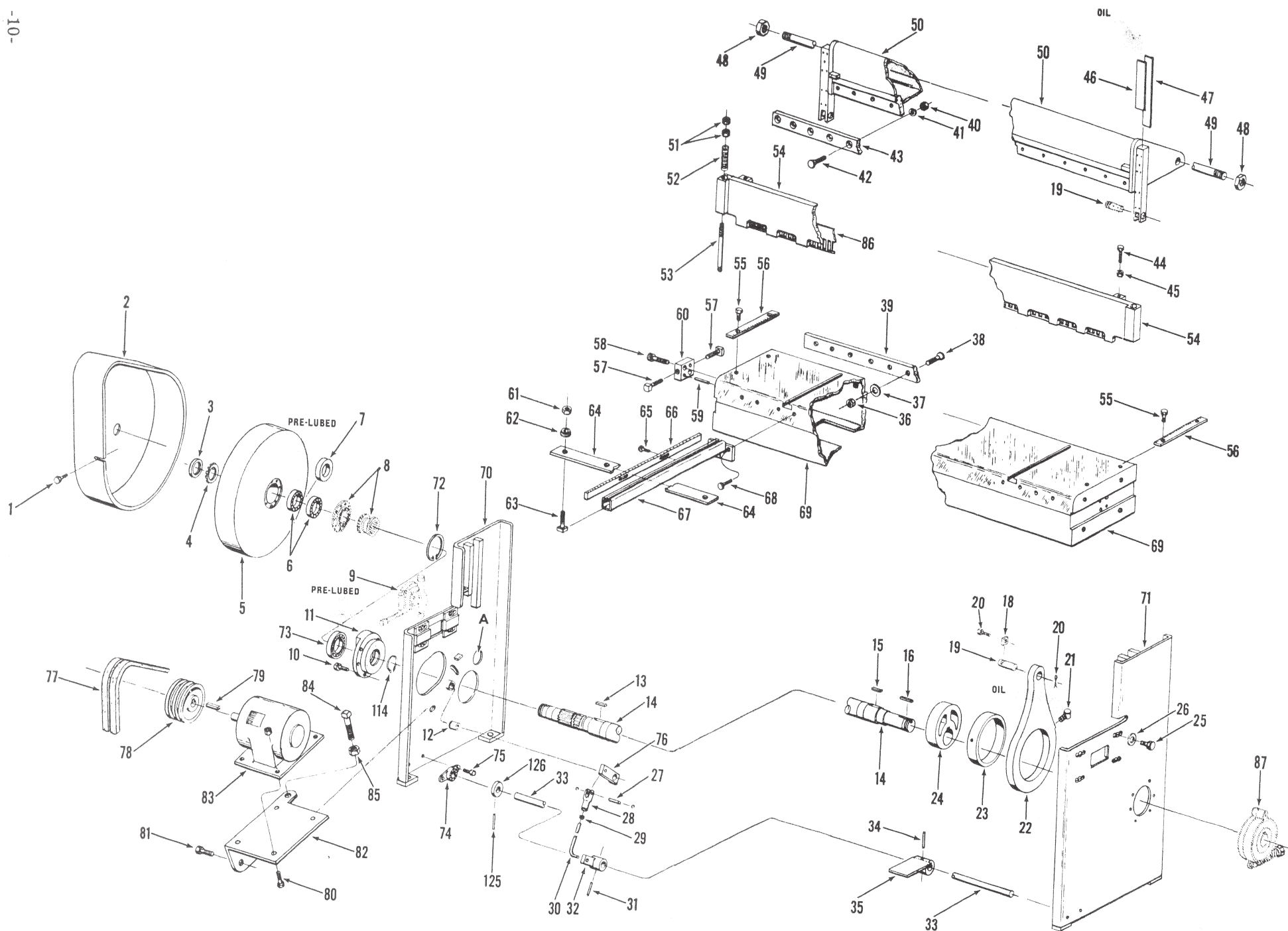


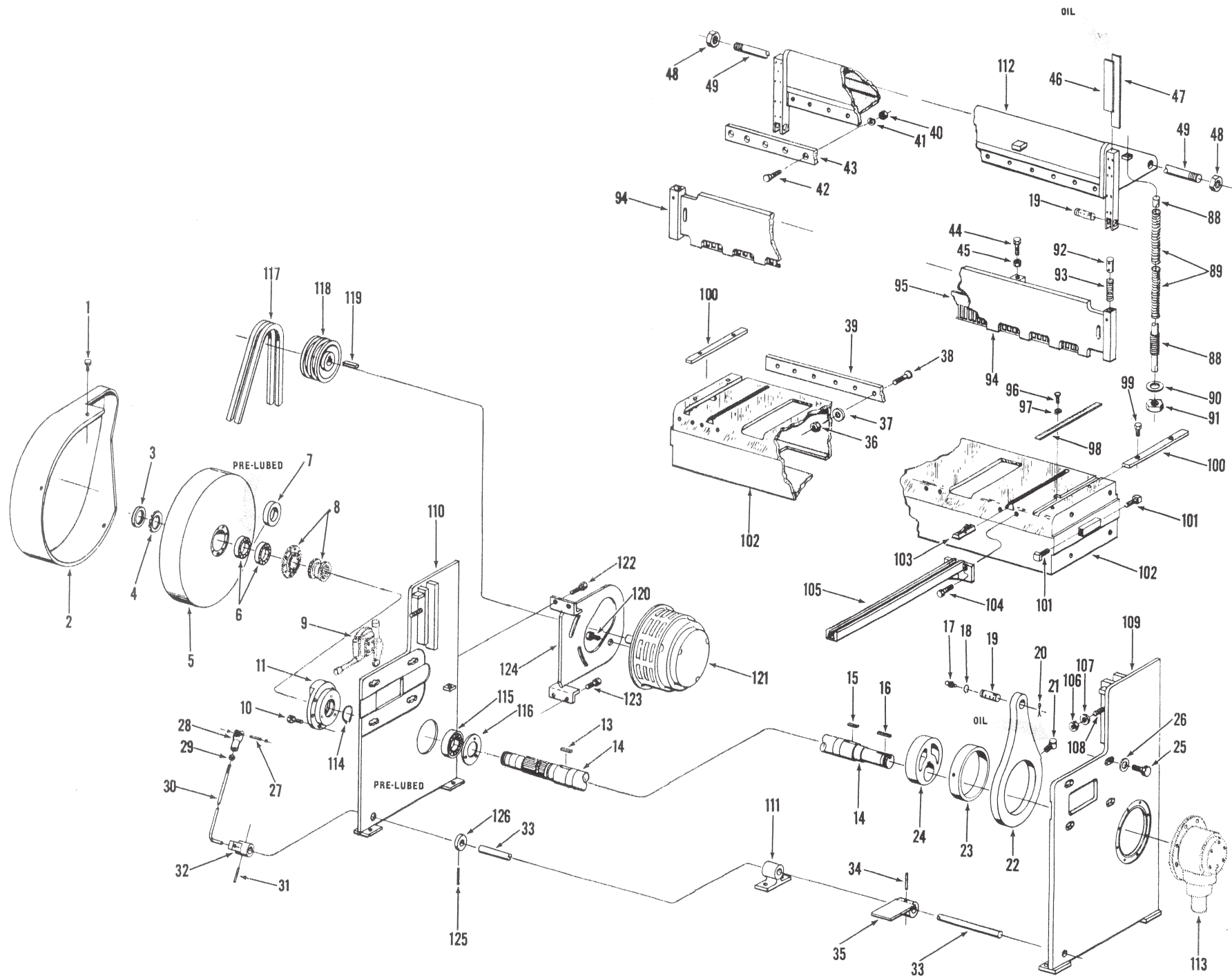


SINCE THE REFERENCE OR CALL OUT NUMBERS ON THE FOLLOWING PARTS LIST ARE DUPLICATED ON OTHER PARTS LISTS, SPECIFY PART REQUIRED BY GIVING REFERENCE NUMBER AND FULL NAME FOLLOWED BY FORM AND PAGE NUMBER.

BASIC MACHINE MODELS TP3 - TP4

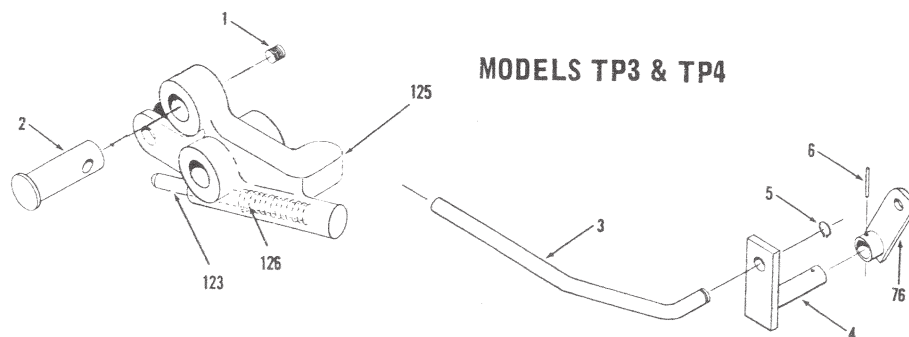
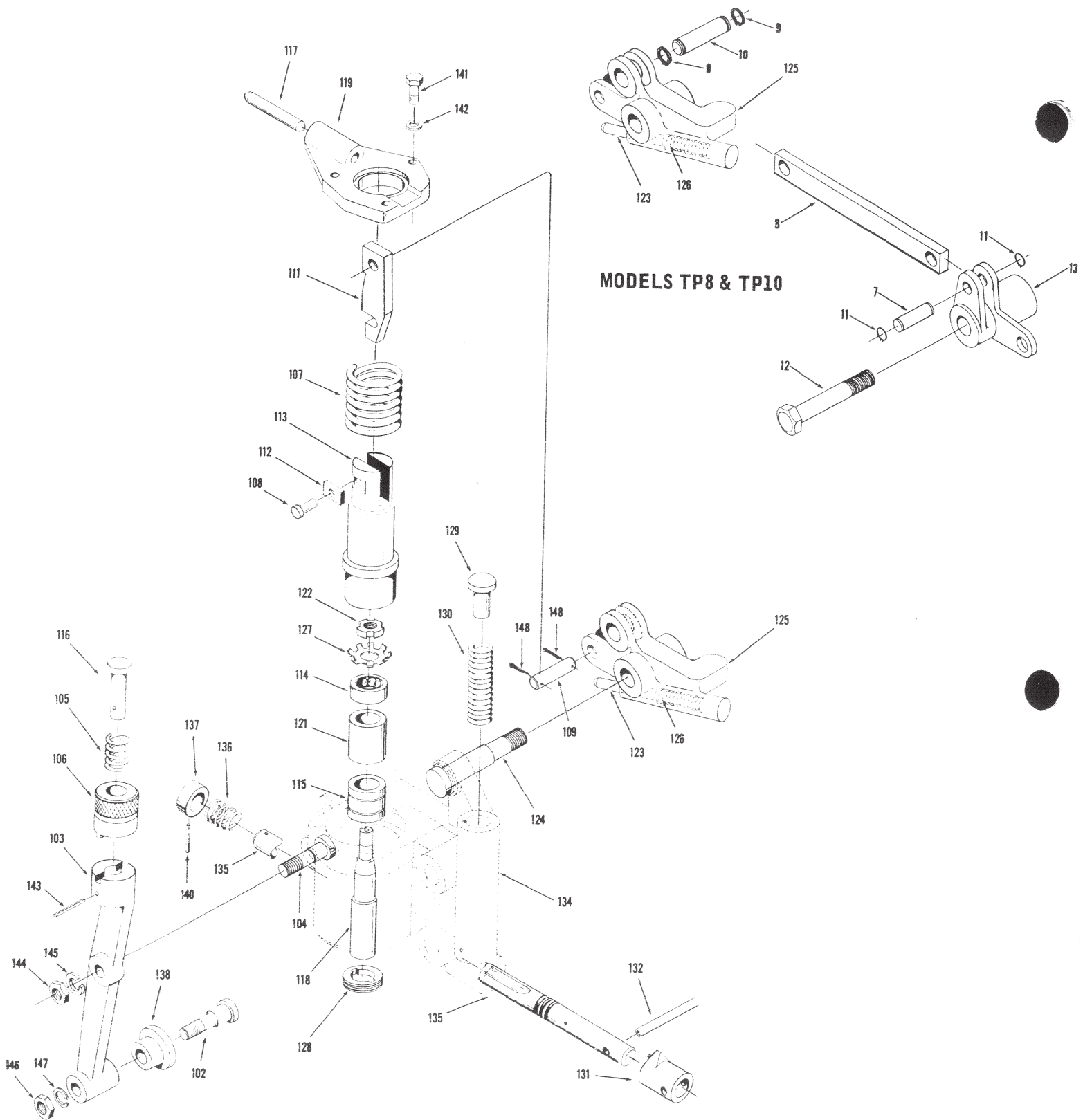
1. Flywheel Guard Mounting Screw
2. Flywheel Guard
3. Flywheel Retainer Nut
4. Lockwasher
5. Flywheel
6. Flywheel Bearings (Specify Inner or Outer)
7. Flywheel Bearing Spacer
8. Clutch Assembly (See Parts List page 22)
9. Latch Bracket Assembly (See Parts List Page 14)
10. Mounting Screw
11. L.H. Bearing Housing
12. Bushing
13. L.H. Eccentric Key
14. Drive Shaft
15. R.H. Eccentric Key
16. Brake Collar Key
18. Pin Keeper
19. Connection Pin
20. Pin Keeper Screw
21. Oil Cup
22. Connection
23. Eccentric Connection Bushing
24. Eccentric
25. Bed Mounting Screw
26. Washer
27. Treadle Yoke Pin
28. Treadle Yoke
29. Jam Nut
30. Treadle Connection
31. Roll Pin
32. Lower Treadle Lever
33. Treadle Shaft
34. Roll Pin
35. Treadle
36. Lower Knife Nut
37. Lower Knife Washer
38. Lower Knife Plow Bolt
39. Lower Knife
40. Upper Knife Nut
41. Upper Knife Washer
42. Upper Knife Plow Bolt
43. Upper Knife
44. Holddown Adjusting Screw
45. Jam Nut
46. Front Gib Liner
47. Rear Gib Liner
48. Brace Rod Nut
49. Brace Rod
50. Crosshead
51. Holddown Spring Adjusting Nuts
52. Holddown Spring
53. Holddown Spring Pin
54. Holddown
55. Side Gage Mounting Screw
56. Side Gage (Specify R.H. or L.H.)
57. Bed Adjusting Screw
58. Adjusting Lug Mounting Screw
59. Roll Pin
60. Adjusting Lug (Specify R.H. or L.H.)
61. Front Gage Fastening Nut
62. Gage Washer
63. Front Gage Mounting Screw
64. Front Gage
65. Scale Mounting Screw (Optional)
66. Front Bracket Scale (Optional)
67. Front Bracket
68. Front Bracket Mounting Screw
69. Bed
70. L.H. Leg
71. R.H. Leg
72. L.H. Bearing Retainer Ring
73. L.H. Bearing
74. Treadle Shaft Pillow Block
75. Pillow Block Mounting Screw
76. Bell Crank Collar
77. "V" Belts
78. Motor Sheave
79. Motor Key
80. Motor Mounting Screw
81. Motor Plate Mounting Screw
82. Motor Plate
83. Drive Motor
84. Motor Adjusting Screw
85. Lock Nut
86. Knife Guard
87. Brake Assembly (See Parts List Page 22)

NOTE: Hole "A" for turning Continuous Stroke Selector.



1. Flywheel Guard Mounting Screw
2. Flywheel Guard
3. Flywheel Retainer Nut
4. Lockwasher
5. Flywheel
6. Flywheel Bearings (Specify Inner or Outer)
7. Flywheel Bearing Spacer
8. Clutch Assembly (See Parts List Page 22)
9. Latch Bracket Assembly (See Parts List Page 14)
10. Mounting Screw
11. L.H. Bearing Housing
13. L.H. Eccentric Key
14. Drive Shaft
15. R.H. Eccentric Key
16. Detent Key
17. Grease Fitting
18. Retainer Ring
19. Connection Pin
20. Cotter Pin
21. Oil Cup
22. Connection
23. Eccentric Connection Bushing
24. Eccentric
25. Bed Mounting Screw
26. Washer
27. Treadle Yoke Pin
28. Treadle Yoke
29. Jam Nut
30. Treadle Connection
31. Roll Pin
32. Lower Treadle Lever
33. Treadle Shaft
34. Roll Pin
35. Treadle
36. Lower Knife Nut
37. Lower Knife Washer
38. Lower Knife Plow Bolt
39. Lower Knife
40. Upper Knife Nut
41. Upper Knife Washer
42. Upper Knife Plow Bolt
43. Upper Knife
44. Holddown Adjusting Screw

45. Jam Nut
46. Front Gib Liner
47. Rear Gib Liner
48. Brace Rod Nut
49. Brace Rod
88. Counterbalance Spring Rod
89. Counterbalance Spring
90. Counterbalance Washer
91. Counterbalance Adjusting Nut
92. Holddown Spring Pin
93. Holddown Spring
94. Holddown
95. Knife Guard
96. Scale Fastening Screw
97. Scale Washer
98. Scale
99. Side Gage Mounting Screw
100. Side Gage
101. Bed Adjusting Screw
102. Bed
103. Disappearing Stop
104. Front Gage Mounting Screw
105. Front Gage
106. Holddown Clamping Nut
107. Holddown Clamping Washer
108. Holddown Clamping Stud
109. R.H. Leg
110. L.H. Leg
111. Treadle Shaft Bearing
112. Crosshead
113. Detent Assembly (See Parts List Page 22)
114. L.H. Bearing Retainer Ring
115. L.H. Bearing
116. L.H. Bearing Retainer
117. "V" Belts
118. Motor Sheave
119. Motor Key
120. Motor Mounting Screw
121. Main Motor
122. Motor Bracket Mounting Screw
123. Motor Bracket Mounting Screw
124. Drive Motor Bracket
125. Roll Pin
126. Treadle Shaft Collar



LATCH BRACKET ASSEMBLY

All Models

- 102. Cam Roller Shaft
- 103. Cam Lever
- 104. Cam Lever Pin
- 105. Selector Knob Spring
- 106. Selector Knob
- 107. Throwout Spring
- 108. Throwout Pin
- 109. Latch Pin
- 111. Latch
- 112. Throwout Key
- 113. Throwout
- 114. Throwout Ball Bearing
- 115. Throwout Needle Bearing
- 116. Selector Knob Pin
- 117. Sliding Pin
- 118. Throwout Shaft
- 119. Throwout Housing Cover
- 121. Spacing Collar
- 122. Lock Nut
- 123. Latch Spring Pin
- 124. Bell Crank Pin
- 125. Bell Crank
- 126. Latch Spring
- 127. Lock Washer
- 128. Throwout Shaft Collar
- 129. Treadle Spring Plunger
- 130. Treadle Spring
- 131. Locking Bar Indicator
- 132. Locking Bar Pin
- 134. Throwout Housing
- 135. Locking Bar

- 136. Locking Bar Spring
- 137. Locking Bar End Collar
- 138. Cam Roller
- 140. End Collar Roll Pin
- 141. Housing Cover Fastening Screw
- 142. Washer
- 143. Cam Lever Roll Pin
- 144. Cam Lever Pin Nut
- 145. Lockwasher
- 146. Cam Roller Shaft Nut
- 147. Lockwasher
- 148. Latch Pin Cotter Pins

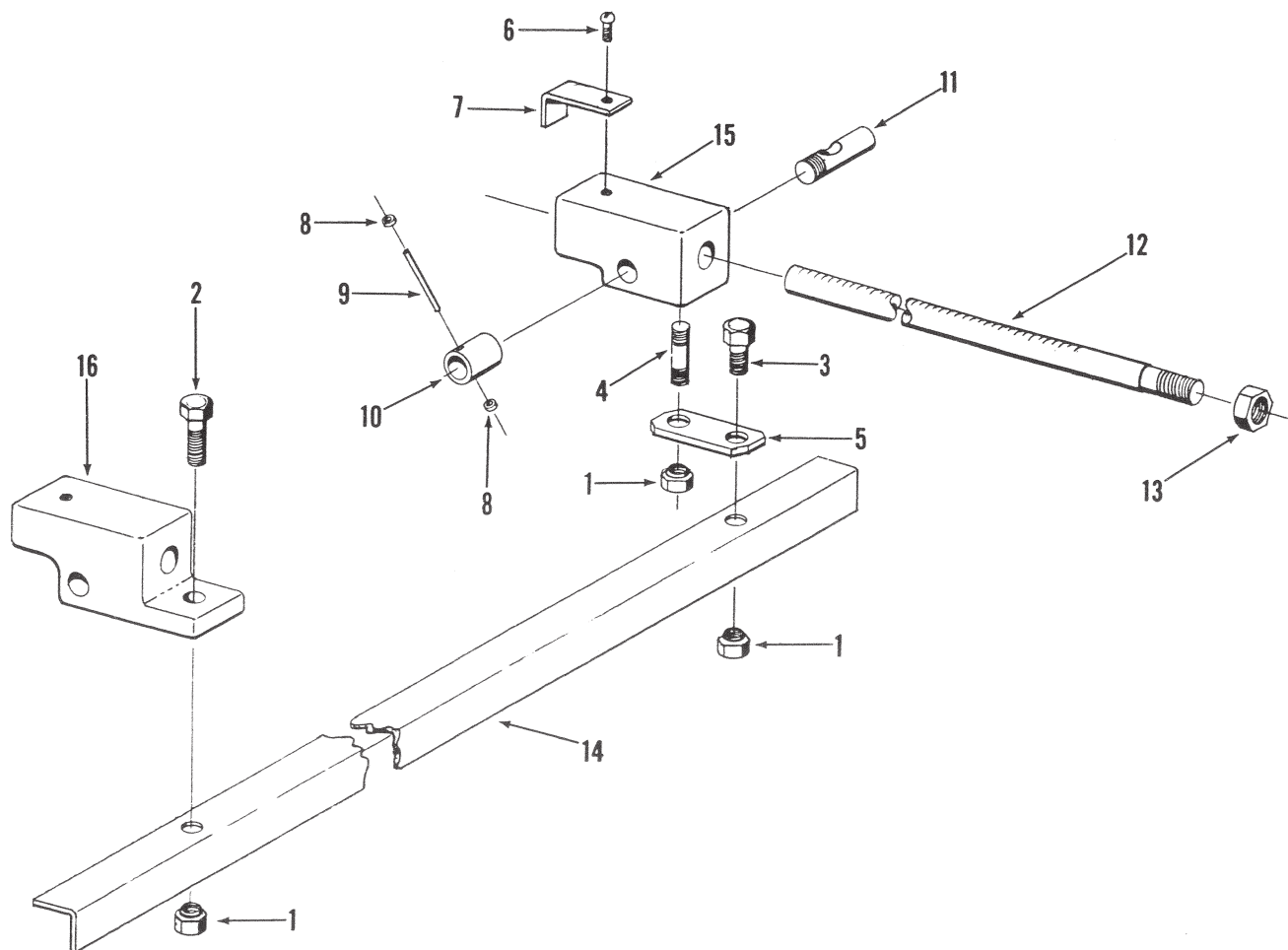
Models TP3 & TP4

- 1. Set Screw
- 2. Treadle Rod Pin
- 3. Upper Treadle Rod
- 4. Bell Crank Pin
- 5. Retainer Ring
- 6. Roll Pin
- 76. Bell Crank Collar (Shown on page 10)

Models TP8 & TP10

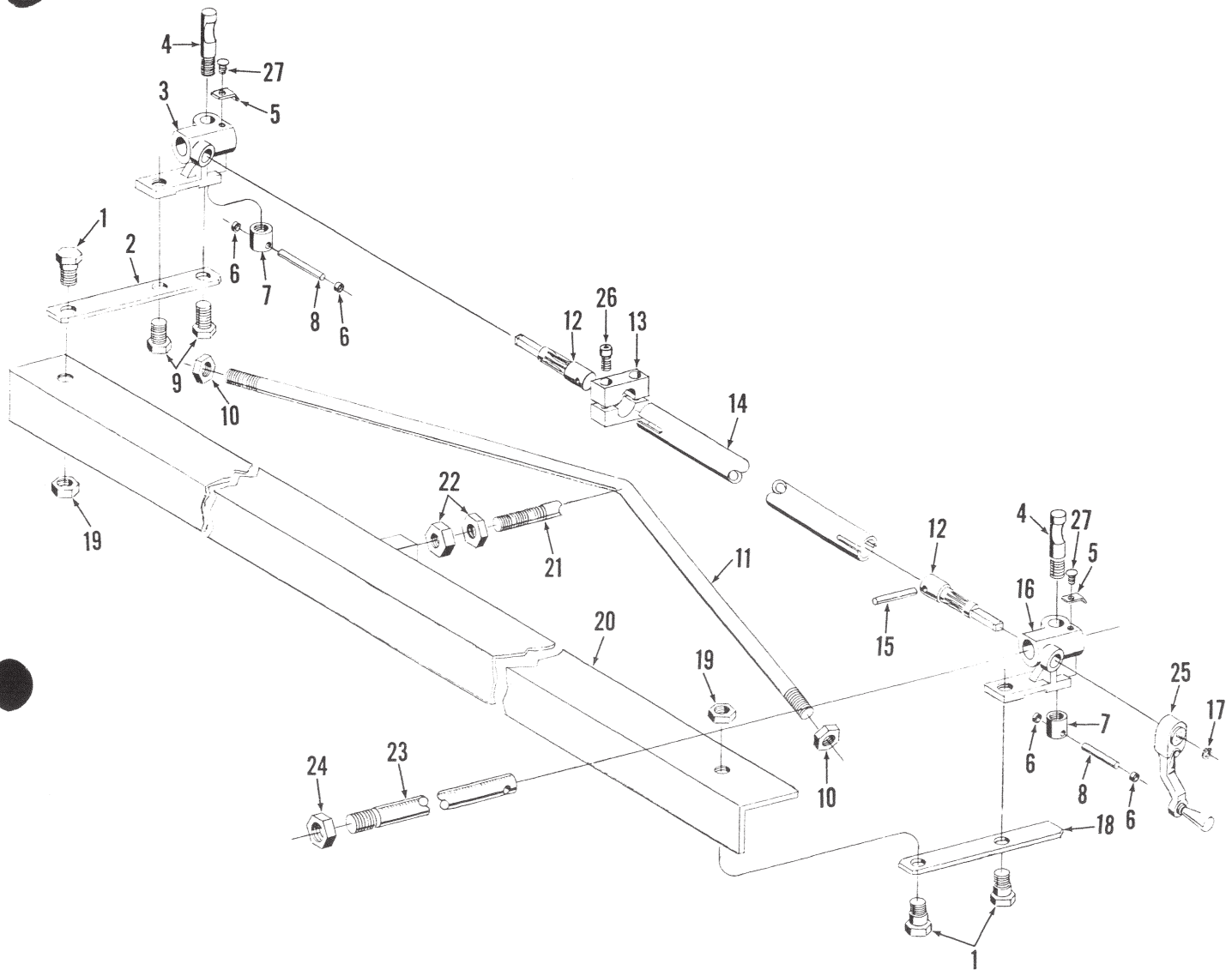
- 7. Treadle Lever Pin
- 8. Treadle Link
- 9. Retainer Ring
- 10. Link Pin
- 11. Retainer Ring
- 12. Pivot Screw
- 13. Treadle Lever

QUICK SETTING BACK GAGE (Standard Model TP3)

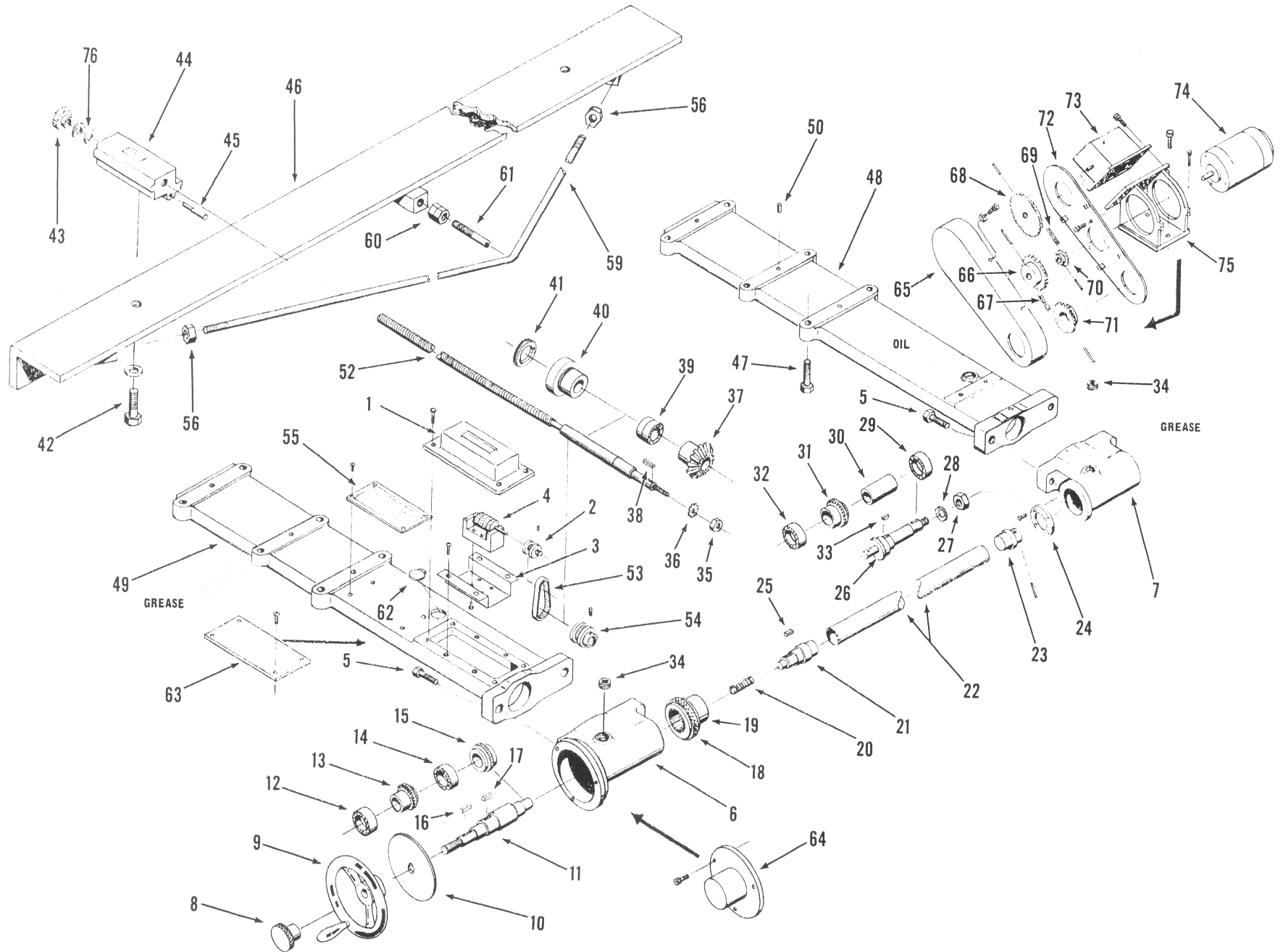


1. Locknuts
2. Capscrew
3. Capscrew
4. Stud
5. Link
6. Screw
7. Pointer
8. Knobs
9. Pin Handles
10. Clamping Nut
11. Clamping Bolts
12. Back Gage Rod
13. Jam Nut
14. Back Gage
15. R.H. Sleeve
16. L.H. Sleeve

RACK & PINION BACK GAGE (Standard Model TP4)



- | | |
|----------------------|-------------------------|
| 1. Shoulder Bolt | 14. Connecting Shaft |
| 2. L.H. Support Link | 15. Roll Pin |
| 3. L.H. Sleeve | 16. R.H. Sleeve |
| 4. Clamping Bolt | 17. Snap Ring |
| 5. Pointer | 18. R.H. Support Link |
| 6. Knob | 19. Nut |
| 7. Clamping Nut | 20. Back Gage Bar |
| 8. Pin Handles | 21. Brace Rod Bolt |
| 9. Hex Head Capscrew | 22. Jam Nut |
| 10. Jam Nut | 23. Back Gage Rod |
| 11. Brake Rod | 24. Jam Nut |
| 12. Pinion Shaft | 25. Ratchet Wrench |
| 13. Clamp | 26. Socket Hd. Setscrew |
| | 27. Setscrew |



Common Parts

5. Gear Case Mounting Screws
6. R.H. Gear Case
7. L.H. Gear Case
11. Shaft - R.H. Gear Case
12. R.H. Bearing - R.H. Shaft
13. R.H. Gear Case Bevel Gear
14. L.H. Bearing - R.H. Shaft
15. Coupling Gear
16. Key
17. Key
18. Coupling Sleeve Scale
19. Coupling Sleeve
20. Spring
21. R.H. Trunnion - Connection Shaft
22. Connection Shaft
23. L.H. Trunnion - Connection Shaft
24. L.H. Gear Case Ring
25. Key
26. L.H. Gear Case Shaft
27. Nut
28. Washer
29. R.H. Bearing R.H. Shaft
30. Spacing Collar
31. L.H. Gear Case Bevel Gear
32. L.H. Bearing L.H. Shaft

33. Key
34. Pipe Plugs
35. Nut
36. Washer
37. Adjusting Screw Bevel Gear
38. Key
39. Adjusting Screw Bearing
40. Retaining Bushing
41. Retaining Bushing Nut
42. Slide Fastening Screw
43. Slide Nut
44. Slide (Specify R.H. or L.H.)
45. Stop Pin
46. Back Gage Bar
47. Bracket Fastening Screws
48. L.H. Back Gage Bracket
49. R.H. Back Gage Bracket
50. Bracket Dowels
51. L.H. Adjusting Screw
(Not Shown)
52. R.H. Adjusting Screw
56. Brace Rod Nuts
59. Back Gage Brace Rod
60. Jam Nuts
61. Brace Rod Bolt
62. Oil Hold Cover
76. Spring Washer

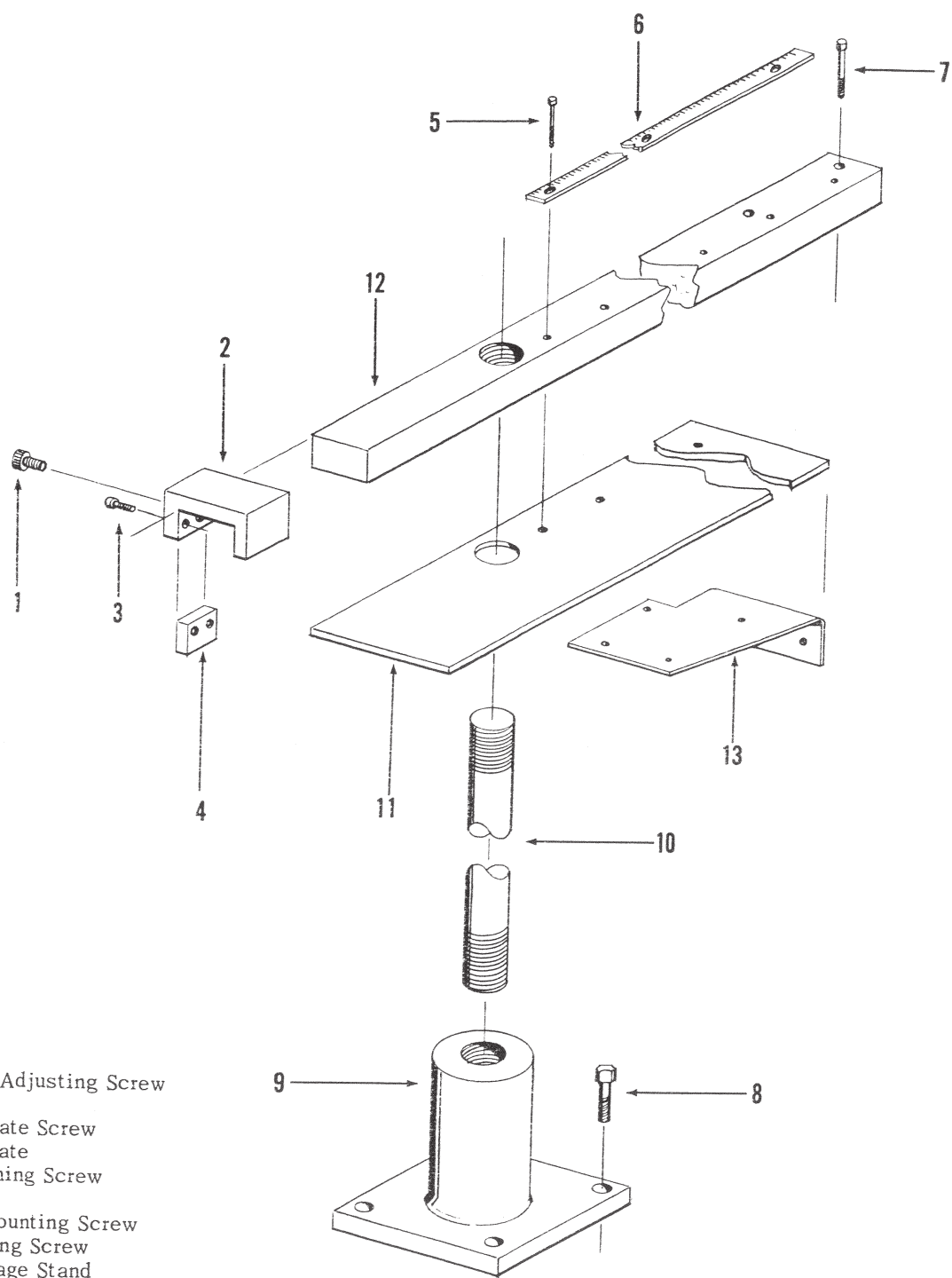
Manually Operated Only

1. Counter Cover
2. Counter Pulley
3. Counter Bracket
4. Counter
8. Knurled Knob
9. Handwheel
10. Friction Plate
53. Timing Belt
54. Timing Belt Pulley
55. Decimal Equiv. & Lub. Plate

Power Operated Only

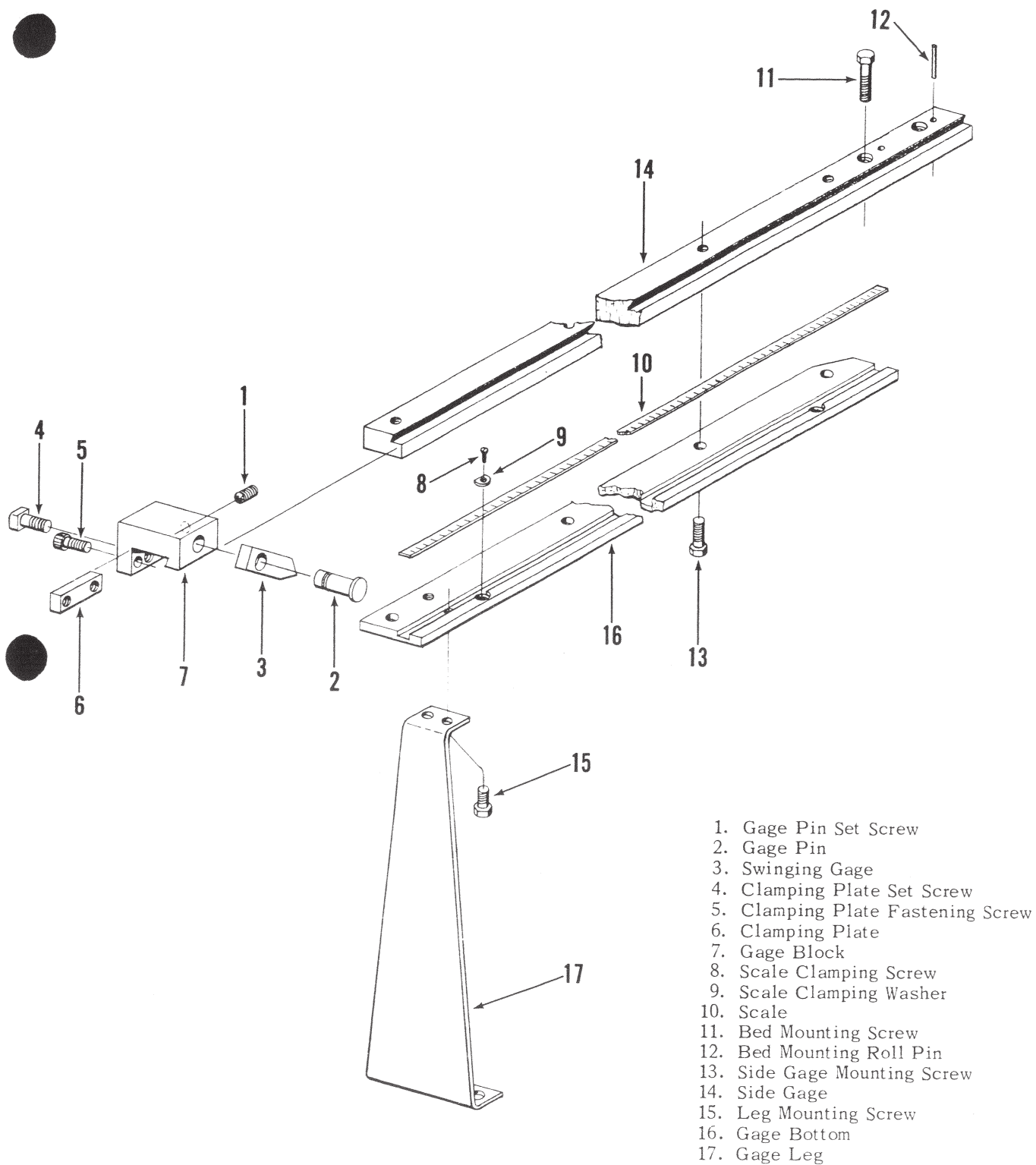
63. Cover, Bracket
64. End Cover, Gear Case Shaft
65. Chain Guard
66. Outer Motor Sprocket with Roll Pin
67. Driving Chain
68. Counter Sprocket with Set Screw
69. Counter Chain
70. Inner Motor Sprocket with Set Screw
71. Trunnion Sprocket with Roll Pin
72. Chain Guard Back Plate
73. Counter
74. Motor
75. Bracket, Motor and Counter

FRONT EXTENSION GAGE
(Optional - Models TP3 & TP4)



1. Gage Block Adjusting Screw
2. Gage Block
3. Clamping Plate Screw
4. Clamping Plate
5. Scale Fastening Screw
6. Scale
7. Side Gage Mounting Screw
8. Floor Mounting Screw
9. Extension Gage Stand
10. Bracket Support
11. Gage Bottom
12. Side Gage
13. Gage Bracket

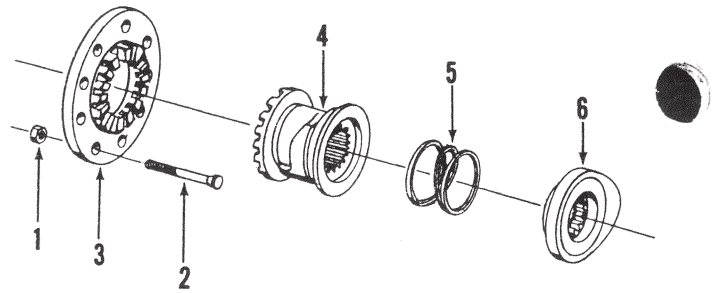
FRONT EXTENSION GAGE
(Optional - Models TP8 & TP10)



1. Gage Pin Set Screw
2. Gage Pin
3. Swinging Gage
4. Clamping Plate Set Screw
5. Clamping Plate Fastening Screw
6. Clamping Plate
7. Gage Block
8. Scale Clamping Screw
9. Scale Clamping Washer
10. Scale
11. Bed Mounting Screw
12. Bed Mounting Roll Pin
13. Side Gage Mounting Screw
14. Side Gage
15. Leg Mounting Screw
16. Gage Bottom
17. Gage Leg

SLEEVE CLUTCH ASSEMBLY (All Models)

1. Mounting Bolt Nut
2. Clutch Ring Mounting Bolt
3. Clutch Ring
4. Clutch Sleeve
5. Clutch Spring
6. Single Stroke Cam

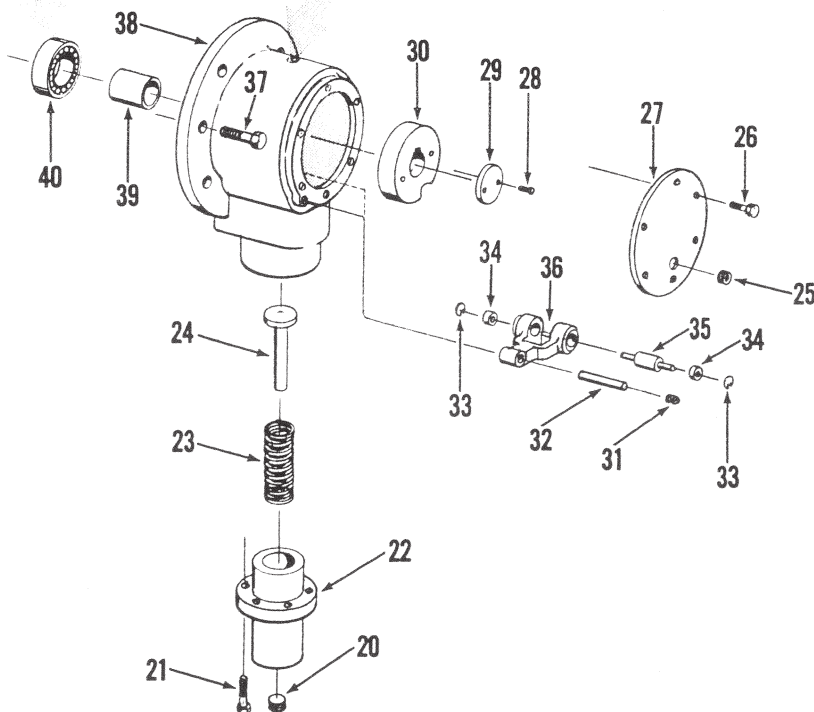


PRE-LUBED

OIL

DETENT ASSEMBLY (Models TP8 & TP10)

20. Spring Pot Plug
21. Spring Pot Mounting Screw
22. Spring Pot
23. Detent Spring
24. Spring Plunger
25. Housing Cover Plug
26. Housing Mounting Screw
27. Cam Housing Cover Plate
28. Washer Mounting Screw
29. Cam Housing Washer
30. Detent Cam
31. Lever Pin Plug
32. Lever Pin
33. Roller Retainer Rings
34. Roller Bearings
35. Cam Roller
36. Cam Lever
37. Housing Mounting Screw
38. Detent Cam Housing
39. Spacing Collar
40. R.H. Bearing



FRICTION BRAKE ASSEMBLY (Models TP3 & TP4)

7. Adjusting Locknuts
8. Adjusting Washer
9. Adjusting Spring
10. Brake Adjusting Stud
11. Strap Mounting Screw
12. Brake Strap
13. Brake Lining
14. Retainer Ring
15. R.H. Bearing
16. Cartridge Mounting Screw
18. R.H. Bearing Cartridge
19. Brake Collar

