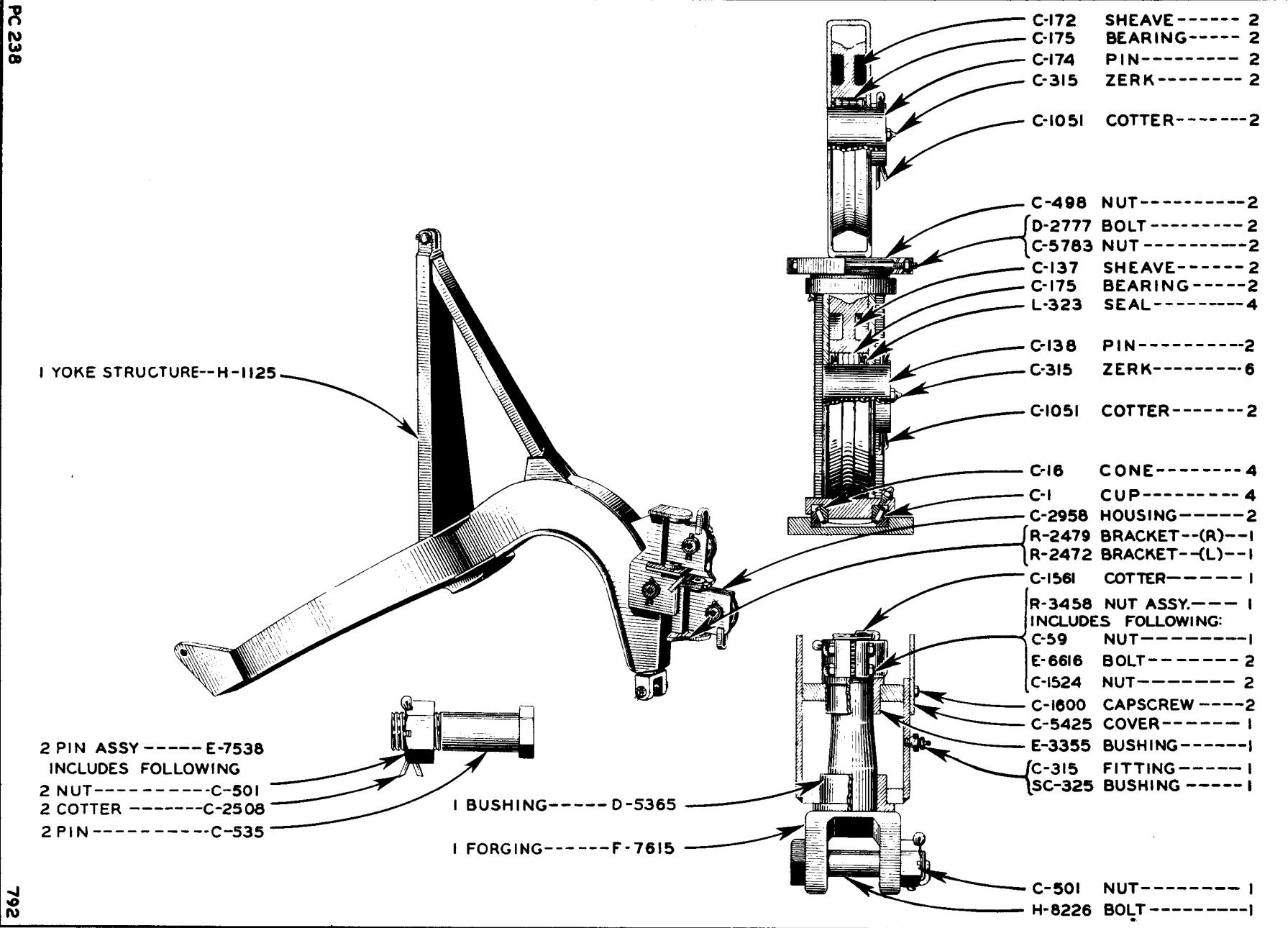
2B



MODEL LP CARRYALL

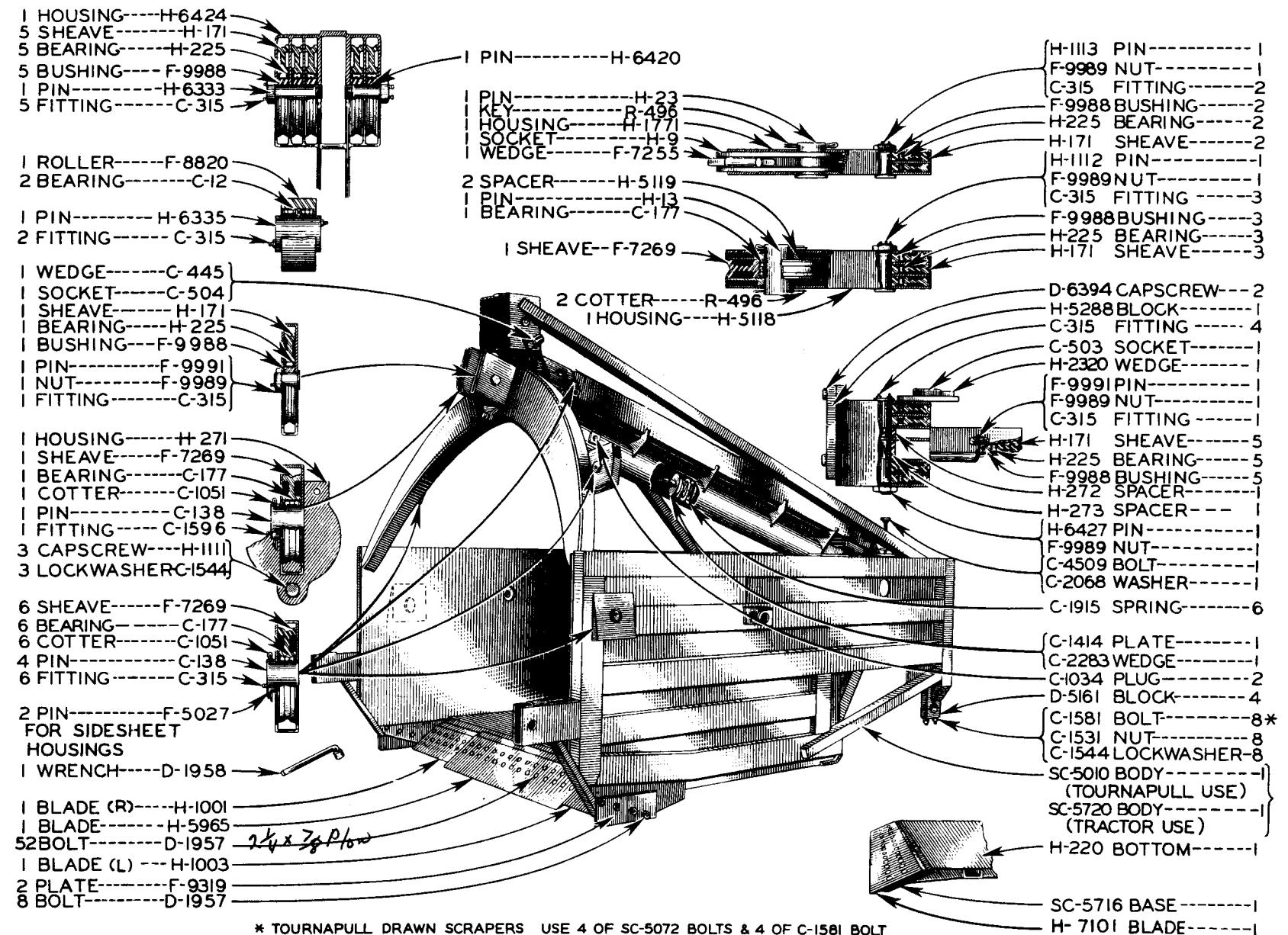
TRACTOR YOKE GROUP

ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS



MODEL LP CARRYALL

2D



MODEL LP CARRYALL

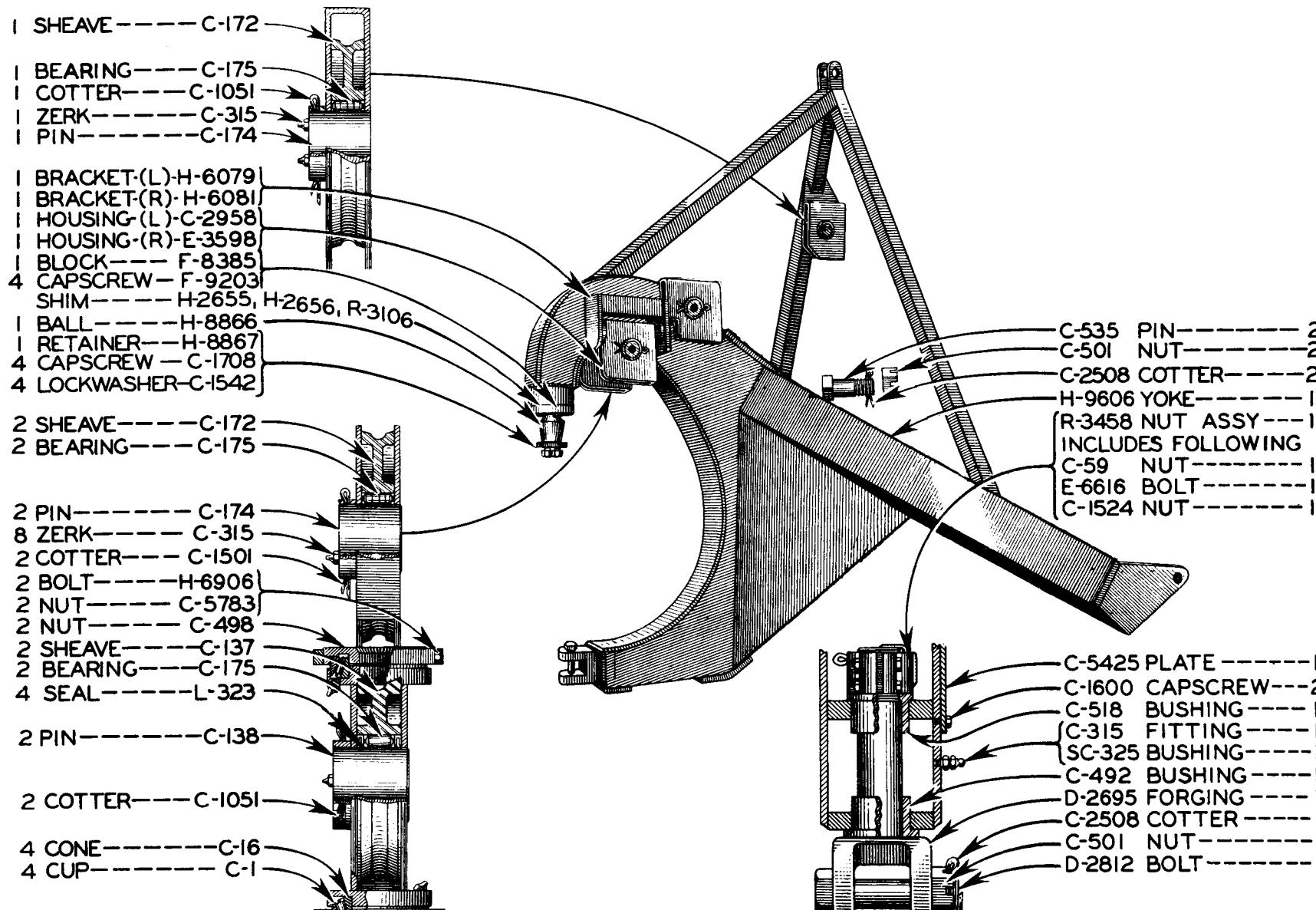
4

TOURNAPULL YOKE GROUP

FOR USE WITH TOURNAPULLS HAVING OLD STYLE DRAWBAR

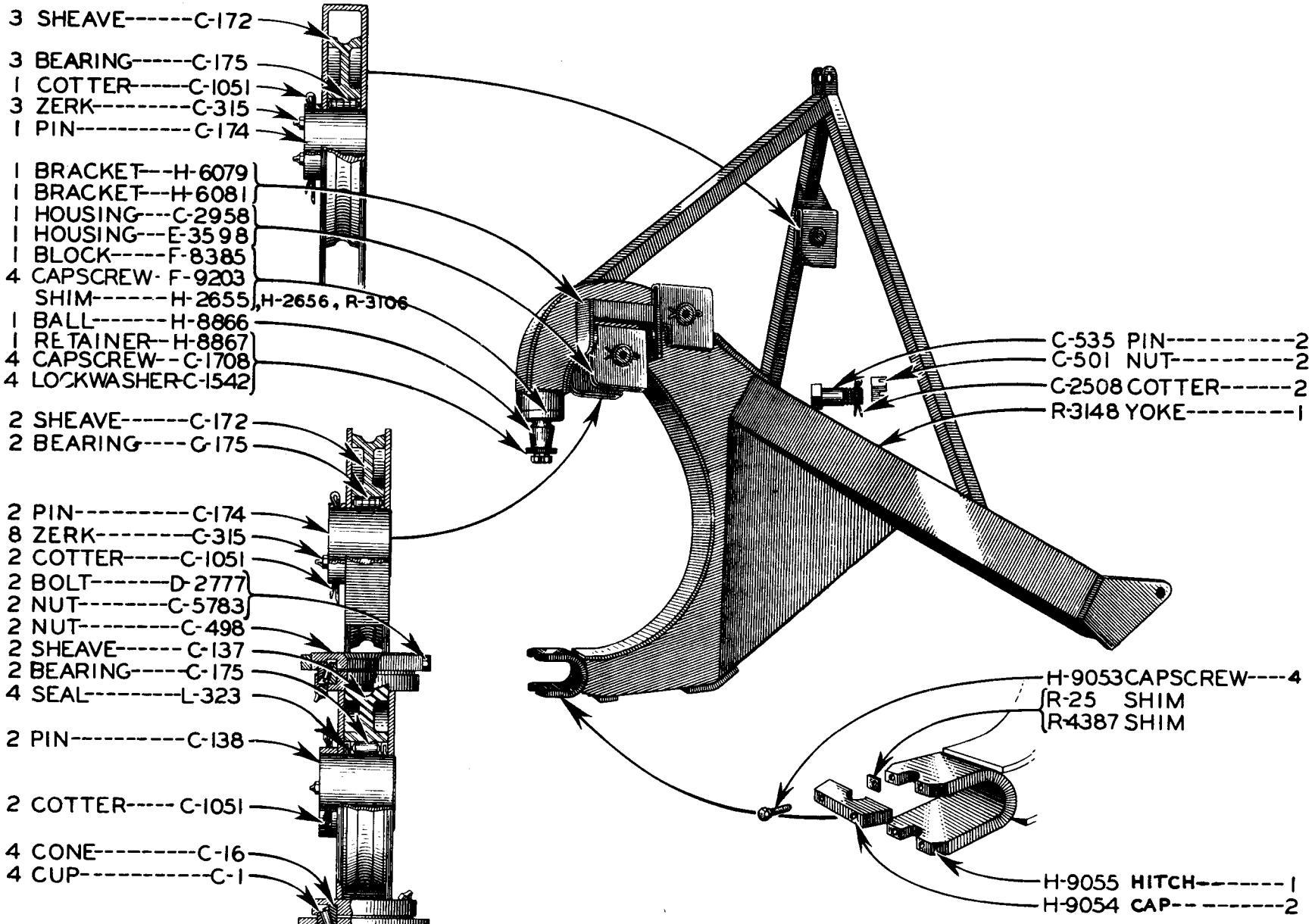
ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

PC 238



1210

MODEL LP CARRYALL



MODEL LP CARRYALL

5

PUSHBEAM GROUP

ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

PC 238

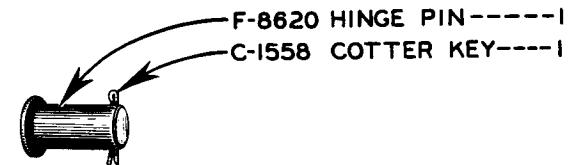
I SHEAVE ----- F-7269

I BEARING ----- C-177

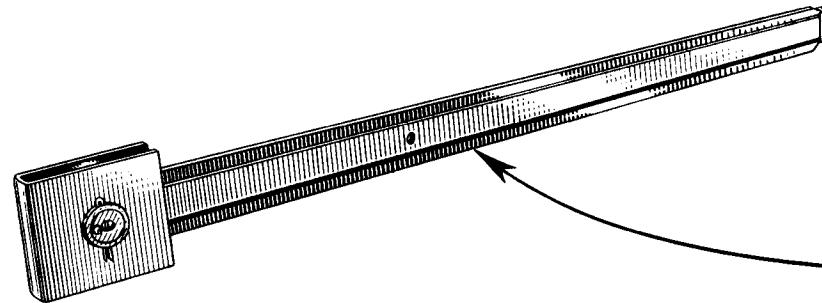
I PIN ----- C-138

I ZERK FITTING --- C-315

I COTTER KEY ----- C-1051



F-8620 HINGE PIN-----I
C-1558 COTTER KEY---I



F-8823 PUSHBEAM STR--I

794

INSERT AFTER PAGE 5 IN MODEL LP CARRYALL FORM PC 238

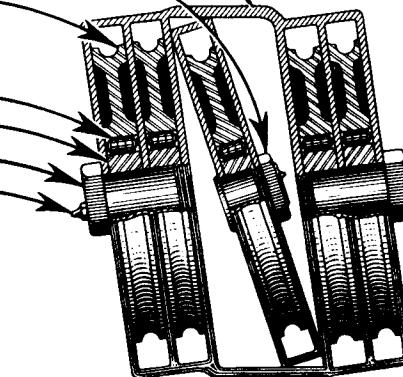
5A

MODEL LP CARRYALL

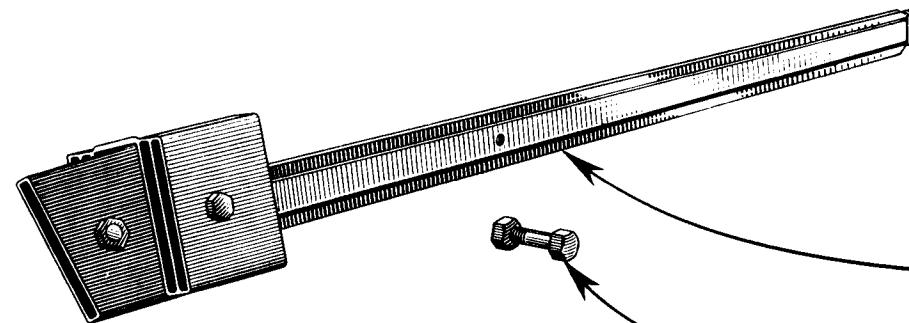
238

1 SHEAVE HOUSING
HEAD STRUCTURE-H-6423
1 SHEAVE PIN-----F-9991
1 PIN NUT-----F-9989
1 ZERK FITTING---C-315
5 SHEAVE-----H-171

5 BEARING -----H-225
5 BUSHING -----F-9988
2 PIN -----H-6420
4 ZERK FITTING---C-315



F-8620 HINGE PIN -----
C-1558 COTTER KEY-----



H-6430 PUSHBEAM STR--I

C-1668 BOLT ----- I
C-1531 NUT ----- I

PUSHBEAM GROUP
EFFECTIVE WITH SERIAL NO. S7805 LPB & UP
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883

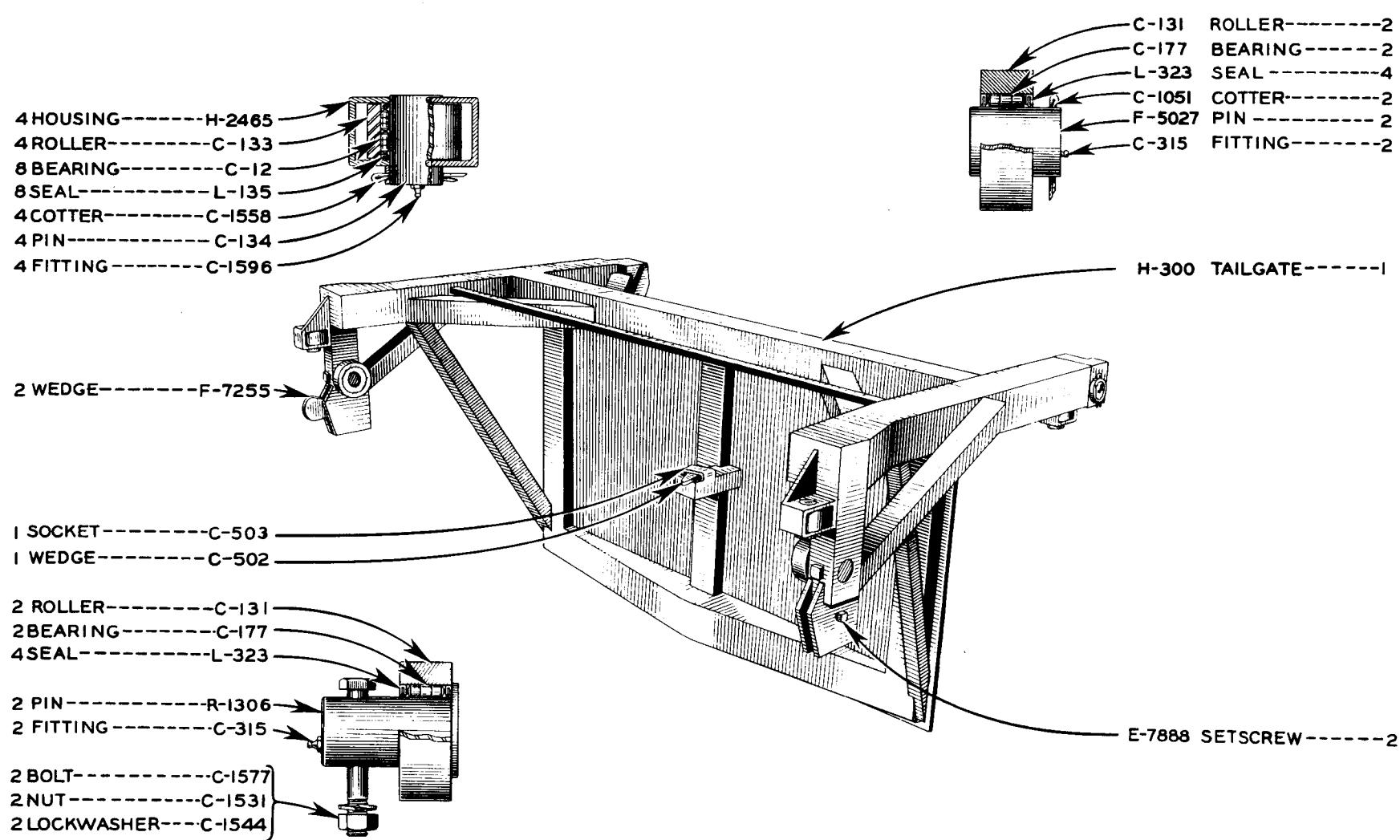
MODEL LP CARRYALL

6

TAILGATE GROUP

ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

PC 238



MODEL LP CARRYALL

C-131	ROLLER-----2
C-177	BEARING-----2
L-323	SEAL-----4
C-1051	COTTER-----2
F-5027	PIN-----2
C-315	FITTING-----2

R-336 TAILGATE-----

E-7888 SETSCREW-----2

4 HOUSING	H-2465
4 ROLLER	C-133
8 BEARING	C-12
8 SEAL	L-135
4 COTTER	C-1558
4 PIN	C-134
4 FITTING	C-1596

2 WEDGE-----F-7255

1 SOCKET	C-503
1 WEDGE	C-502

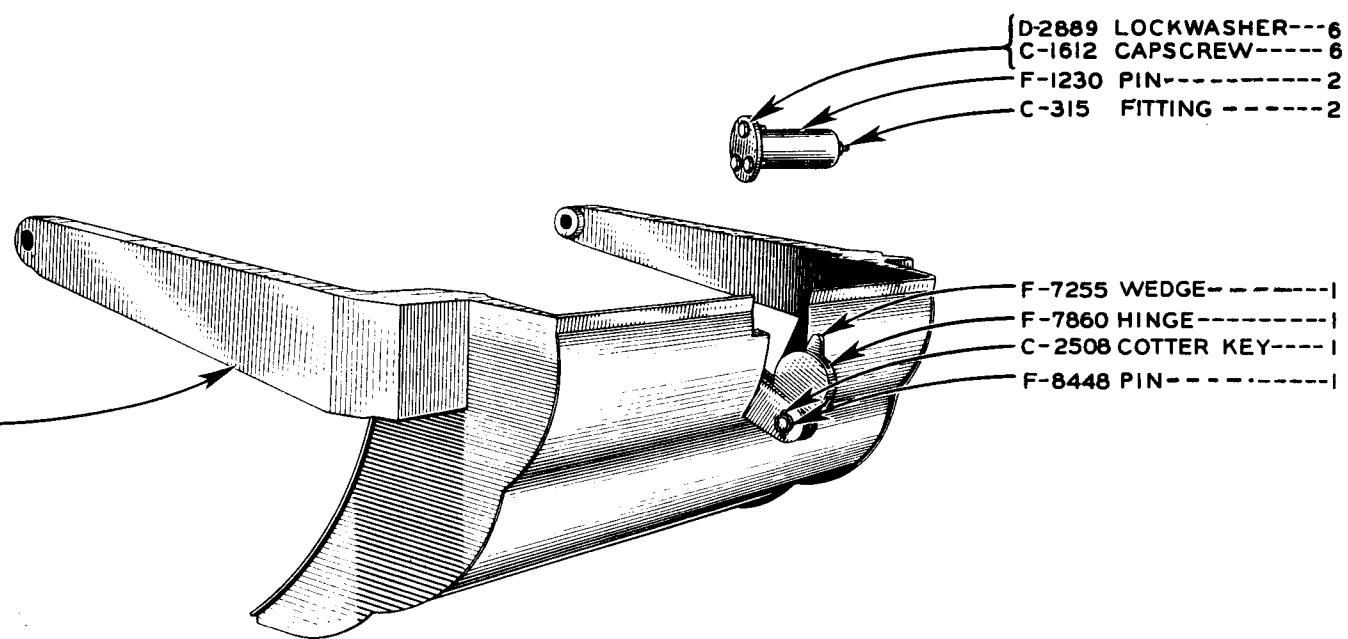
2 ROLLER	C-131
2 BEARING	C-177
4 SEAL	L-323

2 PIN	R-1306
2 FITTING	C-315

2 BOLT	C-1577
2 NUT	C-1531
2 LOCKWASHER	C-1544

MODEL LP CARRYALL

7



PC 238

APRON GROUP

ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

796

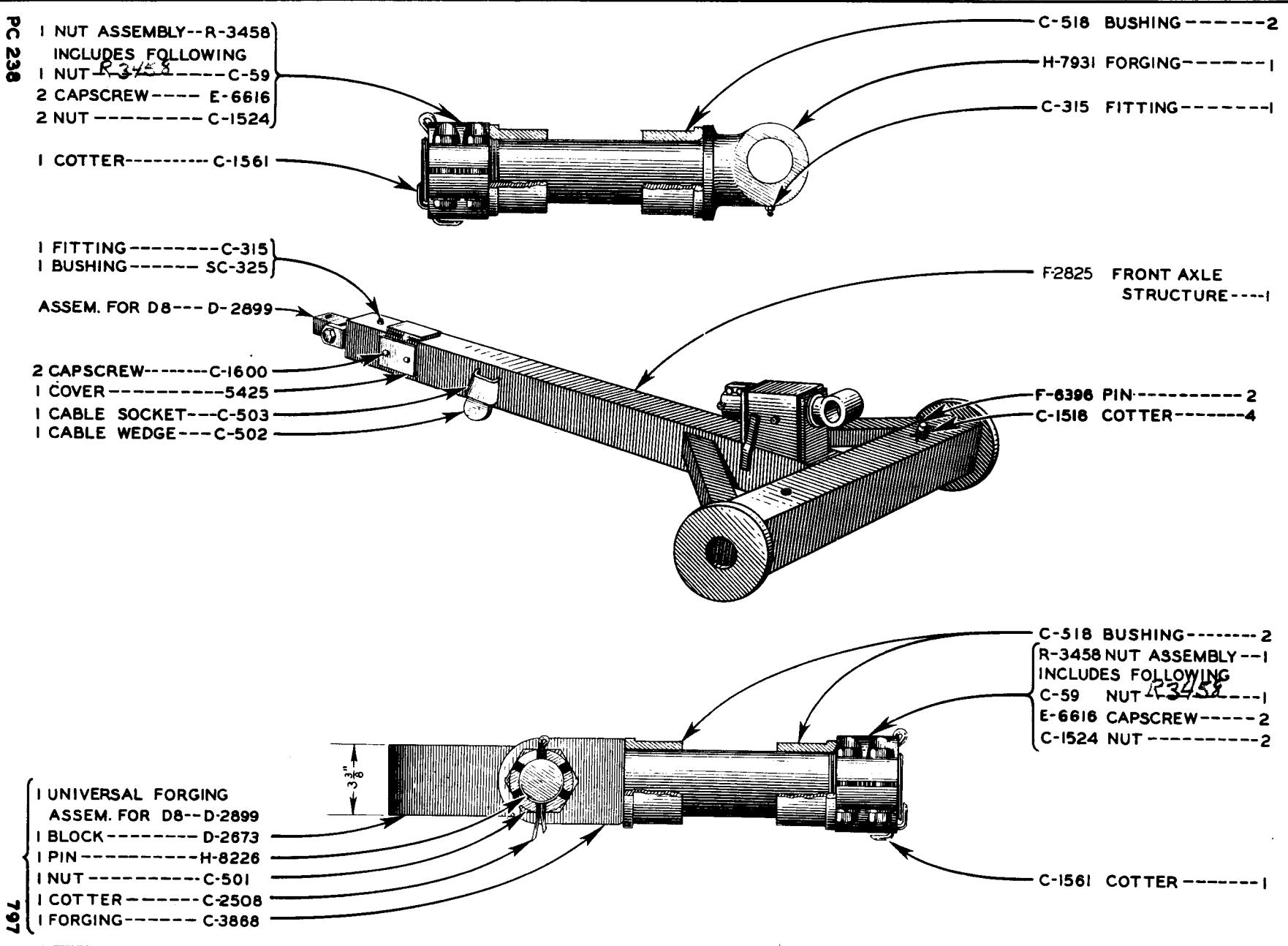
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MODEL LP CARRYALL

FRONT AXLE GROUP

ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

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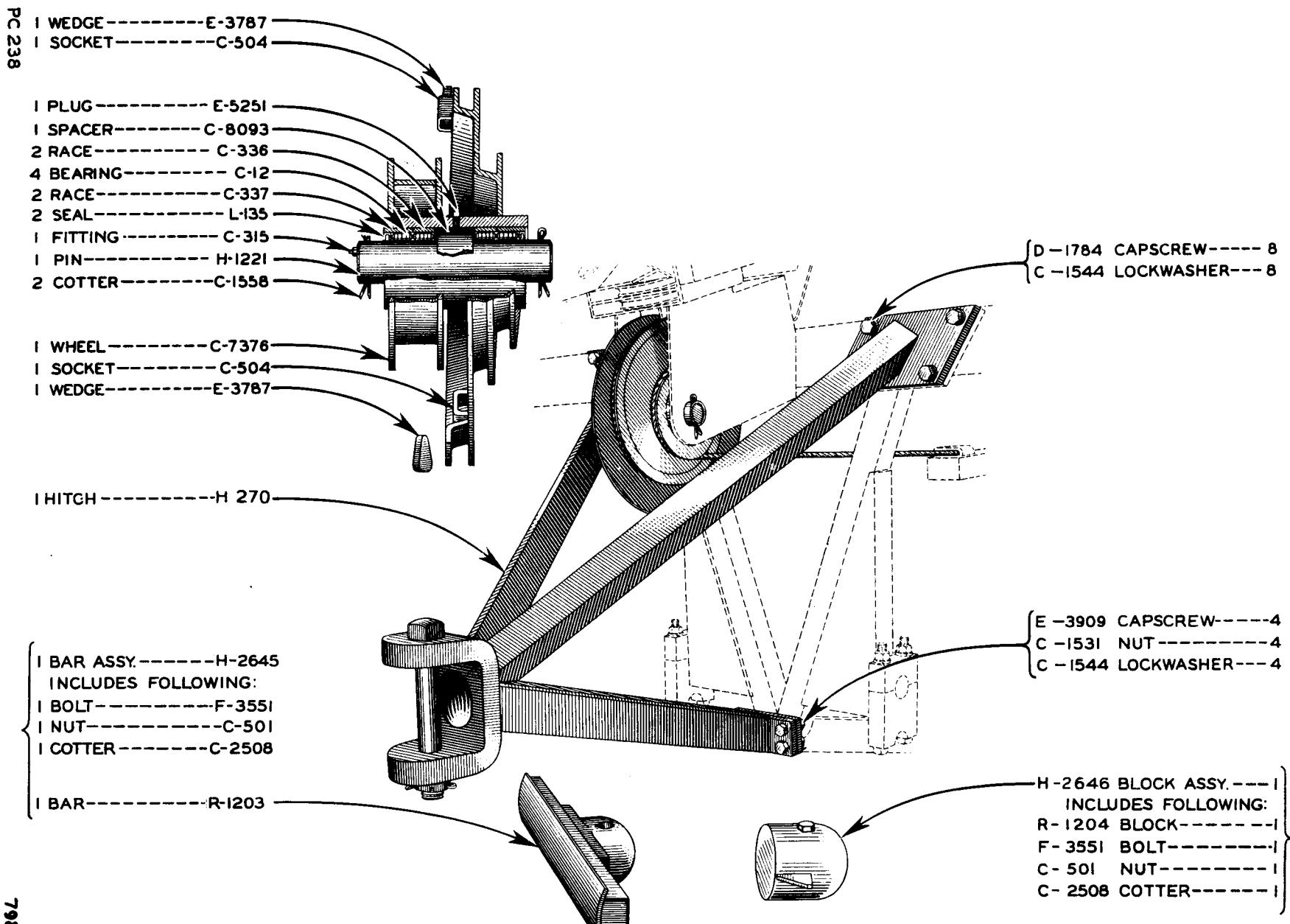


MODEL LP CARRYALL

9

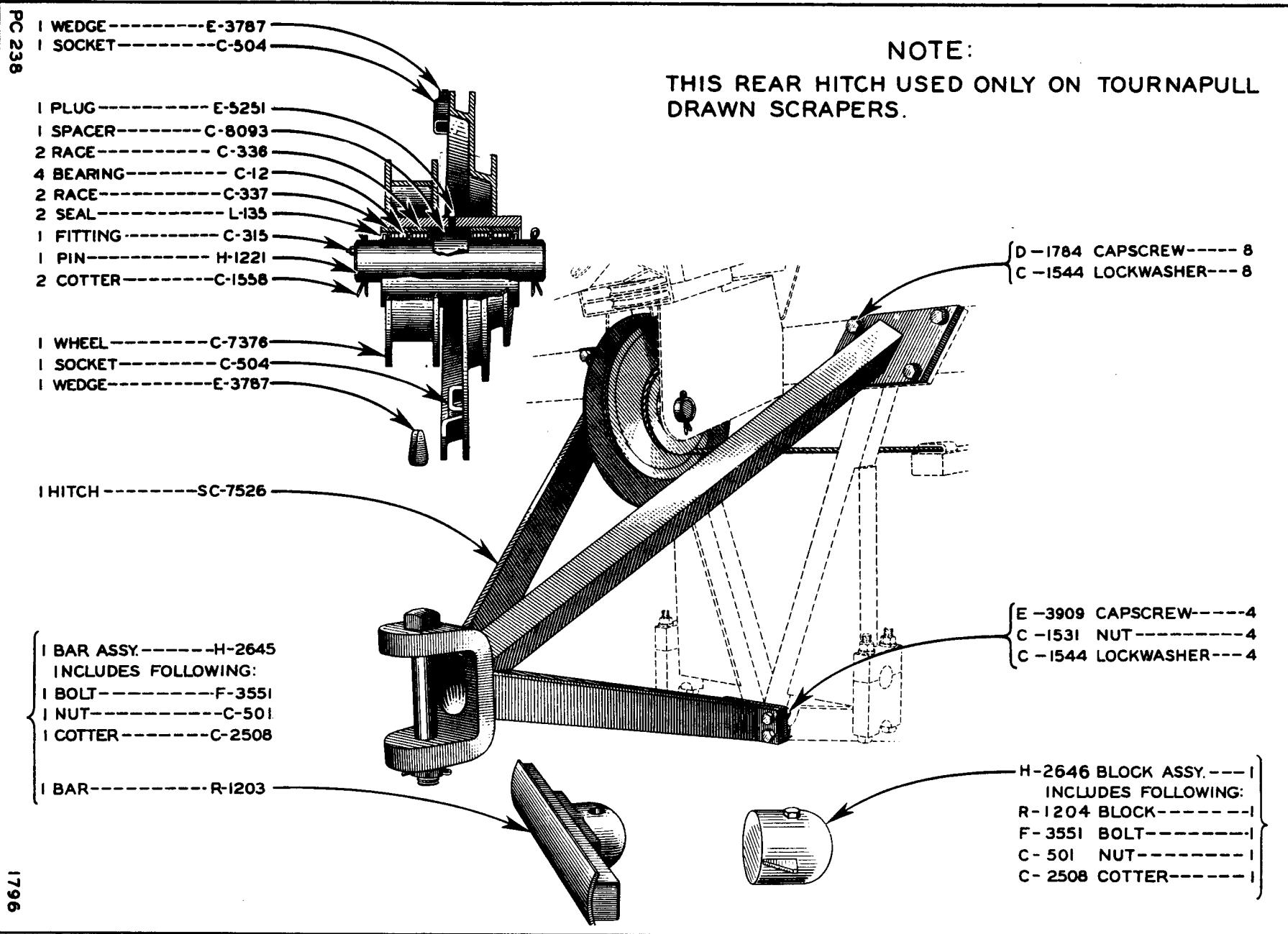
SPIRAL SHEAVE & REAR HITCH GROUP

ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS



SPIRAL SHEAVE & REAR HITCH GROUP
 EFFECTIVE WITH SERIAL NO. TS-25449-LPE AND UP
 ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

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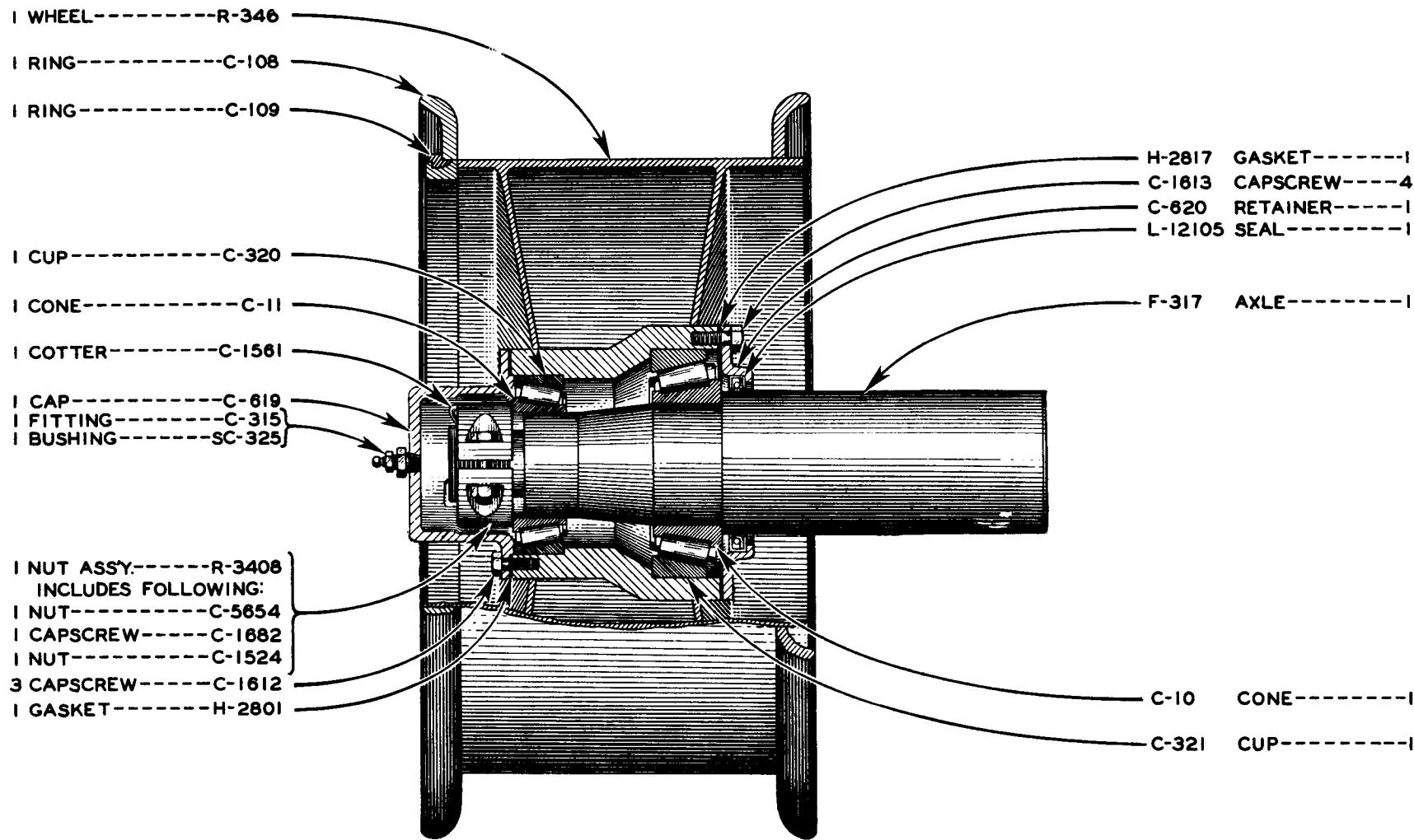


MODEL LP CARRYALL

10

14 X 20 SINGLE FRONT WHEEL ASSY. R-1461

PC 238



ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

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1386

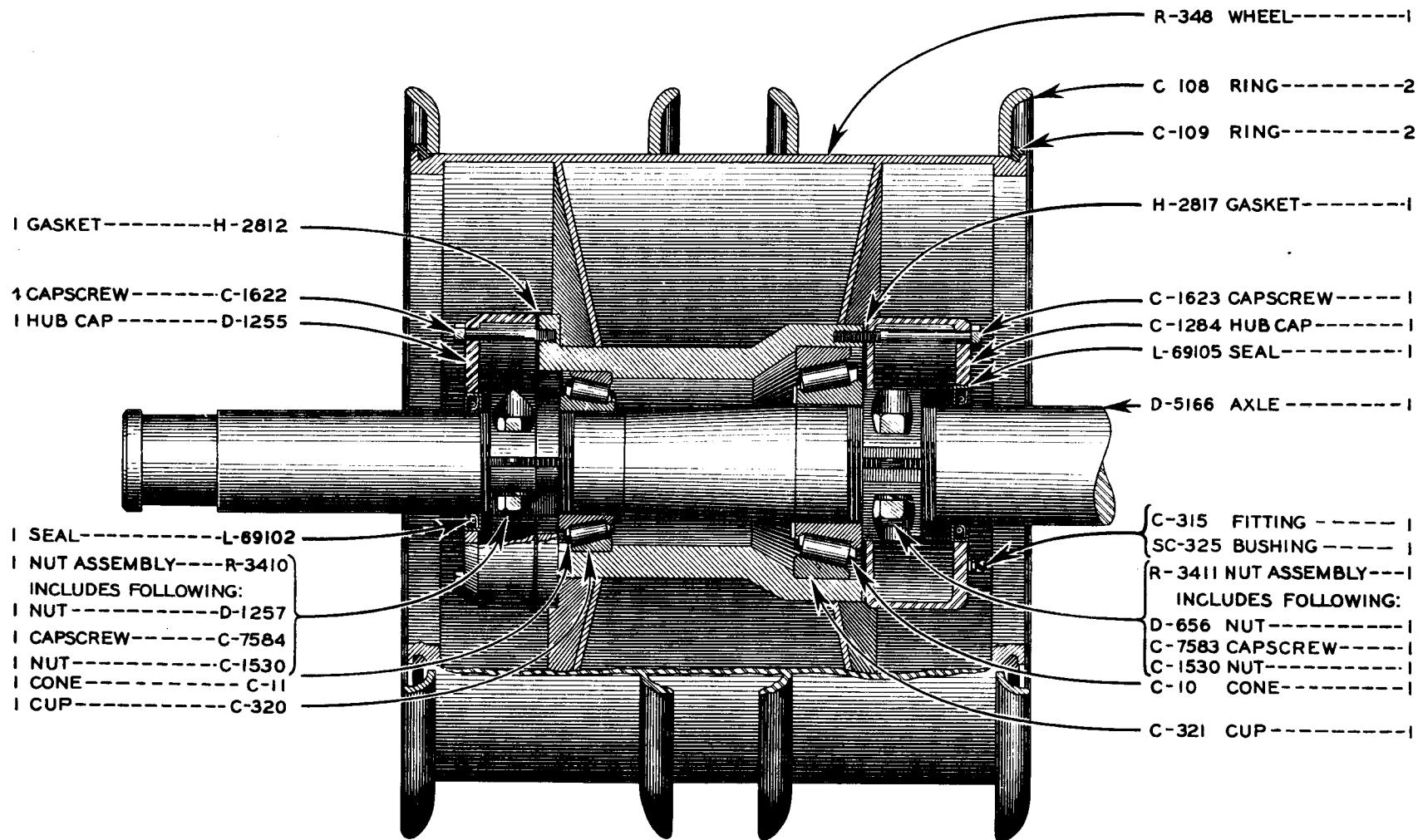
MODEL LP CARRYALL

14 X 20 DUAL REAR WHEEL ASSY. SC-8614

PC-238

ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

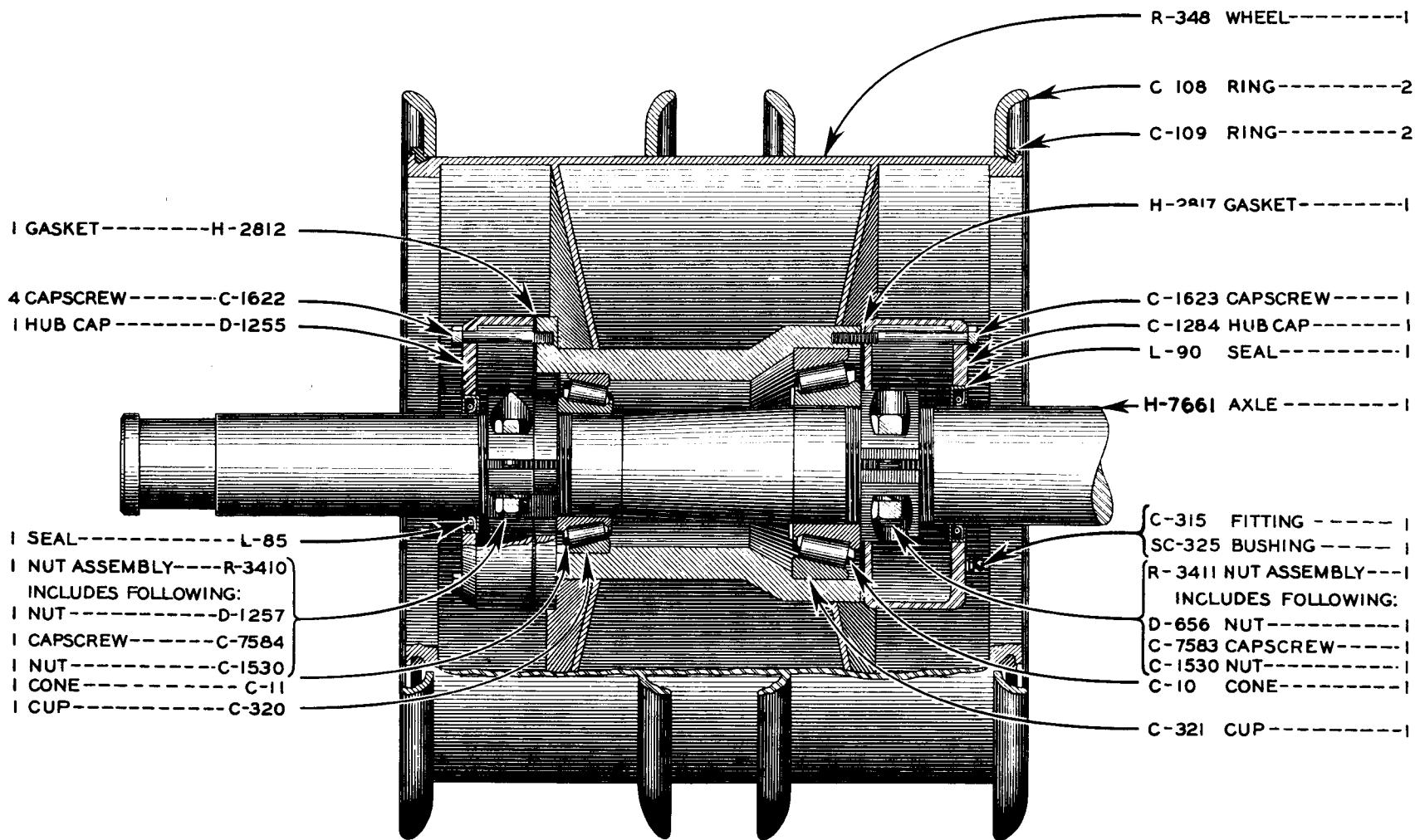
800



MODEL LP CARRYALL

III A

PC-238



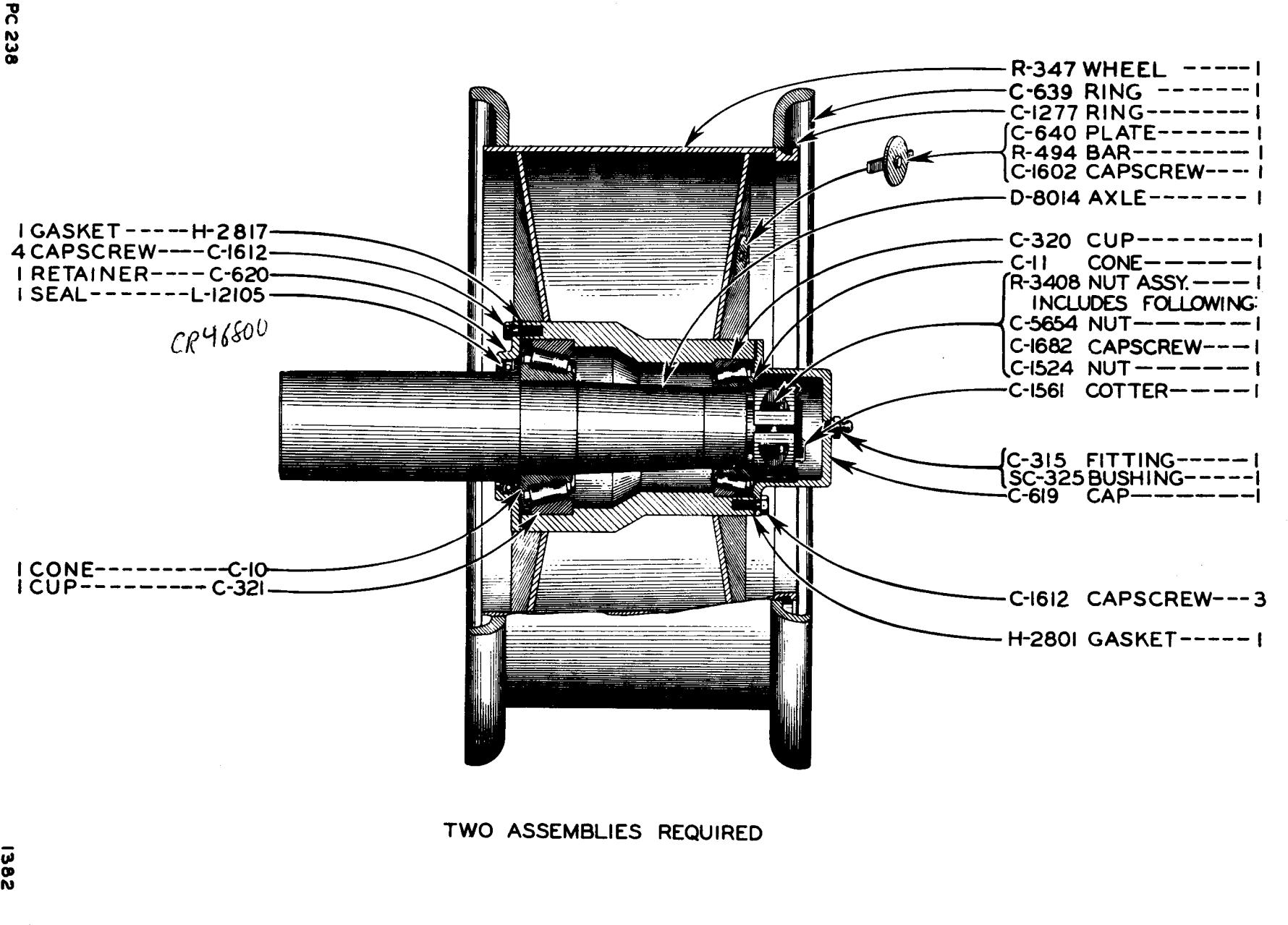
14 X 20 DUAL REAR WHEEL ASSY. R-1463

EFFECTIVE WITH SERIAL NO. S9109 LPC & UP
ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

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1306

18 X 24 SINGLE FRONT WHEEL ASSY. R-1453



PC 238

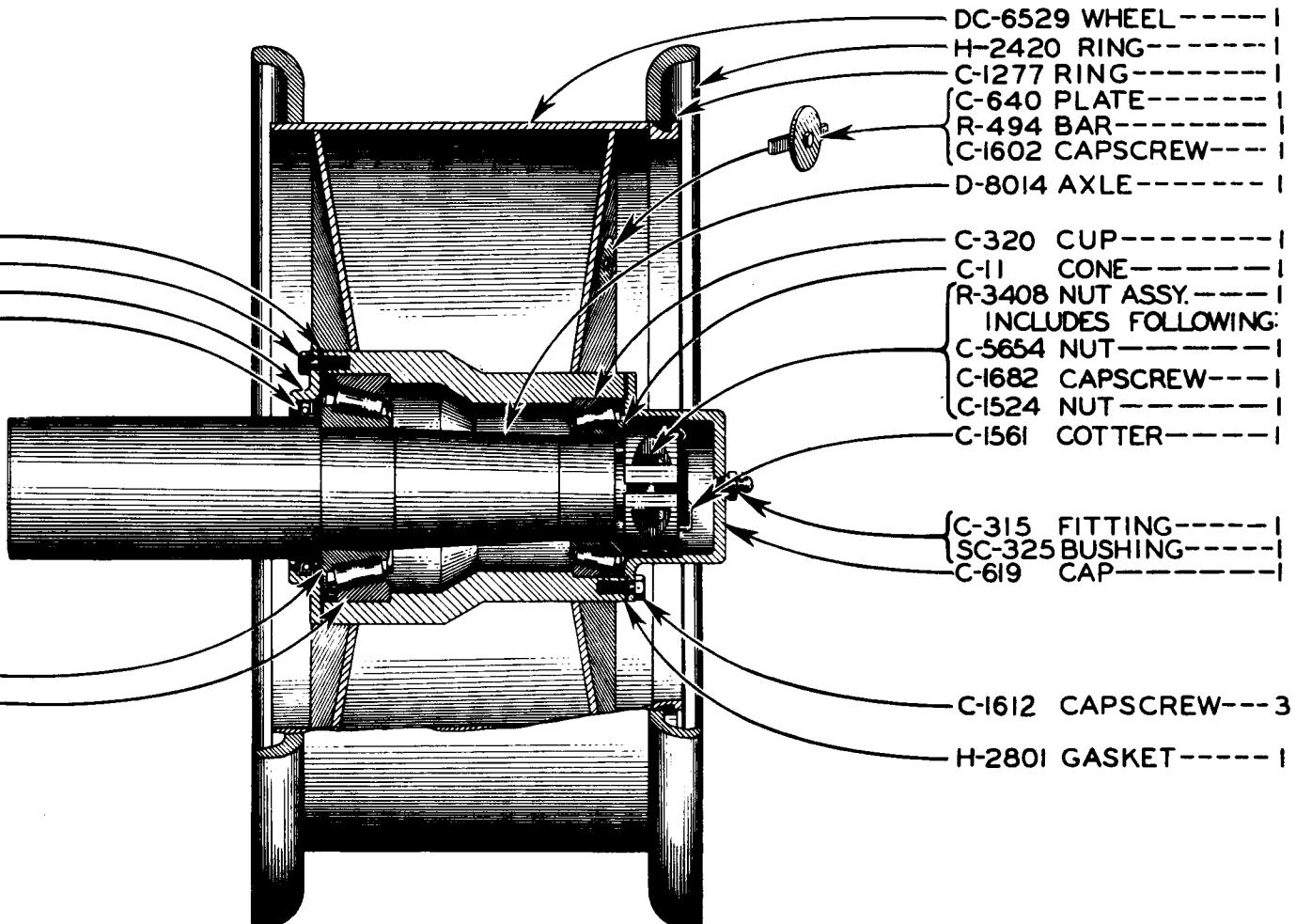
ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

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1382

MODEL LP CARRYALL

12A



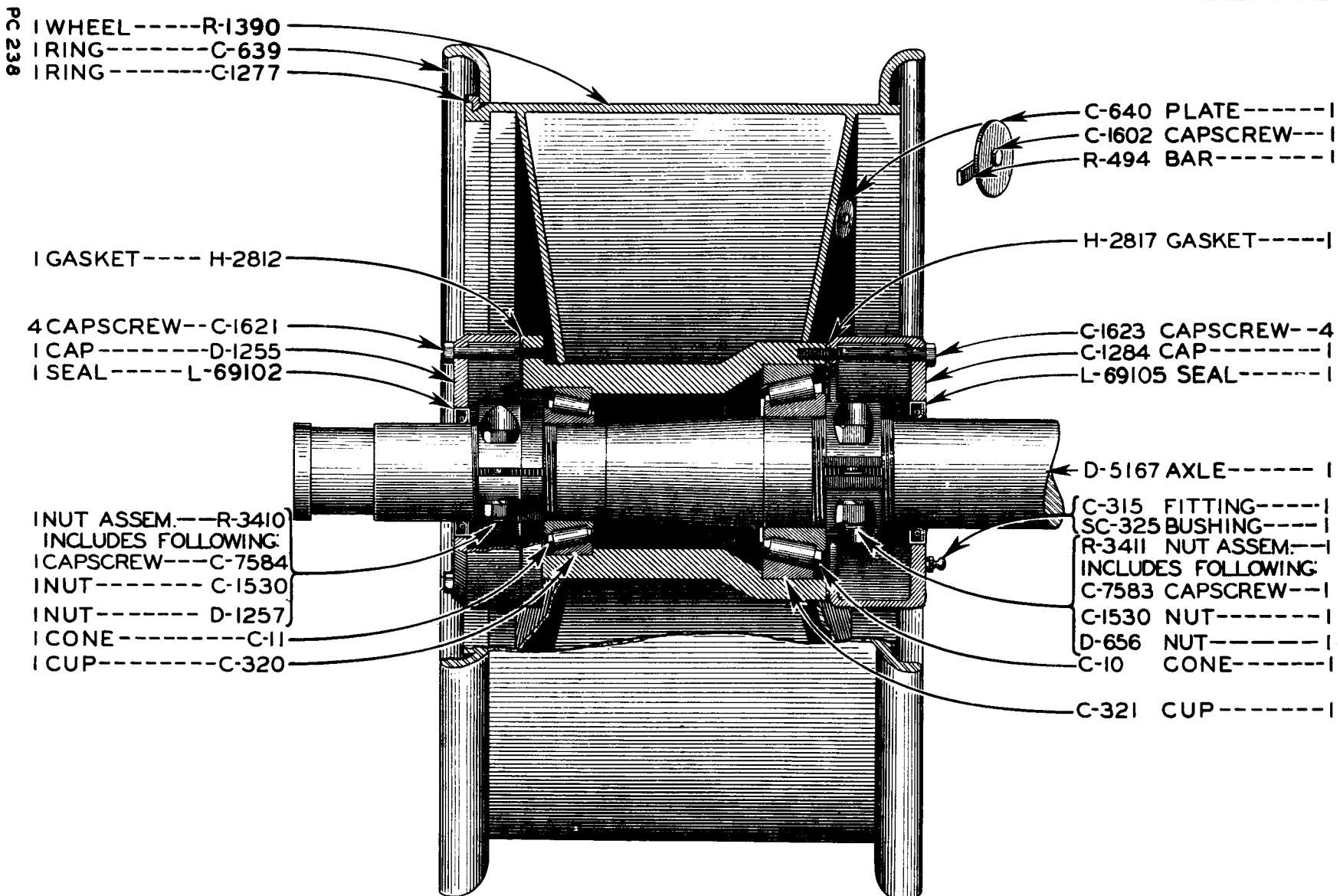
TWO ASSEMBLIES REQUIRED

PC 238

18 X 24 SINGLE FRONT WHEEL ASSY. SC-8703

EFFECTIVE WITH SERIAL NO S-26475-LPF & UP
ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

18 X 24 SINGLE REAR WHEEL ASSY. D-6171



TWO ASSEMBLIES REQUIRED

EFFECTIVE WITH SERIAL NO. S-11915-LPD & UP
ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

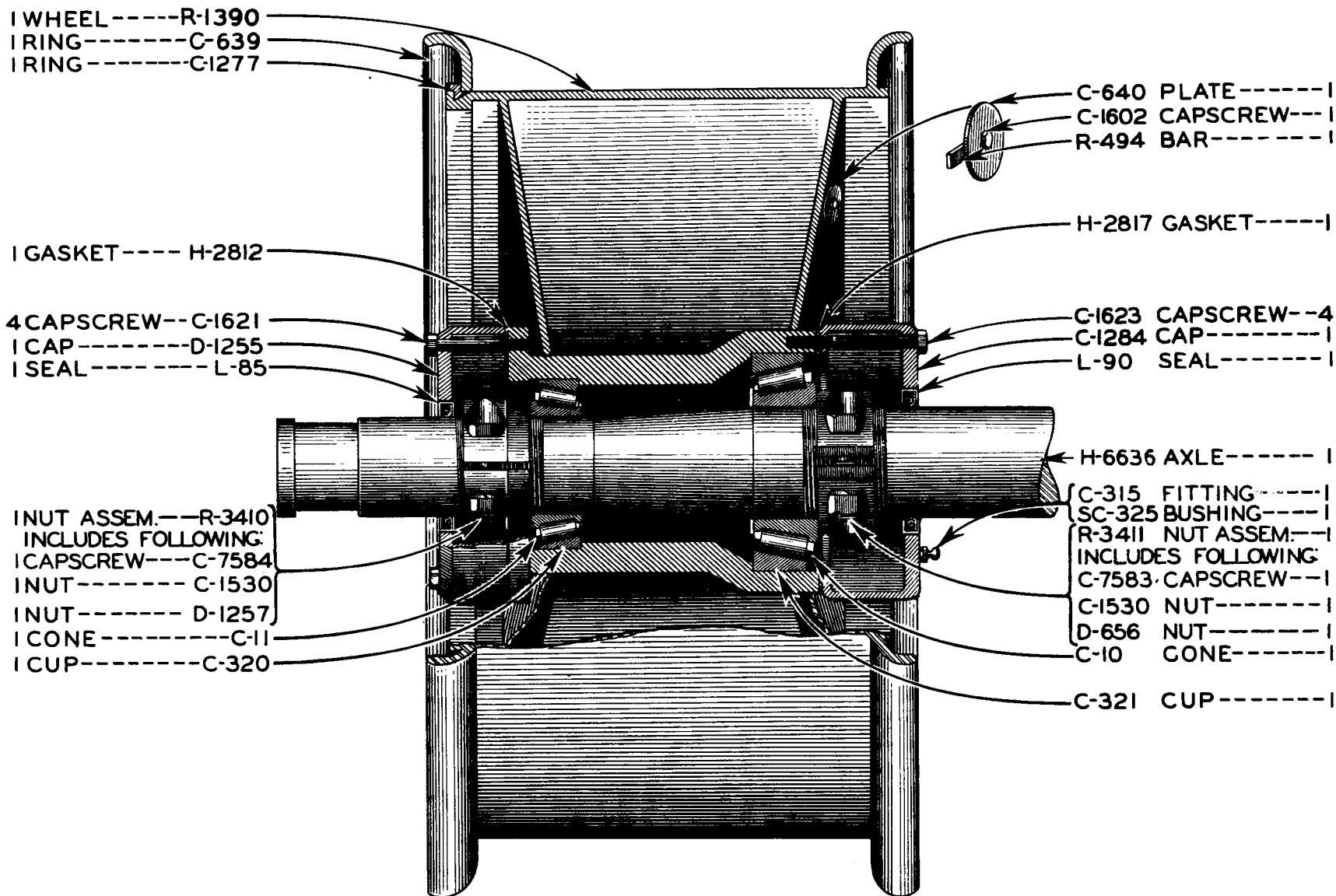
MODEL LP CARRYALL

13A

18 X 24 SINGLE REAR WHEEL ASSY. R-1452

EFFECTIVE WITH SERIAL NO. S9109 LPC & UP
ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

PC 238



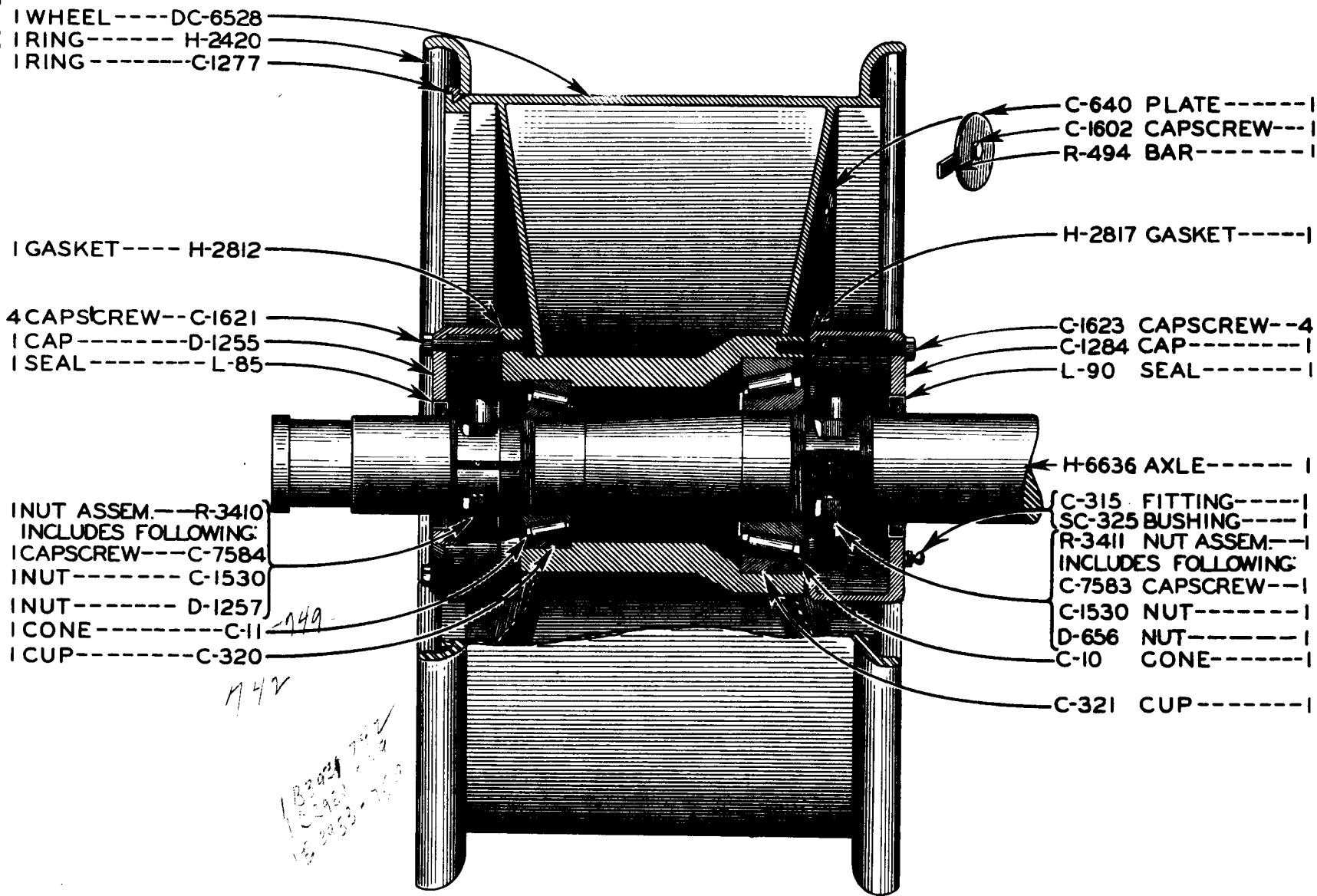
TWO ASSEMBLIES REQUIRED

1253

18 X 24 SINGLE REAR WHEEL ASSY. SC-6745

EFFECTIVE WITH SERIAL NO S-26475-LPF & UP
ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

PC 238



TWO ASSEMBLIES REQUIRED

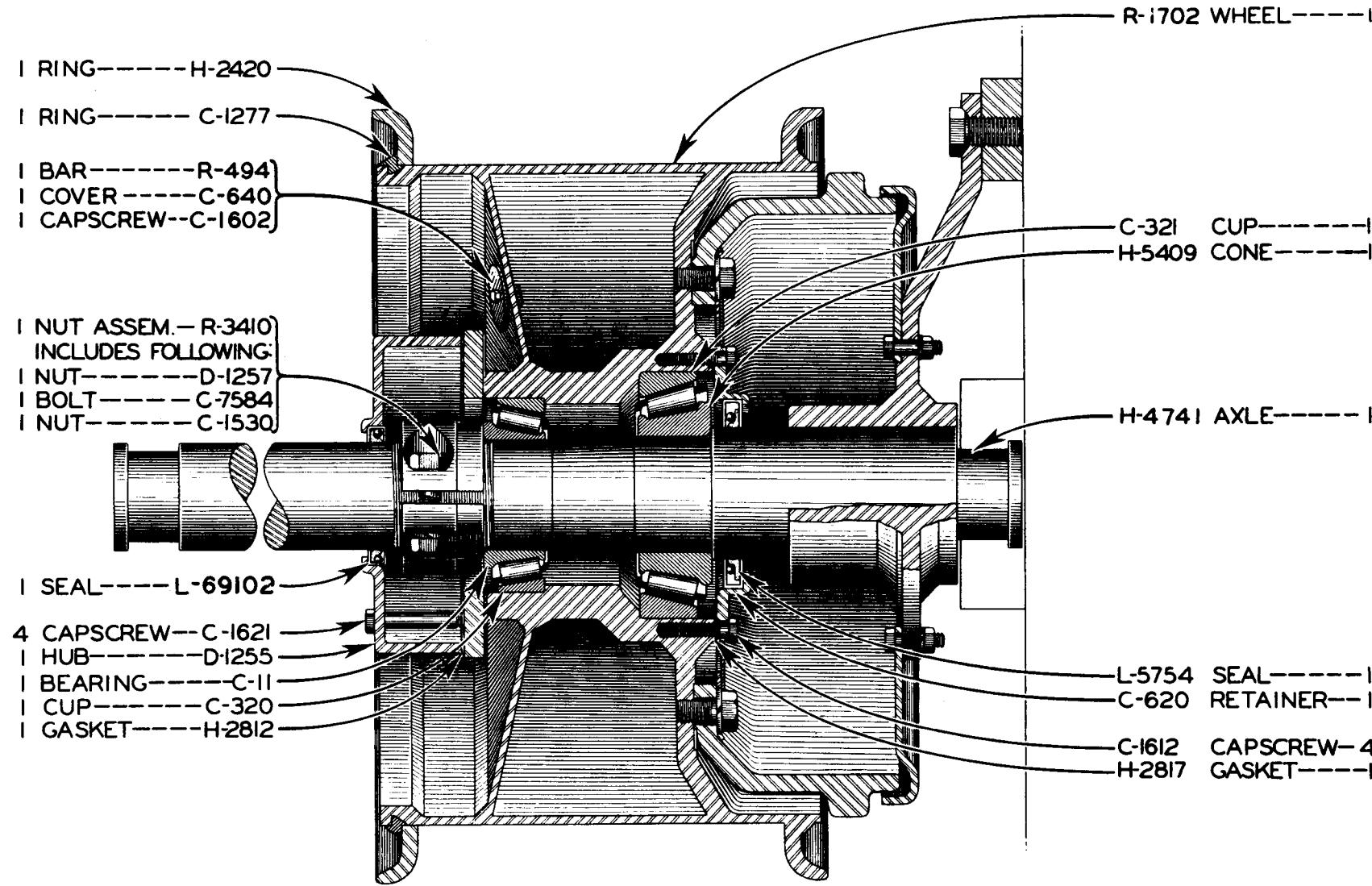
MODEL LP CARRYALL

14

18 X 24 SINGLE REAR WHEEL FOR BRAKES

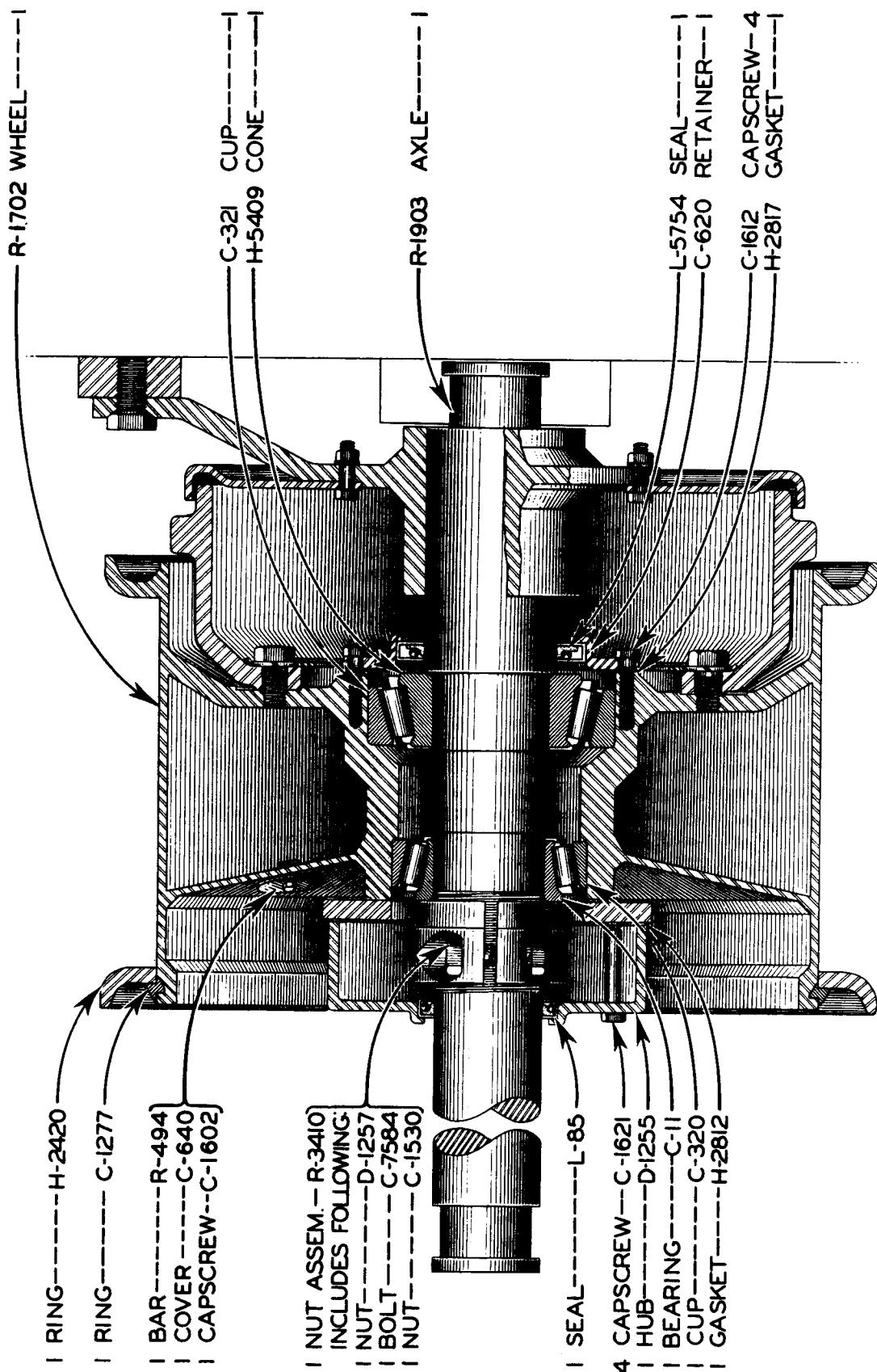
ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

PC 238



925

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18 X 24 SINGLE REAR WHEEL FOR BRAKES

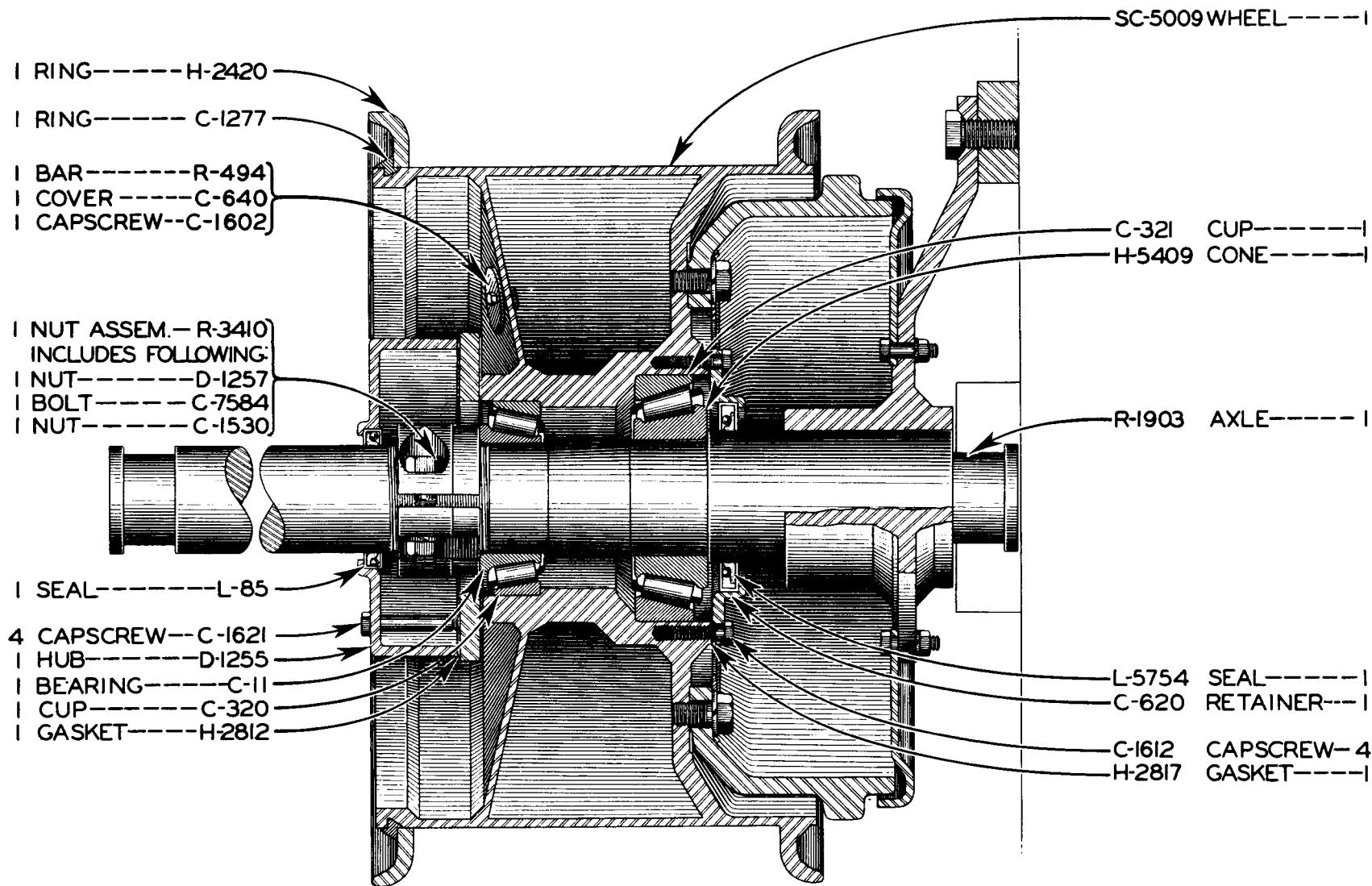
EFFECTIVE WITH SERIAL NO. TS 9345 LPC & UP
ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

MODEL LP CARRYALL

14B

21 X 24 SINGLE REAR WHEEL FOR BRAKES

PC 238

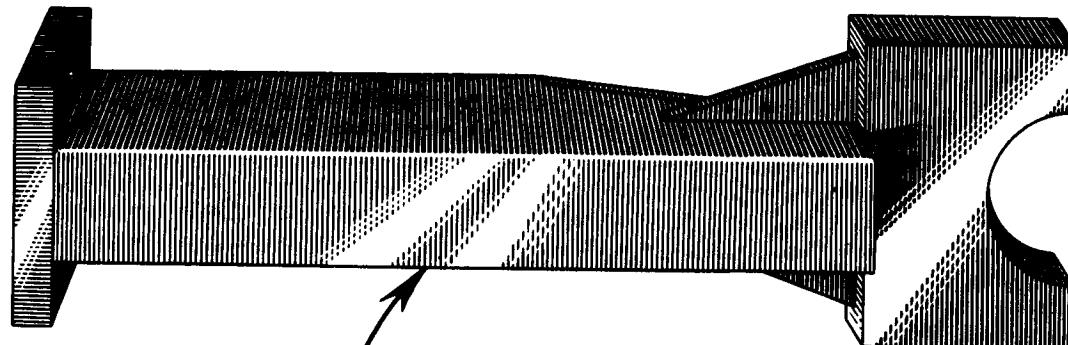
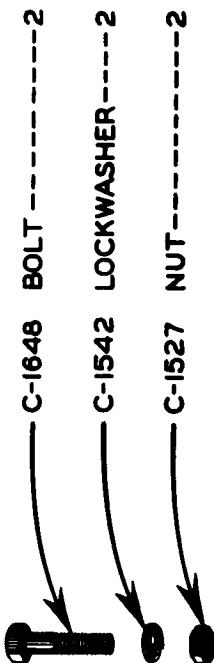


ALWAYS GIVE MACHINE NUMBER WHEN ORDERING PARTS

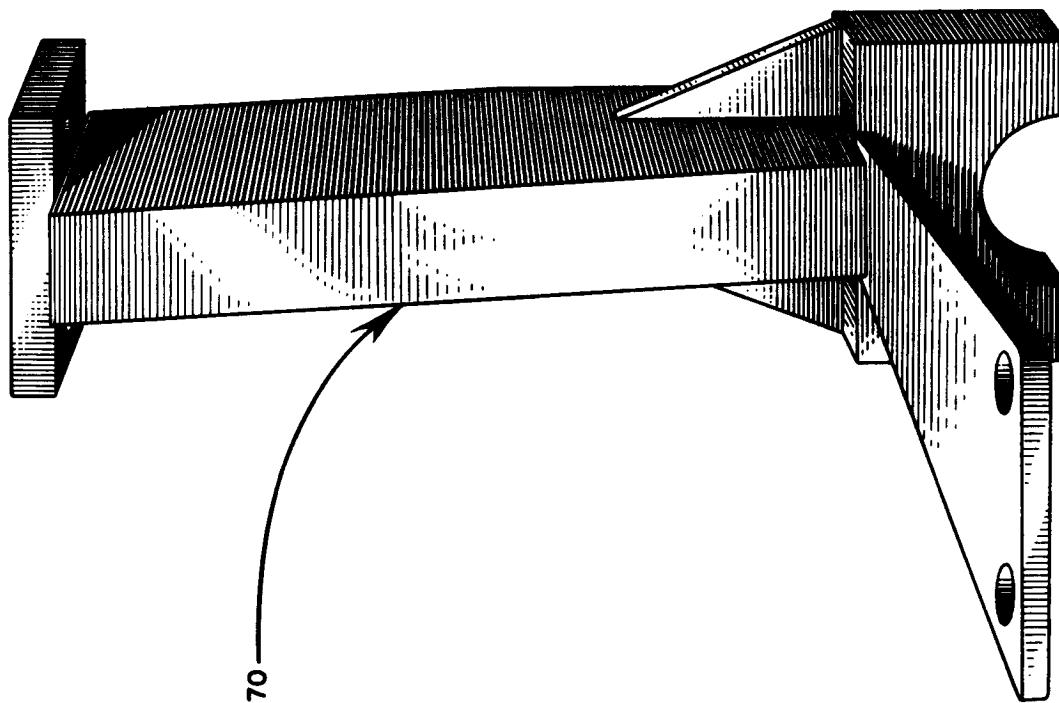
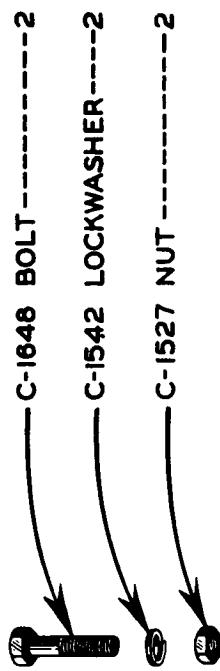
1789

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USED ONLY ON TOURNAPULL DRAWN SCRAPERS

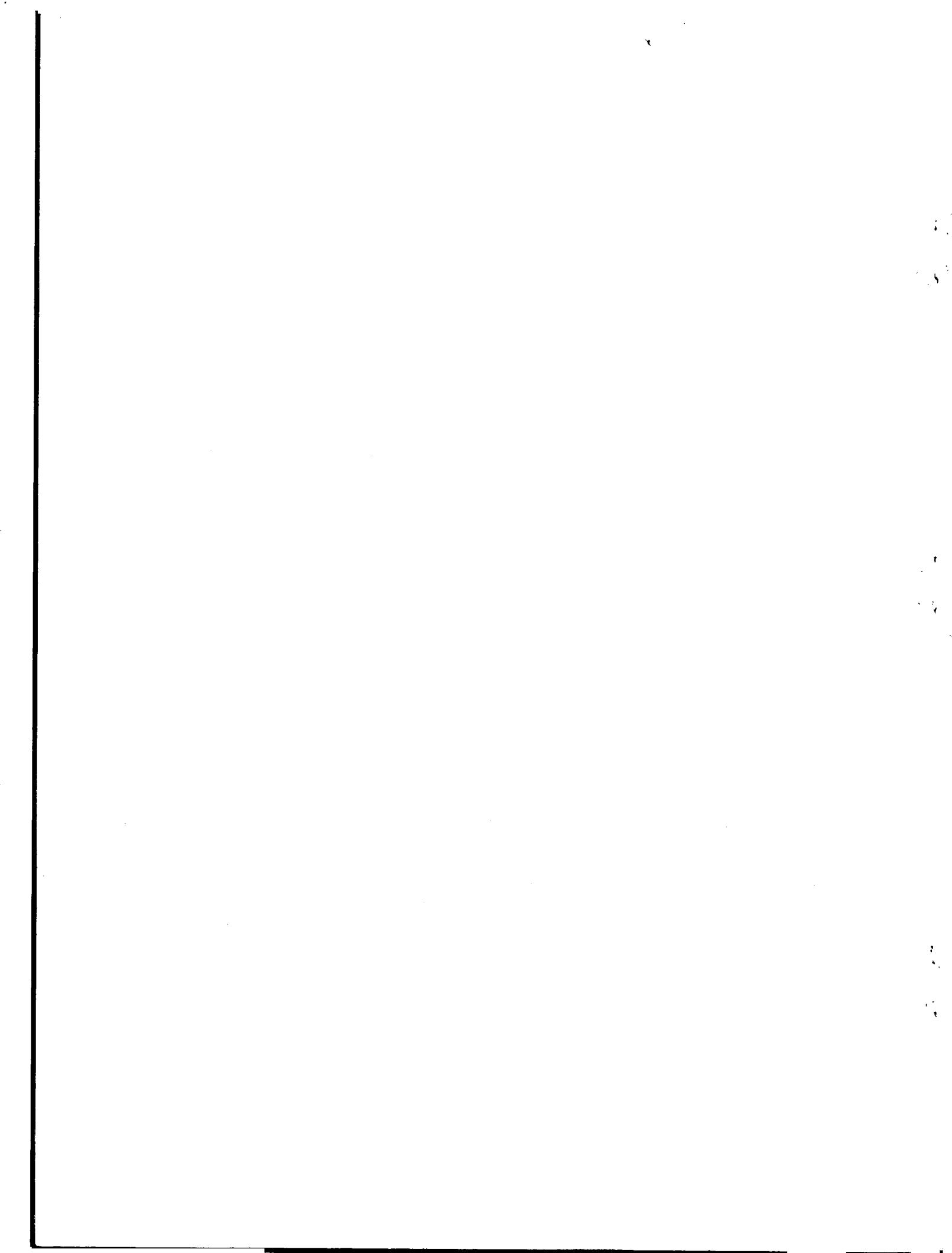


TWO ASSEMBLIES REQUIRED



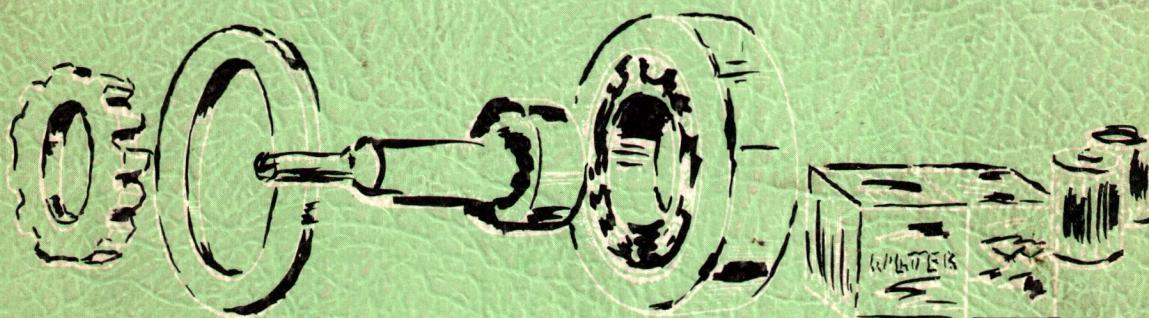
TWO ASSEMBLIES REQUIRED

USED ONLY ON Tournapull Drawn Scrapers





quality machines deserve . . .



. . . quality parts