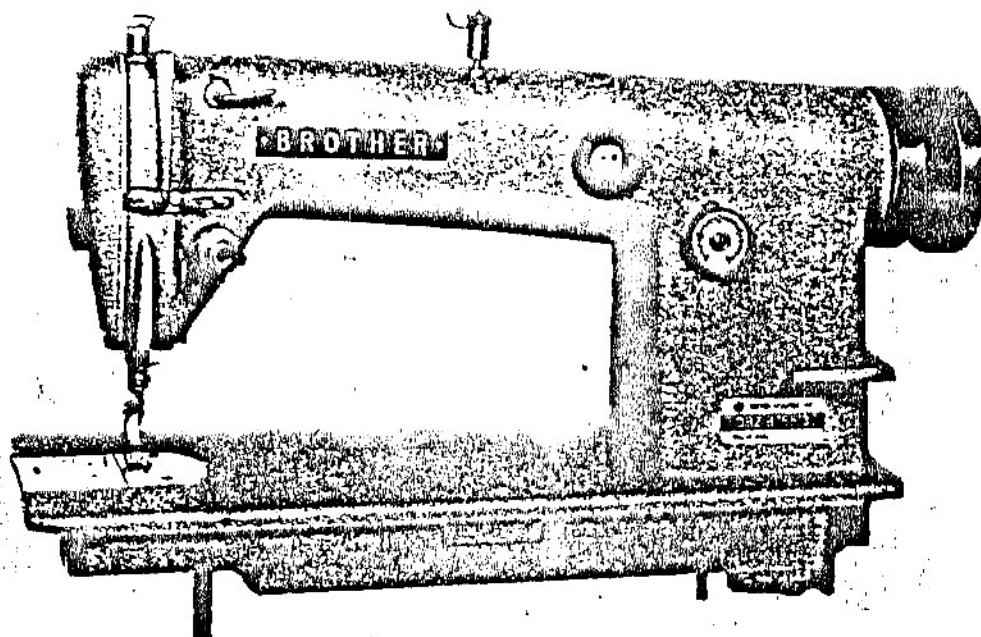


PARTS BOOK

FOR

BROTHER DB2-B755



High Speed Lock Stitcher with Thread Trimmer

**BROTHER INDUSTRIES,
NAGOYA, JAPAN**

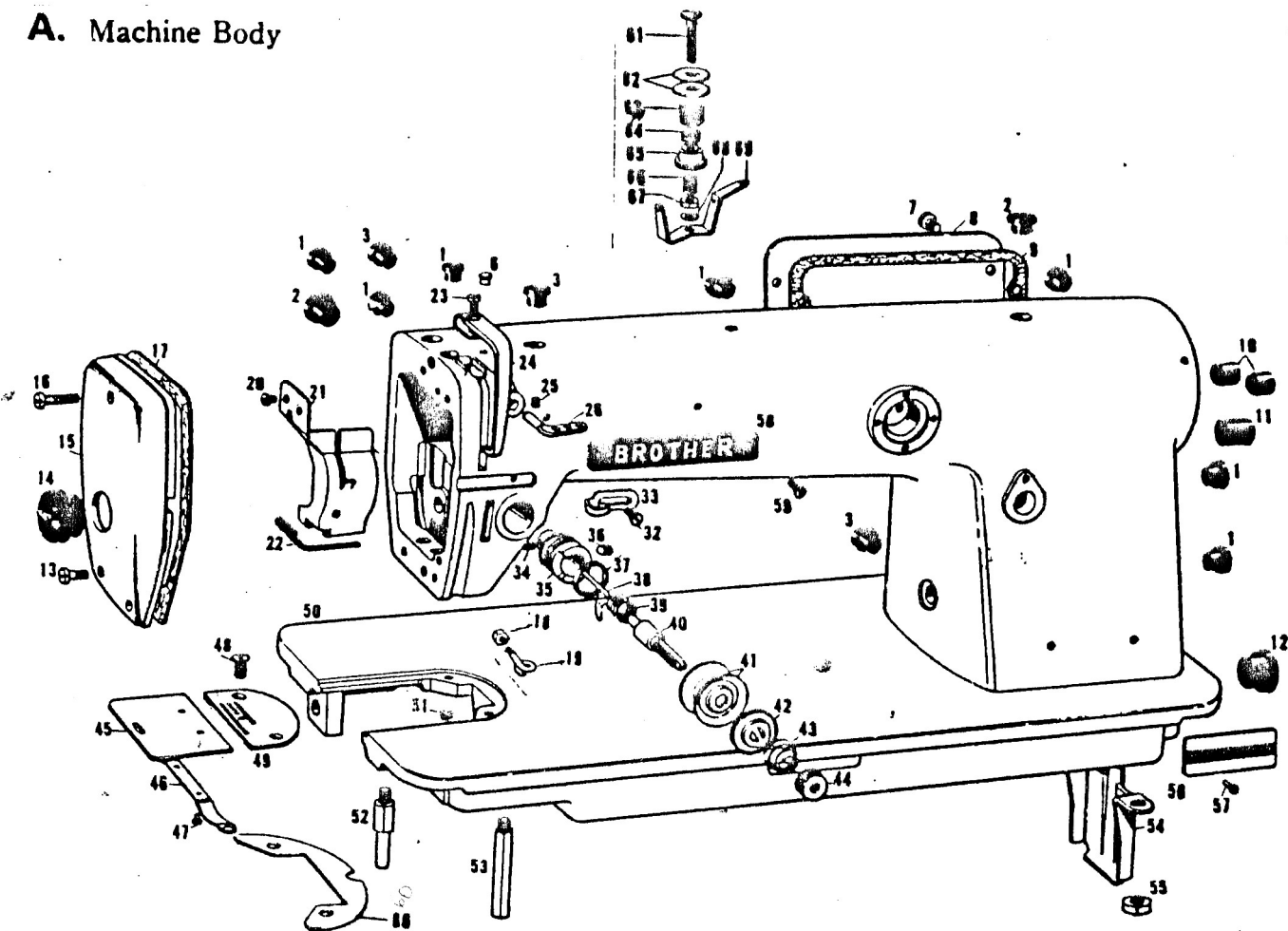
Cavemac

**EDIÇÃO
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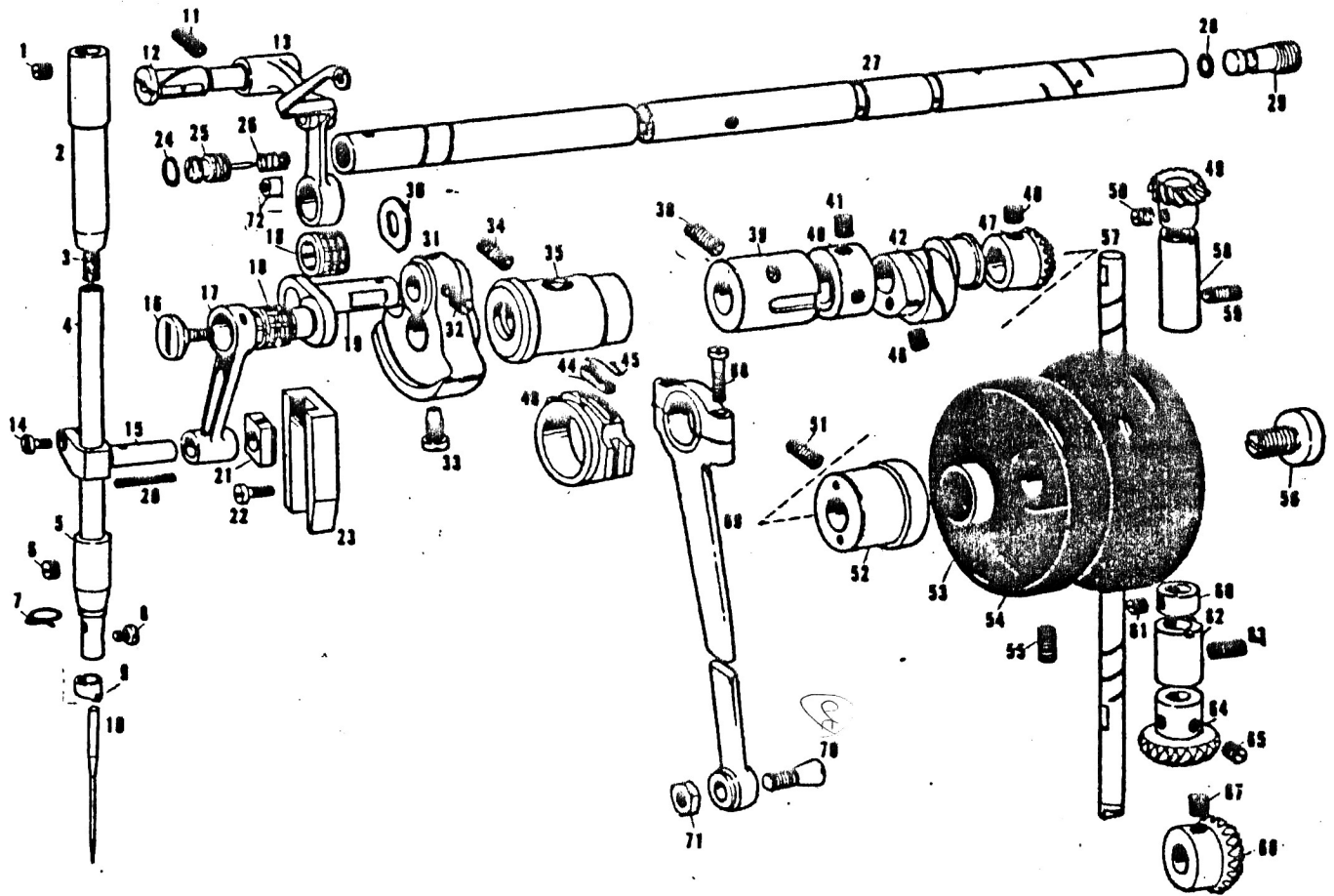
A. Machine Body



Ref. No.	Name of Parts	Qty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Qty	Parts No.	Assembly No.
A-1	Vinyl Cap	7	104450-0-01		A-32	Screw	1	009670-6-14	
A-2	Oil Cap	2	104449-0-01		A-33	Arm Thread Guide	1	113316-0-01	
A-3	Oil Cap	3	104821-0-01		A-34	Screw	1	100402-0-04	
A-6	Oil Cap	1	111865-0-01		A-35	Upper Tension Regulator Bracket	1	144741-0-01	
A-7	Screw	4	009670-8-12		A-36	Screw	1	103950-0-02	
A-8	Rear Cover	1	111456-0-01		A-37	Paking	1	114294-0-01	
A-9	Packing	1	111457-0-01		A-38	Tension Release Pin	1	100400-0-00	
A-10	Oil Cap	2	104832-0-01		A-39	Thread Take-up Spring	1	100399-0-01	
A-11	Oil Cap	1	104451-0-01		A-40	Tension Stud	1	100398-0-01	
A-12	Oil Cap	1	108520-0-01		A-41	Tension Disc	2	145446-0-01	
A-13	Screw	2	009671-0-13		A-42	Tension Disc Washer	1	100134-0-01	
A-14	Oil Cap	1	104449-0-01		A-43	Tension Spring	1	104525-0-01	
A-16	Screw	1	009671-8-13		A-44	Nut	1	100136-0-01	
A-15	Face Plate	1			A-45	Slide Plate	1		Slide Plate Assembly 180018-0-01
A-17	Packing	1	109195-0-01		A-46	Slide Plate Spring	1	114561-0-01	
A-18	Nut	1	021660-1-02		A-47	Screw	2	122771-0-01	
A-19	Arm Thread Guide L	1	145524-0-01		A-48	Screw	2	100032-0-03	
A-20	Screw	2	009670-5-12		A-49	Needle Plate	1	154748-0-01	154672-0-01
A-21	Oil Stopper	1		Oil Stopper Assembly 161472-0-01	A-50	Arm Bed	1		
A-22	Wick	1	109405-0-01		A-51	Oil Cap	1	142374-0-01	
A-23	Screw	1	009660-7-13		A-52	Bed Leg B	1	104830-0-01	
A-24	Thread Take-up Cover	1	140885-0-01		A-53	Bed Leg A	1	104829-0-01	
A-25	Screw	1	1151602-0-02		A-54	Pump Cover	1	145454-0-01	
A-26	Thread Retainer	1	114931-0-01		A-55	Nut	2	100090-0-04	
					A-56	Model Plate	1		
					A-57	Model Plate Pin	2		
					A-58	Name Plate "BROTHER"	1		
					A-59	Screw	2		
					A-60	Needle Plate Washer	1	148251-0-01	
					A-61	Pre-Tension Stud	1	153111-0-01	
					A-62	Thread Guide Disc	2	147705-0-01	
					A-63	Pre-Tension Disc Washer	1	146206-0-01	
					A-64	Pre-Tension Spring	1	146058-0-01	
					A-65	Pre-Tension Nut	1	146059-0-01	
					A-66	Spring	1	146060-0-00	
					A-67	Nut	1	105234-0-01	
					A-68	Washer	1	025680-2-34	
					A-69	Thread Guide Plate	1	146055-0-01	

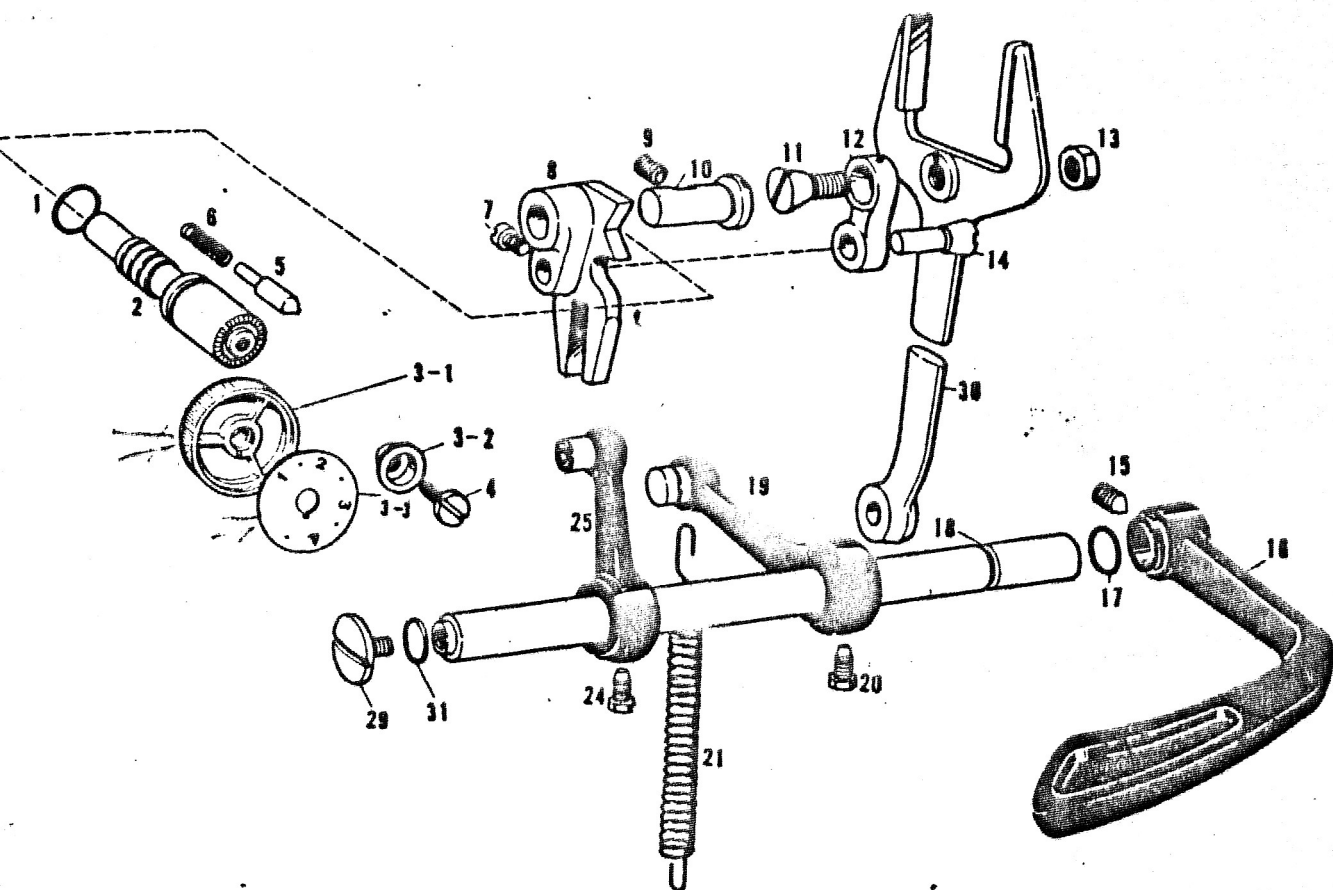
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B. Upper Shaft Needle Bar and Thread Takeup Lever Mechanism



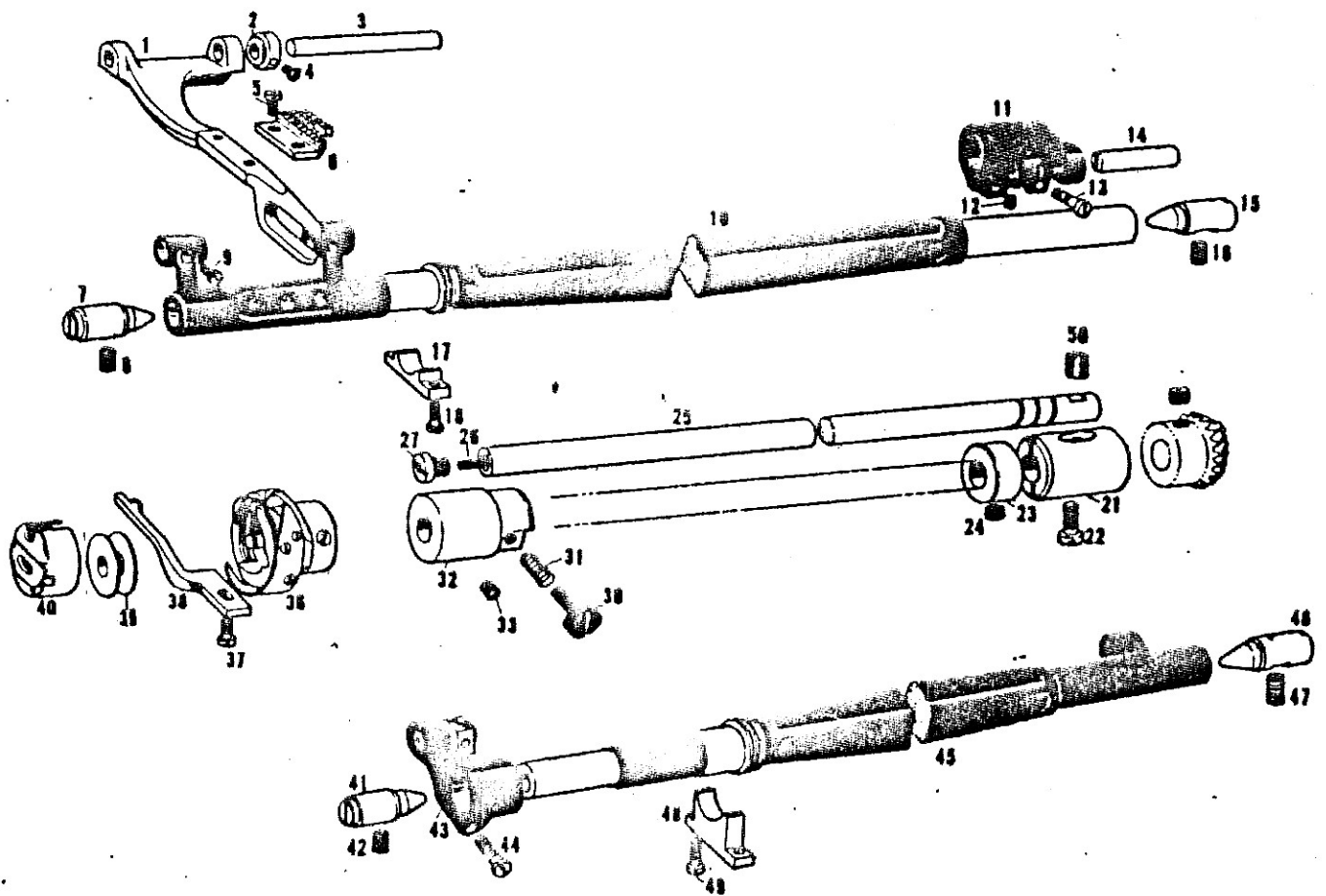
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
B-1	Screw	1	100260-0-01		B-38	Screw	1	013761-4-10	
B-2	Needle Bar Bushing Upper	1	111463-0-01		B-39	Upper Shaft Bushing Intermediate	1	140726-0-00	
B-3	Needle Bar Cork	1	111863-0-01		B-40	Collar	1		Collar 181994-0-01
B-4	Needle Bar	1	114908-0-01		B-41	Set Screw	2	151604-0-01	
B-5	Needle Bar Bushing Lower	1	111464-0-01		B-42	Feed Cam	1		Feed Cam 181625-0-01
B-6	Screw	1	100260-0-01		B-43	Sleeve	1		
B-7	Thread Guide Under	1	100573-0-01		B-44	Felt	1	106442-0-01	Felt Assembly 181625-0-01
B-8	Screw	1	143553-0-01		B-45	Felt Wire	1	106440-0-00	
B-9	Needle Bar Thread Guide	1	151594-0-01		B-46	Set Screw	2	151604-0-01	
B-10	Needle	1	107415-0-14		B-47	Upper Shaft Gear	1		
B-11	Screw	1	013761-4-10		B-48	Screw	2	100251-0-01	Upper Shaft Gear Assembly 180022-0-01
B-12	Stud	1			B-49	Vertical Shaft Gear	1		
B-13	Thread Takeup Lever	1		Thread Takeup Lever Assembly 13278-0-01	B-50	Screw	2	100251-0-01	
B-14	Set Screw	1	140004-0-01		B-51	Screw	1	013760-6-10	
B-15	Needle Bar Clamp	1			B-52	Upper Shaft Bushing R	1	146331-0-01	
B-16	Screw	1	145465-0-01		B-53	Oil Seal	1	101487-0-00	
B-17	Needle Bar Connector	1			B-54	Pulley	1	148323-0-01	
B-18	Needle Roller Bearing	2			B-55	Screw	2	013761-4-10	
B-19	Needle Bar Crank	1			B-56	Screw	1	104478-0-01	
B-20	Wick	1	108809-0-01		B-57	Vertical Shaft	1	144868-0-01	
B-21	Needle Bar Guide Slide Block	1	102630-0-01		B-58	Vertical Shaft Upper Bushing	1	142708-0-00	
B-22	Screw	2	009670-6-12		B-59	Screw	1	013760-6-10	
B-23	Needle Bar Guide	1	102631-0-00		B-60	Lower Shaft Collar	1		Collar 181995-0-01
B-24	Packing	1	118770-0-01		B-61	Screw	2	101706-0-03	
B-25	Oil Adjusting Screw for Upper Shaft	1	140412-0-01		B-62	Vertical Shaft Lower Bushing	1	142709-0-00	
B-26	Spring	1	116799-0-01		B-63	Screw	1	013761-4-10	
B-27	Upper Shaft	1	109137-0-01		B-64	Vertical Shaft Lower Gear	1		
B-28	O Ring	1	081002-6-70		B-65	Screw	2	100251-0-01	Lower Shaft Gear Assembly 180023-0-01
B-29	Oil Screw Right for Upper Shaft	1	104555-0-01		B-66	Lower Shaft Gear	1		
B-30	Washer	1	110367-0-01		B-67	Screw	2	100251-0-01	
B-31	Counter Weight	1	108205-0-00		B-68	Screw	2	107428-0-01	Crank Rod Assembly 182049-0-01
B-32	Screw	2	100251-0-01		B-69	Crank Rod	1		
B-33	Screw	1	104464-0-01		B-70	Screw	1	100310-0-01	
B-34	Screw	1	013761-4-10		B-71	Nut	1	104689-0-01	
B-35	Upper Shaft Bushing Left	1	111459-0-01		B-72	Oil Bushing	1	140357-0-01	

3. Feed Mechanism



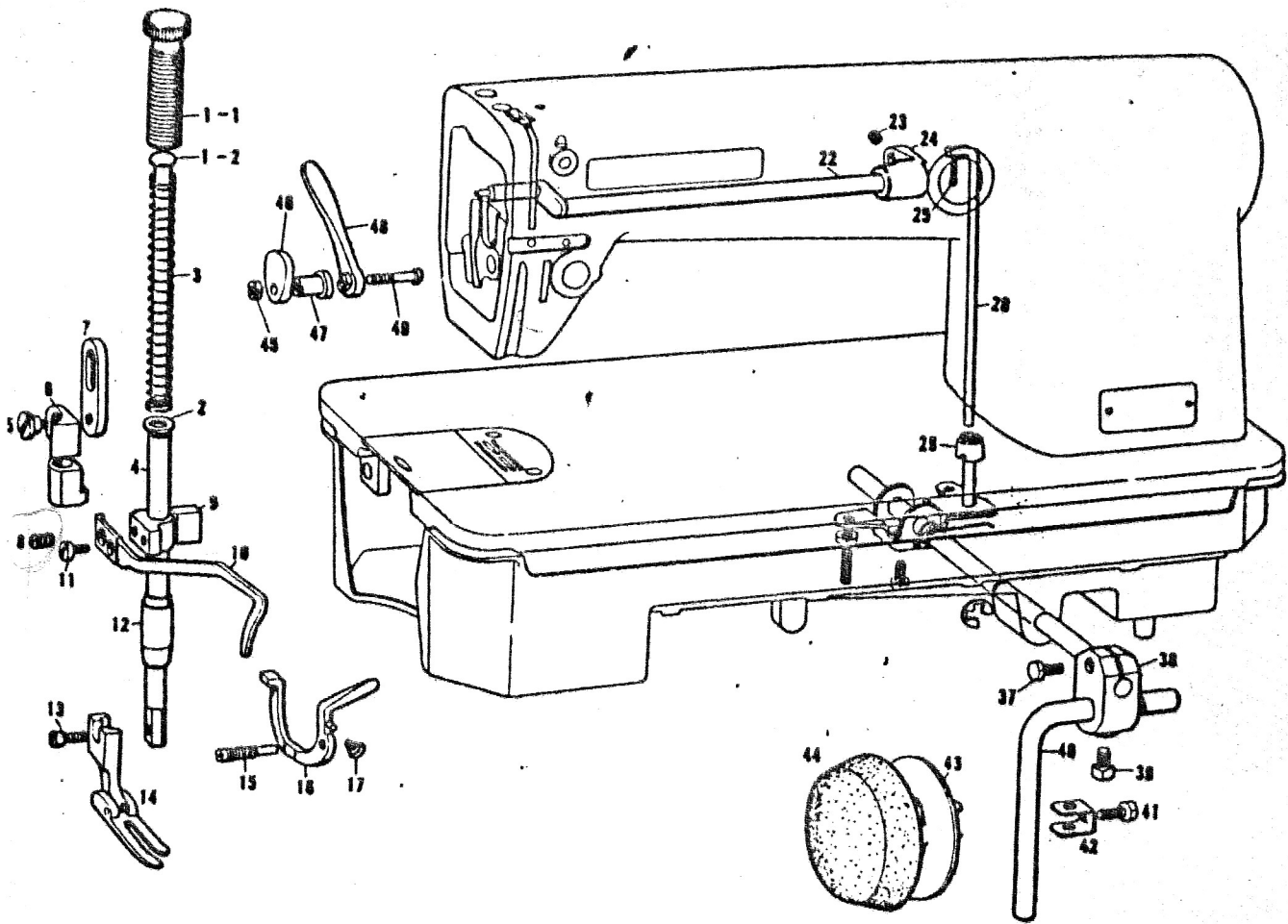
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
C-1	Packing	1	108549-0-01	Length Control Dial 181482-1-01	C-15	Screw	1	015771-0-12	Feed Regulator Lever Shaft 181671-0-01
C-2	Length Control Screw	1	109151-1-01		C-16	Reverse Lever	1	118752-0-01	
C-3-1	Length Control Dial	1	153168-0-01		C-17	Packing	1	104564-0-01	
C-3-2	Washer	1	142745-0-02		C-18	Feed Regulator Lever Shaft	1	108541-0-01	
C-4	Screw	1	142747-0-02	182334-0-01	C-19	Feed Regulator Lever B With Hook	1	108544-0-03	
C-5	Pin	1	100327-0-01		C-20	Bolt	1	142403-0-01	
C-6	Spring	1	100328-0-01		C-21	Feed Regulator Tension Spring	1	109150-0-01	
C-7	Screw	1	102627-0-01		C-24	Bolt	1	108749-0-01	
C-8	Feed Regulator	1	109147-0-01		C-25	Feed Regulator Lever Assembly	1	116953-0-01	
C-9	Screw	1	013781-0-12		C-29	Screw	1	100511-0-03	
C-10	Stud	1	111491-0-01		C-30	Feed Forked Connector	1	109147-0-01	
C-11	Screw	1	100310-0-01		C-31	Packing	1	104564-0-01	
C-12	Feed Regulator Link	1	104897-0-00						
C-13	Nut	1	104689-0-01						
C-14	Taper Hinge	1	100312-0-01						
C-3-3	Feed Regulator Plate	1	151507-0-01						

D. Rotary Hook Mechanism and Feed Mechanism



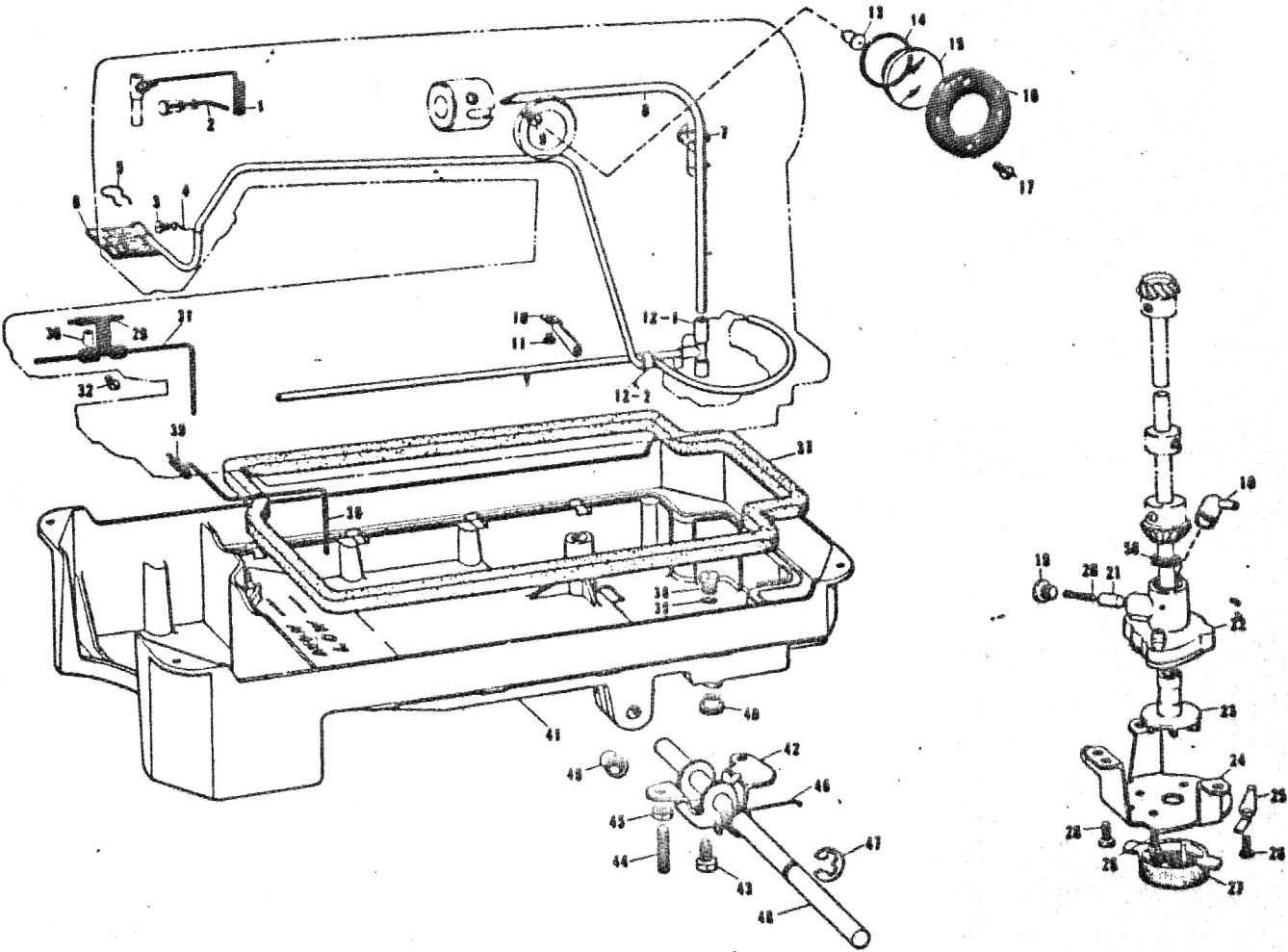
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
D-1	Feed Bar	1	109155-0-01		D-27	Screw	1	109173-0-01	
D-2	Feed Bar Shaft Collar	1		Collar	D-30	Screw	1	145534-0-01	
D-4	Screw	2	144458-0-01	182048-0-01	D-31	Spring	1	116794-0-01	
D-3	Feed Bar Shaft	1	109156-0-01		D-32	Lower Shaft Bushing, Left	1	118781-1-00	
D-5	Screw	2	100080-0-03		D-33	Screw	1	1151603-0-02	
D-6	Feed Dog	1	100334-0-01						
D-7	Taper Center Left	1	104847-0-01						
D-8	Screw	1	100251-0-01		D-36	Rotary Hook Assembly	1	1153131-0-01	
D-9	Screw	2	104908-0-01		D-37	Screw	1	009681-0-12	
D-10	Feed Rock Shaft	1	109154-0-03		D-38	Bobbin Case Holder Position Bracket	1	100367-0-01	
D-11	Feed Rock Shaft Arm	1	109152-0-01		D-39	Bobbin	1	146290-0-01	
D-12	Screw	1	151601-0-02		D-40	Bobbin Case	1	148350-0-01	
D-13	Screw	2	009681-2-12		D-41	Taper Center Left	1	104847-0-01	
D-14	Feed Rock Shaft Arm Pin	1	109153-0-01		D-42	Screw	1	100251-0-01	
D-15	Taper Center Right	1	104848-0-01		D-43	Feed Lifting Arm	1		Feed Lifting Arm
D-16	Screw	1	100251-0-01						181562-0-01
D-17	Oil Stopper	1	118558-0-01		D-44	Screw	1	009681-6-12	
D-18	Screw	2	009670-8-12		D-45	Feed Lifting Rock Shaft	1	108556-0-03	
D-21	Lower Shaft Bushing Right	1	104520-1-00		D-46	Taper Center Right	1	104848-0-01	
D-22	Screw	1	121007-0-01		D-47	Screw	1	100251-0-01	
D-23	Lower Shaft Collar	1		Collar	D-48	Oil Stopper	1	118559-0-01	
D-24	Screw	2	101700-0-03	181996-0-01	D-49	Screw	2	009670-8-12	
D-25	Lower Shaft	1	145517-0-01		D-50	Felt	1	107155-0-01	
D-26	Oil Felt	1	145751-0-01						

E. Presser Foot and Knee Lifter Mechanism



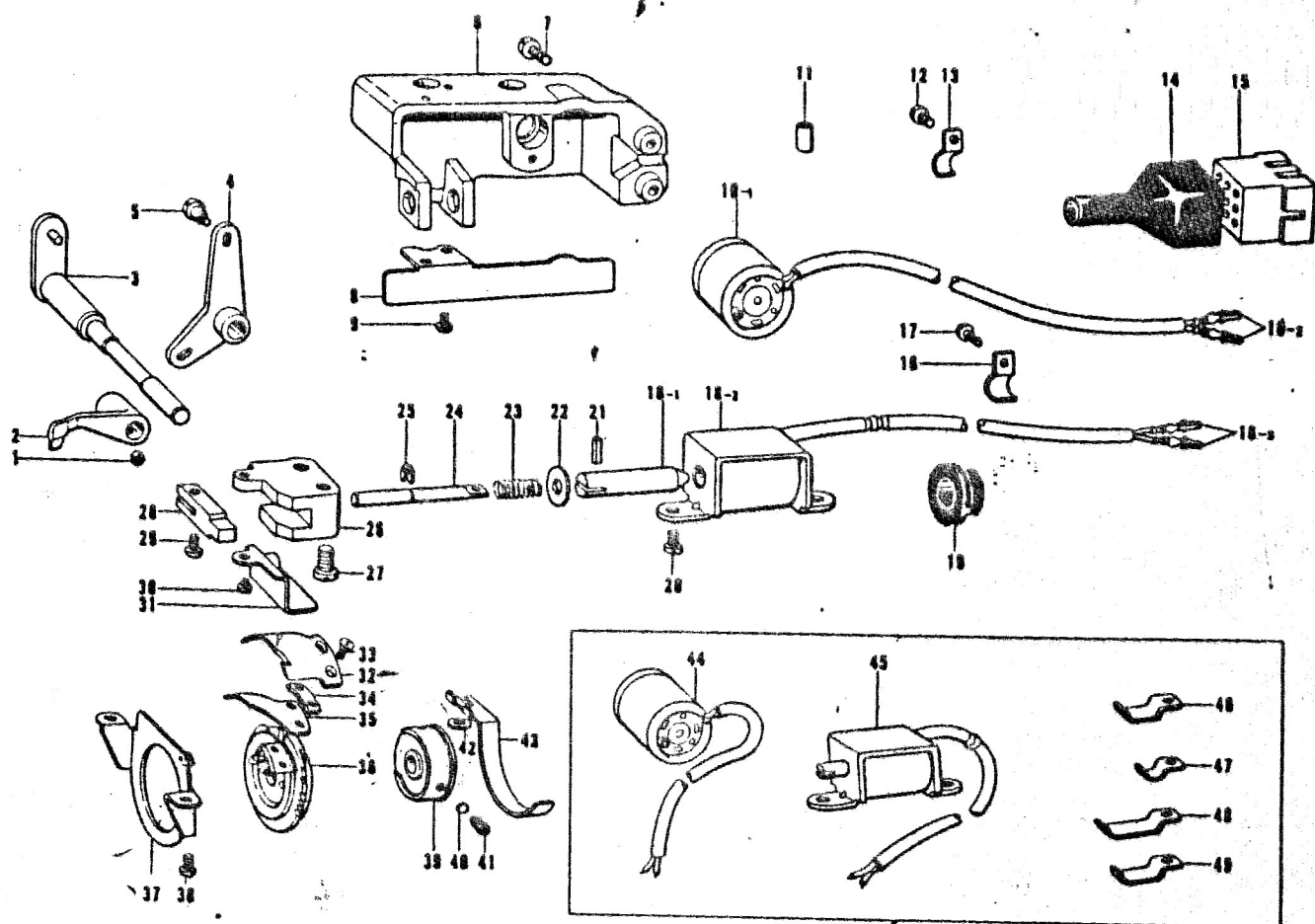
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
E-1-1	Screw	1	141207-0-01		E-22	Knee Lifter Upper Crank Shaft	1	109145-0-01	
E-1-2	Presser Spring Bar	1	141208-0-01		E-23	Screw	1	100251-0-01	Knee Lifter Crank Upper Assembly
E-2	Presser Spring Washer	1	140407-0-01		E-24	Knee Lifter Crank Upper	1	142756-0-01	
E-3	Presser Spring	1	141209-0-01		E-25	Pin	1	045161-0-00	
E-4	Presser Bar	1	111466-0-01		E-28	Knee Lifter Connecting Rod	1	141168-0-01	
E-5	Screw	1	100294-0-01		E-29	Knee Lifter Complying Bar	1	145573-0-00	
E-6	Presser Bar Lifter Bracket	1	100290-0-01		E-37	Bolt	1	017762-0-13	
E-7	Presser Bar Lifting Connector	1	109144-0-01		E-38	Knee Lifter Joint	1	146039-0-01	
E-8	Screw	1	151604-0-01	Presser Bar Clamp Assembly 180102-0-01	E-39	Bolt	1	100463-0-01	
E-9	Presser Bar Clamp	1			E-40	Knee Lifter Bar	1	104819-0-02	Knee Lifter Assembly
E-10	Presser Bar Bracket Thread Guide	1	111469-0-01		E-41	Bolt	1	110087-0-01	181427-0-01
E-11	Screw	1	009680-7-13		E-42	Knee Lifter Plate Stopper	1	114967-0-01	
E-12	Presser Bar Bushing	1	111467-0-01		E-43	Knee Lifter Plate	1	114968-0-01	
E-13	Screw	1	001670-8-14		E-44	Knee Lifter Cover	1	140503-0-01	
E-14	Presser Foot Complete	1	111330-0-01	140952-0-01	E-45	Nut	1	021680-2-02	
E-15	Hinge Screw	1	109163-0-01		E-46	Presser Bar Lifter Cam	1	142015-0-01	
E-16	Tension Release Lever	1	111470-0-00		E-47	Presser Bar Lifter Shaft	1	142017-0-01	
E-17	Tension Release Lever Spring	1	100406-0-01		E-48	Presser Bar Lifter Lever	1	142016-0-01	
					E-49	Bolt	1	142018-0-01	

F. Lubrication



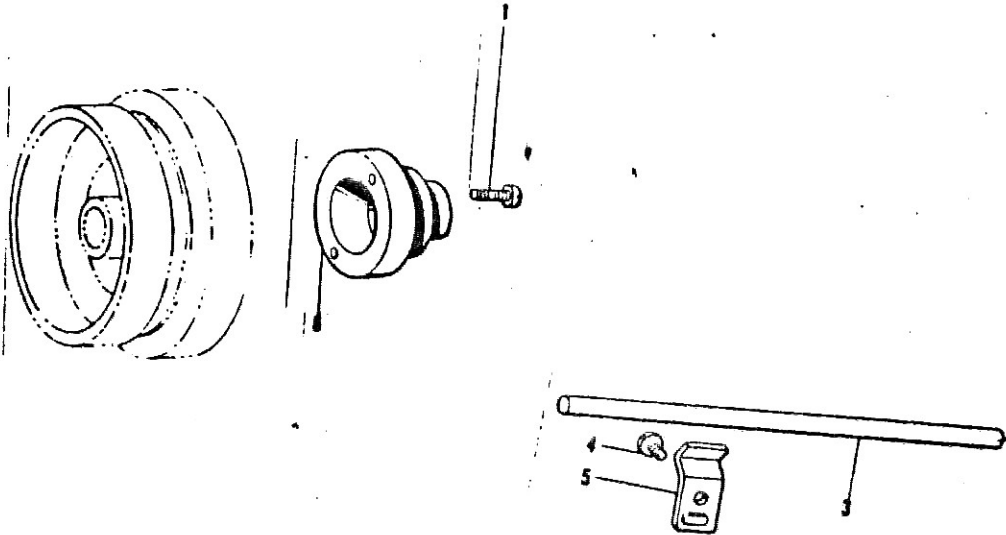
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
F-1	Wick	1	108804-0-01		F-27	Pump Filter	1	144872-0-01	
F-2	Wick	1	109405-0-01		F-28	Screw	3	009680-7-13	
F-3	Screw	1	009670-5-12		F-29	Wick Supporter	1	109171-0-01	
F-4	Tube Hold	1	148806-0-01		F-30	Vinyl Tube	1	104566-0-01	
F-5	Felt Support	1	145737-0-01		F-31	Wick	1	108801-0-01	
F-6	Dust Cover With Tube	1	145792-0-01		F-32	Screw	2	009670-5-12	
F-7	Tube Guard	1	146326-0-01		F-35	Wick Supporter	1	104567-0-01	
F-8	Upper Oil Tube	1	146329-0-00		F-36	Wick	1	108802-0-01	
F-9	Screw	1	145992-0-01		F-37	Packing	1	146040-0-01	
F-10	Tube Holder	1	145542-0-01		F-38	Screw	1	140518-0-01	
F-11	Screw	1	009680-6-12		F-39	O Ring	1	081007-0-70	
F-12-1	Oil Tube	1	145540-0-01		F-40	Oil Cap	1	140480-0-01	
F-12-2	Tube	1	146253-0-00		F-41	Oil Pan	1	149580-0-01	
F-13	Oil Hole Bolt for Oil Gauge	1	143196-0-01		F-42	Knee Lifter	1	146037-0-01	
F-14	O Ring	1	081014-6-70		F-43	Bolt	1	146367-0-01	
F-15	Oil Gauge Window	1	104547-0-01		F-44	Screw	2	104885-0-01	
F-16	Oil Gauge Flange	1	104546-0-01		F-45	Nut	2	100022-0-04	
F-17	Screw	4	102538-0-02		F-46	Spring	1	146038-0-01	
F-18	Joint	1	144878-0-01		F-47	Stop Ring	1	146293-0-01	
F-19	Oil Draining Screw	1	112467-0-02		F-48	Knee Lifter Shaft	1	146036-1-01	
F-20	Spring	1	144876-0-01		F-49	Bushing	2	149578-0-00	
F-21	Plunger	1	144875-0-01		F-50	Oil Stopper	1	146196-0-01	
F-22	Pump Body	1	148848-0-01	Pump Body Assembly 181476-1-01					
F-23	Propeller	1	148349-0-01						
F-24	Pump	1	144869-0-01						
F-25	Spring	2	144374-0-01						
F-26	Screw	4	009670-8-12						

G. Thread Trimmer and Tension Releaser



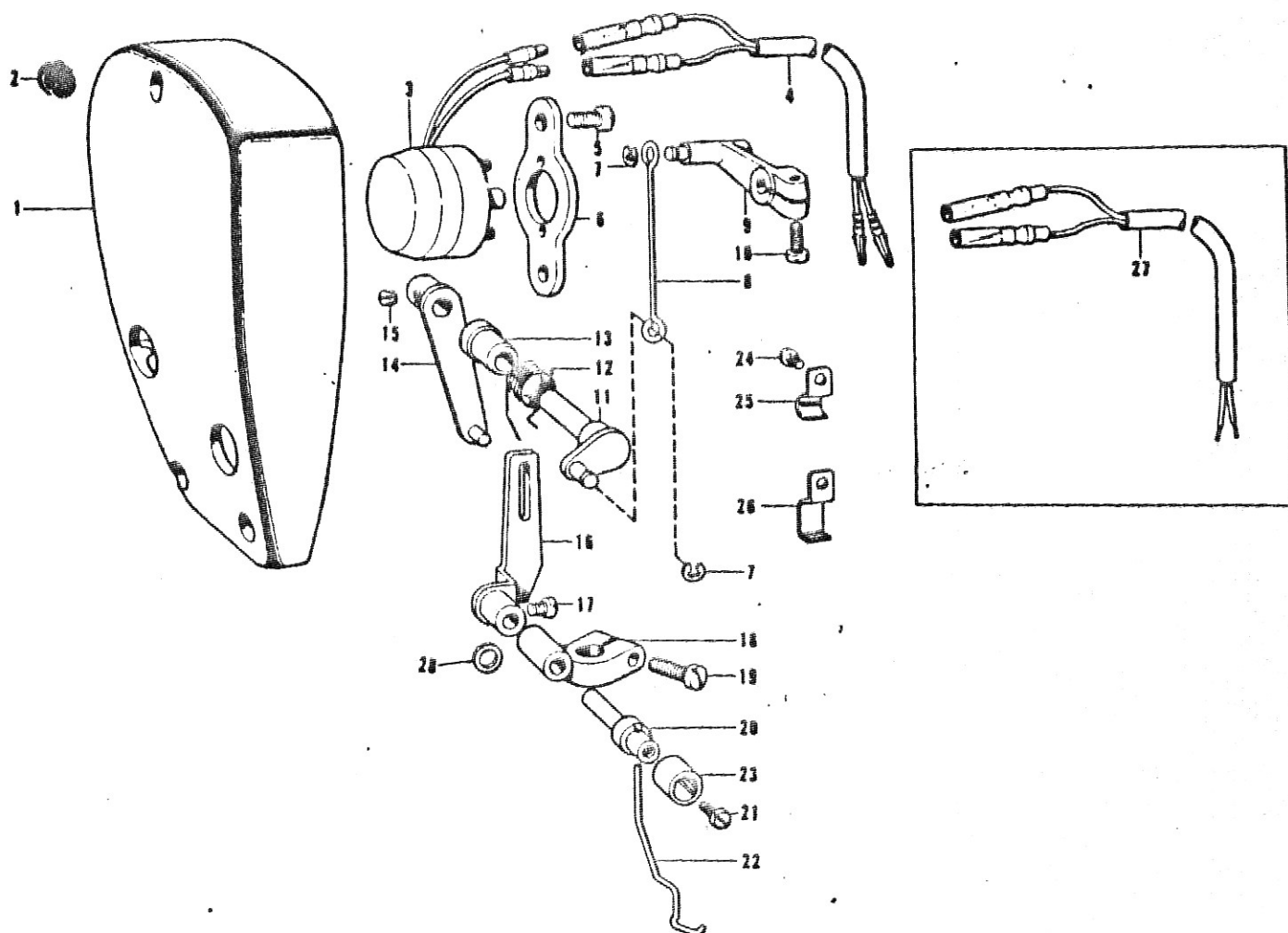
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
G-1	Screw	1	102716-0-03		G-23	Spring	1	145621-0-01	
G-2	Thread Release Lever	1	148327-0-01		G-24	Stud	1	145620-0-01	
G-3	Thread Release Stud	1	148328-0-01		G-25	Stop Ring	1	048030-3-42	
G-4	Thread Release Link	1	147106-0-01		G-26	Stopper Guide	1	145618-0-01	
G-5	Screw	1	120263-0-01		G-27	Screw	2	145619-0-01	
G-6	Solenoid Holder	1	147110-1-01		G-28	Stopper	1	145617-0-01	
G-7	Screw	2	009681-0-13		G-29	Screw	1	009660-7-12	
G-8	Solenoid Cover	1	148451-0-01		G-30	Screw	1	009679-3-12	
G-9	Screw	2	001639-3-12		G-31	Oil Stopper Plate	1	145623-0-01	
G-10-1	Rotary Solenoid	1		G-10 Tension Release Solenoid Assembly	G-32	Movable Knife S	1	154675-0-01	
G-10-2	Terminal Pin	2			G-33	Screw	2	141542-0-01	
G-11	Vinyl Tube	1	121823-0-01		G-34	Spacer	1	146187-0-00	
G-12	Screw	2	009670-6-12		G-35	Lower Thread Finger	1	1154786-0-01	
G-13	Supporter	2	142268-0-01		G-36	Movable Knife Holder Assembly S	1	1154744-0-01	
G-14	Connector Cap	1			G-37	Holder Plate	1	145933-1-01	
G-15	Nylon Connector	1			G-38	Screw	2	009680-6-12	
G-16	Cord Holder	1	145595-0-01		G-39	Thread Trimming Clutch	1	149709-0-01	
G-17	Screw	2	009680-6-12		G-40	Washer	3	147397-0-01	
G-18-1	Plunger	1			G-41	Screw	3	014680-6-22	
G-18-2	Solenoid Coil	1		G-18 Thread Trimming Solenoid Assembly	G-42	Washer	1	025680-1-33	
G-18-3	Terminal Pin	2			G-43	Movable Knife Cover	1	148035-0-01	
G-19	Bushing	1	146080-0-00		G-44	Rotary Solenoid	1	148327-0-01	
G-20	Screw	2	009680-7-12		G-45	Thread Trimmer Solenoid	1	145910-0-01	
G-21	Pin	1	047300-8-42		G-46	Tube Holder	2		
G-22	Washer	1	025040-3-35		G-47	Cord Holder	2		
					G-48	Cord Holder	1		
					G-49	Cord Holder	1		

H. Synchronizer Mechanism



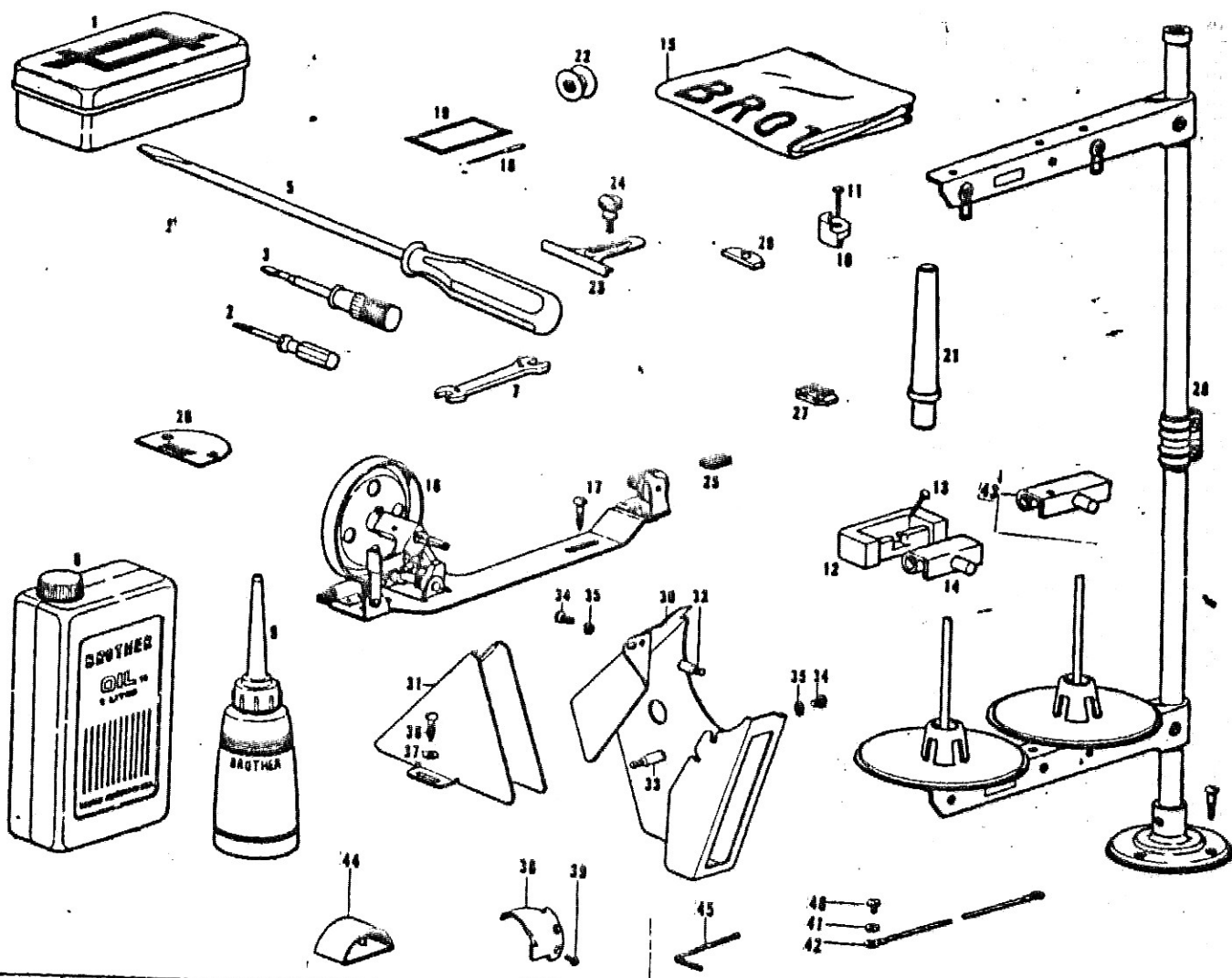
Ref. No.	Name of Part	Q'ty	Parts No.	Assembly No.
H-1	Screw	2	009711-4-12	
H-3	Synchronizer Holder Bar	1	218944-0-01	
H-4	Set Screw	1	009761-4-12	
H-5	Holder	1	216332-0-01	
H-6	Slip Ring Support	1	148825-0-01	

K. Thread Wiper Mechanism



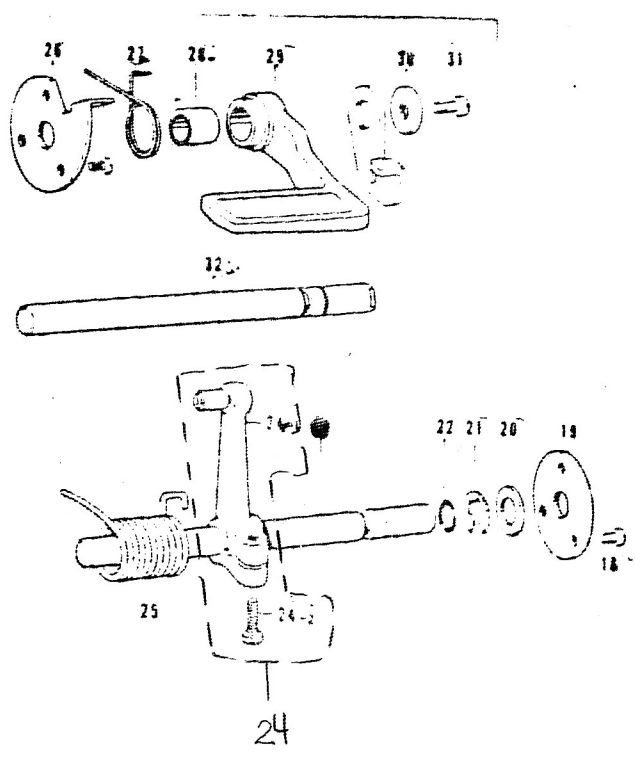
Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Q'ty	Parts No.	Assembly No.
K-1	Face Plate	1	148330-0-01		K-15	Screw	2	102716-0-02	
K-2	Bushing	1	146080-0-00		K-16	Grooved Link	1	146091-0-01	
K-3	Thread Wiper Solenoid	1	146082-0-00		K-17	Screw	1	111443-0-03	
K-4	Cord	1			K-18	Thread Wiper Supporter	1	146093-0-01	
K-5	Screw	2	009680-8-12		K-19	Screw	1	009681-2-12	
K-6	Solenoid Set Plate	1	146081-0-01		K-20	Thread Wiper Stud	1	146092-0-01	
K-7	Stop Ring	2	048025-3-42		K-21	Screw	1	001670-5-12	
K-8	Wire Link	1	146087-0-01		K-22	Thread Wiper	1	146094-0-01	
K-9	Solenoid Link	1	146086-0-0-		K-23	Thread Wiper Stud Collar	1	146288-0-01	
K-10	Screw	1	009671-0-13		K-24	Screw	3		
K-11	Thread Wiper Crank	1	146088-0-01		K-25	Supporter	3		
K-12	Spring	1	146089-0-01		K-26	Tube Holder	3		
K-13	Bushing	1	146079-0-01		K-27	Thread Wiper Cord	1	146077-0-09	65/103 co/
K-14	Thread Wiper Lever	1	146090-0-01		K-28	Washer	1	102707-0-02	

Z. Accessory



Ref. No.	Name of Parts	Qty	Parts No.	Assembly No.	Ref. No.	Name of Parts	Qty	Parts No.	Assembly No.
Z-1	Accessory Box	X	110436-0-01		Z-22	Bobbin		117132-0-01	
Z-2	Screw Driver		142443-0-01		Z-23	Ruler		100471-0-01	
Z-3	Screw Driver	X	118837-0-01		Z-24	Thumb Screw	X	108120-0-01	
Z-5	Screw Driver		101572-1-01		Z-25	Magnet		112525-0-00	
Z-7	Spanner 8x9	X	100887-0-01		Z-26	Needle Plate			
Z-8	Oil Tank	X	145277-1-03		Z-27	Feed Dog			
Z-9	Oiler	X	114483-0-01		Z-28	Cotton Stand Assembly			
Z-10	Head Cushion	X	146003-1-01		Z-29	Oil Pan Cushion		146004-0-01	
Z-11-13	Nail		109714-0-00		Z-30	Belt Cover UA	X	147849-0-01	
Z-12	Blower		143910-0-01		Z-31	Belt Cover D	X	147854-0-01	
Z-14	Hinge		143882-0-01		Z-32	Stud	X	147856-0-01	
Z-15	Head Cover		144222-0-01		Z-33	Stud	X	147858-0-01	
Z-16	Bobbin Winder Assembly	X	117963-0-01		Z-34	Screw		009680-8-12	
Z-17	Screw	X	100666-0-02		Z-35	Washer	X	028680-2-42	
Z-18	Needle				Z-36	Screw	X	100666-0-02	
Z-19	Needle Bag				Z-37	Washer	X	025750-1-32	
Z-21	Head Rest		100477-0-01		Z-38	Movable Knife		115475-0-01	
					Z-39	Screw		141542-0-01	
					Z-40	Screw		009680-8-13	
					Z-41	Washer		025680-2-34	
					Z-42	Earth Wire	X	145946-0-01	
					Z-43	Head Hinge	X	145945-0-01	
					Z-44	Movable Knife Case	X	145990-0-01	
					Z-45	Spanner	X	146049-0-01	

* The details of included accessories are subject to change.



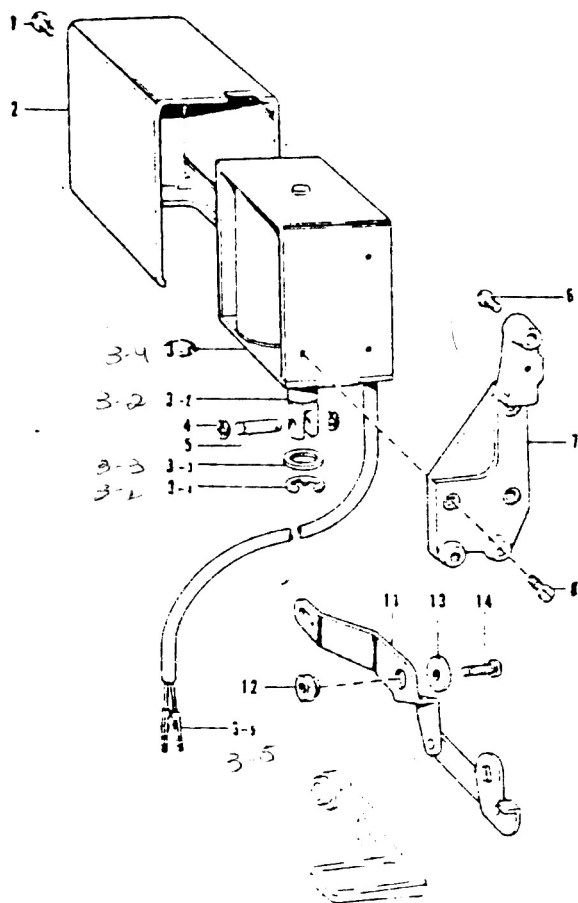
C-19	Screw	3	007620-5-13	X
C-20	Reverse	1		
C-21	Washer	1	023100-1-27	X
C-22	Stop Ring	1	046600-8-4	
C-23	Packing	1	046600-4-00P	
C-24-1	Lever Assembly	1	X	
C-24-2	Screw	1	009711-4-12	
C-25	Spring	1	147598001	X
C-26	Reverse Lever Stopper	1	149083001	X
C-27	Reverse Lever Presser Spring	1	149088001	X
C-28	Collar	1	149087001	X
C-29	Reverse Lever	1	149086001	X
C-30	Washer	1	116662003	
C-31	Screw	1	009710812	
C-32	Reverse Lever Shaft	1	149085001	X

048080-3-42

C-24-1 * 181935-0-01 - ALAVANCA

J. Quick Back Mechanism (-400, -500)

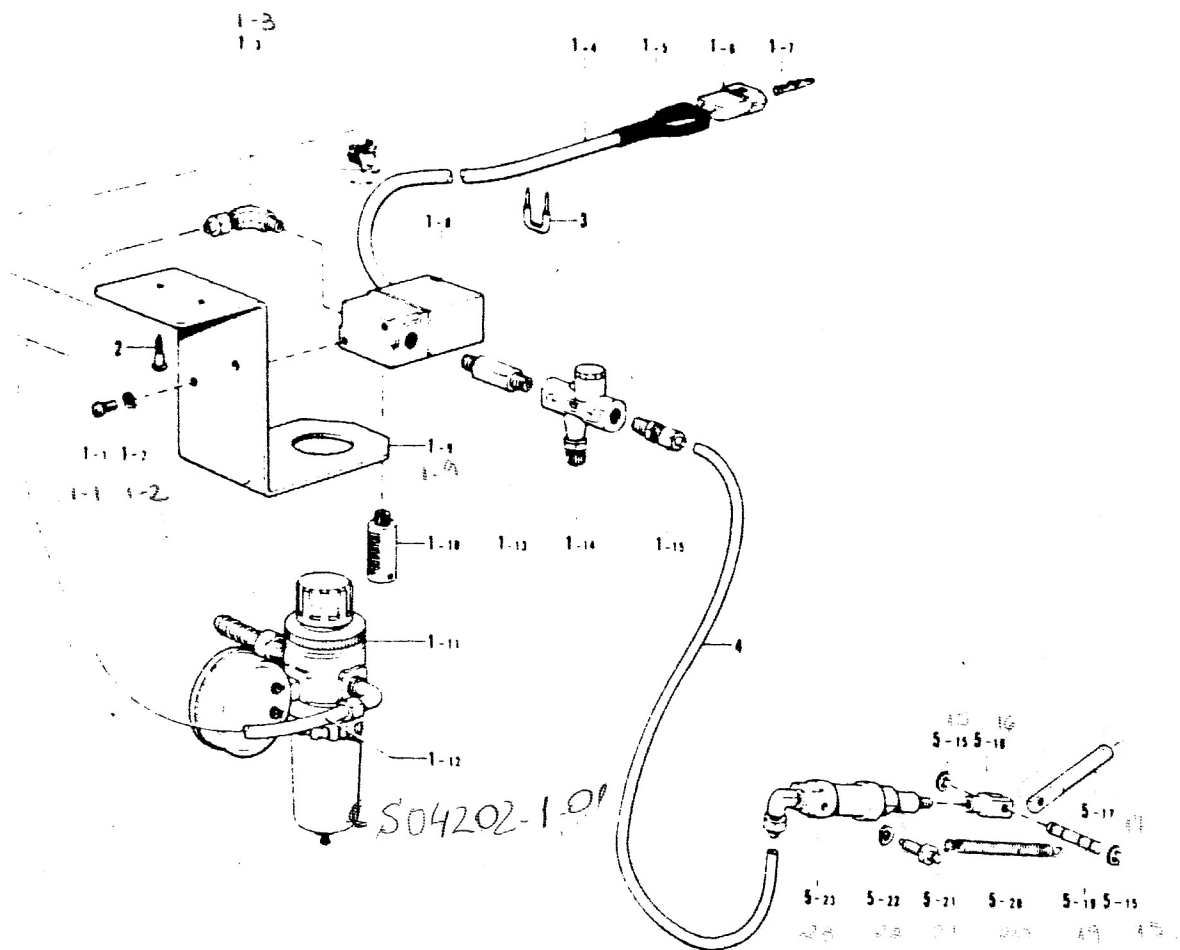
2



(151181-0-01)
compl.

Ref. No.	Name of Parts	Qty.	Parts No.	Assembly No.	Ref. No.	Name of Parts	Qty.	Parts No.	Assembly No.
J-1	Screw	1	007500-6-12	0	J-12	Solenoid Lever Stud	1	149094-0-01	149094-0-01
J-2	Solenoid Cover	1	146103-0-00		J-13	Washer	1	149095-0-01	149095-0-01
J-3-1	Solenoid	1			J-14	Screw	1	000781-4-12	000781-4-12
J-3-2	Plunger	1							
J-3-3	Rubber Stopper	1	446404-0-00	J-3 Reverse Solenoid					
J-3-4	Stop Ring	1	146103-0-01						
J-3-5	Terminal Pin	2		151181001					
J-4	Stop Ring	2	047749-3-12	048040-3-42					
J-5	Pin	1	147754-0-01	14774-0-01					
J-6	Screw	3	000781-8-12	000781-8-12					
J-7	Reverse Solenoid Bracket	1	149140-1-01	149140-1-01					
J-8	Screw	3	007500-8-12	007500-8-12					
J-11	Solenoid Lever Assembly	1	149089-0-01	149089-0-01					

K. Presser Foot Lifter <Air Type> Mechanism 305 - 405 - 505

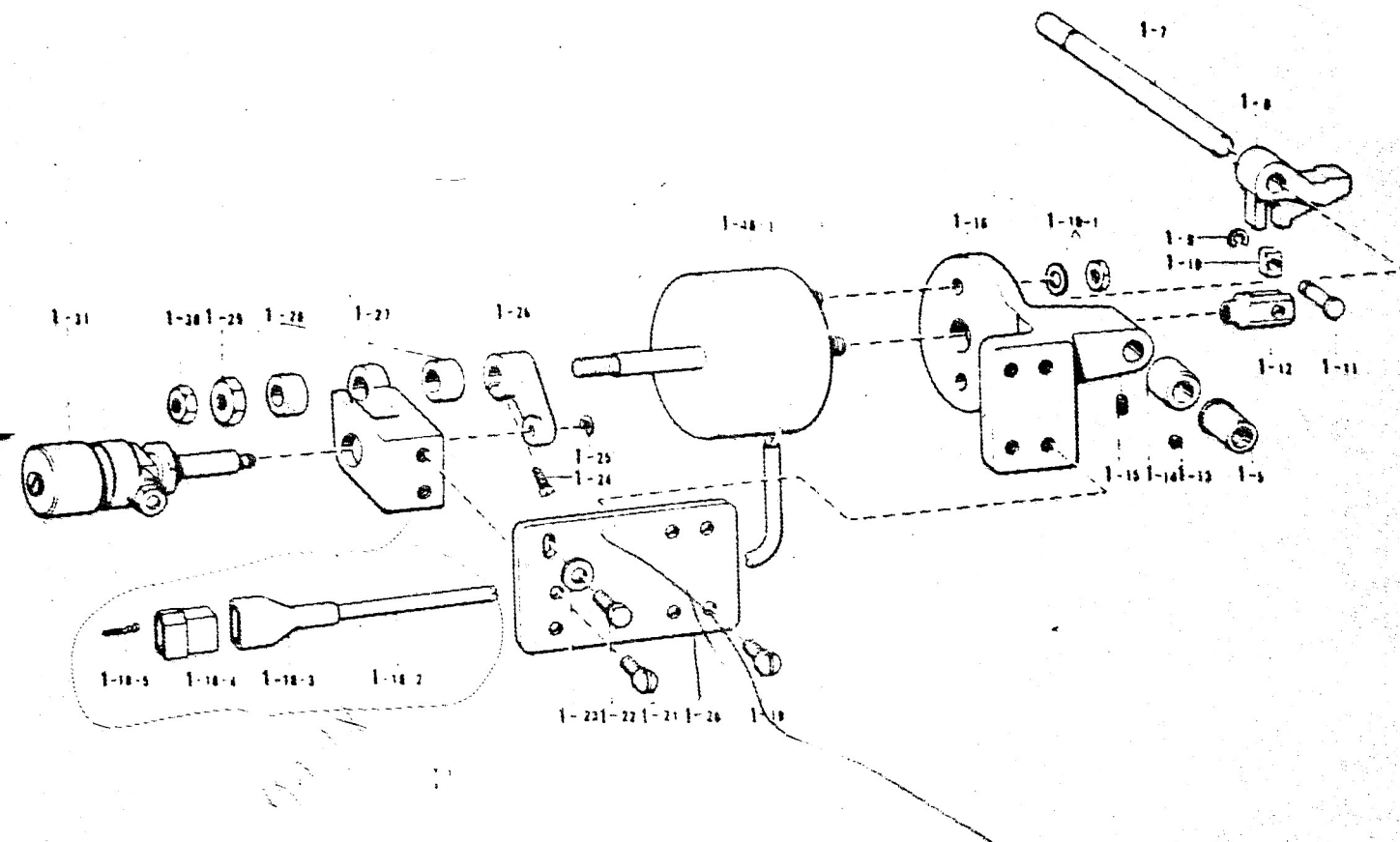


Ref. No.	Name of Parts	Qty	Part No.	Assembly No.
K-1-1	Screw 5 x 10	2	002501-0-03	002501-0-03
K-1-2	Spring Washer 2-6	2	028050-2-43	028050-2-43
K-1-3	1/8" Elbow	1	151147-0-01	151147-0-01
K-1-4	Insulator Tube	1	154215-0-01	154215-0-01
K-1-5	Connector Cap	1	143489-0-01	143489-0-01
K-1-6	Nylon Connector 2P	1	143488-0-01	143488-0-01
K-1-7	Terminal Pin	1	143549-0-00	143549-0-00
K-1-8	Air Valve	1	151127-1-00	151127-1-00
K-1-9	Air Unit Holder Plate	1	154214-0-01	154214-0-01
K-1-10	Silencer	1	140662-0-01	140662-0-01
K-1-11	Air Unit Assembly	1	151153-1-01	151153-1-01
K-1-12	Air Tube	1	140540-0-00	140540-0-00
K-1-13	Speed Control Connector	1	142037-0-00	142037-0-00
K-1-14	Speed Controller	1	142038-0-01	142038-0-01
K-1-15	1/8" Connector	1	140543-0-00	140543-0-00
K-2	Screw 4.5 x 20	2	101118-0-01	101118-0-01
K-3	Staple	8	200190-0-01	200190-0-01
K-4	Air Tube	1	151154-0-00	151154-0-00

K-1
Air Unit Valve
Assembly
151126-1-01

K-5-15	Stop Ring E4	2	048040-3-42
K-5-16	Piston Rod Joint	1	140627-0-01
K-5-17	Piston Drive Link	1	140668-0-01
K-5-18	Bolt 7.94	1	100463-0-01
K-5-19	Pin	1	146986-0-01
K-5-20	Spring	2	146985-0-01
K-5-21	Screw	2	147141-0-01
K-5-22	Spring Washer 2-6	2	028060-2-42
K-5-23	Presser Foot Cylinder Assembly	1	146157-0-01

M. Presser Foot Lifter <Solenoid Type> Mechanism - 303-403-503



153117-0-01

M-1-18-Presser Foot Lifting Solenoid Assembly OKOK

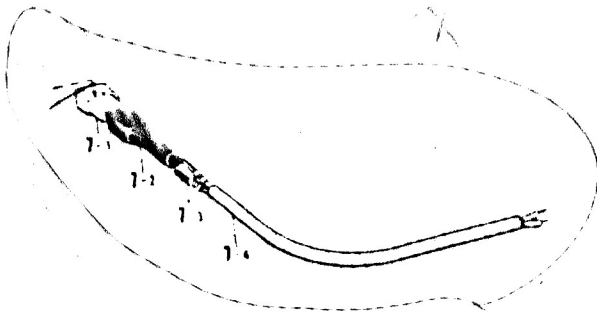
7	Knee Lifter Shaft	1	153127-0-01
8	Presser Foot Lifter	1	153126-0-01
9	Stop Ring E4	1	04804-0-02
10	Needle Bar Guide Slide Block	1	00263-0-01
11	Pin	1	153245-0-01
12	Piston Rod Joint	1	153198-0-01
13	Screw 6 35	1	101706-0-03
14	Set Collar	1	141351-0-01
15	Screw 5 95	1	013760-6-12
16	Solenoid Bracket	1	153116-0-00

M-1
Oil Pan
Assembly
153130-0-01

M-1-19	Screw 5 95 x 12	4	009761-2-12
M-1-20	Solenoid Bracket	1	153120-0-01
M-1-21	Screw 5 95 x 12	2	007961-2-12
M-1-22	Bolt 5 95 x 14	1	017761-4-12
M-1-23	Washer 6	1	025060-2-32
M-1-24	Screw 4 76 x 14	1	009711-4-12
M-1-25	Stop Ring E3	1	048030-3-42
M-1-26	Damper Lever	1	153121-0-01
M-1-27	Damper Supporter	1	153123-0-01
M-1-28	Rubber Cushion	2	153122-0-00
M-1-29	Nut M8	1	158677-0-01
M-1-30	Nut 8	1	021080-3-02
M-1-31	Damper Assembly	1	153124-0-01

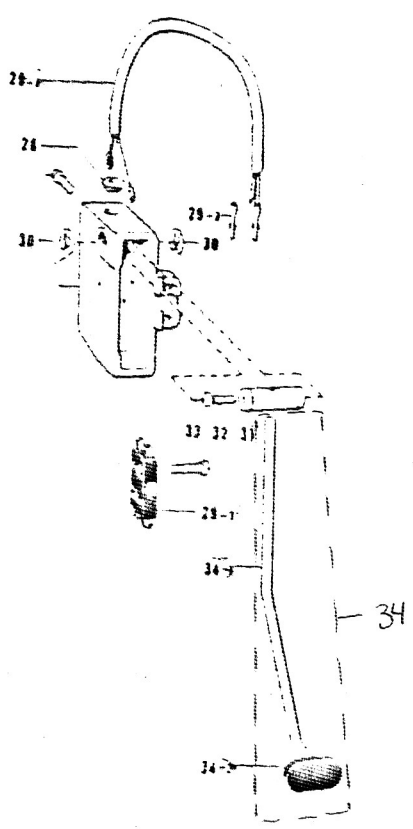
M-1
OIL PAN
ASSEMBLY
153130-0-01

CORD ASSEMBLY - 300-400-500

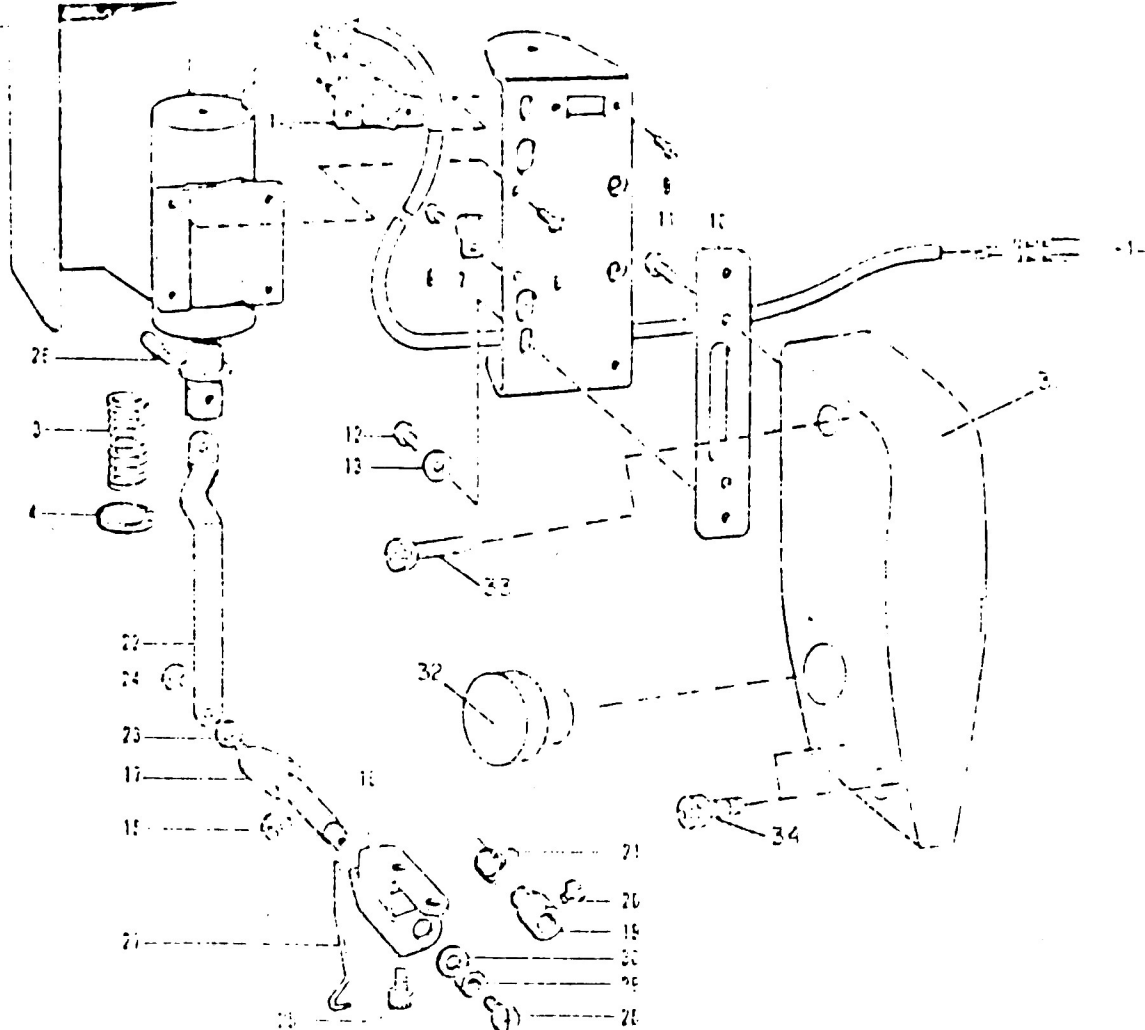


N-7- 1	Nylon Connector 2P	1	143499-0-00	N-7 Cord Assembly 154196001
N-7- 2	Connector Cap	1	143489-0-00	
N-7- 3	Terminal Pin (Female)	2	143548-0-00	
N-7- 4	Cable	1		

H. Quick Back Switch Mechanism (400, 500)

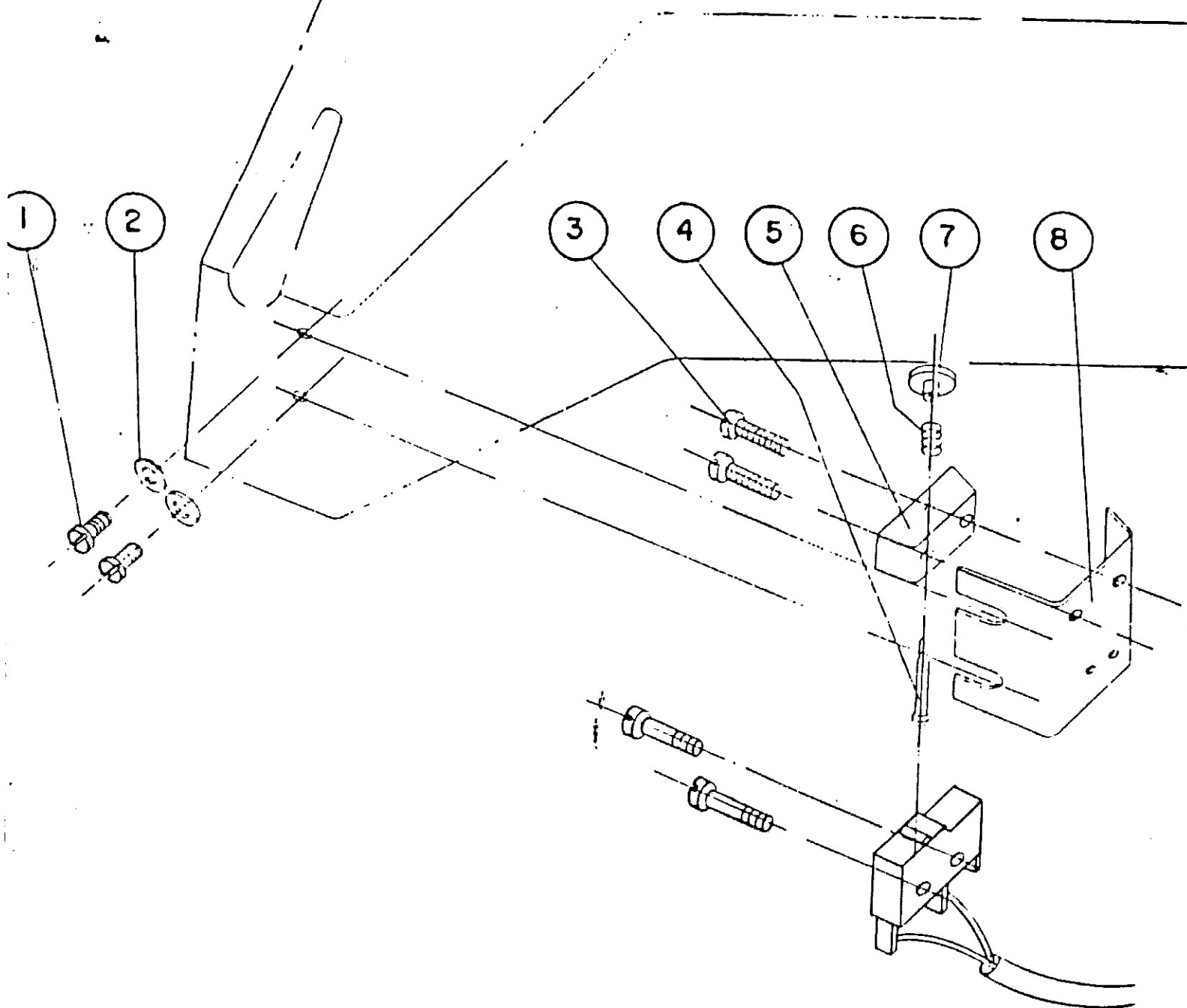


H-28	Bushing	1	446080-0-00	OK
H-29-1	Reverse Switch Cord	1		
H-29-2	Terminal Pin	2		
H-29-3	Micro Switch	1	X 1406-3-6-40	H-29 Switch X
H-30	Stop Ring	2	04312-1-40	51185001
H-31	Actuator Pin	1	H-31-1-0001	
H-32	Screw	1	04948-1-14	
H-33	Screw	2	14012-1-040	
H-34-1	Actuator	1	146122-0-01	H-34 Reverse Finger
H-34-2	Actuator	1	146128-0-00	146126001

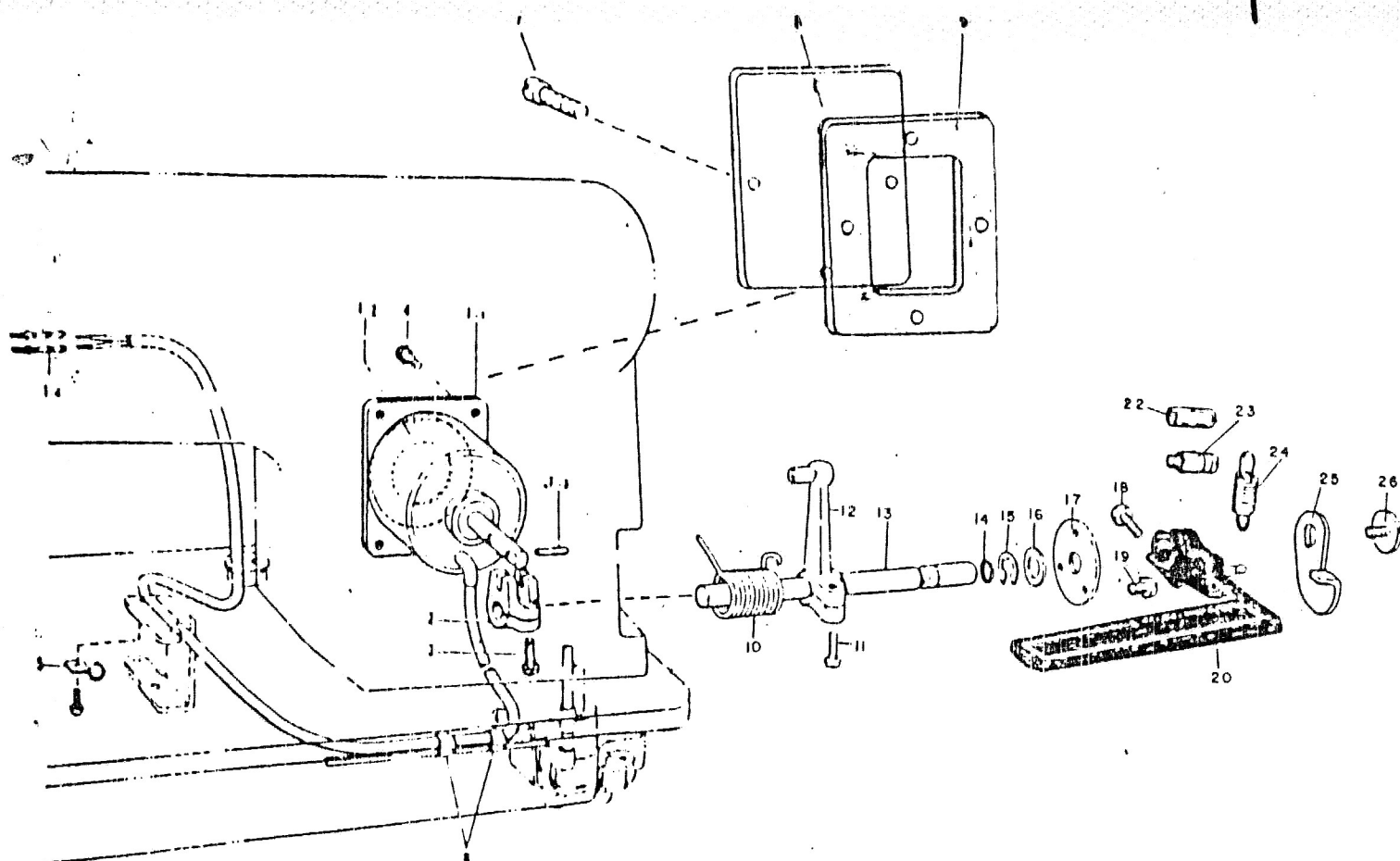


MECANISMO DO LIMPA FIO

1.1 - Solenoide limpador do fio	des.nº	20 - Parafuso 9/64" 40P x 6	des.nº 144.041.001
1.3 - Interruptor do limpa fio	des.nº 502.594.001	21 - Mola do limpa fio	des.nº 502.678.001
1.4 - Conector	des.nº 502.665.001	22 - Conector do limpa fio	des.nº 502.670.001
1.5 - Tubo protetor	des.nº -	23 - Arruela	des.nº 100.735.001
1.6 - Conector do Terminal	des.nº 143.849.000	24 - Anel elástico	des.nº 048.030.342
3 - Mola	des.nº 502.657.001	25 - Parafuso 11/64" 40P x 5	des.nº 018.630.512
4 - Anel apoio da mola	des.nº 502.658.000	26 - Pino fixador do conector	des.nº 502.680.001
5 - Placa de fixação do solen.	des.nº 502.659.001	27 - limpa fio	des.nº 502.681.001
6 - Parafuso 9/64" 40P x 6	des.nº 062.670.512	28 - Parafuso 11/64" 40P x 5	des.nº 06.080.512
7 - Braçadeira	des.nº 140.647.001	29 - Bucha p/fixador limpa fio	des.nº 146.288.001
8 - Parafuso 9/64" 40P x 6	des.nº 62.670.512	30 - Arruela	des.nº 5.3.677.001
9 - Parafuso 3 x 6	des.nº 007.300.512	31 - Tampa	des.nº 1016 T
10 - Capa suporte do solenoide	des.nº 502.670.001	32 - Tampa do óleo	des.nº 112.782.001
11 - Parafuso 11/64" 40P x 10	des.nº 062.681.012	33 - Parafuso	des.nº 06671-8-13
12 - Parafuso 11/64" 40P x 10	des.nº 062.680.712	34 - Parafuso	des.nº 06671-9-13
13 - Anel	des.nº 100.045.000		
14 - Capa do solenoide	des.nº 02.671.001		
15 - Parafuso 11/64" 40P x 5	des.nº 062.680.512		
16 - Suporte do limpa fio	des.nº 502.672.001		
17 - Pino apoiador limpa fio	des.nº 502.673.001		
18 - Anel elástico	des.nº 048.040.342		
19 - Fixador do limpa fio	des.nº 502.777.001		



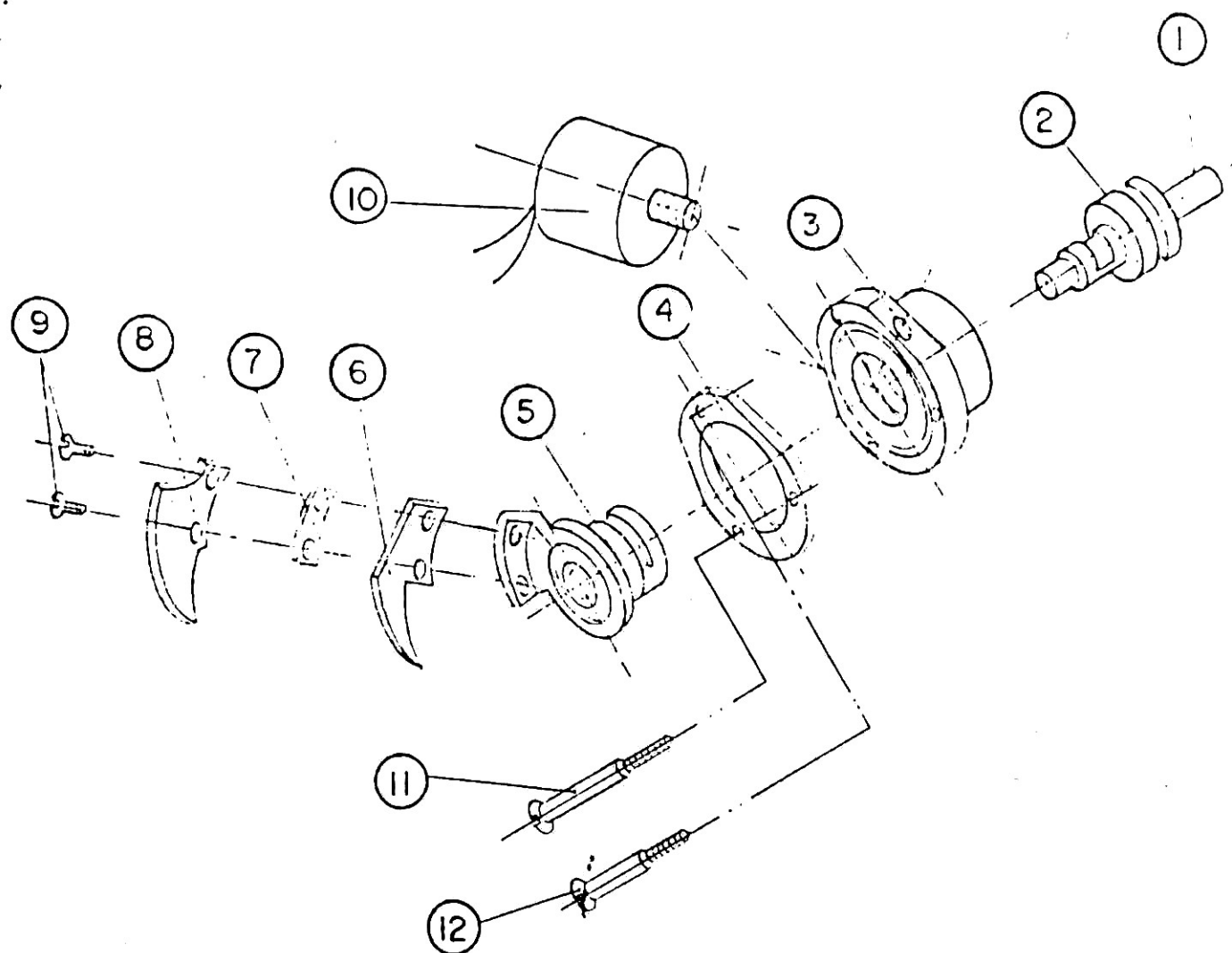
- 1 - Parafuso.....desenho nº 00 1670-8-14
- 2 - Arruela.....desenho nº 01672
- 3 - Parafuso.....desenho nº 009.671-0-13
- 4 - Eixo.....desenho nº 01673
- 5 - Suporte.....desenho nº 01674
- 6 - Mola.....desenho nº 01675
- 7 - Botão.....desenho nº 01676
- 8 - Protetor.....desenho nº 01677



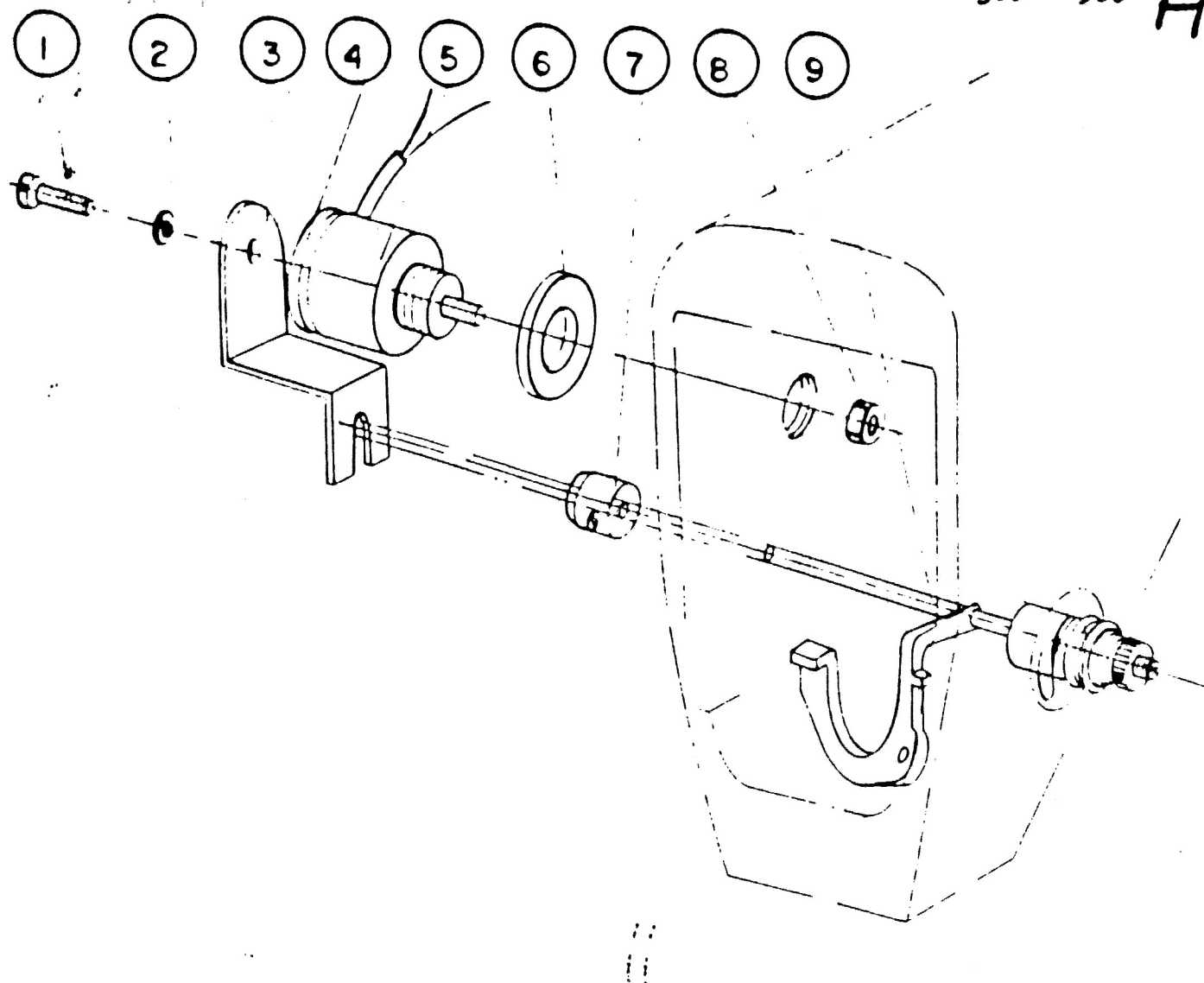
MECANISMO DE RETROCESSO AUTOMÁTICO

- 1.1 - Solenoide p/funcionamento do retrocesso...des.nº 504.204.001
- 1.2 - Redutor de atrito.....des.nº 504.204.001
- 1.3 - Pino $\varnothing 3 \times 14,8$des.nº 504.204.001
- 1.4 - Terminal.....des.nº 143.549.000
- 2 - Alavanca.....des.nº 502.600.000
- 3 - Parafuso.....des.nº 062.711.412
- 4 - Parafuso.....des.nº 062.711.012
- 5 - Braçadeira.....des.nº 140.647.001
- 6 - Tubo.....des.nº 146.523.000
- 7 - Parafuso.....des.nº 09.670-8-12
- 8 - Tampa.....des.nº 26.190
- 9 - Guarnição.....des.nº 250.190
- 10 - Mola interna.....des.nº 150.757.001
- 11 - Parafuso.....des.nº 062.711.412
- 12 - Biela.....des.nº 181.935.001
- 13 - Eixo de retrocesso.....des.nº 149.085.001
- 14 - "O" Ring.....des.nº 104.564.001
- 15 - Anel elástico.....des.nº 048.080.342
- 16 - Arruela.....des.nº 025.100.132
- 17 - Arruela.....des.nº 147.504.001
- 18 - Parafuso.....des.nº 062.711.412
- 19 - Parafuso.....des.nº 062.670.512
- 20 - Alavanca de retrocesso.....des.nº 502.559.001
- 22 - Tubo.....des.nº 153.132.000
- 23 - Apoio da mola.....des.nº 502.562.001

G. Thread Trimmer

MECANISMO DO CORTA-FIO

1- Eixo Inferior	desenho nº	410.089
2- Pene de Acionamento	"	1.688
3- Caixa do Mecanismo Trimmer	"	5.688
4- Anel de Fixação	"	6.688
5- Suporte das Facas	"	3.688
6- Faca-A	"	154.781.001
7- Distanciador	"	146.187.000
8- Faca-B	"	154.675.001
9- Parafuso	"	141.542.001
10- Solenoide	"	12.888
11- Parafuso-A	"	70.988
12- Parafuso-B	"	80.988



MECANISMO DE ABRIR TENSOR DO FIC

1-Parafuso.....	desenho nº	002.170.812
2-Arruela.....	"	100.988
3-Suporte.....	"	200.988
4-Eixo do solenóide.....	"	6788 G
5-Solenóide.....	"	7788 G
6-Arruela de borracha.....	"	300.988
7-Limitador.....	"	10.988
8- Forca.....	"	400.988
9- Pixo.....	"	20.988