

# PARTS INDEX

## For Lathes From Serial No. 506056 To \_\_\_\_\_

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### INSTRUCTIONS FOR ORDERING REPAIR PARTS

It is important to furnish the following information in addition to QUANTITY required:

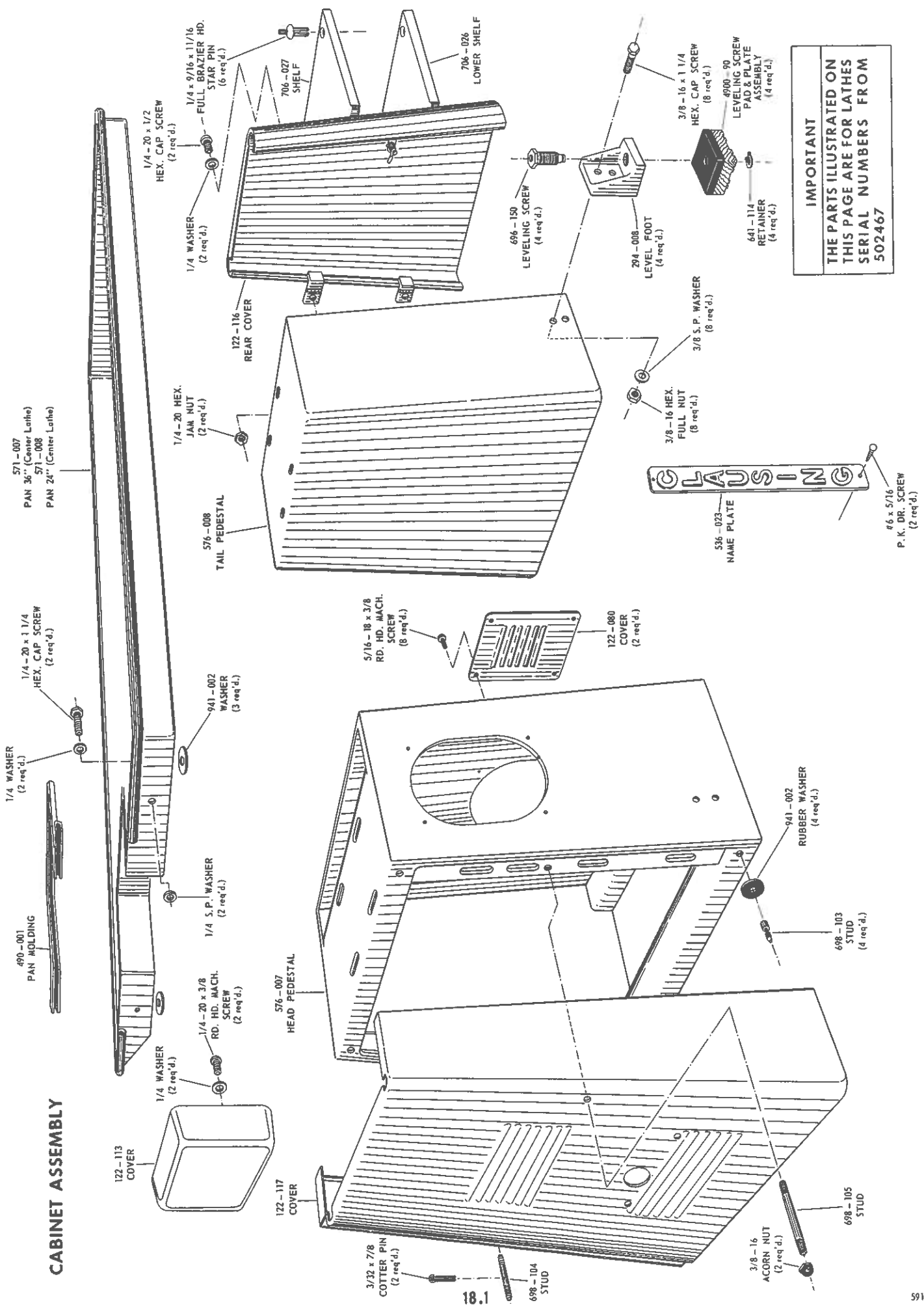
1. PART NUMBER
2. PART NAME
3. MODEL and SERIAL NUMBER of machine tool – you'll find both on the metal plate attached to machine – note illustration below.



NOTE: Screws and nuts shown without part numbers should be purchased locally.

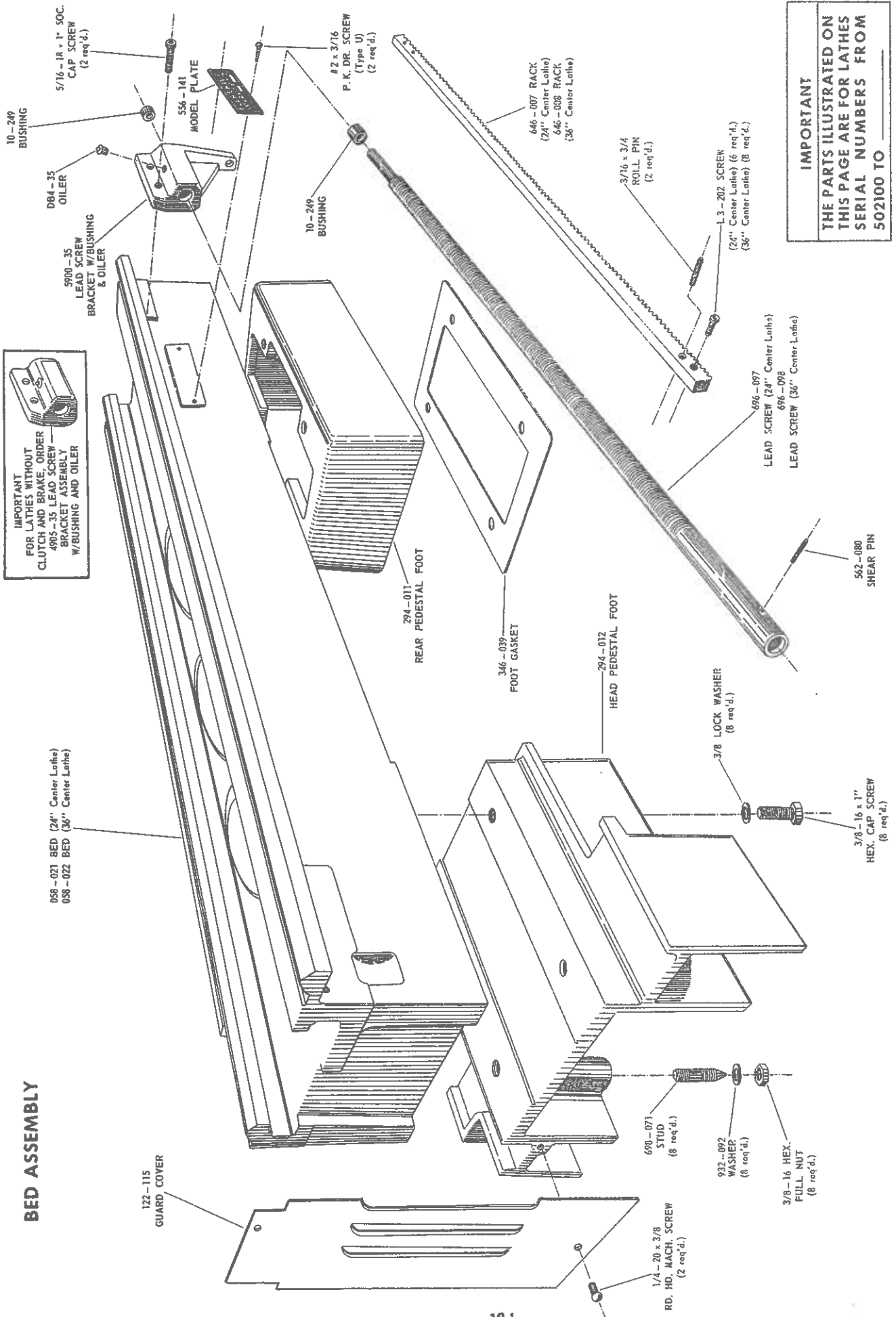
We reserve the right to make changes in design and specifications without notice.

# CABINET ASSEMBLY



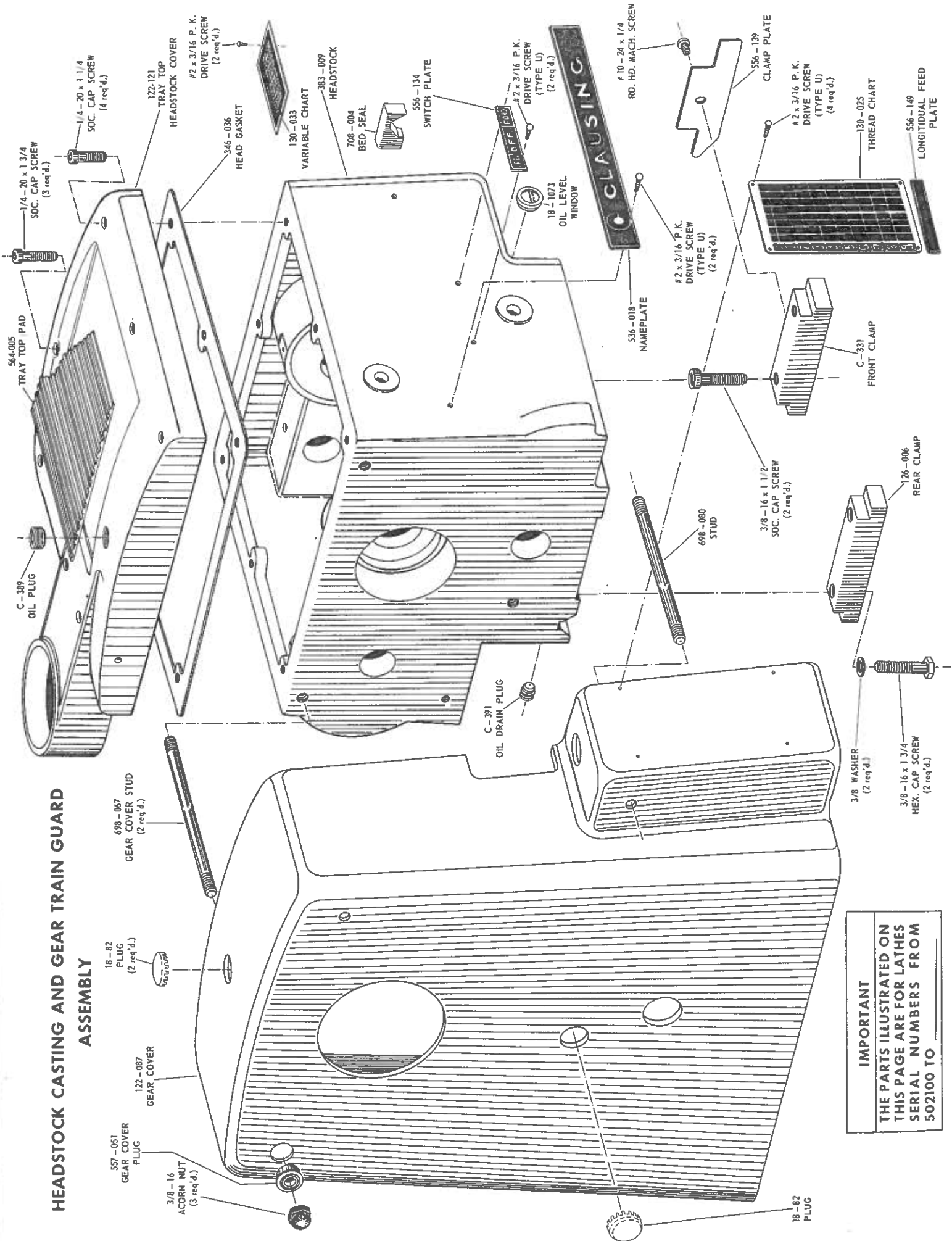
**IMPORTANT**  
 THE PARTS ILLUSTRATED ON  
 THIS PAGE ARE FOR LATHES  
 SERIAL NUMBERS FROM  
 502467

# BED ASSEMBLY

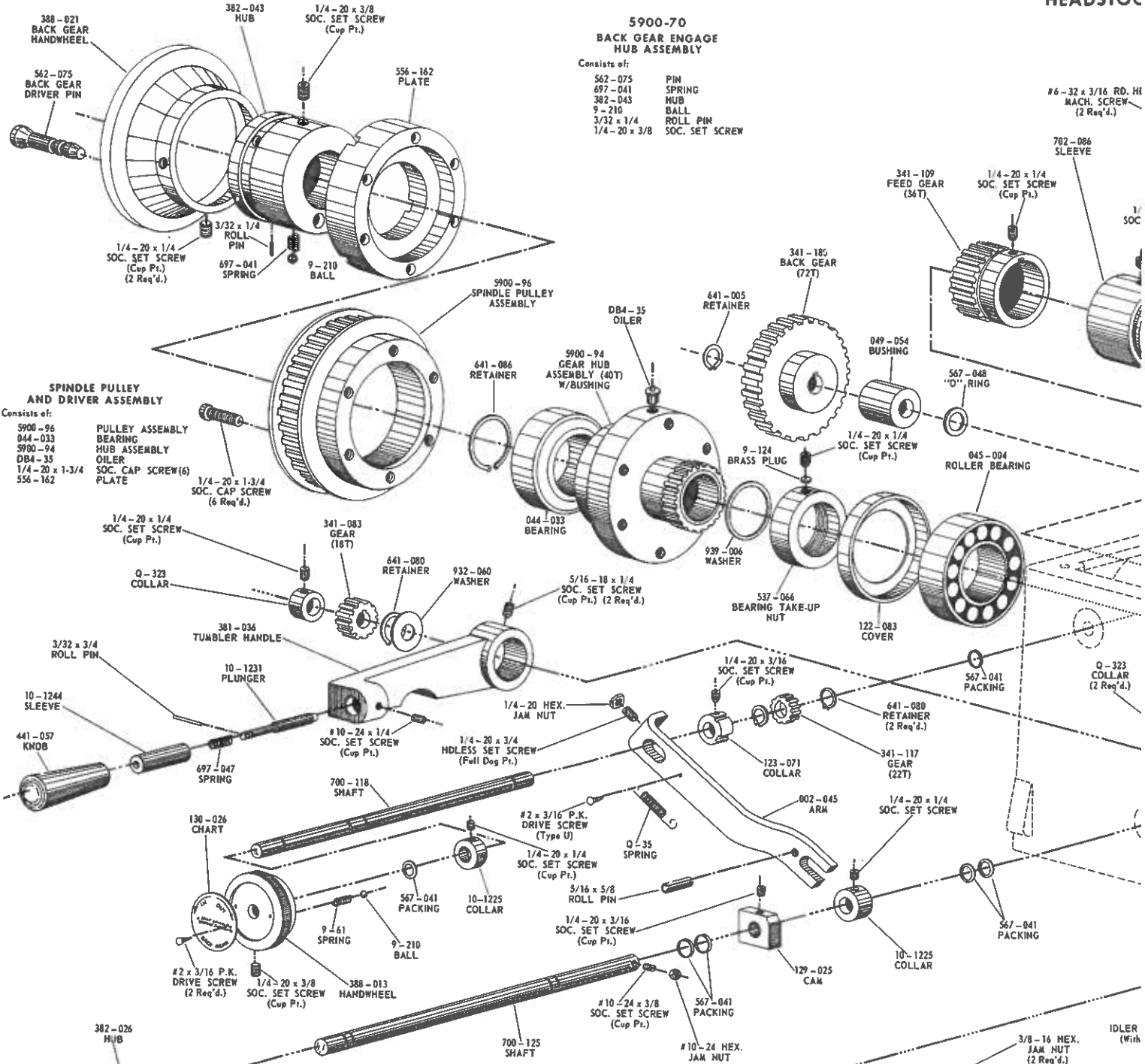


**IMPORTANT**  
 THE PARTS ILLUSTRATED ON  
 THIS PAGE ARE FOR LATHES  
 SERIAL NUMBERS FROM  
 502100 TO \_\_\_\_\_

# HEADSTOCK CASTING AND GEAR TRAIN GUARD ASSEMBLY



**IMPORTANT**  
 THE PARTS ILLUSTRATED ON THIS PAGE ARE FOR LATHES SERIAL NUMBERS FROM 502100 TO



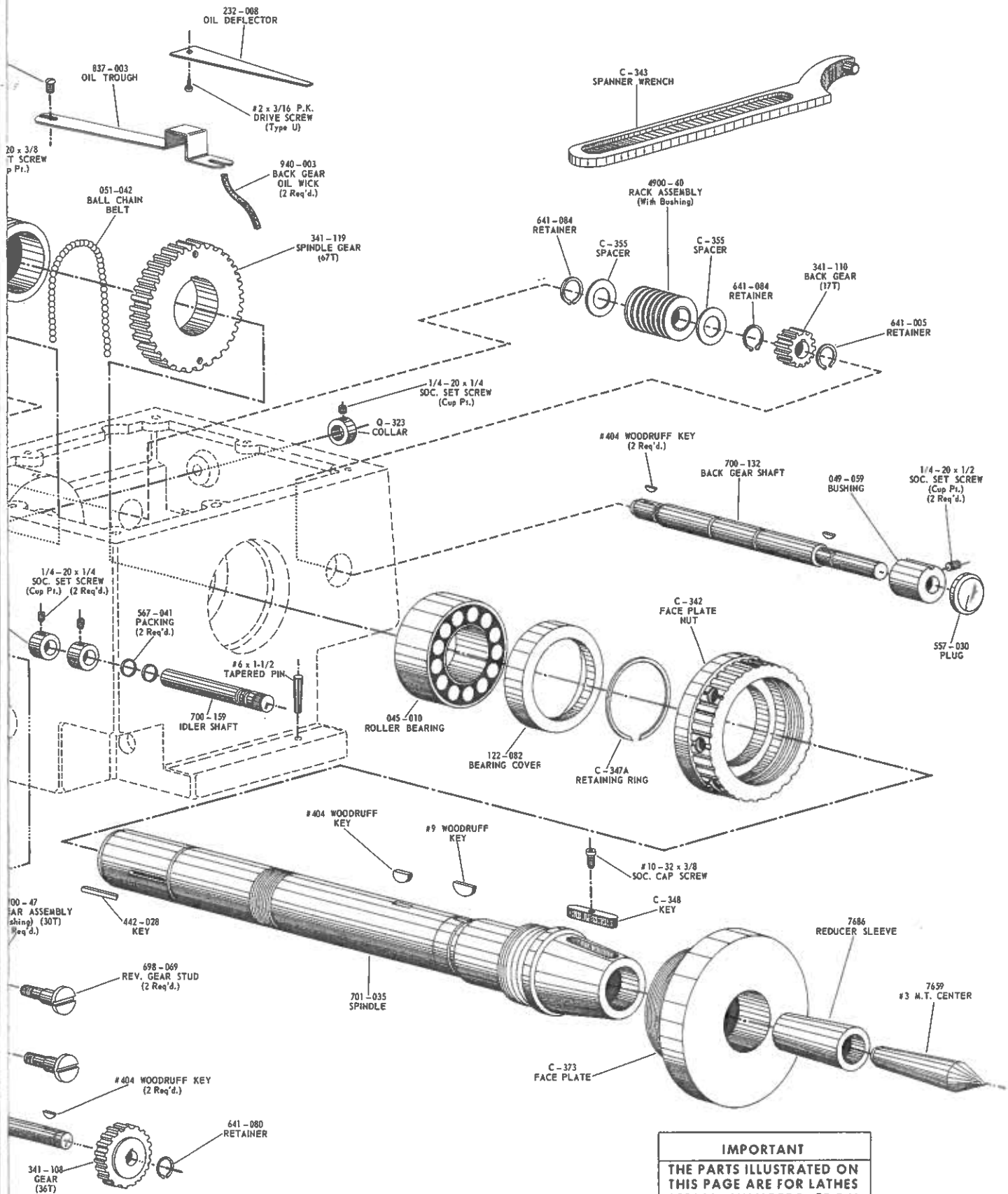
**SPINDLE PULLEY AND DRIVER ASSEMBLY**  
Consists of:

5900-96	PULLEY ASSEMBLY
044-033	HUB ASSEMBLY
5900-94	OILER
DB4-35	SOC. CAP SCREW (6)
1/4-20 x 1-3/4	SOC. CAP SCREW (6 Req'd.)
556-162	PLATE

**5900-122  
REV. SWITCH ASSEMBLY**  
Consists of:

382-026	HUB
441-056	KNOB
567-041	"O" RING (4)
698-070	STUD
700-125	SHAFT
1/4-20 x 3/8	SOC. SET SCREW

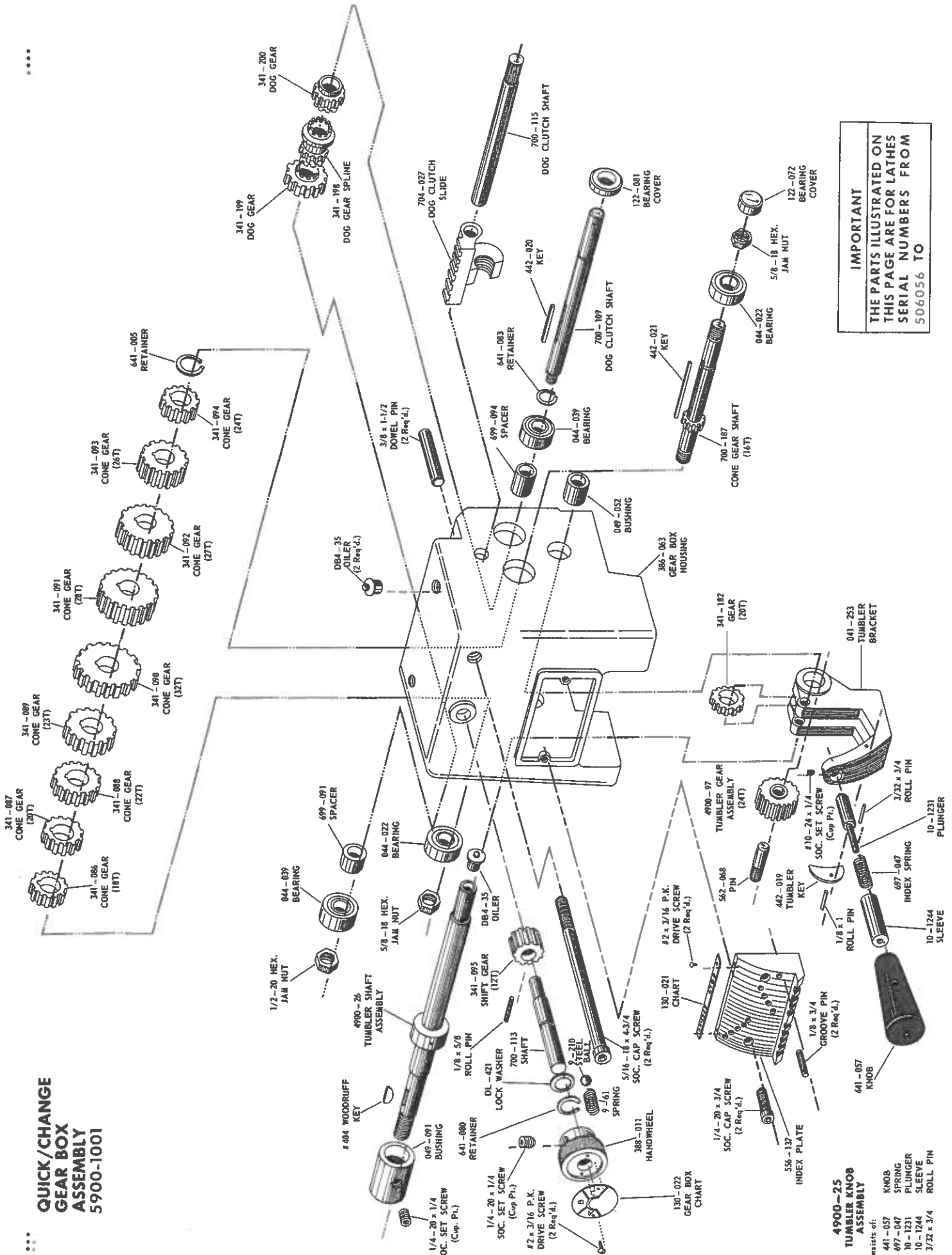
# ASSEMBLY



**IMPORTANT**  
 THE PARTS ILLUSTRATED ON  
 THIS PAGE ARE FOR LATHES  
 SERIAL NUMBERS FROM  
 502260 TO

...

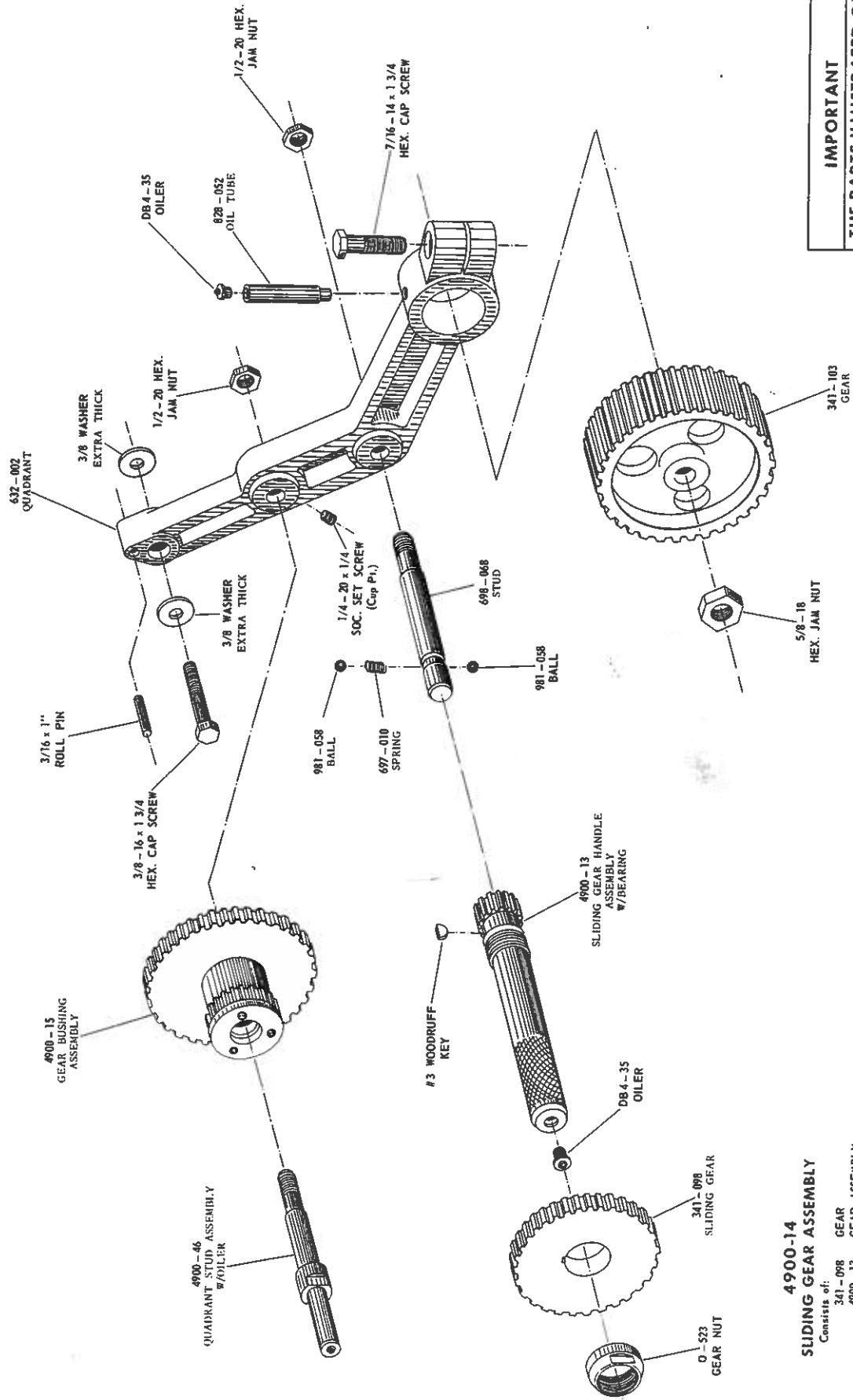
**QUICK/CHANGE  
GEAR BOX  
ASSEMBLY  
5900-1001**



**IMPORTANT**  
THE PARTS ILLUSTRATED ON  
THIS PAGE ARE FOR LATHES  
SERIAL NUMBERS FROM  
506056 TO

**4900-25  
TUMBLER KNOB  
ASSEMBLY**  
Consists of:  
441-057 KNOB  
697-047 SPRING  
10-1231 PLUNGER  
10-1244 SLEEVE  
3/32 x 3/4 ROLL PIN

# QUADRANT ASSEMBLY NO. 4900-29



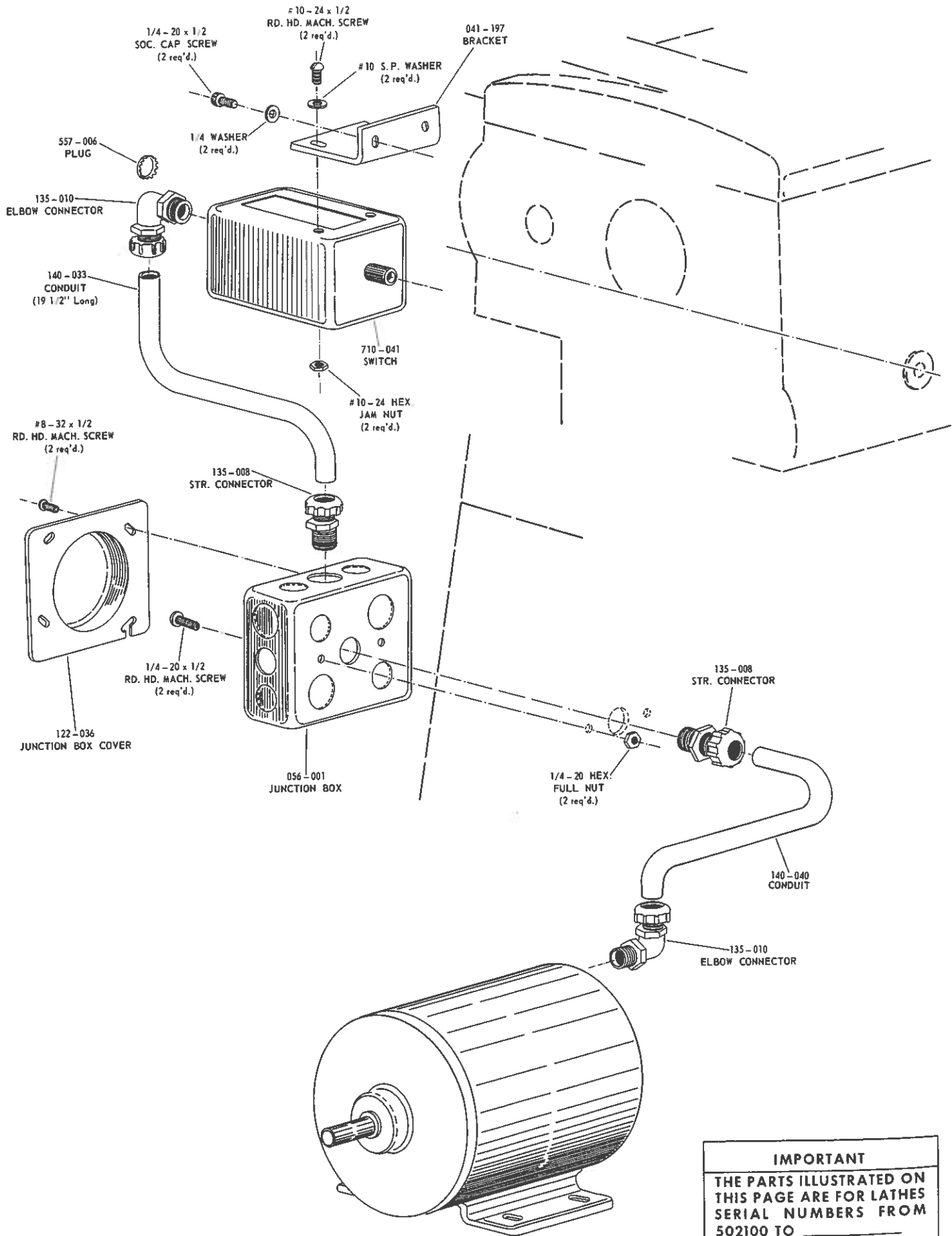
**IMPORTANT**  
THE PARTS ILLUSTRATED ON  
THIS PAGE ARE FOR LATHES  
SERIAL NUMBERS FROM  
502100 TO \_\_\_\_\_

## 4900-14 SLIDING GEAR ASSEMBLY

- Consists of:
- 341-098 GEAR
  - 4900-13 GEAR ASSEMBLY
  - DB4-35 OILER
  - 0-523 NUT
  - #3 WOODRUFF KEY



# ELECTRICAL ASSEMBLY



**IMPORTANT**  
 THE PARTS ILLUSTRATED ON  
 THIS PAGE ARE FOR LATHES  
 SERIAL NUMBERS FROM  
 502100 TO \_\_\_\_\_

**5900-136  
C'SHAFT VARI. PULLEY  
ASSEMBLY (SEE NOTE)\***

Consists of:

- 300-002 FAN
- 641-086 RETAINER
- 641-116 SPRING RETAINER
- 697-038 PULLEY SPRING
- 5900-65 SLIDING C'SHAFT PULLEY ASSEMBLY
- 5900-135 PULLEY AND KEY ASSY.

**NOTE\***  
(MUST ORDER 5900-136  
C'SHAFT VARI. PULLEY  
ASSEMBLY FOR REPAIR.)

**COUNTERSHAFT ASSEMBLY W/O CLUTCH  
5900-1006**

**5905-115  
COUNTERSHAFT SPINDLE  
ASSEMBLY W/O CLUTCH**

Consists of:

- 044-017 BEARING (2)
- 382-060 DRIVE HUB
- 442-046 PULLEY KEY
- 442-053 DRIVE KEY
- 641-011 RETAINER (2)
- 699-142 SPACER
- 699-146 SPACER
- 701-052 SPINDLE
- 5900-40 C'SHAFT PULLEY ASSY.
- 5900-136 C'SHAFT VARI. PULLEY ASSEM.

**5900-65  
SLIDING C'SHAFT  
PULLEY ASSEMBLY  
(See Note)\***

**641-116  
SPRING  
RETAINER**

**641-086  
RETAINER**

**300-002  
PULLEY FAN**

**697-038  
PULLEY SPRING**

**641-116  
SPRING  
RETAINER**

**641-086  
RETAINER**

**300-002  
PULLEY FAN**

**697-038  
PULLEY SPRING**

**5900-135  
C'SHAFT VARI.  
PULLEY ASSEMBLY  
(See Note)\***

**5900-40  
C'SHAFT PULLEY  
ASSEMBLY**

**699-146  
SPACER**

**699-146  
SPACER**

**701-052  
SPINDLE**

**5900-40  
C'SHAFT PULLEY ASSY.**

**5900-136  
C'SHAFT VARI. PULLEY ASSEM.**

**MUST ORDER 5900-136  
C'SHAFT VARI. PULLEY ASSEMBLY**

**051-036  
VARI. BELT**

**044-017  
BEARING**

**641-051  
RETAINER**

**641-011  
RETAINER**

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RETAINER**

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**641-051  
RETAINER**

**641-051  
RETAINER**

Consists of:

- 051-036 VARI. BELT
- 051-047 TIMING BELT
- 641-051 RETAINER
- 4900-80 C'SHAFT BRKT. ASSEM.
- 5905-115 C'SHAFT SPINDLE ASSEM.
- 641-112 RETAINER

**5905-116  
C'SHAFT ASSEMBLY  
W/O CLUTCH**

**4900-80  
C'SHAFT BRACKET  
ASSEMBLY**

**3/8-16 HEX.  
FULL NUT  
(4 req. d.)**

**3/8 INT. S.P.  
WASHER  
(4 req. d.)**

**048-052  
BAR  
(2 req. d.)**

**698-098  
STUD  
(w req. d.)**

**698-098  
STUD  
(w req. d.)**

**3/16 x 1"  
ROLL PIN  
(2 req. d.)**

**382-060  
DRIVER HUB**

**442-053  
DRIVER KEY**

**701-052  
C'SHAFT  
SPINDLE**

**442-046  
PULLEY  
KEY**

**051-047  
TIMING BELT**

**044-017  
BEARING**

**641-011  
RETAINER**

**699-142  
SPACER**

**699-146  
SPACER**

**5900-40  
C'SHAFT PULLEY ASSY.**

**5900-136  
C'SHAFT VARI. PULLEY ASSEM.**

**300-002  
PULLEY FAN**

**641-116  
SPRING  
RETAINER**

**641-086  
RETAINER**

**697-038  
PULLEY SPRING**

**051-036  
VARI. BELT**

**IMPORTANT**  
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THIS PAGE ARE FOR LATHES  
SERIAL NUMBERS FROM  
505856 TO**

# COUNTERSHAFT W/CLUTCH AND BRAKE

## 5900-1005

### 7166 CLUTCH KICKOUT ASSEMBLY

Consists of:

- 041-290 KICKOUT BRACKET
- 556-212 CLAMP PLATE
- 696-101 SCREW

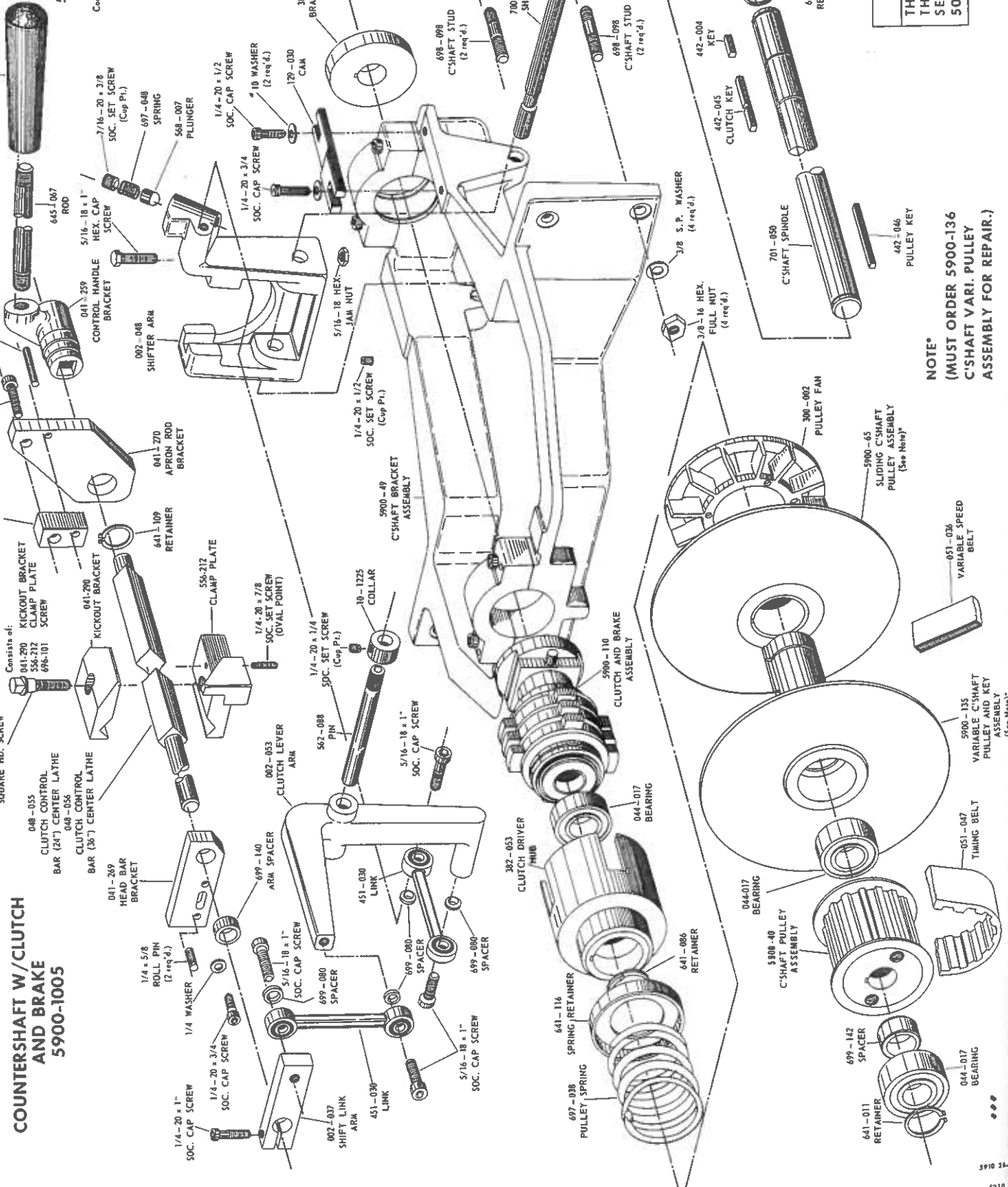
- 048-055 CLUTCH CONTROL BAR (2 1/2") CENTER LATHE
- 048-056 CLUTCH CONTROL BAR (3") CENTER LATHE
- 041-289 HEAD BAR BRACKET
- 041-299 APRON ROD BRACKET
- 699-141 SPACER
- 699-142 SPACER
- 699-143 SPACER
- 699-144 SPACER
- 699-145 SPACER
- 699-146 SPACER
- 699-147 SPACER
- 699-148 SPACER
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- 699-196 SPACER
- 699-197 SPACER
- 699-198 SPACER
- 699-199 SPACER
- 699-200 SPACER

- 041-299 CONTROL HANDLE BRACKET
- 002-008 SHIFTER ARM
- 041-270 APRON ROD BRACKET
- 556-212 CLAMP PLATE
- 641-109 RETAINER
- 1/4-20 x 7/8 SOC. SET SCREW (OVAL POINT)
- 1/4-20 x 1/2 SOC. SET SCREW (Cup Pt.)
- 10-1225 COLLAR
- 1/4-20 x 1/4 SOC. SET SCREW (Cup Pt.)
- 562-088 PIN
- 5/16-18 x 1" SOC. CAP SCREW
- 041-299 CONTROL HANDLE BRACKET
- 002-008 SHIFTER ARM
- 041-270 APRON ROD BRACKET
- 556-212 CLAMP PLATE
- 641-109 RETAINER
- 1/4-20 x 7/8 SOC. SET SCREW (OVAL POINT)
- 1/4-20 x 1/2 SOC. SET SCREW (Cup Pt.)
- 10-1225 COLLAR
- 1/4-20 x 1/4 SOC. SET SCREW (Cup Pt.)
- 562-088 PIN
- 5/16-18 x 1" SOC. CAP SCREW

### 5900-47 CLUTCH C'SHAFT SPINDLE ASSEMBLY

Consists of:

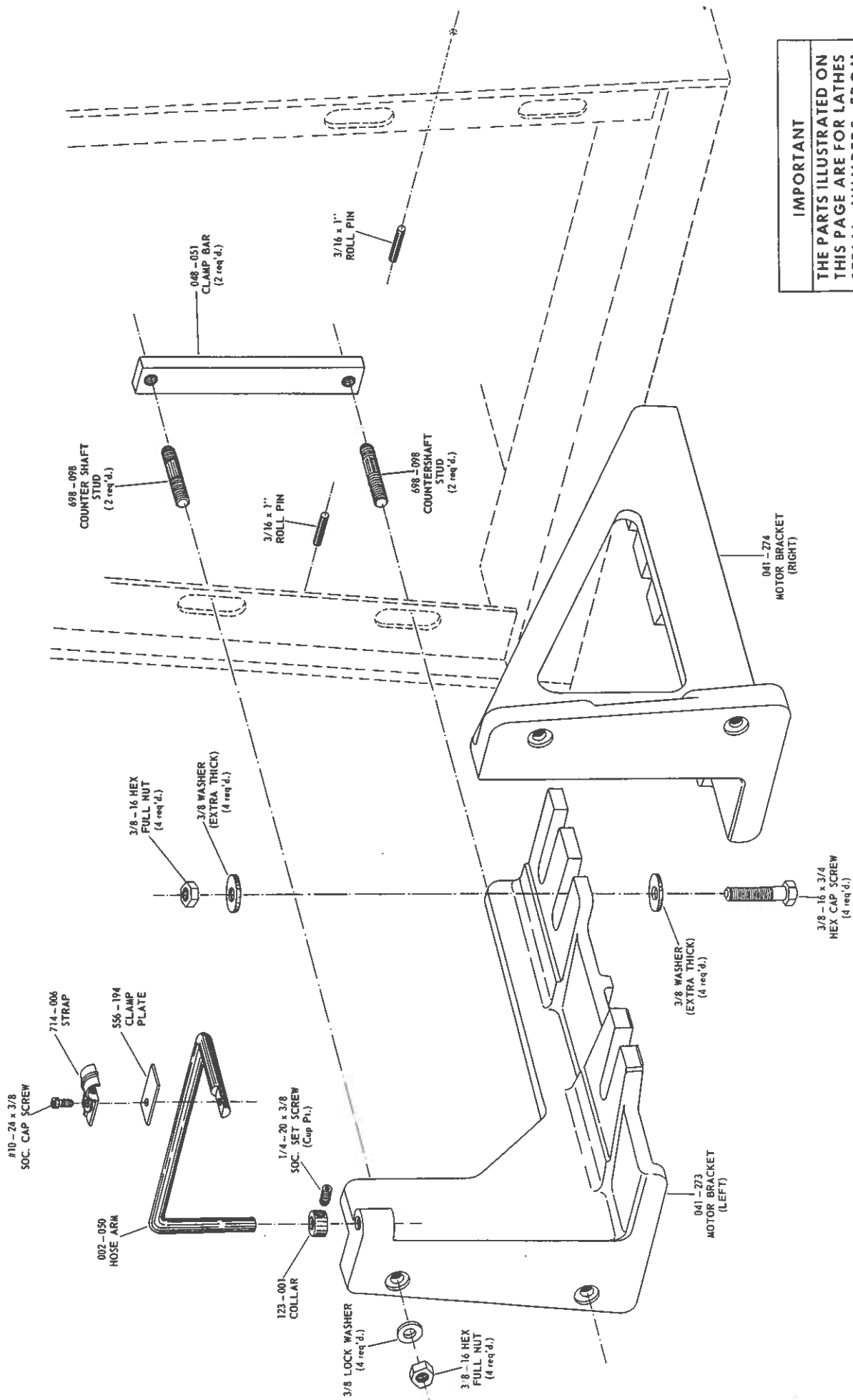
- 044-017 BEARING (4)
- 295-105 ZERK FITTING
- 382-052 HUB
- 442-004 KEY
- 442-005 KEY
- 442-006 KEY
- 641-011 RETAINER (4)
- 699-142 SPACER
- 701-050 C'SHAFT SPINDLE PULLEY ASSY.
- 5900-40 C'SHAFT PULLEY ASSEMBLY
- 300-002 FAN
- 641-086 RETAINER
- 699-138 RETAINER
- 5900-45 SLIDING PULLEY ASSY.
- 5900-135 PULLEY ASSEMBLY
- 5900-136 C'SHAFT VARI. PULLEY ASSEMBLY



**IMPORTANT**  
THE PARTS ILLUSTRATED ON THIS PAGE ARE FOR LATHES SERIAL NUMBERS FROM 505856 TO

**NOTE\***  
(MUST ORDER 5900-136 C'SHAFT VARI. PULLEY ASSEMBLY FOR REPAIR.)

# MOTOR BASE ASSEMBLY



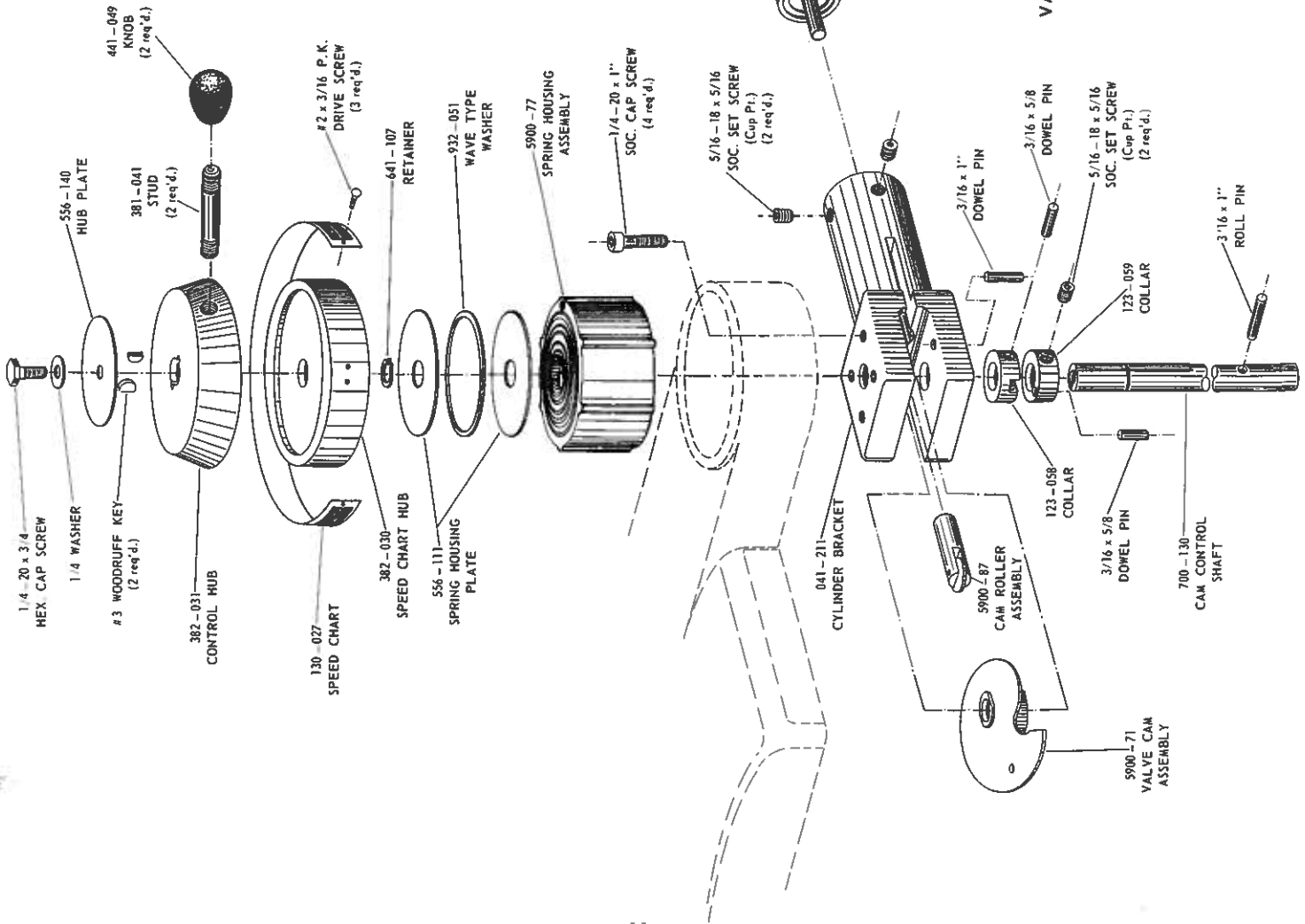
**IMPORTANT**  
 THE PARTS ILLUSTRATED ON  
 THIS PAGE ARE FOR LATHES  
 SERIAL NUMBERS FROM  
 502100 TO \_\_\_\_\_

# VARIABLE SPEED CONTROL

## 5900-76 SPEED CHART HUB ASSEMBLY

Consists of:

- 130-027 CHART HUB
- 382-030 #2 x 3/16 P.K. DRIVE SCREW (3)



## 5900-72 VALVE CAM AND BRACKET ASSEMBLY

Consists of:

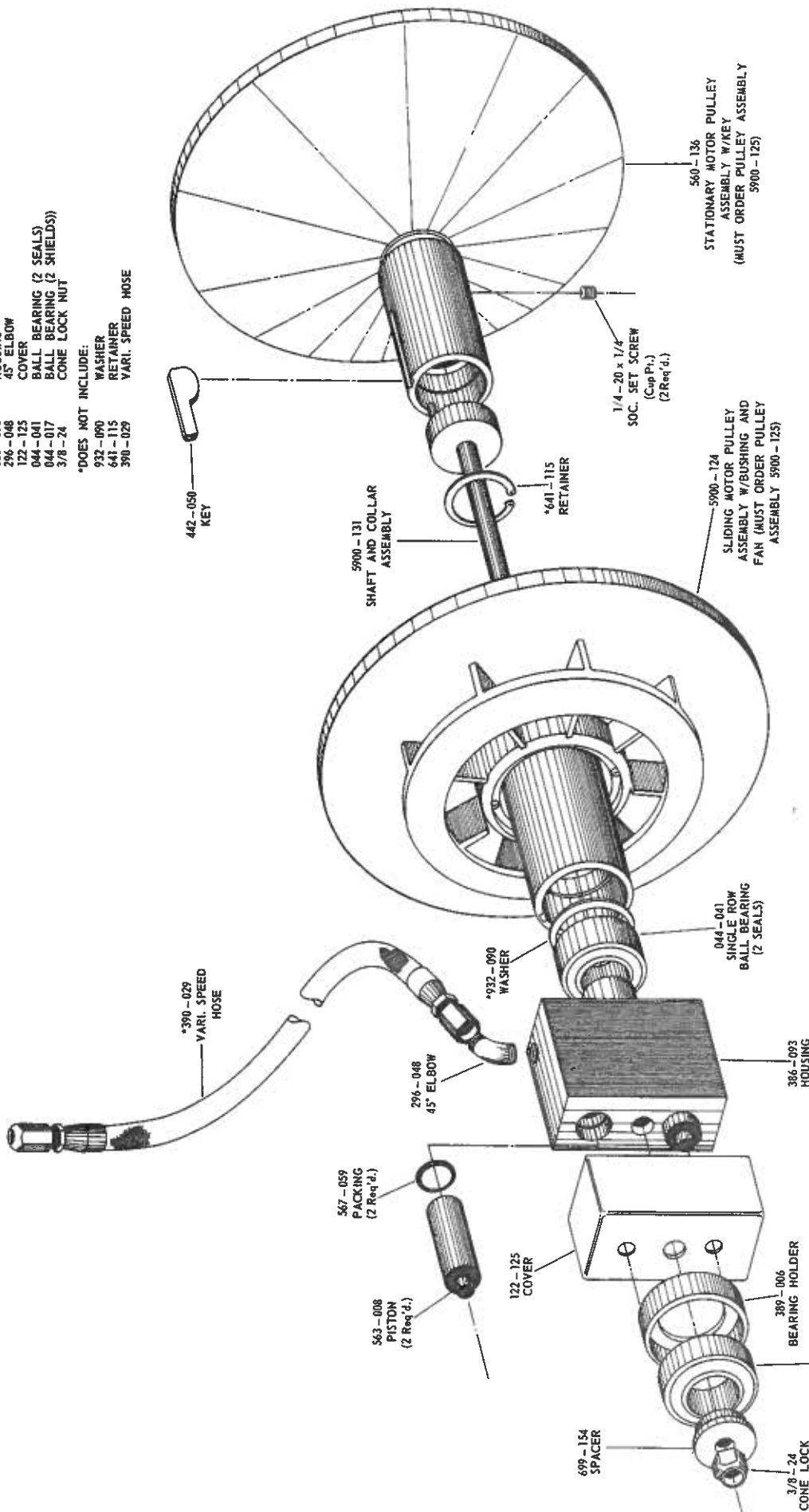
- 041-211 BRACKET
- 123-058 COLLAR
- 123-059 COLLAR
- 5900-71 CAM ASSEMBLY
- 700-130 SHAFT
- 3/16 x 5/8 DOWEL PIN (2)
- 3/16 x 1" DOWEL PIN
- 5900-87 CAM ROLLER ASSEMBLY
- 5/16-18 x 5/16 SOC. SET SCREW (4)
- 3/16 x 1" ROLL PIN

**IMPORTANT**  
THE PARTS ILLUSTRATED ON THIS PAGE ARE FOR LATHES SERIAL NUMBERS FROM 502100 TO \_\_\_\_\_

**VARIABLE SPEED MOTOR PULLEY ASSEMBLY 5900-1002**

**5900-132 CYLINDER AND SHAFT ASSEMBLY**

- Consists of:
- 5900-131 SHAFT AND COLLAR ASSEMBLY
  - 699-154 SPACER
  - 567-059 PACKING (2)
  - 563-008 PISTON (2)
  - 389-006 BEARING HOLDER
  - 386-093 HOUSING
  - 296-048 45° ELBOW
  - 122-125 COVER
  - 044-041 BALL BEARING (2 SEALS)
  - 044-017 BALL BEARING (2 SHIELDS)
  - 3/8-24 CONE LOCK NUT
- \*DOES NOT INCLUDE:
- 932-090 WASHER
  - 641-115 RETAINER
  - 390-029 VARI. SPEED HOSE



**5900-125 MOTOR VARI. PULLEY ASSEMBLY**

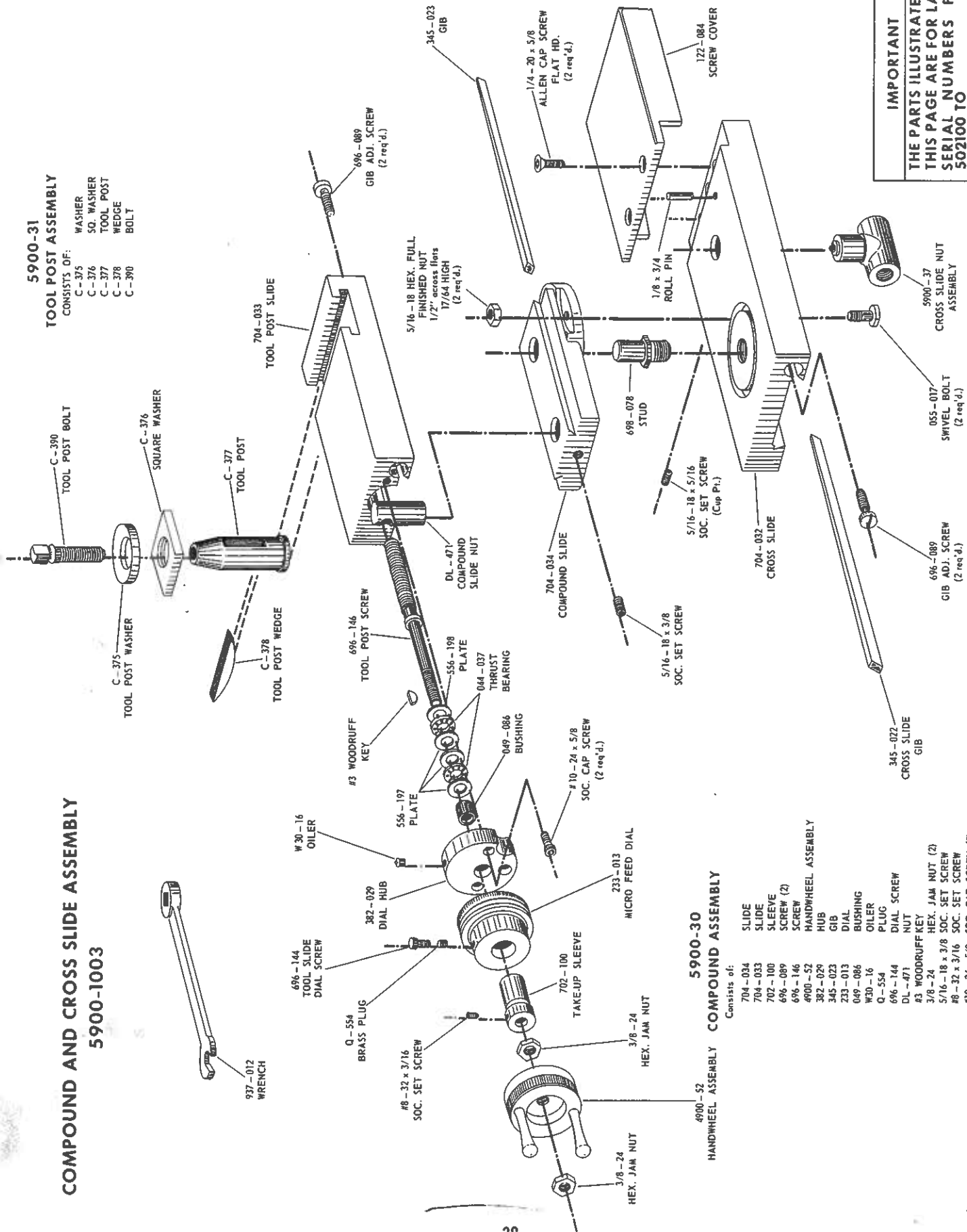
- Consists of:
- 442-050 KEY ASSEMBLY
  - 560-136 STATIONARY MOTOR PULLEY ASSEMBLY
  - 5900-124 SLIDING MOTOR PULLEY ASSEMBLY
  - 1/4-20 x 1/4 SOC. SET SCREW (2)

**IMPORTANT**  
 THE PARTS ILLUSTRATED ON THIS PAGE ARE FOR LATHES SERIAL NUMBERS FROM 505856 TO

# COMPOUND AND CROSS SLIDE ASSEMBLY 5900-1003

## 5900-31 TOOL POST ASSEMBLY

- CONSISTS OF:  
 C-375 WASHER  
 C-376 SQ. WASHER  
 C-377 TOOL POST  
 C-378 WEDGE  
 C-390 BOLT



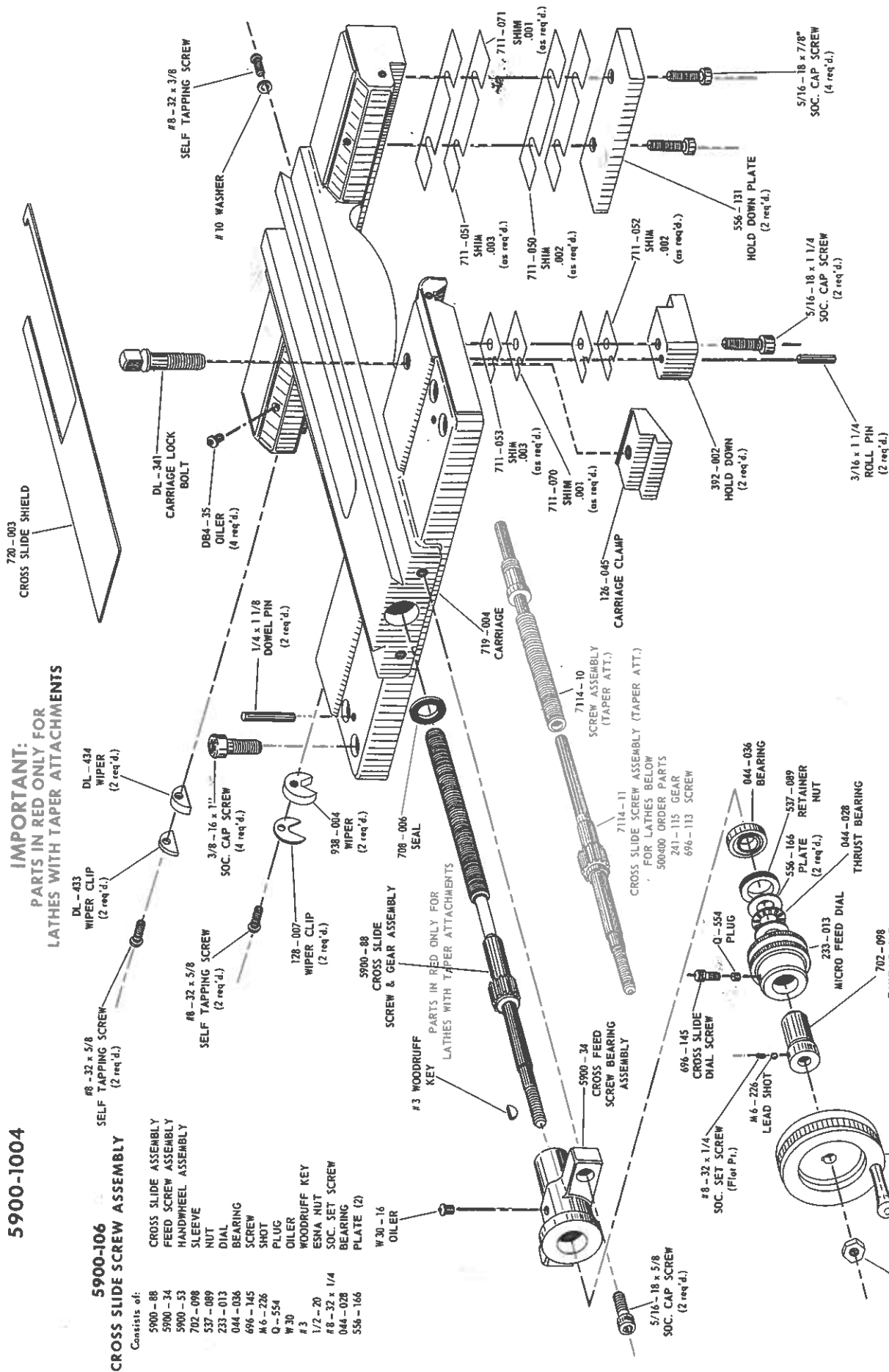
## 5900-30 HANDWHEEL ASSEMBLY COMPOUND ASSEMBLY

- Consists of:
- 704-034 SLIDE
  - 704-033 SLEEVE
  - 702-100 SCREW (2)
  - 696-089 SCREW (2)
  - 4900-52 HANDWHEEL ASSEMBLY
  - 382-029 HUB
  - 345-023 GIB
  - 233-013 DIAL
  - 049-086 BUSHING
  - W30-16 OILER
  - Q-554 PLUG
  - 696-144 DIAL SCREW
  - DL-471 NUT
  - #3 WOODRUFF KEY
  - 3/8-24 HEX. JAM NUT (2)
  - 5/16-18 x 3/8 SOC. SET SCREW
  - #8-32 x 3/16 SOC. SET SCREW (2)
  - 044-037 PLATE (3)
  - 556-197 BEARING (2)
  - 556-198 PLATE

**IMPORTANT**  
 THE PARTS ILLUSTRATED ON  
 THIS PAGE ARE FOR LATHES  
 SERIAL NUMBERS FROM  
 502100 TO

# CARRIAGE SADDLE ASSEMBLY 5900-1004

**IMPORTANT:**  
PARTS IN RED ONLY FOR  
LATHES WITH TAPER ATTACHMENTS



## 5900-106 CROSS SLIDE SCREW ASSEMBLY

Consists of:

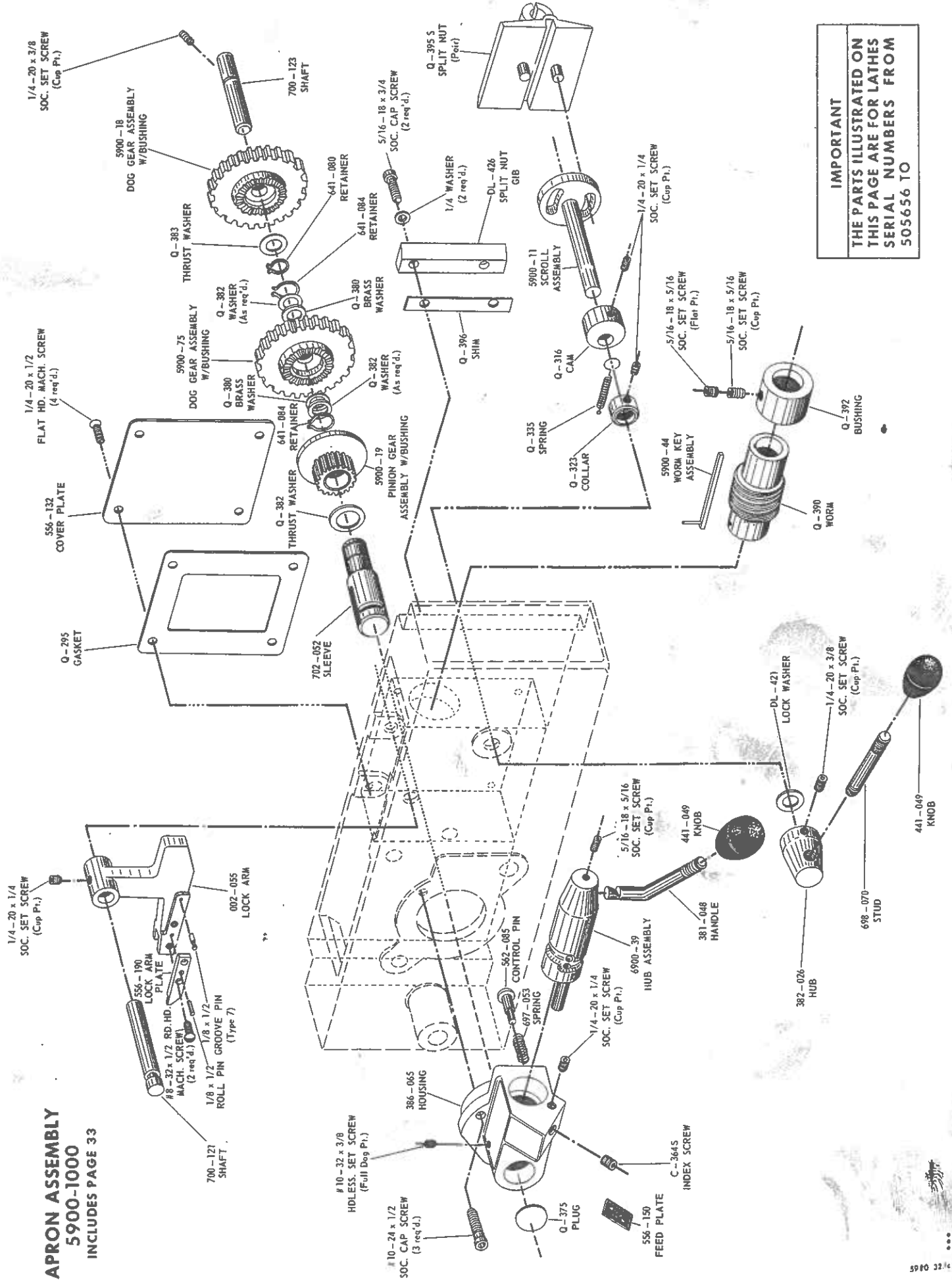
- 5900-88 CROSS SLIDE ASSEMBLY
- 5900-34 FEED SCREW ASSEMBLY
- 5900-53 HANDWHEEL ASSEMBLY
- 702-098 SLEEVE
- 537-089 NUT
- 233-013 DIAL
- 044-036 BEARING
- 696-145 SCREW
- M6-226 SHOT
- O-554 PLUG
- W30 OILER
- WOODRUFF KEY #3
- 1/2-20 ESNA NUT
- #8-32 x 1/4 SOC. SET SCREW
- 044-028 BEARING
- 556-166 PLATE (2)
- W30-16 OILER

PARTS IN RED ONLY FOR  
LATHES WITH TAPER ATTACHMENTS

CROSS SLIDE SCREW ASSEMBLY (TAPER ATT.)  
FOR LATHES BELOW  
500400 ORDER PARTS  
241-115 GEAR  
696-113 SCREW

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SERIAL NUMBERS FROM  
502100 TO

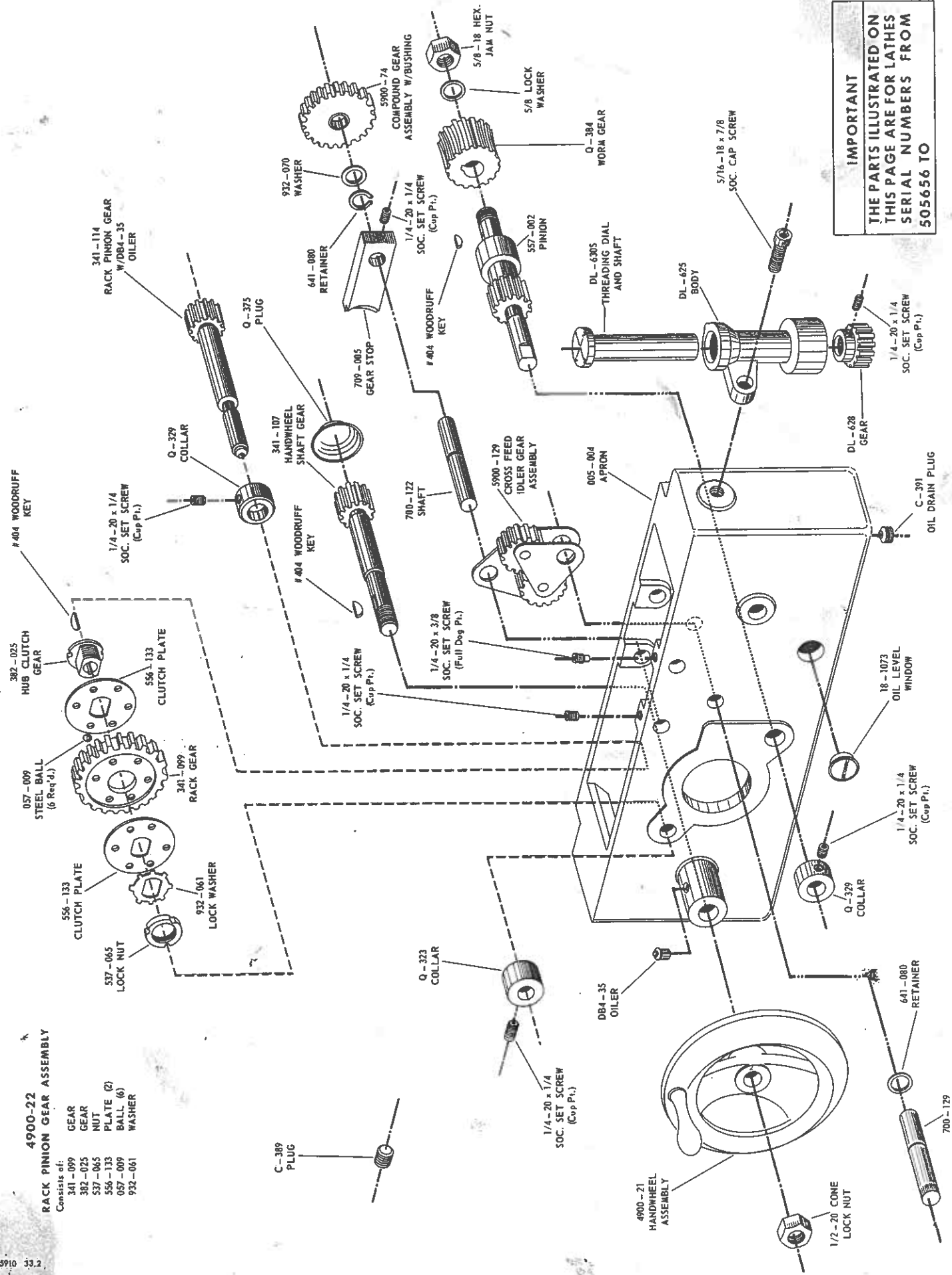




**IMPORTANT**  
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 THIS PAGE ARE FOR LATHES  
 SERIAL NUMBERS FROM  
 505656 TO

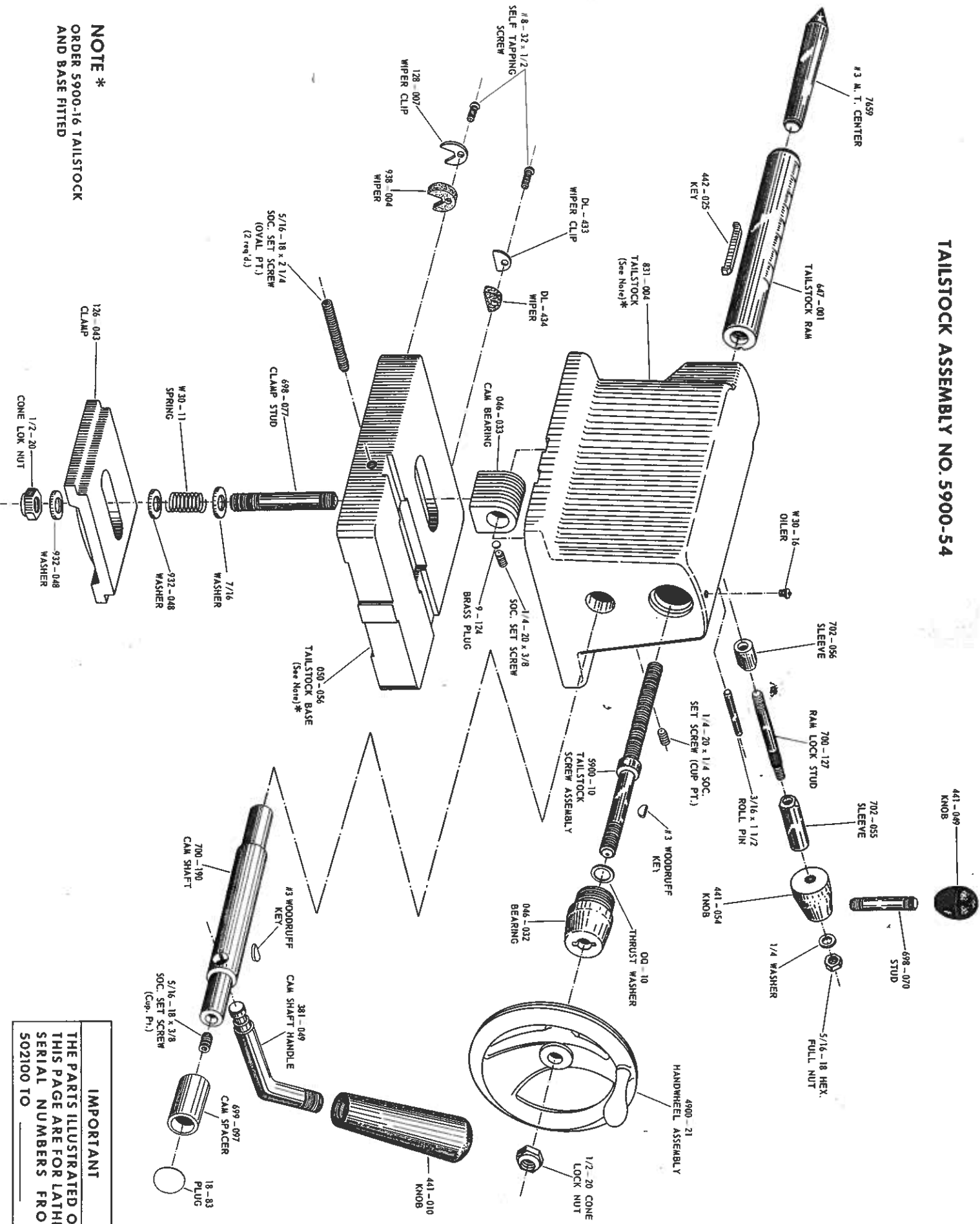
**APRON ASSEMBLY**  
**5900-1000**  
 INCLUDES PAGE 33

IMPORTANT  
THE PARTS ILLUSTRATED ON  
THIS PAGE ARE FOR LATHES  
SERIAL NUMBERS FROM  
505656 TO



- 4900-22**  
RACK PINION GEAR ASSEMBLY
- Consists of:
- 341-099 GEAR
  - 382-025 GEAR
  - 537-065 NUT
  - 556-133 PLATE (2)
  - 057-009 BALL (6)
  - 932-061 WASHER

TAILSTOCK ASSEMBLY NO. 5900-54



34.1

**NOTE \***  
ORDER 5900-16 TAILSTOCK  
AND BASE FITTED

**IMPORTANT**  
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SERIAL NUMBERS FROM  
502100 TO \_\_\_\_\_