

BLISS INCLINABLE PRESSES

PRESS NUMBERS 18-C THROUGH 21½

FRAME, LEGS, CRANKSHAFT, AND BEARING CAPS

PARTS LIST

- 1 FRAME
- 2 CRANKSHAFT MAIN BEARING CAP
- 2-A CRANKSHAFT MAIN BEARING CAP BUSHING
- 5 CRANKSHAFT
- 6 BRAKE COLLAR
- 46-A LEG TIE ROD (REAR)
- 46-B LEG TIE ROD (FRONT)
- 47 LEG - RIGHT HAND
- 48 LEG - LEFT HAND
- 50-A LEG PIVOT BOLT
- 50-B NUT FOR LEG PIVOT BOLT
- 51-A LEG CLAMPING BOLT (OR STUD)
- 51-B LEG CLAMPING BOLT NUT

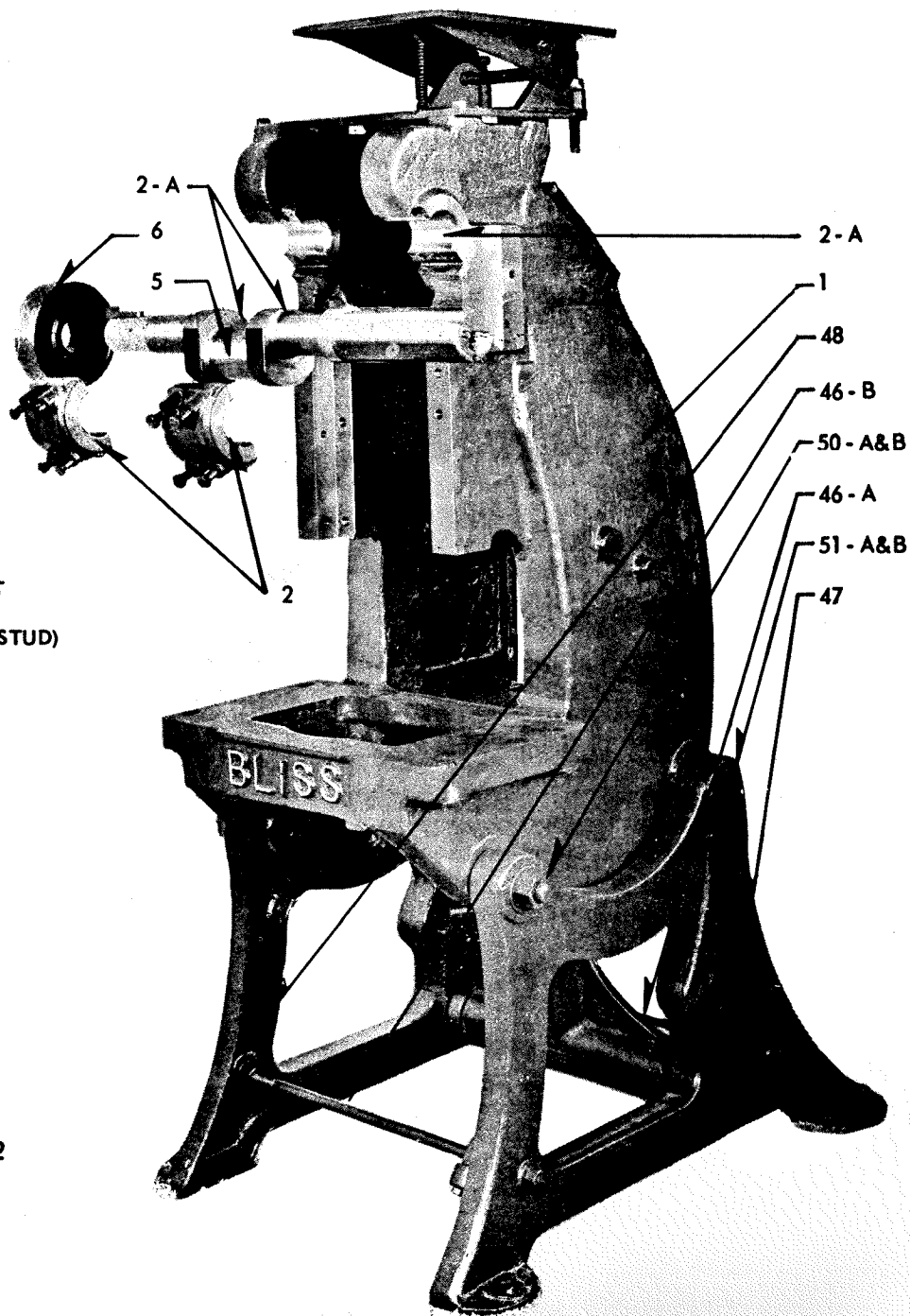


FIGURE 2

BLISS INCLINABLE PRESSES

PRESS NUMBERS 18-C THROUGH 21½

SLIDE, CONNECTION, CONNECTION SCREW, GIBS, & KNOCKOUT BRACKETS

PARTS LIST

- | | |
|------|---|
| 14 | CONNECTION CAP |
| 14-A | CONNECTION CAP BUSHING |
| 15 | CONNECTION CAP STUD |
| 16 | CONNECTION |
| 18-A | CONNECTION SCREW CLAMPING PLUG (HEAD END) |
| 18-B | CONNECTION SCREW CLAMPING PLUG (NUT END) |
| 18-C | CONNECTION SCREW CLAMPING PLUG SCREW & NUT |
| 19-A | CONNECTION SCREW CLAMPING PLUG ANCHOR SCREW |
| 19-B | CONNECTION SCREW CLAMPING SCREW NUT |
| 20 | CONNECTION SCREW |
| 20-A | FELT WASHER |
| 23 | SLIDE |
| 24 | SLIDE RECESS CAP |
| 25 | SLIDE RECESS CAP STUD |
| 26 | SLIDE RECESS CAP STUD NUT |
| 27 | KNOCKOUT BAR BRACKET - RIGHT HAND |
| 27-A | KNOCKOUT BAR BRACKET SCREW - LEFT HAND |
| 28 | KNOCKOUT BAR BRACKET SCREW (OR STUD) |
| 29 | KNOCKOUT BAR ADJUSTING SET SCREW |
| 30 | KNOCKOUT BAR ADJUSTING SET SCREW NUT |
| 31-A | KNOCKOUT BAR |
| 32 | MAIN GIB - LEFT HAND |
| 33 | MAIN GIB - RIGHT HAND |
| 34 | MAIN GIB SCREW (OR STUD) |

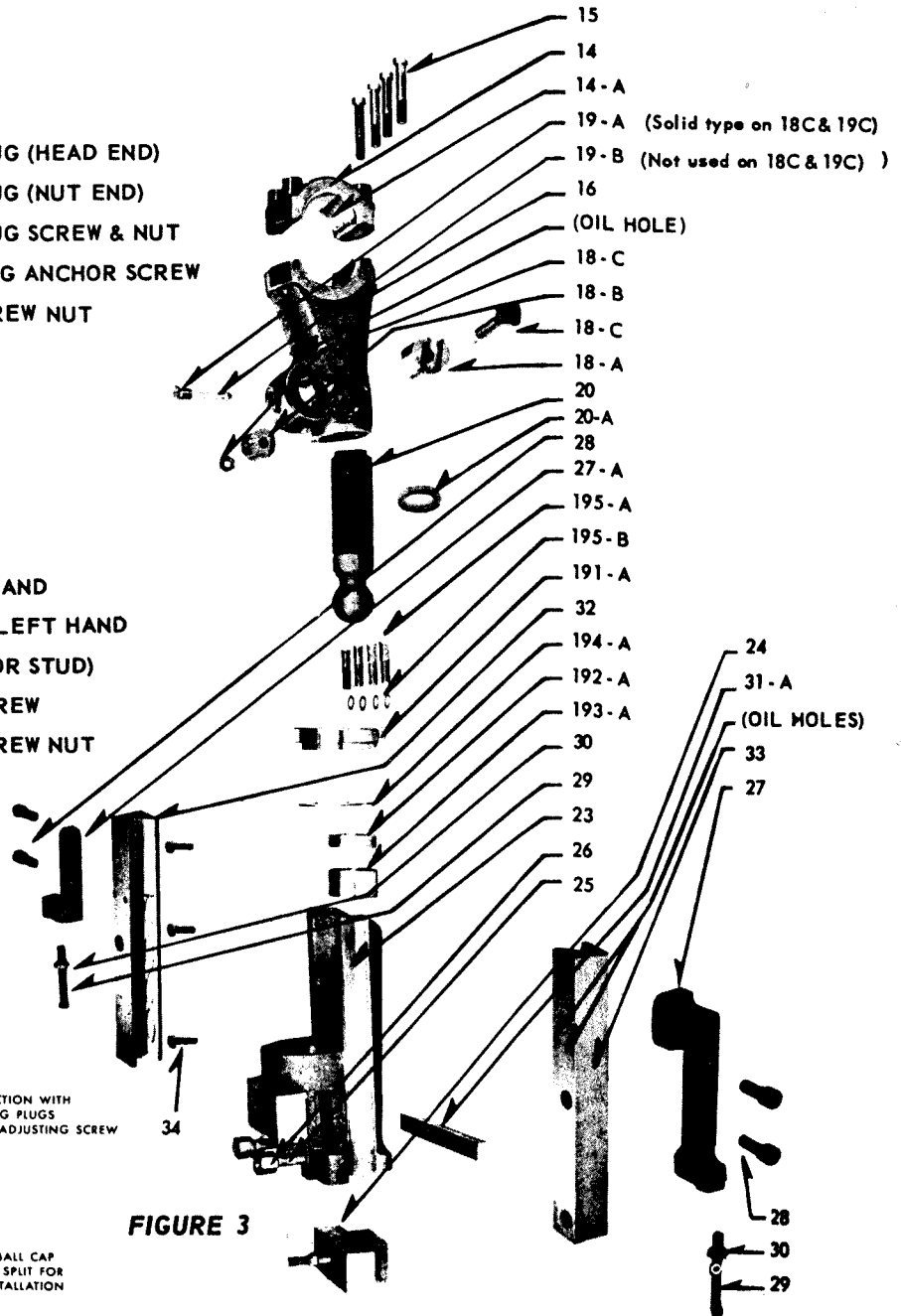
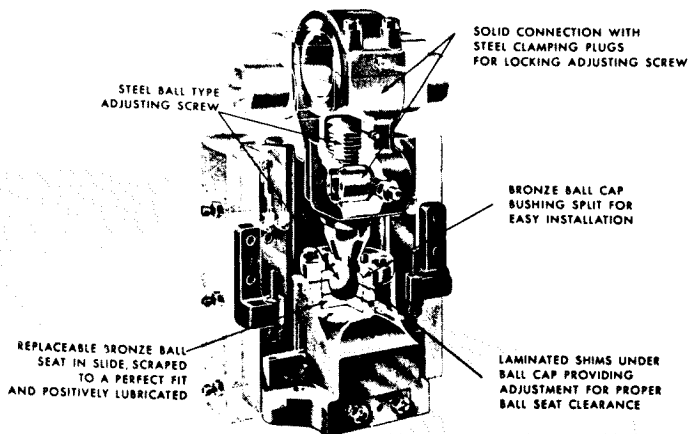


FIGURE 3



CONNECTION ASSEMBLY

- | | |
|-------|-------------------------------|
| 191-A | BALL CAP |
| 192-A | BALL CAP BUSHING |
| 193-A | BALL SEAT |
| 194-A | SHIMS |
| 195-A | HOLLOW HEAD CAP SCREWS |
| 195-B | HOLLOW HEAD CAP SCREW WASHERS |

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INCLINING ATTACHMENTS

PARTS LIST

- 41 SCREW PIN
- 42 COTTER PINS
- 43 INCLINING SCREW
- 44 THRUST BEARING
- 45A RATCHET ASSEMBLY
- 45A-1 RATCHET HANDLE
- 45A-4 RATCHET WHEEL
(USED WITH THRUST BEARING)
- 46 INCLINING TRUNNION

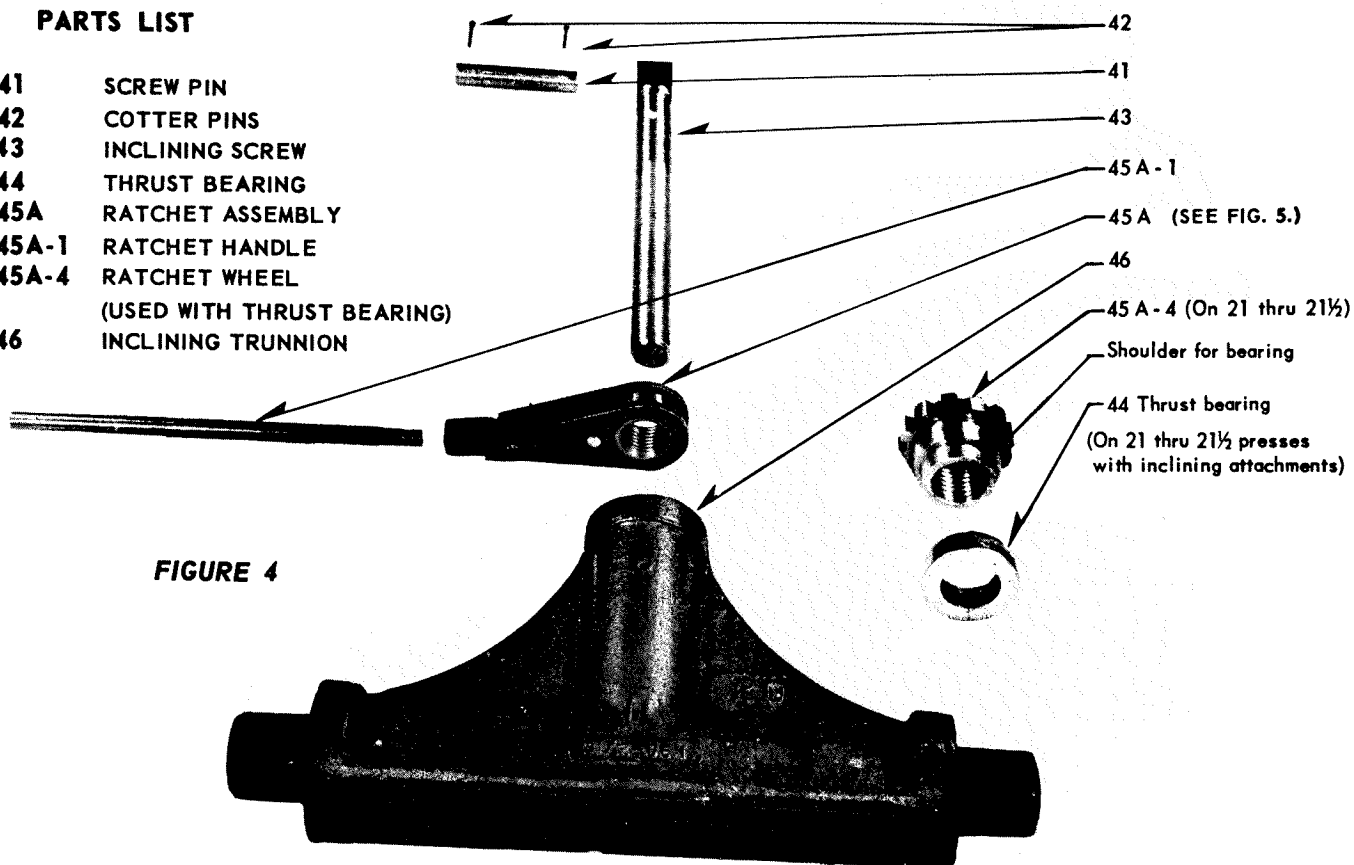


FIGURE 4

INCLINING ATTACHMENT RACHET

PARTS LIST

- 45A-2 RATCHET LEVER
- 45A-3 RATCHET WHEEL
- 45A-4 RATCHET WHEEL (WITH SHOULDER FOR THRUST BEARING)
- 45A-5 COVER PLATE
- 45A-6 PAWL
- 45A-7 SPRING HOUSING
- 45A-8 PLUNGER
- 45A-9 SPRING
- 45A-10 SPACER STUDS
- 45A-11 FULCRUM
- 45A-12 STUD NUTS
- 45A-13 LOCKWASHERS
- 45A-14 TRIP PIN

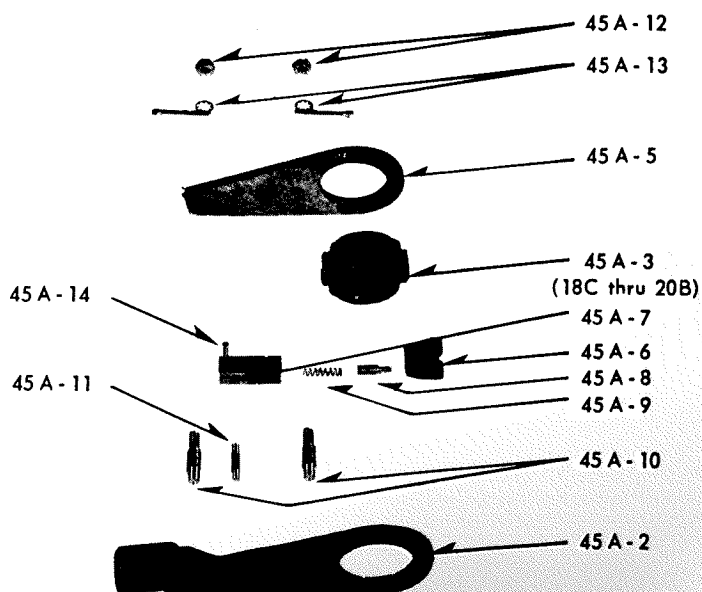
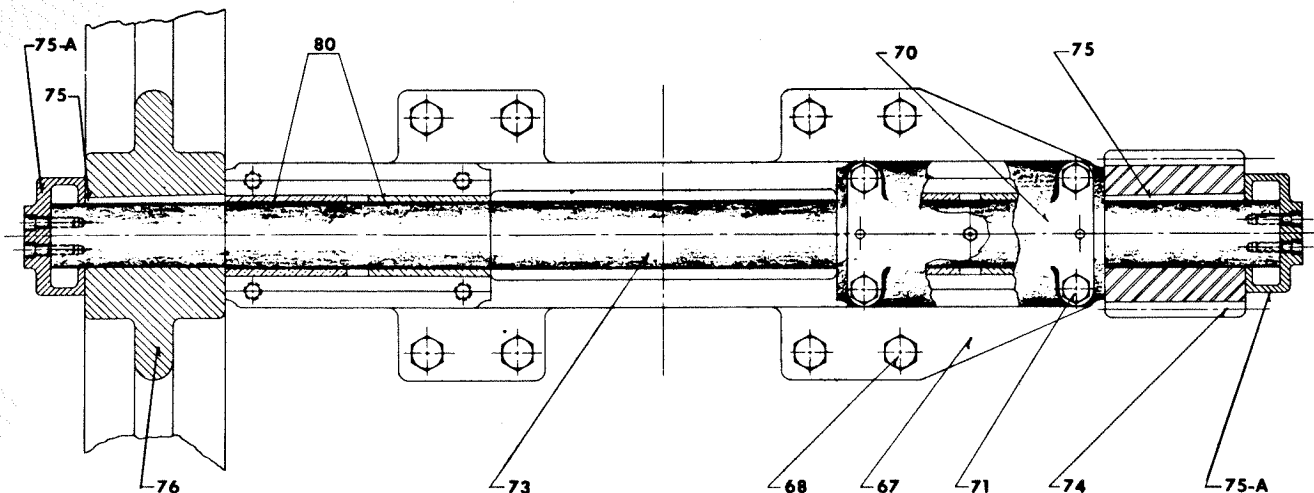


FIGURE 5

BLISS INCLINABLE PRESSES

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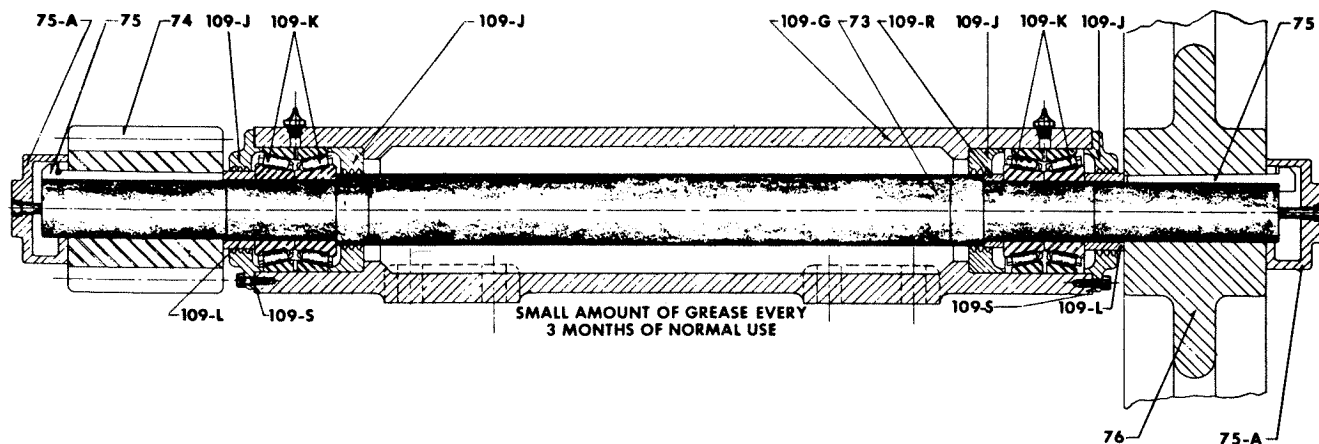
BACKSHAFT ON GEARED PRESSES
19½B, 20C, 20B & 21 ROLLING KEY
OR PNEUMATIC CLUTCH



Part No. Part Name

67	MAIN DRIVESHAFT BRACKET	74	PINION
68	MAIN DRIVESHAFT BRACKET CAP SCREWS	75	PINION AND FLYWHEEL KEY
70	MAIN DRIVESHAFT BRACKET CAP	75-A	MAIN DRIVESHAFT END COLLAR
71	MAIN DRIVESHAFT BRACKET CAPSCREWS	76	FLYWHEEL
73	MAIN DRIVESHAFT	80	MAIN DRIVESHAFT BRONZE BUSHINGS

FOR GEARED 21B - 21S R.K.C. TYPE G OR M AIR CLUTCH

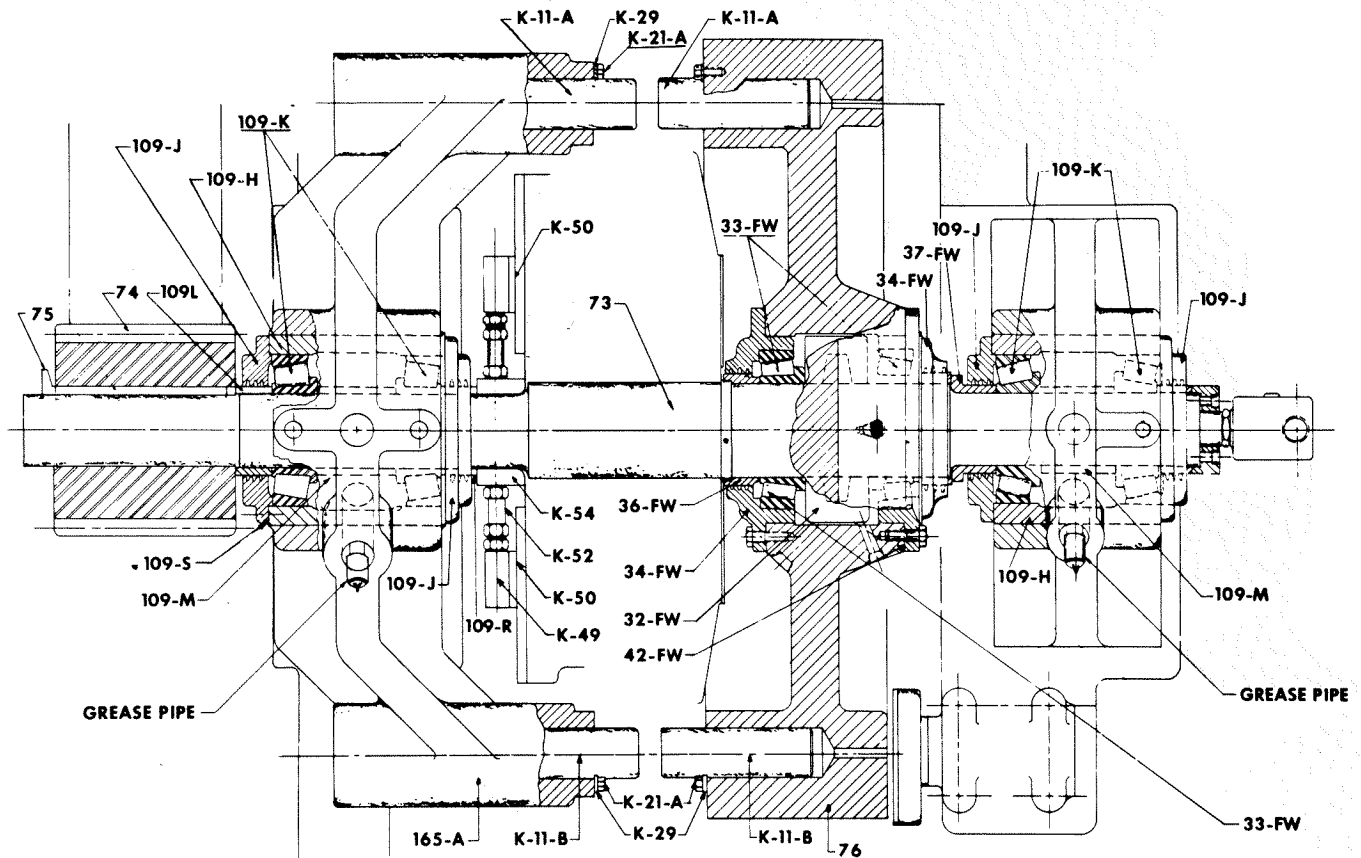


Part No. Part Name

73	MAIN DRIVESHAFT	109-G	MAIN DRIVESHAFT ROLLER BEARING BRACKET (one piece)
74	MAIN DRIVE PINION	109-H	MAIN DRIVESHAFT BEARINGS SLEEVE
75	PINION AND FLYWHEEL KEY	109-J	MAIN DRIVESHAFT BEARING COLLAR
75-A	SHAFT END COLLAR	109-K	MAIN DRIVESHAFT BEARING
76	FLYWHEEL	109-L	MAIN DRIVESHAFT BEARING SPACER (outer)
		109-R	MAIN DRIVESHAFT BEARING SPACER (inner)
		109-S	MAIN DRIVESHAFT BEARING SHIMS

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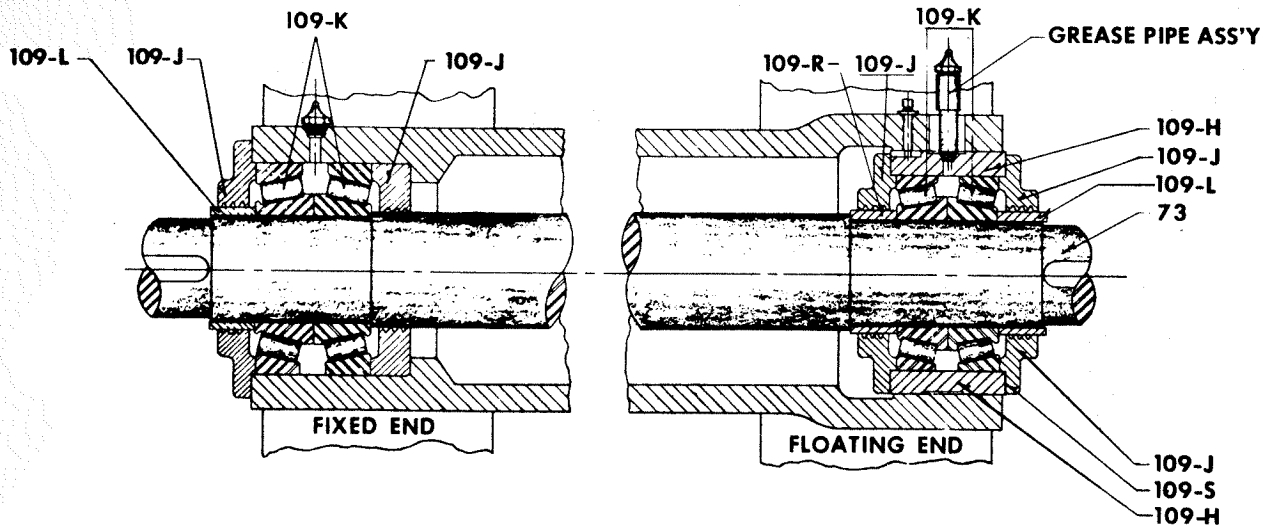
TYPE "K" CLUTCH SHAFT ASSEMBLY (21½ GEARED)

Part No.	Part Name		
73	MAIN DRIVESHAFT	K-11-A	FRICTION DISC PIN (fixed end)
74	MAIN DRIVE PINION	K-11-B	FRICTION DISC PIN (floating end)
75	MAIN DRIVE PINION KEY	K-21-A	FRICTION DISC PIN PLATE SCREW
76	FLYWHEEL	K-29	FRICTION DISC PIN PLATE
109-H	MAIN DRIVESHAFT BEARING SLEEVE	K-49	AIR TUBE BLOCK
109-J	MAIN DRIVESHAFT BEARING COLLAR	K-50	AIR TUBE BLOCK GASKET
109-K	MAIN DRIVESHAFT BEARING	K-52	AIR TUBE & COUPLING ASSEMBLING
109-L	MAIN DRIVESHAFT BEARING SPACER (outer)	K-54	SHAFT SPACER
109-M	MAIN DRIVESHAFT BEARING SPACER (center)	32-FW	FLYWHEEL BEARING SPACER (center)
109-R	MAIN DRIVESHAFT BEARING SPACER (inner)	33-FW	FLYWHEEL BEARING
109-S	MAIN DRIVESHAFT BEARING SHIMS	34-FW	FLYWHEEL BEARING RETAINER
117-B	MAIN DRIVESHAFT END BEARING SPACER	36-FW	FLYWHEEL BEARING SPACER TO CLUTCH SIDE
165-A	BRAKE BRACKET	37-FW	FLYWHEEL BEARING SPACER TO CLAMP SIDE
		42-FW	FLYWHEEL BEARING ADJUSTING SHIMS

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BEARINGS ON 21½ R.K.C.



Part No.	Part Name
73	MAIN DRIVESHAFT
109-H	MAIN DRIVESHAFT BEARINGS SLEEVE
109-J	MAIN DRIVESHAFT BEARING COLLAR (INNER & OUTER)
109-K	MAIN DRIVESHAFT BEARING
109-L	MAIN DRIVESHAFT BEARING SPACER (OUTER)
109-R	MAIN DRIVESHAFT BEARING SPACER (INNER)
109-S	MAIN DRIVESHAFT BEARING SHIMS

BLISS

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