

# **OPERATION, PARTS AND SAFETY MANUAL**

 **SIGNODE®**

**M410N-114-A**

**SEAL NOTCH JOINT**

**POWER STRAPPING MACHINE HEAD  
(HOT APPLICATION with PX)**

**IMPORTANT!  
DO NOT DESTROY**

It is the customer's responsibility to  
have all operators serviceman  
read and understand this manual.

Contact your local Signode representative  
for additional copies of the manual.

***READ ALL INSTRUCTIONS BEFORE OPERATING THIS SIGNODE RPRODUCT***

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## PARTS LIST



### **WARNING**

All parts must be periodically inspected and replaced if worn or broken. Failure to do this can affect a machine's operation and present a safety hazard.

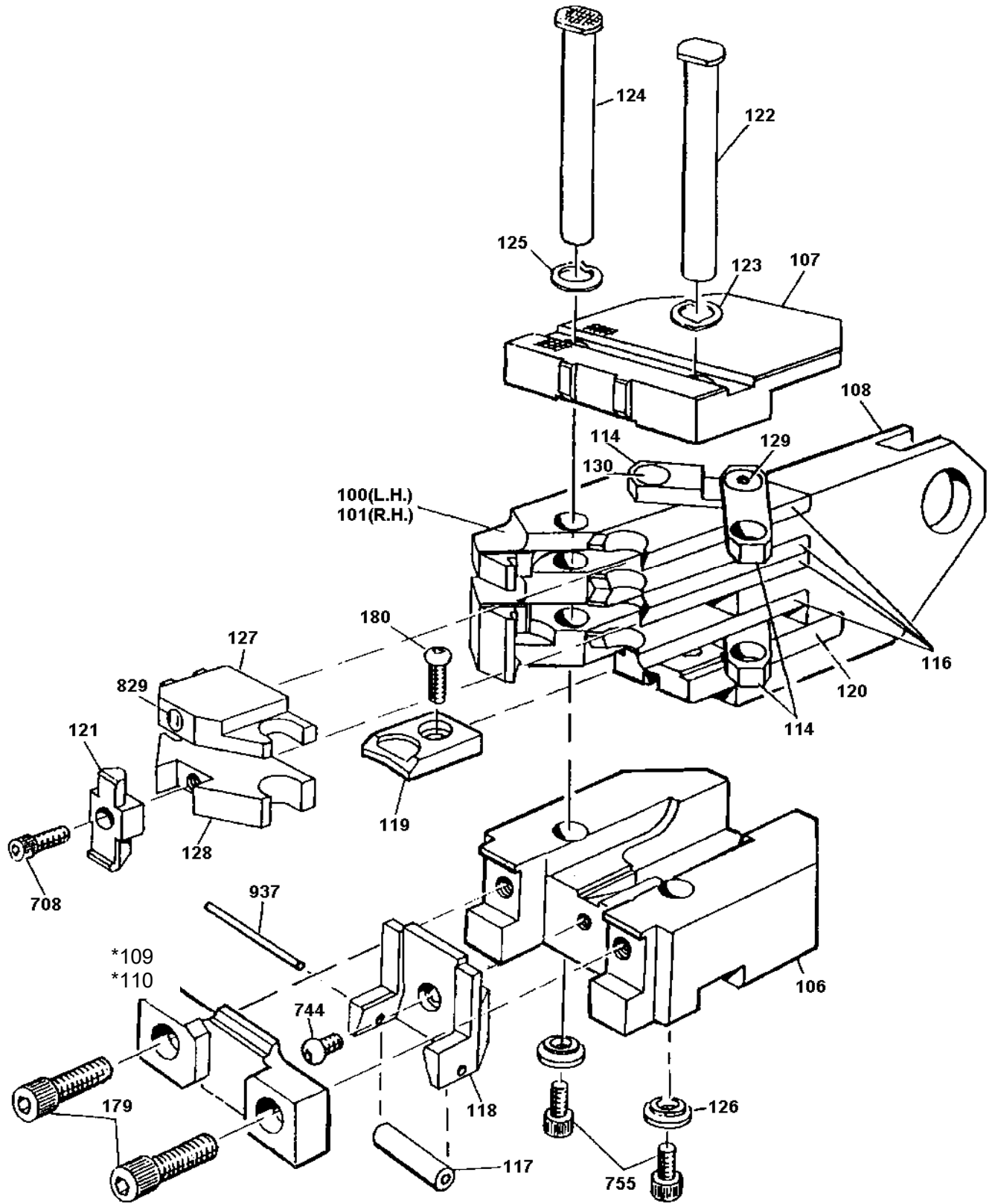
## PARTS LIST

JAW STACK ASSEMBLY,      567483, N-114-L-0.8  
   568170, N-114-L-1.1  
   568171, N-114-S-0.8  
   568172, N-114-S-1.1

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
100	1	568000	LEFT JAW
101	1	568001	RIGHT JAW
106	1	568006	LOWER GUIDE BLOCK
107	1	568007	UPPER GUIDE BLOCK
108	1	568008	YOKE
*109	1	568009	STATIONARY CUTTER, 1.1(.044")
*110	1	568010	STATIONARY CUTTER, 0.8(.025-.035")
114	4	568014	JAW LINK
*115	4	568015	SHORT NOTCHER, APEX
*116	4	568016	LONG NOTCHER, MAGNUS
117	1	568017	ROLLER
118	1	568018	BAFFLE PLATE
119	1	568019	MOVING CUTTER
120	1	568020	CUTTER HOLDER
121	1	568021	SEAL LIP
122	1	568022	JAW PIN, LEFT
123	A/R	568023	SHIM, LEFT
124	1	568024	JAW PIN, RIGHT
125	A/R	568025	SHIM, RIGHT
126	2	568026	WASHER
127	1	568027	UPPER CHAIR
128	1	568028	LOWER CHAIR
129	1	568029	YOKE PIN
130	2	568030	LINK & JAW PIN
179	2	568079	SCREW, STATIONARY CUTTER
180	1	568080	SCREW, MOVING CUTTER
708	1	569708	S. H. C. SCREW, M6X12
744	1	569744	S. H. B. C. SCREW, M8X16
755	2	569755	S. H. C. SCREW, NYLOK, M6X12
829	1	569829	MAGNET, KM00-1
937	1	569937	ROLL PIN, 5X45

\* Parts are determined by choice.

# JAW STACK ASSEMBLY

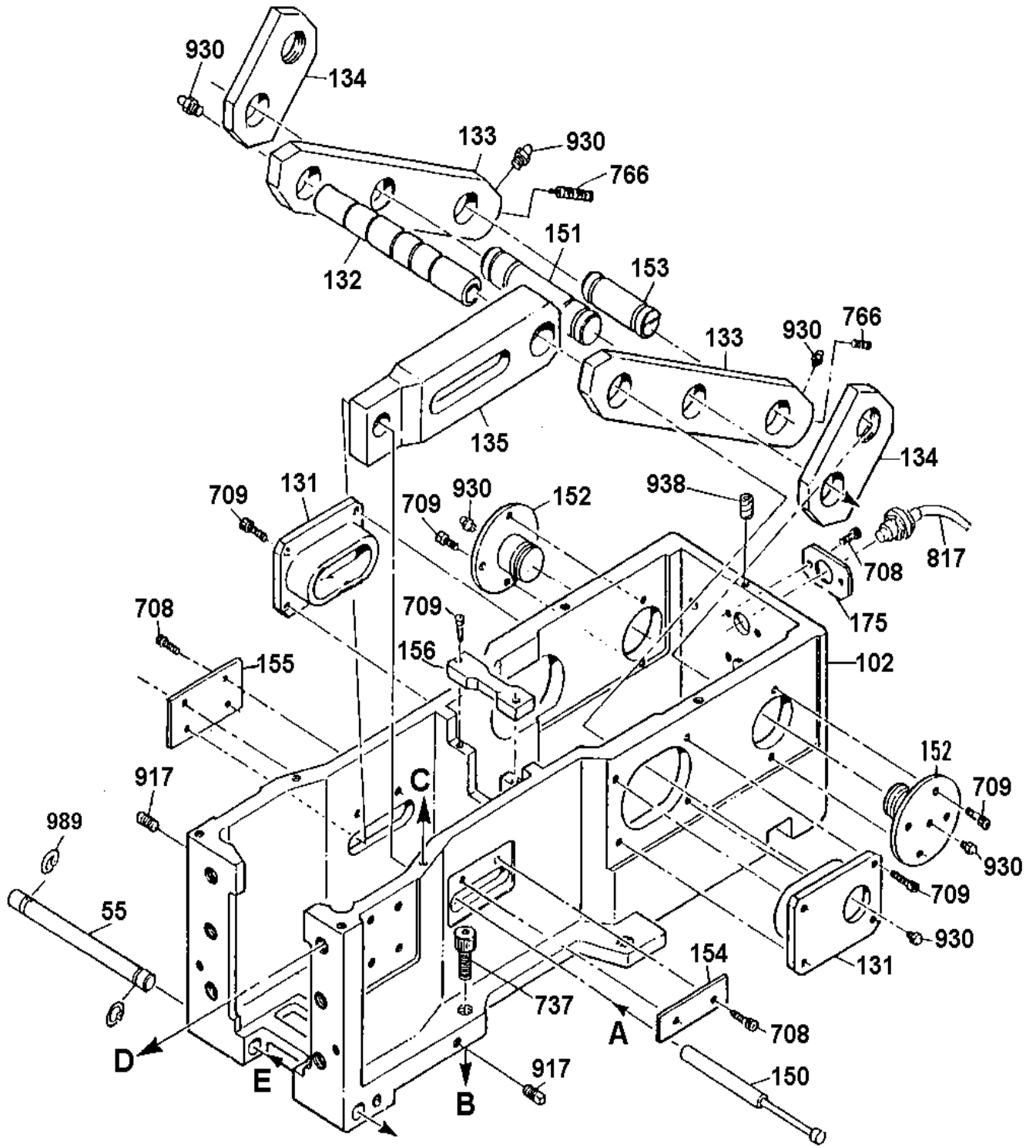


## 567950A , UPPER WELDMENT AND LINKAGE

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
102	1	568002	SEALER MECHANISM HOUSING
131	2	568031	GUIDE BLOCK, LONG TOGGLE PIN
132	1	568032	LONG TOGGLE PIN
133	2	568033	LONG TOGGLE LINK
134	2	568034	SHORT TOGGLE LINK
135	1	568035	CONNECTING ROD
150	1	568050	CONNECTING ROD PIN
151	1	568051	CENTER PIN
152	2	568052	SIDE PIN
153	1	568053	PISTON ROD PIN
154	1	568054	CAP PLATE
155	1	568055	CAP PLATE
156	1	568056-1	CONNECTING ROD GUIDE
175	3	568075	SENSOR BRACKET
708	12	569708	S.H.C. SCREW, M6X12
709	12	569709	S.H.C. SCREW, M6X20X18
737	4	569737	S.H.C. SCREW, M14X30
766	4	569766	SET SCREW, DOG POINT, M6X6
771	1	569771	PLAIN WASHER, M6
*817	3	569817	PROXIMITY SWITCH, AC100V
*817-1	3	569817-1	PROXIMITY SWITCH, DC24V
917	2	569917	PLUG, R 1/8
930	6	569930	GREASE NIPPLE

\* Parts are determined by choice.

# UPPER WELDMENT AND LINKAGE ASSEMBLY



## PARTS LIST, SEALER MODULE, CONTNUED

### 568182, SEAL MAGAZINE ASSEMBLY,170 (Standard)

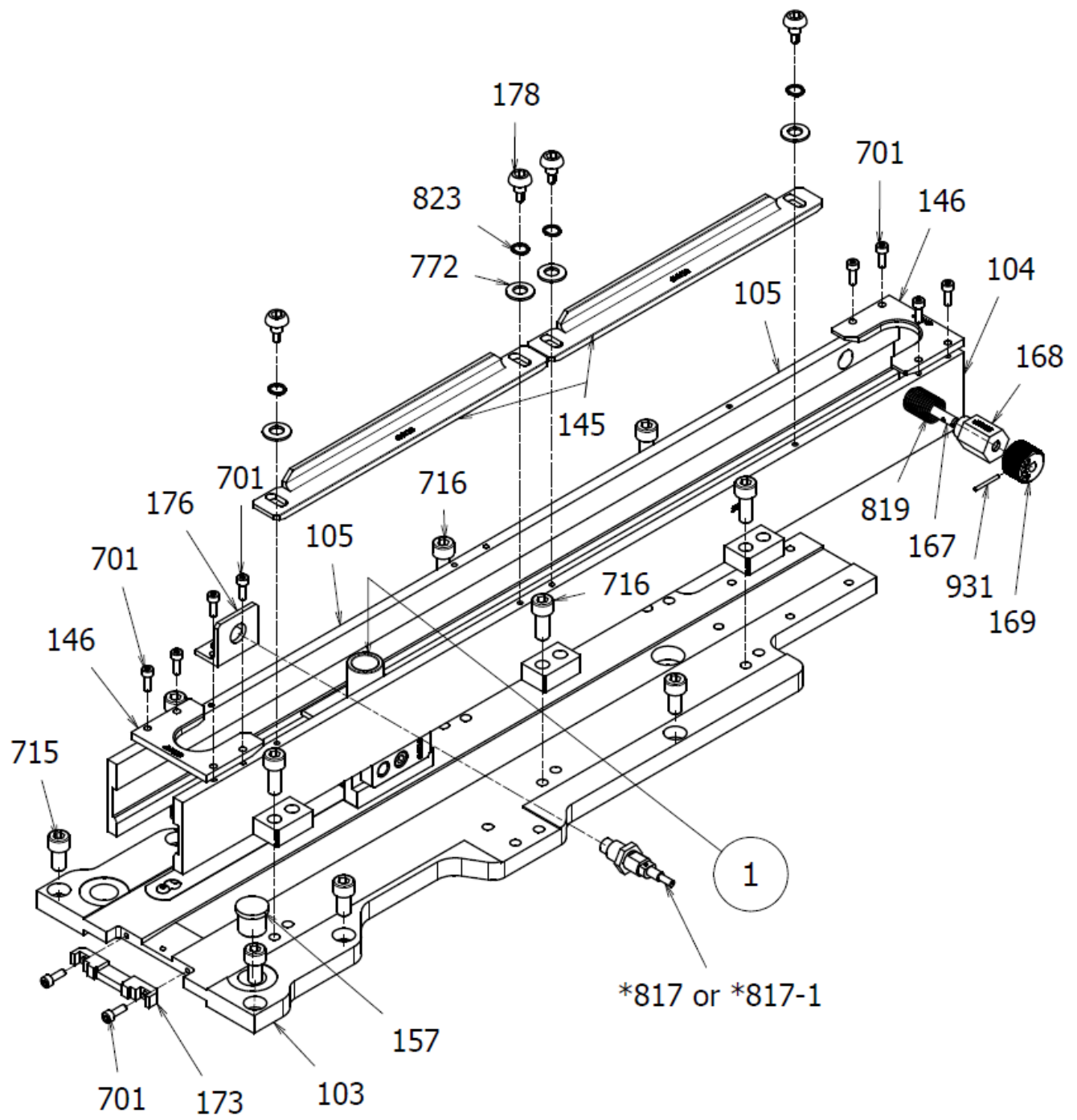
※ Not included the sensors.

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
①	1	567973	SEAL PAD ASSEMBLY, N114
103	1	568003	SEALER HOUSING COVER
104	1	568004	SEAL MAGAZINE, LEFT
105	1	568005	SEAL MAGAZINE, RIGHT
145	2	568045	SEAL COVER
146	2	568046	MAGAZINE TIE (1-1/4")
157	1	568057	BLIND CAP
167	1	568067	SEAL PAD LATCH
168	1	568068	LATCH HOUSING
169	1	568069	LATCH KNOB
173	1	568073	HOUSING COVER INSERT
176	1	568076	SENSOR BRACKET, OUT-OF-SEAL
178	4	568078	SHOULDER BOLT, SEAL COVER
701	10	569701	S.H.C. SCREW, M4X12
715	6	569715	S.H.C. SCREW, M8X16
716	6	569716	S.H.C. SCREW, M8X20
772	4	569772	FLAT WASHER, M8
*817	1	569817	PROXIMITY SWITCH, AC100V
*817-1	1	569817-1	PROXIMITY SWITCH, DC24V
819	1	569819	COMPRESION SPRING, A08-01
823	4	569823	CONICAL DISK SPRING, L-7
931	1	569931	SPRING PIN, M2.5X20

\* Parts are determined by choice.

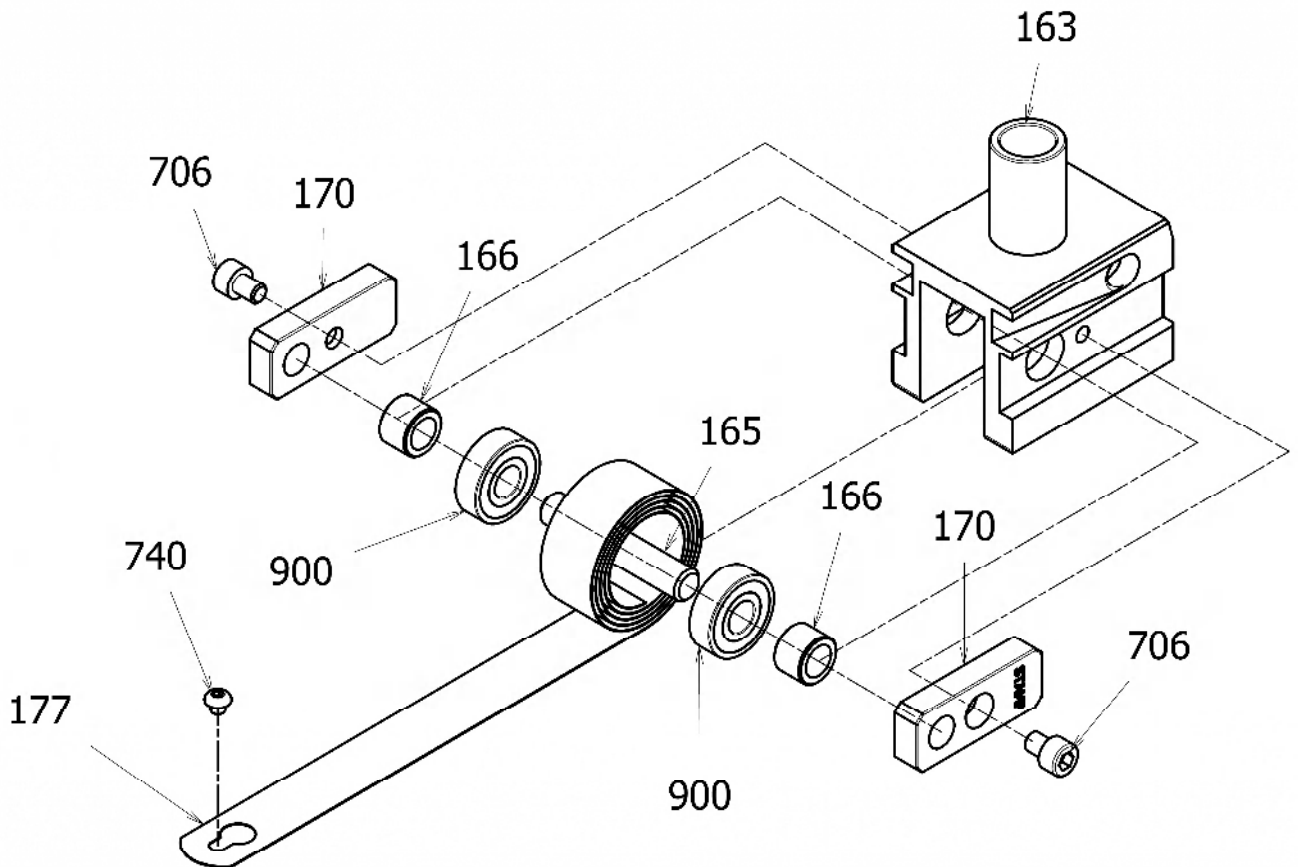


# SEAL MAGAZINE ASSEMBLY, 170 (Standard)



**PARTS LIST, SEALER MODULE, CONTNUED  
567973, SEAL PAD ASSEMBLY, 114**

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
163	1	568063	SEAL PAD, WELDING (1-1/4")
165	1	568065	SEAL PAD PIN (1-1/4")
166	2	568066	SEAL PAD COLLAR (1-1/4")
170	2	568070	SLIDE GIDE, SEAL PAD
177	1	568077	NEGATOR SPRING
706	2	569706	S.H.C. SCREW, M6X8
740	1	569740	B.S.H.C. SCREW, M4X4
900	2	569900	BALL BEARING, 60000ZZ(NTN)



**PARTS LIST, SEALER MODULE, CONTNUED  
SEAL EJECTOR/CYLINDER AND GATE/CYLINDER, 114A**

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
*①	1	567974	FACE GATE ASSEMBLY, RH
*①	1	567975	FACE GATE ASSEMBLY, LH
②	1	567976	SEAL EJECTOR ASSEMBLY, 114
143	1	568043	EJECTOR CYLIINDER MOUNT
144	1	568044	FACE GATE CYLINDER MOUNT
③	1	568084	AIR CYLINDER ROD END ASSEMBLY, 114
712	4	569712	S.H.C.SCREW, M6X70X18
715	3	569715	S.H.C.SCREW, M8X16
716	4	569716	S.H.C.SCREW, M8X20
726	2	569726	S.H.C. SCREW, M10X50X26
801	1	569861	AIRCYLINDER,FACEGATE, SMC CDQ2R40-90DCR3906R-C73LS
802	1	569862	AIR CYLINDER,EJECTOR, SMC CDM2R40-90-DCR3905R

\* Parts are determined by choice.

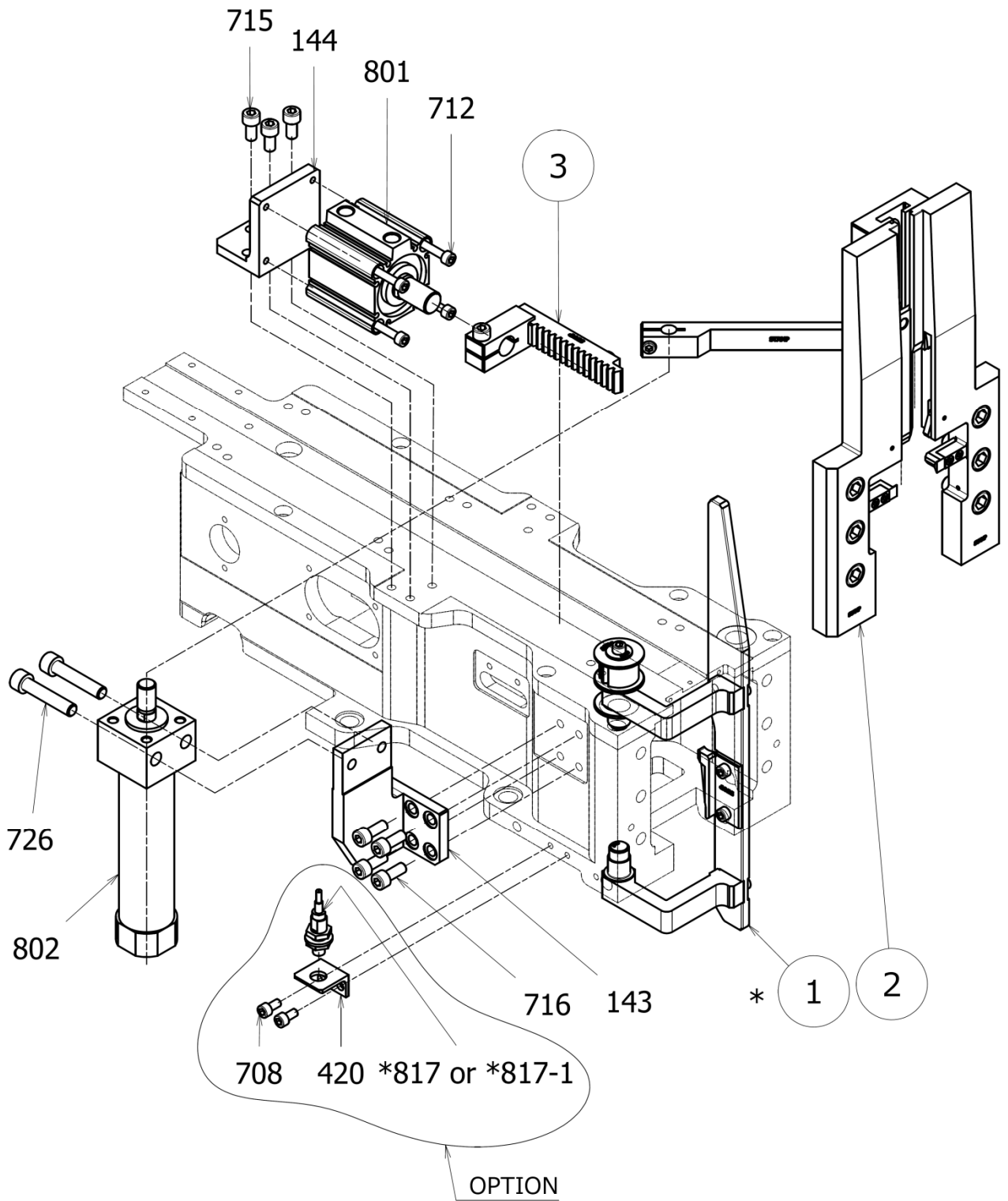
**FACE GATE OPEN PROXIMITY SENSOR BRACKET (Option)**

**ONLY NOTCH TYPE**

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
*817	1	568817	PROXIMITY SENSOR,AC100V
*817-1	1	568817-1	PROXIMITY SENSOR,DC24V
420	1	568420	P.X. SWITCH BRACKET,GATE OPEN
708	2	569708	S.H.C.SCREW,M6X12

\* Parts are determined by choice.

# SEAL EJECTOR/CYLINDER AND GATE/CYLINDER, 114A

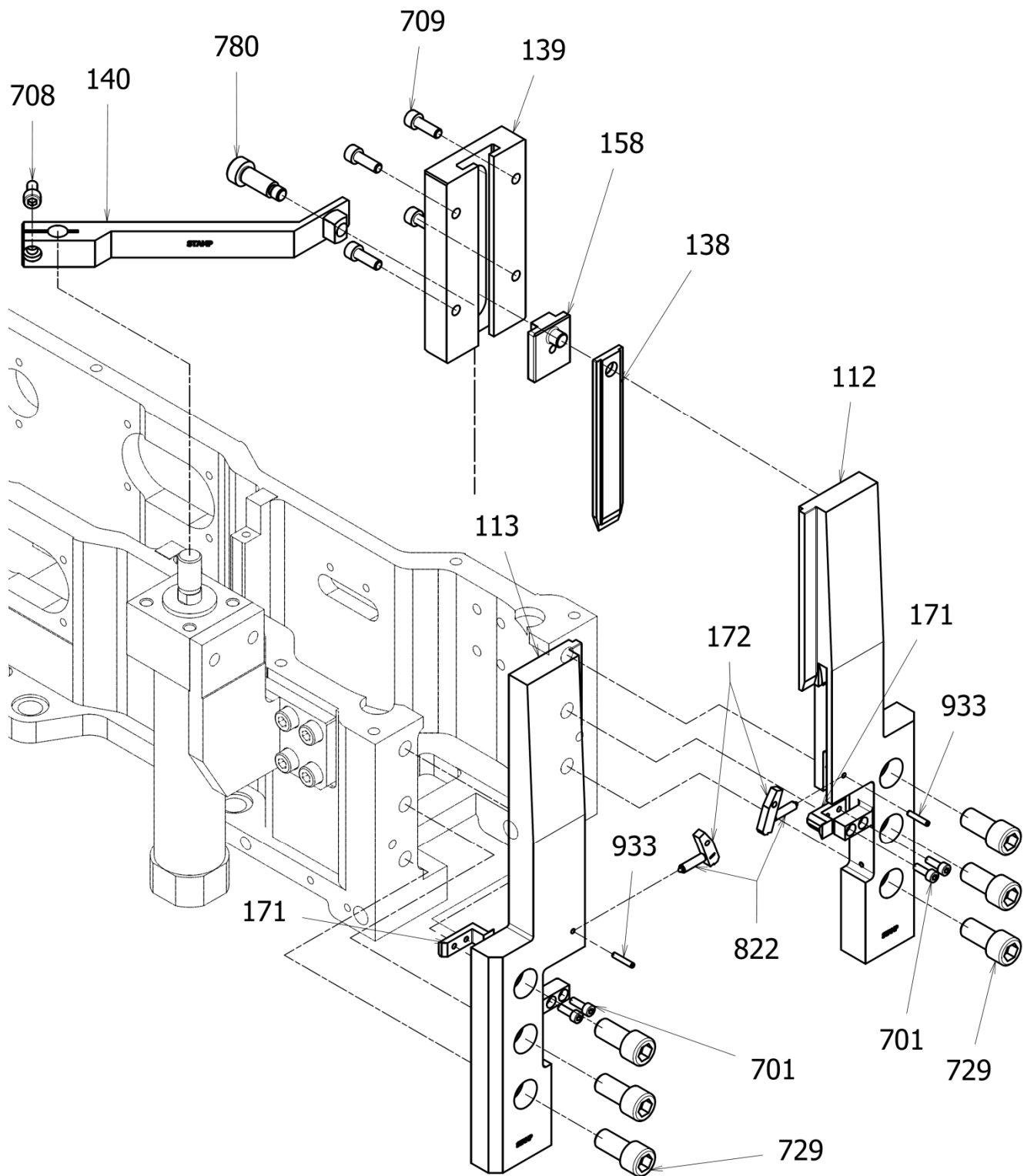


**PARTS LIST, SEALER MODULE, CONTNUED  
567976, SEAL EJECTOR ASSEMBLY, N144**

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
112	1	568012	EJECTOR GUIDE , LEFT
113	1	568013	EJECTOR GUIDE , RIGHT
138	1	568038	EJECTOR (1-1/4")
139	1	568039	EJECTOR GUIDE RAIL
140	1	568040	EJECTOR LEVER
158	1	568058	EJECTOR HOLDER
171	2	568071	EJECTOR GUIDE INSERT
172	2	568072	SEAL HOLDER
701	4	569701	S.H.C.SCREW,M4X12
708	1	569708	S.H.C.SCREW,M6X12
709	4	569709	S.H.C.SCREW M6X20
729	6	569729	S.H.C. SCREW, M12X25
780	1	569780	SHOULDER BOLT M8X23
822	2	569822	SPRING PLUNGER
933	2	569933	SPRING PIN, 3X16

\* Parts are determined by choice.

# SEAL EJECTOR ASSEMBLY, N114

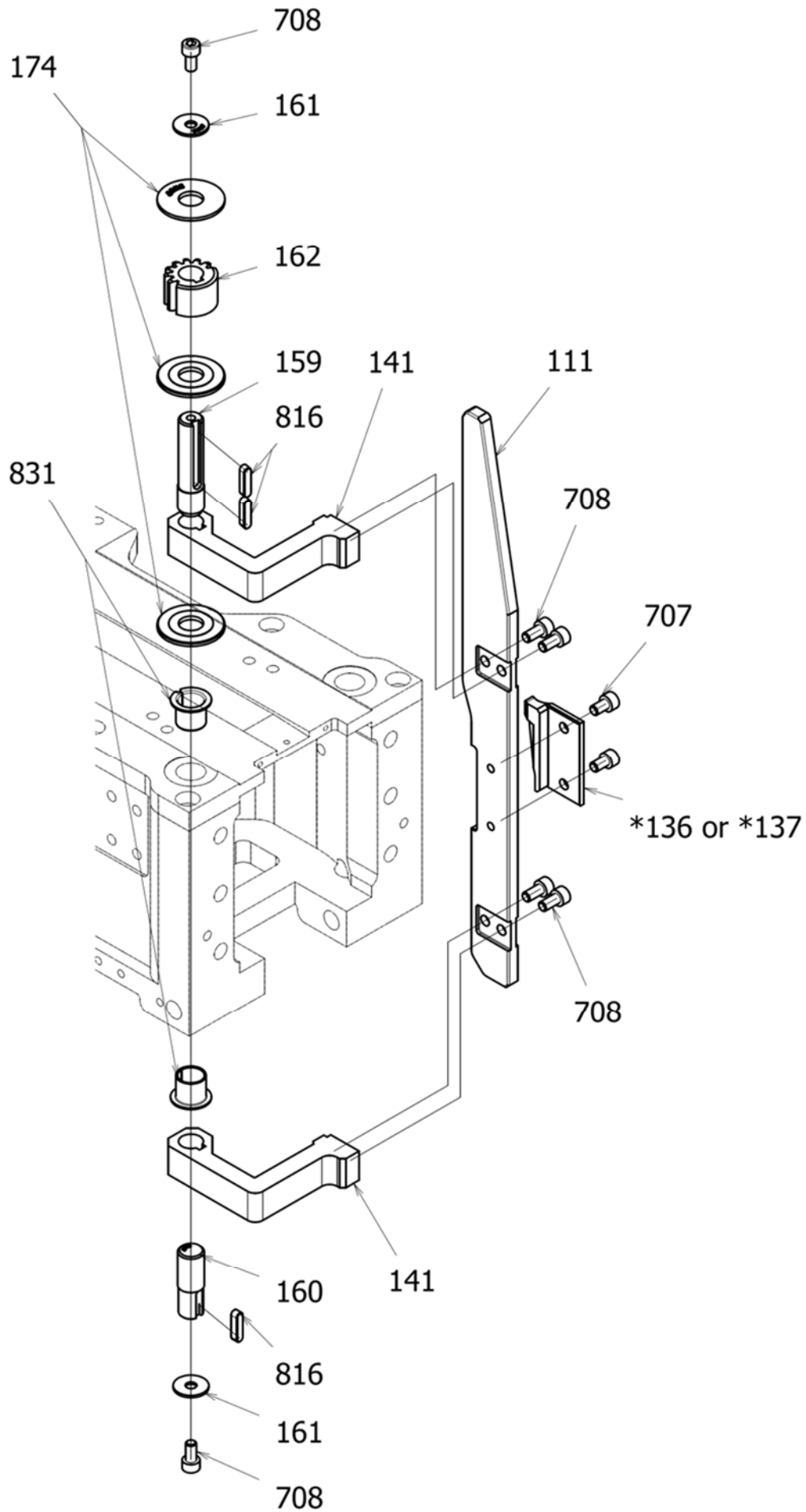


**PARTS LIST, SEALER MODULE, CONTNUED  
567974, FACE GATE ASSEMBLY, N114 (RH)  
567975, FACE GATE ASSEMBLY, N114 (LH)**

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
111	1	568011	GATE
141	2	568041	GATE LEVER
174	3	568074	WASHER, GATE SHAFT
159	1	568059	GATE SHAFT (1)
162	1	568062	PINION
161	2	568061	WASHER M6
708	6	569708	S.H.C.SCREW,M6X12
831	2	569831	DU-BUSH,MB1515-23FDU
*136	1	568036	GATE INSERT, LH
*137	1	568037	GATE INSERT, RH
160	1	568060	GATE SHAFT (2)
707	2	569707	S.H.C.SCREW, M6X10
816	3	569816	KEY,5X5X20

**\* Parts are determined by choice.**

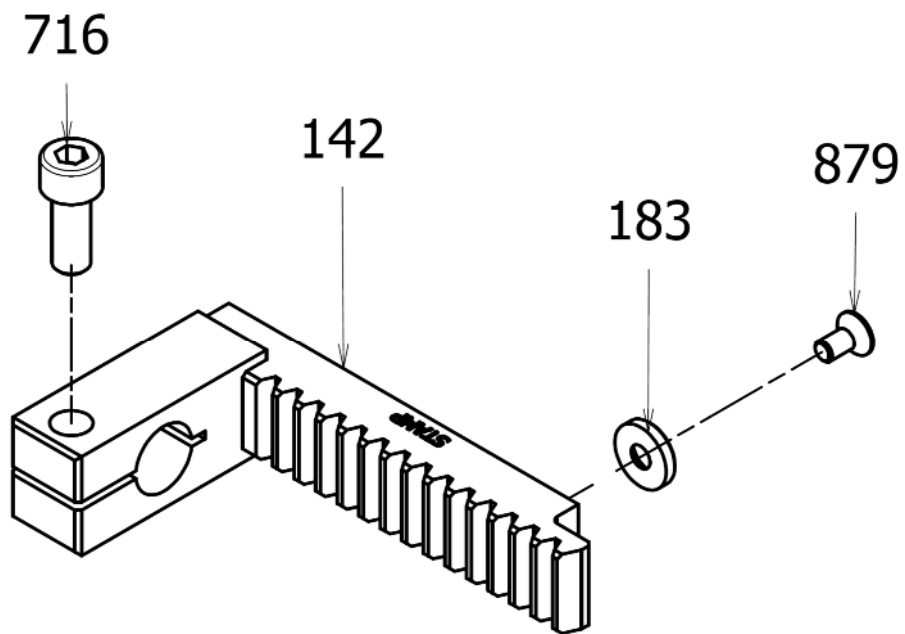
# FACE GATE ASSEMBLY, N114





**PARTS LIST SEALER MODULE, CONTNUED  
568084, AIR CYLINDER ROD END ASSEMBLY, N144**

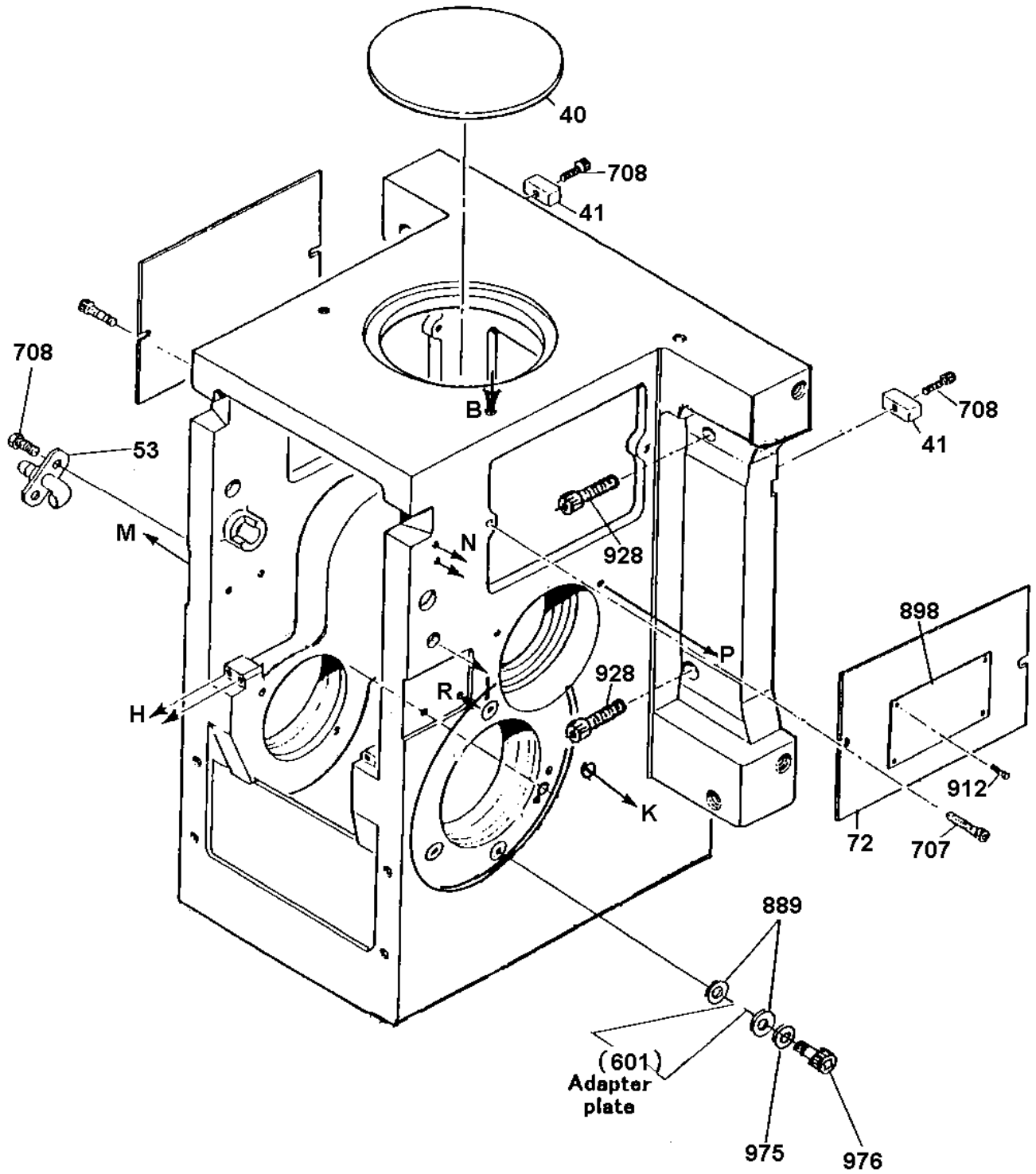
<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
142	1	568042	AIR CYLINDER ROD END
183	1	568083	SLIDE GUIDE OF ROD END
716	1	569716	S.H.C.SCREW, M8X20
879	1	569879	S.F.H.C.SCREW, M5X10



**PARTS LIST, FEED AND TENSION  
FRAME ASSEMBLY**

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
00	1	567600	FRAME
40	1	567540	COTTER PLATE
41	2	567541	KEY
53	1	567553	AIR BLOW PIPE
72	2	567572	COVER PLATE
707	2	569707	S.H.C. SCREW, M6X10
708	4	569708	S.H.C. SCREW, M6X12
889	6	569889	THRUST WASHER
898	1	569898	MACHINE NAME PLATE
912	4	569912	SETTING RIVET, #2X4.8
928	4	569928	LOCK BOLT, M12X35
975	3	569975	SHIM RING
976	3	569976	SHOULDER BOLT

# FRAME ASSEMBLY

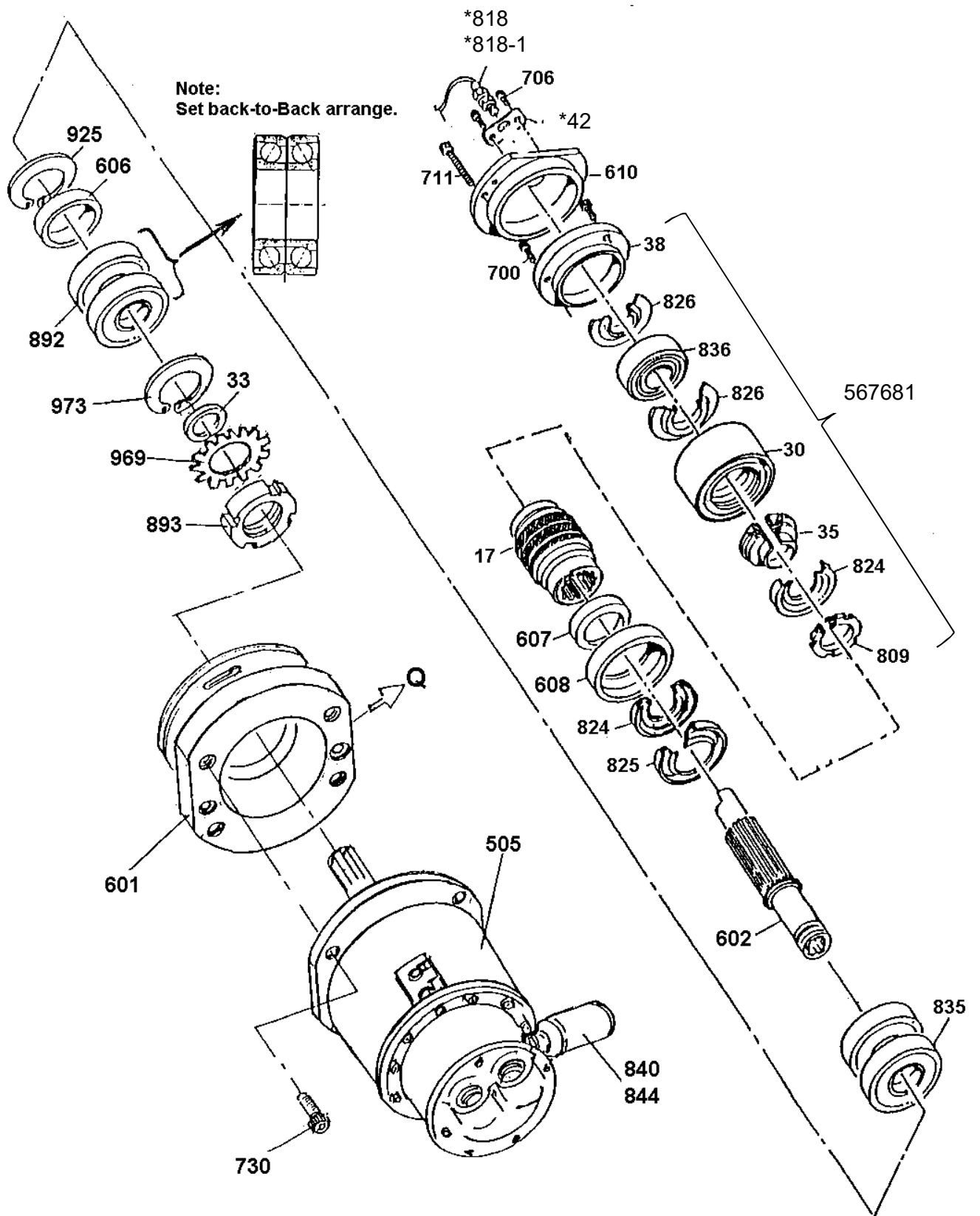


**PARTS LIST, FEED AND TENSION, CONTNUED  
FEED / TENSION COMPONENTS TRACTION WHEEL UNIT**

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
17	1	567517	TRACTION WHEEL
30	1	567530	BEARING CASE
33	1	567533	WASHER (2)
35	1	567535	DISTANCE RING (2)
38	1	567538	DISTANCE RING (5)
*42	1	568418	BLIND PLATE,OPTION
*42	1	568419	SENSOR BRACKET (M12X1.0 TAP),OPTION
*42	1	567542	SENSOR BRACKET (M8)
505	1	569505	AIR MOTOR/TRANSMISSION
601	1	567601	ADAPTER PLATE
602	1	567602	DRIVE SHAFT
606	1	567606	SPACER, DRIVE SHAFT
607	1	567607	SPACER, TRACTION WHEEL
608	1	567608	DISTANCE RING, DRIVE SHAFT
610	1	567610	BEARING CAP (1), DRIVE SHAFT
700	2	569700	S.H.C. SCREW, M3X8
706	2	569706	S.H.C. SCREW, M6X8
711	2	569711	S.H.C. SCREW, M6X50X18
730	4	569730	S.H.C. SCREW, M12X30
809	1	569809	BEARING NUT, AN09 MODIFIED
*818	1	569818	PROXIMITY SENSOR AC100V
*818-1	1	569818-1	PROXIMITY SENSOR DC24V
824	2	569824	NILOS RING, #16010AV
825	1	569825	NILOS RING, #22209AV
826	2	569826	NILOS RING, #22207JV
835	2	569835	BEARING, NJ209
836	1	569836	BEARING, 22207H
840	1	569840	SOUNDPROOF CAP
844	1	569844	SILENCER
892	1	569892	ANGULAR BALL BEARING UNIT, 7009DB
893	1	569893	BEARING NUT, AN09
925	1	569925	RETAINING RING, C-85
969	1	569969	LOCK WASHER, AW09
973	1	569973	RETAINING RING, C-75

\* Parts are determined by choice.

# FEED AND TENSION ASSEMBLY, TRACTION WHEEL UNIT



**PARTS LIST, FEED AND TENSION, CONTNUED  
FEED / TENSION COMPONENTS, BACK UP WHEEL UNIT**

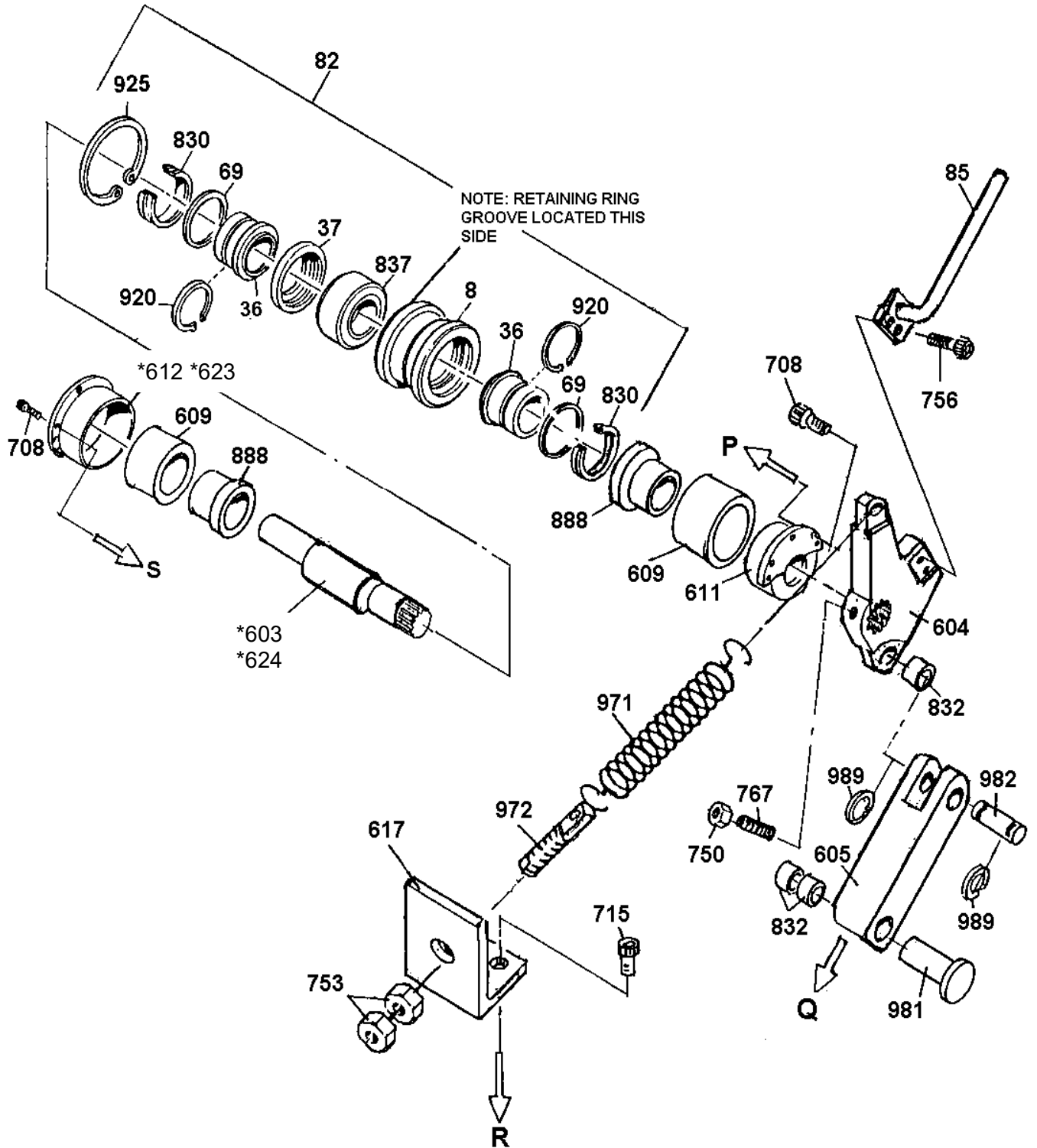
<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
8	1	567508	BACK UP WHEEL
36	2	567536	DISTANCE RING (3)
37	1	567537	DISTANCE RING (4)
69	2	567569	FELT RING, BACK UP WHEEL
82	1	567482	BACK UP WHEEL ASSEMBLY
85	1	567585	RELEASE HANDLE
*603	1	567603	ECCENTRIC SHAFT
*624	1	567624	ECCENTRIC SHAFT, Both Handle
604	1	567604	SELF LEVER
605	1	567605	SELF LINK
609	2	567609	SLEEVE, METAL BEARING
611	1	567611	BEARING CAP (2)
*612	1	567612	BEARING CAP (3)
*623	1	567623	BEARING CAP (3), USE Both Handle 567624
617	1	567617	SPRING BRACKET
708	4	569708	S.H.C. SCREW, M6X12
715	2	569715	S.H.C. SCREW, M8X16
750	1	569750	HEX NUT, M6
753	2	569753	HEX NUT, M12
756	2	569756	NYLOK BOLT, M6X20
767	1	569767	SET SCREW, M6X16
830	2	569830	V-RING, V-55A
832	3	569832	DU-BUSH, MB1212
837	1	569837	BEARING, 22209H
888	2	569888	METAL BEARING
920	2	569920	RETAINING RING, C-55
925	1	569925	RETAINING RING, C-85
971	1	569971	ENERGIZING SPRING
972	1	569972	SPRING POST
981	1	569981	LINK PIN
982	1	569982	LEVER PIN
989	2	569989	RETAINING RING

\* Parts are determined by choice.

**Release handle both side (Option)**

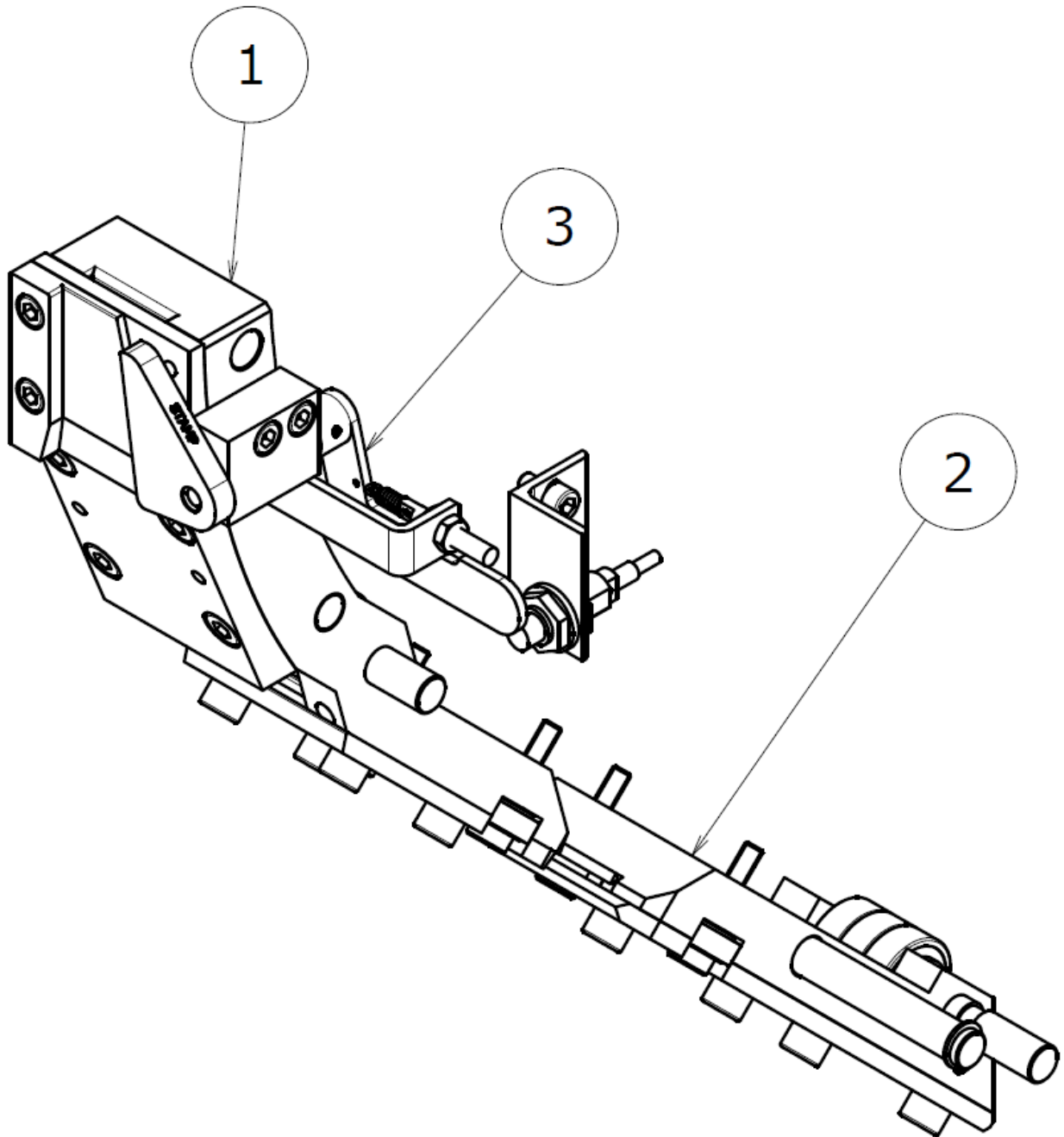
612→623	1	567623	BEARING CAP (3) , Use 567624 Release handle both side (Option)
603→624	1	567624	ECCENTRIC SHAFT, Release handle both side (Option)

# FEED AND TENSION ASSEMBLY, BACK UP WHEEL UNIT



## PARTS LIST, STRAP GUIDE SYSTEM ASSEMBLY

	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
①	1	E567977	UPPER GUIDE UNIT ASSEMBLY, 114
②	1	E567978	LOWER GUIDE UNIT ASSEMBLY, 114
③	1	E567979	LIMIT FINGER ASSEMBLY, 114



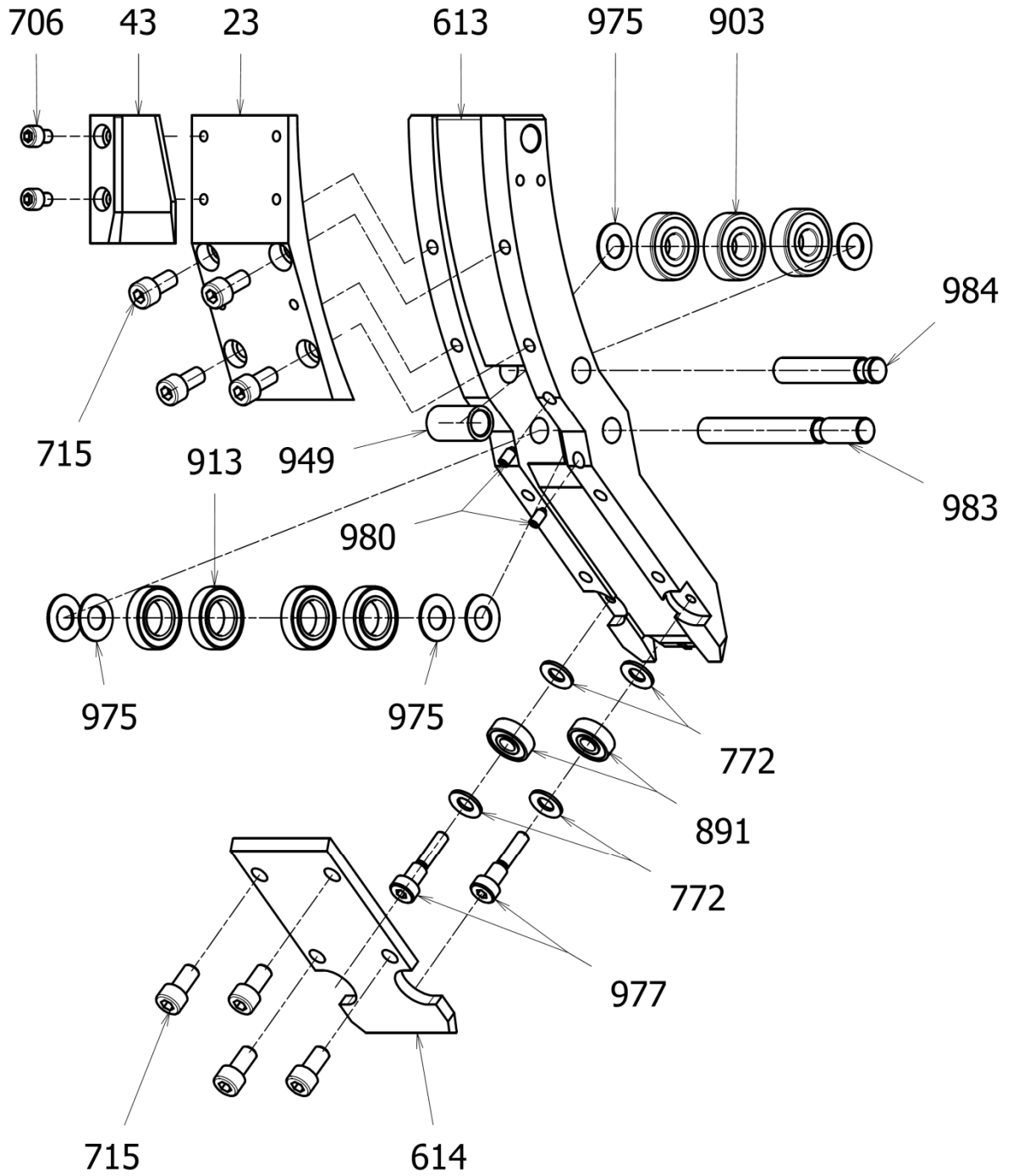


**PARTS LIST, FEED AND TENSION  
STRAP GUIDE SYSTEM ASSEMBLY  
567977, UPPER GUIDE UNIT ASSEMBLY, 114**

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
23	1	567523	UPPER GUIDE UNIT #2 OUTER SIDE
*43	1	567543	LOWER STRAP GUIDE 114, RH
*473	1	568473	LOWER STRAP GUIDE 114, LH
613	1	567613	UPPER GUIDE UNIT INNER SIDE 114
614	1	567614	UPPER GUIDE NO.1 OUTER
706	2	569706	S.H.C. SCREW, M6X8
715	8	569715	S.H.C.SCREW, M8X16
772	4	569772	FLAT WASHER, M8
891	2	569891	SMALL BALL BEARING, B608ZZ
903	3	569903	BALL BEARING, 6201ZZ
913	4	569913	BALL,BEARING, B6903ZZ
949	1	569949	SPACER,CLBSB 17-28
975	6	569975	SHIM RING M8
977	2	569977	SHOULDER BOLT MSB8-LC10.2
980	2	569980	SET SCREW, MSSU 5-10
983	1	569983	ROLLER PIN
984	1	569984	ROLLER PIN

\* Parts are determined by choice.

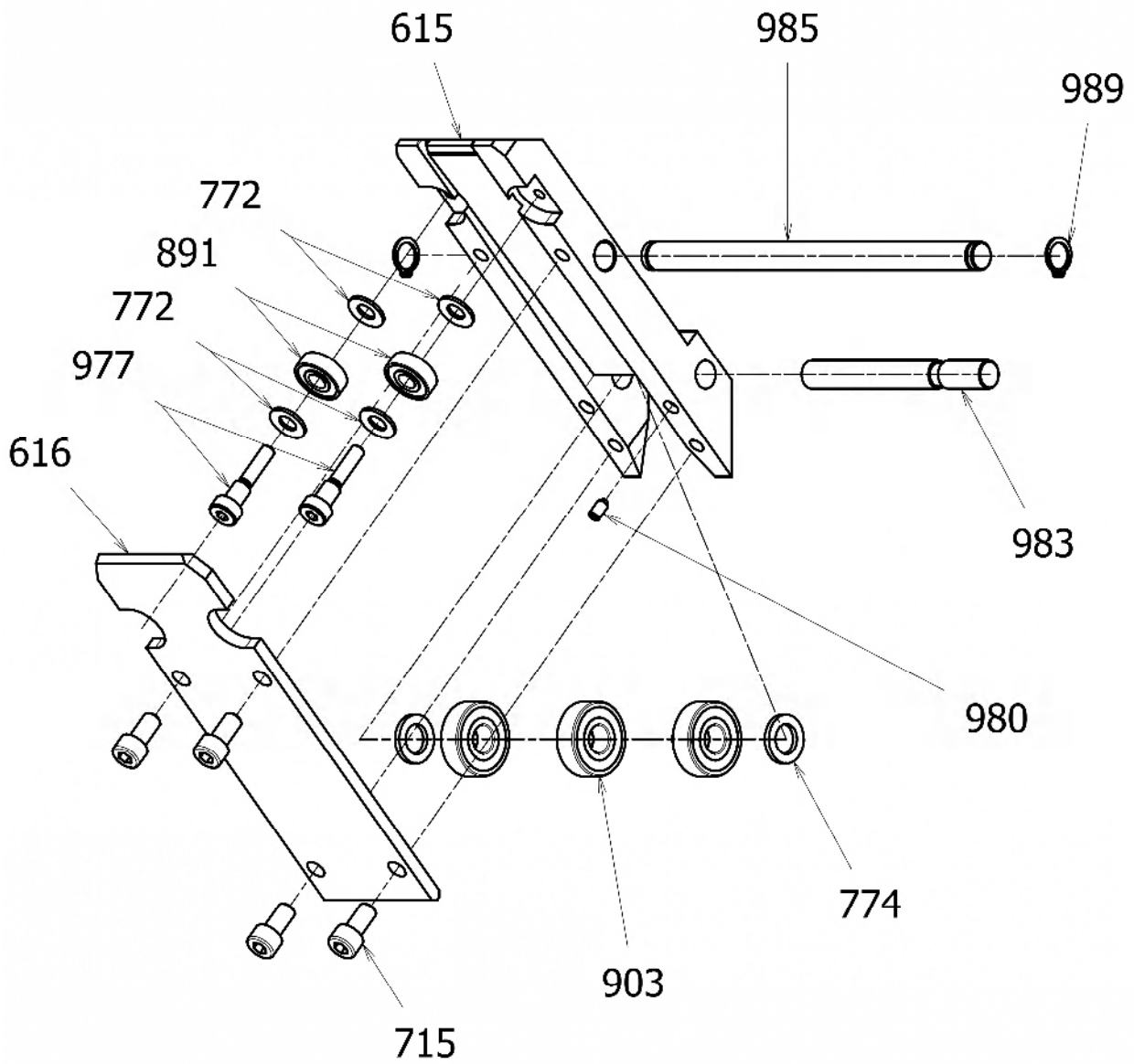
**UPPER GUIDE UNIT ASSEMBLY, 114**



**PARTS LIST, FEED AND TENSION  
STRAP GUIDE SYSTEM ASSEMBLY  
567978, LOWER GUIDE UNIT ASSEMBLY, 114**

<u>KEY</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
615	1	567615	LOWER GUIDE UNIT INNER
616	1	567616	LOWER GUIDE UNIT OUTER
715	4	569715	S.H.C.SCREW, M8X16
772	4	569772	FLAT WASHER, M8
774	2	569774	WASHER M12
891	2	569891	SMALL BALL BEARING, B608ZZ
903	3	569903	BALL BEARING, 6201ZZ
977	2	569977	SHOULDER BOLT MSB8-LC10.2
980	1	569980	SET SCREW, MSSU 5-10
983	1	569983	ROLLER PIN
985	1	569985	GUIDE HOLDER PIN
989	2	569989	RETAINING RING

# LOWER GUIDE UNIT ASSEMBLY, 114

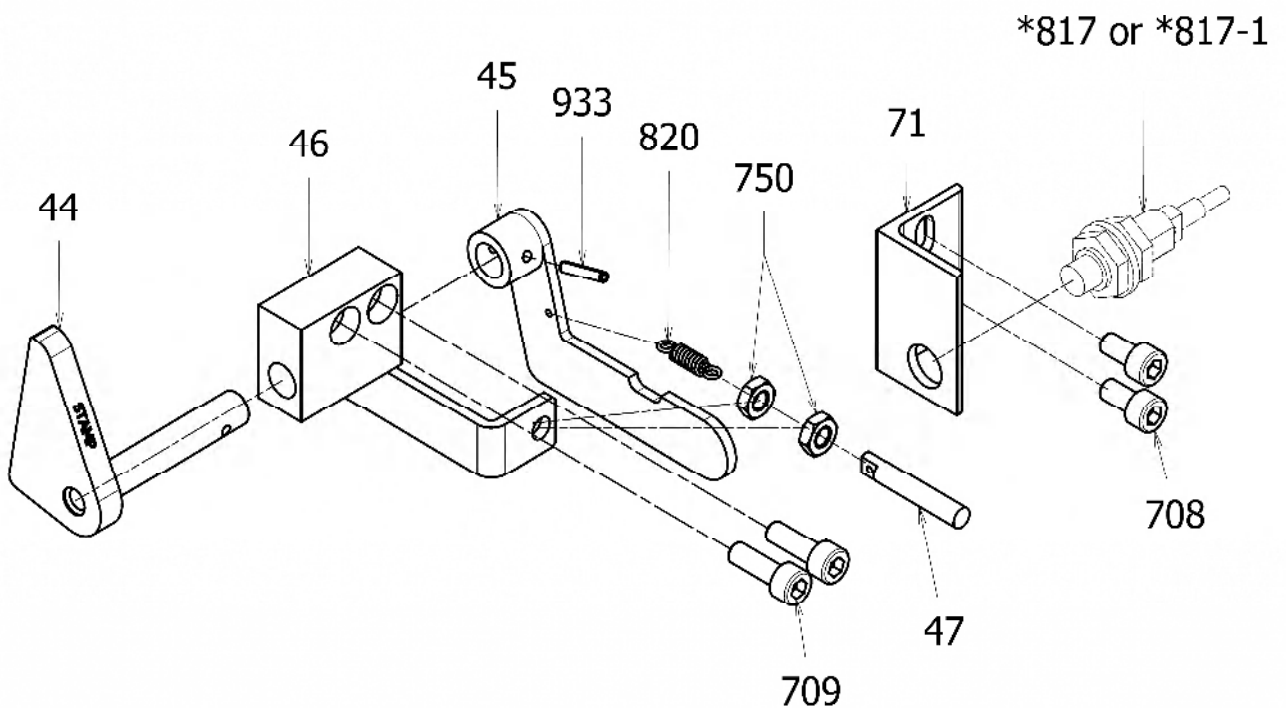


**PARTS LIST, FEED AND TENSION  
STRAP GUIDE SYSTEM ASSEMBLY**

**567979, LIMIT FINGER ASSEMBLY, 114 (Not included sensor)**

<u>KEY</u>	<u>QTY</u>	<u>PART NO</u>	<u>DESCRIPTION</u>
44	1	567544	LIMIT FINGER (1 1/4")
45	1	567545	STRIKER
46	1	567546	BRACKET, COMPLETE FEED
47	1	567547	TENSION BOLT
71	1	567571	SENER BRACKET,FEEDING 30 x 30 x 3
708	2	569708	S.H.C.SCREW,M6X12
709	2	569709	S.H.C.SCREW M6X20
750	2	569750	HEX NUT, M6
820	1	569820	EXTENSION SPRING,H05-13
933	1	569933	SPRING PIN, 3X16
*817	1	569817	PROXIMITY SENSOR AC100V

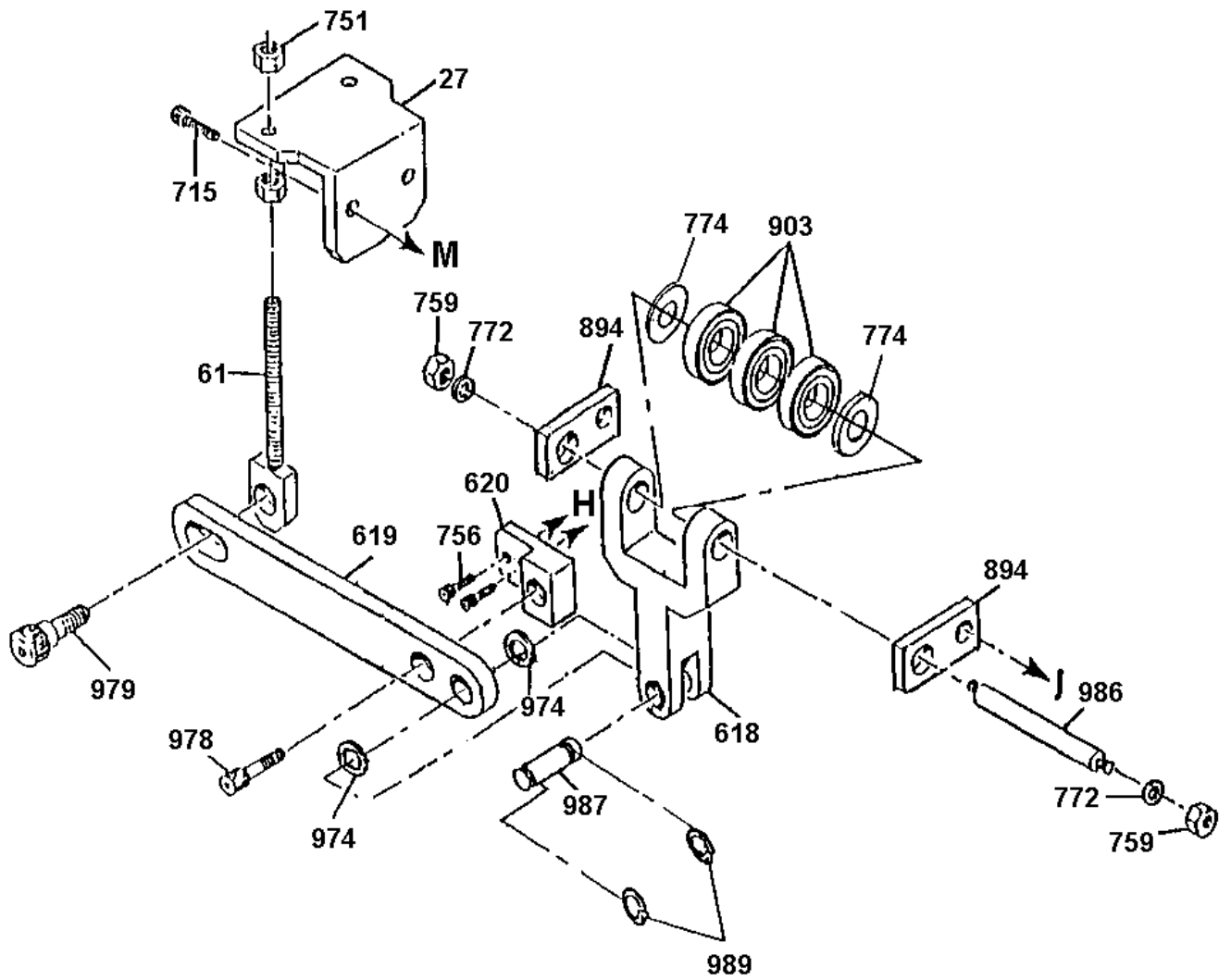
\* Parts are determined by choice.



**PARTS LIST, FEED AND TENSION  
567980, STRAP STRAIGHTTENER ASSEMBLY, 114**

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
27	1	567527	STRAIGHTENER BRACKET
61	1	567561	ADJUST SCREW
618	1	567618	CONNECTOR
619	1	567619	LEVER
620	1	567620	LEVER MOUNT
715	2	569715	S.H.C. SCREW, M8X16
751	2	569751	HEX. NUT, M8
756	2	569756	NYLOK BOLT, M6X20
759	2	569759	U-NUT, M8
772	2	569772	WASHER, M8
774	2	569774	WASHER, M12
894	2	569894	LINK PLATE
903	3	569903	BALL BEARING, 6201ZZ
974	2	569974	SHIM RING
978	1	569978	SHOULDER BOLT
979	1	569979	SHOULDER BOLT
986	1	569986	STRAIGHTENER SHAFT
987	1	569987	STRAIGHTENER PIN
989	2	569989	RETAINING RING, STWN12

# STRAP STRAIGHTENER



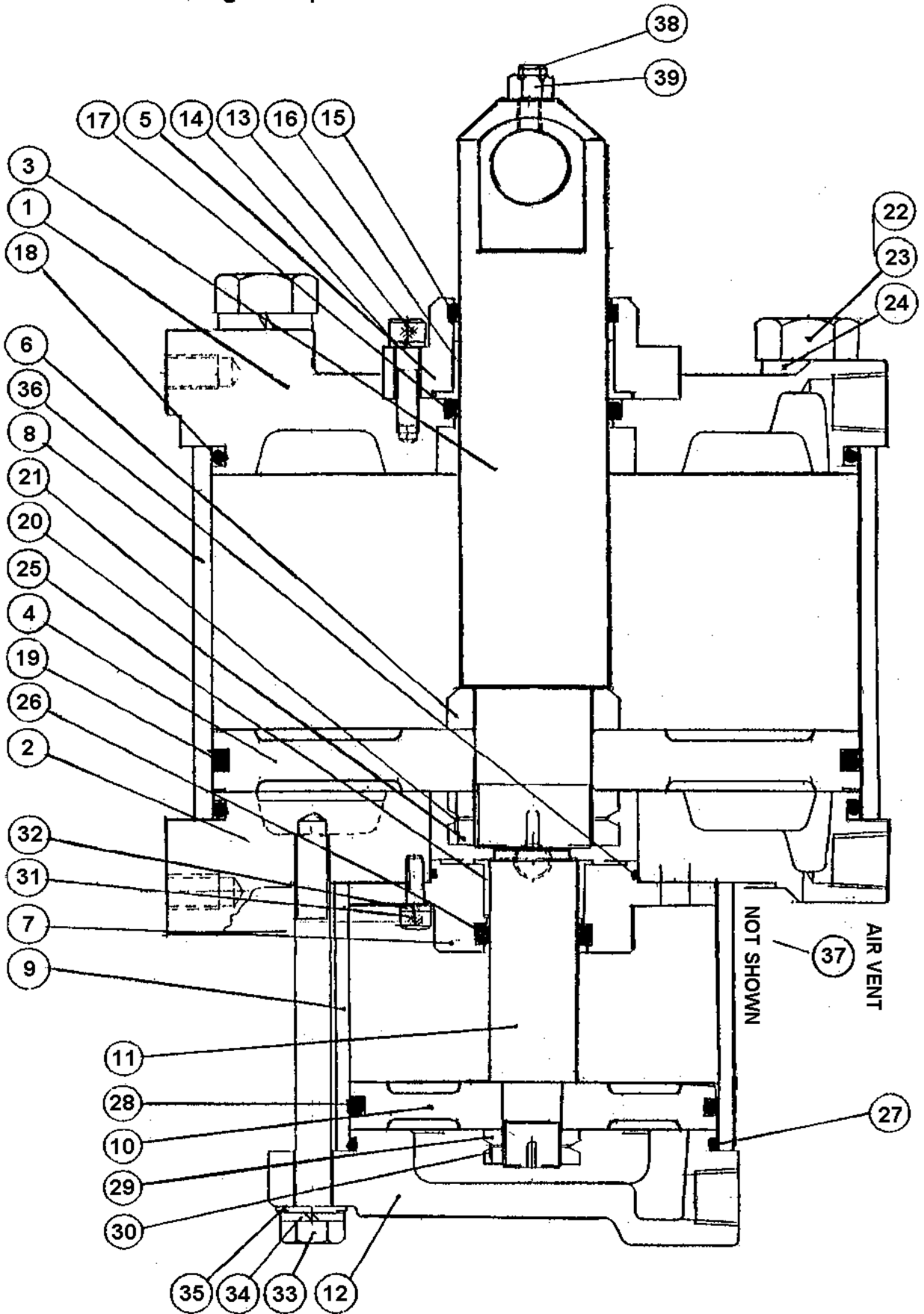
## PARTS LIST, CONTNUED

### 569402, AIR CYLINDER (Hot application), 220mm

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	569405	FRONT HEAD COVER
2	1	569406	REAR HEAD COVER
3	1	569407	DIA.50 SHAFT
4	1	569408	PISTON (A)
5	1	569409	SEAL CASE (A)
6	1	569410	SPACER
7	1	569411	SEAL CASE (B)
8	1	569412	DIA. 220 CYLINDER PIPE
9	1	569413	DIA. 125 CYLINDER PIPE
10	1	569414	PISTON (B)
11	1	569415	DIA.30 SHAFT
12	1	569416	BACK COVER
13	4	569718	S.H.C. SCREW M 8X 30X22
14	4	569761	SP. WASHER M 8
15	1	569420	DUST SEAL, SDR50, FKM
16	1	569421	OILES BUSH, LFF5020
17	1	569423	PACKING, PNY50, FKM
18	2	569425	O-RING, G210, FKM
19	1	569446	O-RING, P200, FKM
20	2	569428	BEARING NUT, AN-08
21	1	569429	BEARING NUT WASHER, AW-08
22	2	569430	HEX. HEAD BOLT, M20X190X1.5P
23	2	569431	HEX. HEAD BOLT, M20X220X1.5P
24	4	569432	SPRING WASHER, M20
25	1	569433	OILES BUSH, LFF3020
26	1	569435	PACKING, PNY30, FKM
27	1	569437	O-RING, G120, FKM
28	1	569448	O-RING, P-110, FKM
29	2	569440	BEARING NUT, AN-04
30	1	569441	BEARING NUT WASHER, AW-04
31	4	569709	S.H.C. SCREW M 6X 20X18
32	4	569760	SP. WASHER M 6
33	4	569442	HEX. HEAD BOLT, M12X140X1.25P
34	4	569763	SP. WASHER, M12
35	4	569774	WASHER, M12
36	1	569444	O-RING, G65, FKM
37	1	569625	AIR VENT
38	1	569768	SET SCREW, LONG, DOG POINT, M8X22
39	1	569751	HEX NUT, M8



# AIR CYLINDER (Hot application), 220mm



## 569505, PART LIST, AIR MOTOR AND TRANSMISSION ASSEMBLY

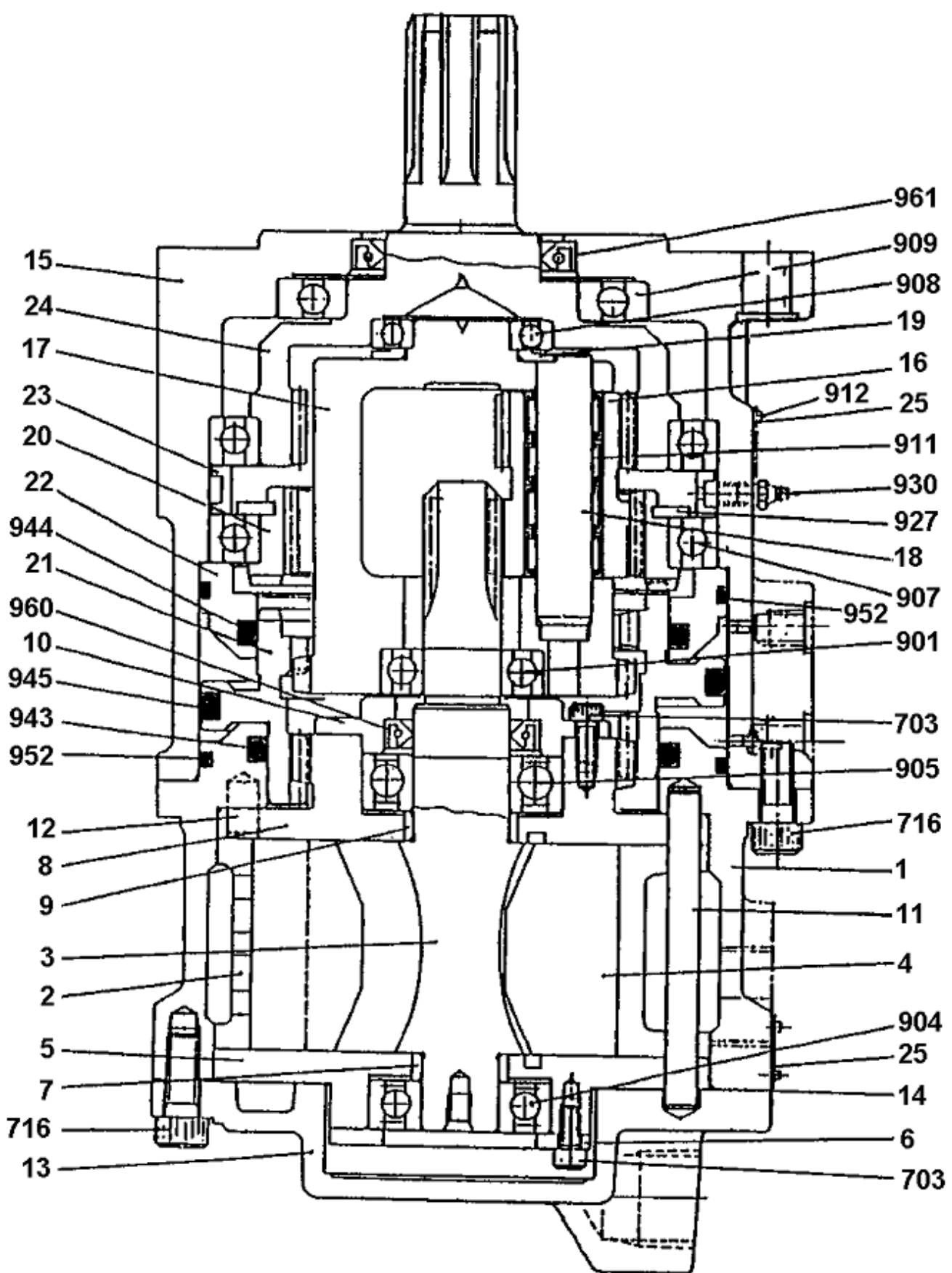
### 567484, AIR MOTOR ASSEMBLY

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	1	569510	MOTOR HOUSING
2	1	569511	CYLINDER
3	1	569512	ROTOR
4	7	569513	VANE
5	1	569514	CYLINDER HEAD
6	1	569515	COVER
7	1	569516	SPACER (A)
8	1	569517	ADAPTER HOUSING
9	1	569518	SPACER (B)
10	1	569519	OIL SEAL CASE
11	1	569520	DOWEL PIN (A)
12	2	569521	DOWEL PIN (B)
13	1	569522	END CAP
14	1	569523	END CAP PACKING
25	2	569534	NAME PLATE
703	12	569703	S.H.C. SCREW, M 5 X 12
716	14	569716	S.H.C. SCREW, M 8 X 20
904	1	569904	BALL BEARING, #6204ZZ
905	1	569905	BALL BEARING, #6205ZZ
912	4	569912	RIVET, #2X4.8
943	1	569943	O-RING, P100, VITON (NOK)
952	1	569952	O-RING, G130, VITON (NOK)
960	1	569960	OIL SEAL, SB25408, VITON (NOK)

### 569507, TRANSMISSION ASSEMBLY

<u>KEY</u>	<u>QTY</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
15	1	569540	GEAR HOUSING
16	3	569525	PLANET GEAR
17	1	569526	CARRIER PLATE
18	3	569527	PLANET GEAR SHAFT
19	1	569528	DISTANCE PIECE (A)
20	1	569529	RING GEAR
21	1	569530	CLUTCH PISTON
22	1	569531	SEAL RETAINER
23	1	569532	DISTANCE PIECE (B)
24	1	569541	OUTPUT SHAFT
25	2	569534	NAME PLATE
901	1	569901	BALL BEARING, #6004
907	2	569907	BALL BEARING, #6821
908	1	569908	BALL BEARING, #16005
909	1	569909	BALL BEARING, #16012
911	12	569911	NEEDLE BEARING, HK1412
912	4	569912	RIVET, #2X4.8 (SUS)
927	1	569927	SNAP RING, C-100
930	1	569930	GREASE NIPPLE, A-MT6X1
944	1	569944	O-RING, P105, VITON (NOK)
945	1	569945	O-RING, P120, VITON (NOK)
952	1	569952	O-RING, G130, VITON (NOK)
961	1	569961	OIL SEAL, SB40588 VAITON(NOK)

# AIR MOTOR AND TRANSMISSION ASSEMBLY



Revision History

Rev.	Date	Details
00	Jun. 29, 2019	