

CNC LATHE  
**LNC 8**

---

with OSP5020L CNC

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PARTS BOOK



Publication No. KP0-0100-01

## PARTS BOOK

This parts book has been prepared to assist you in ordering replacements and servicing parts for the OKUMA LNC8 CNC Lathe.

Due to constant improvements in design, you may find slight variations from the machine delivered to you. This merely indicates that equipment improvements have been made to better meet your requirements.

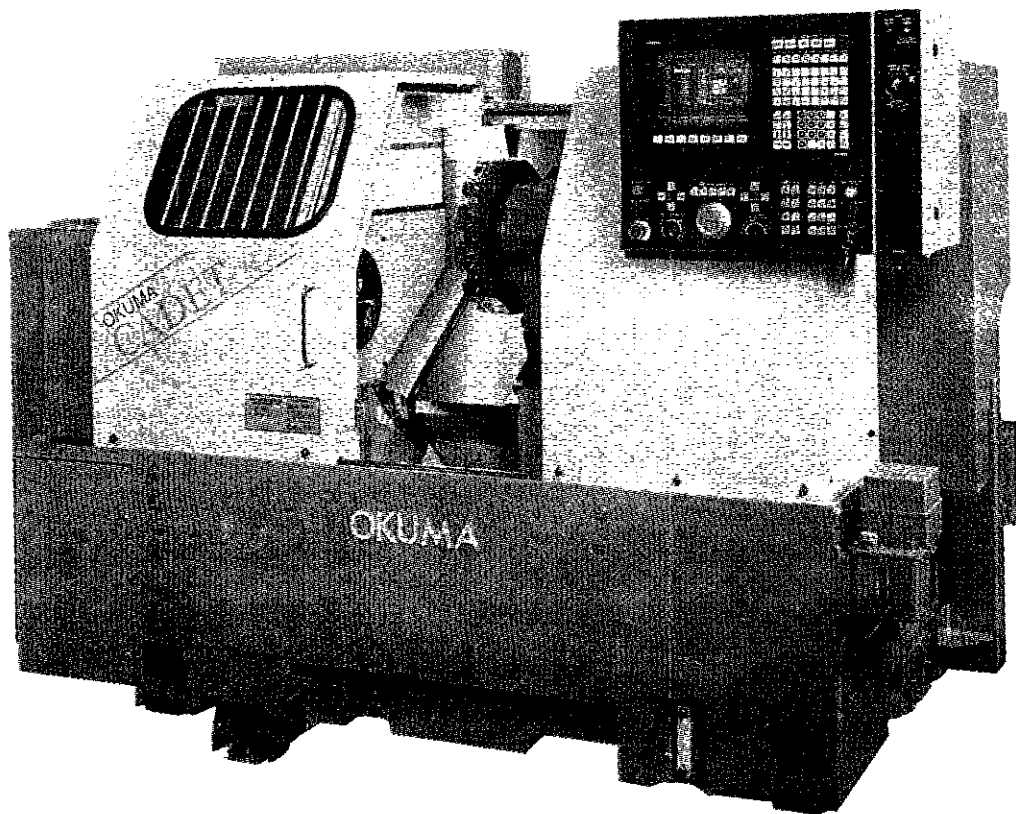
### ORDERING REPAIR PARTS

In order to obtain smooth and rapid service when ordering repair parts, please give careful attention to the following five instructions.

These FIVE requirements are essential:

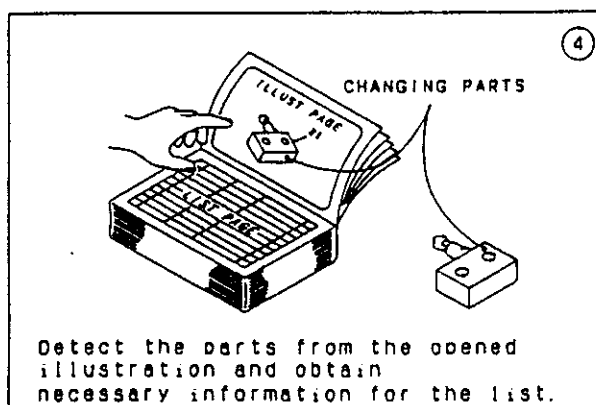
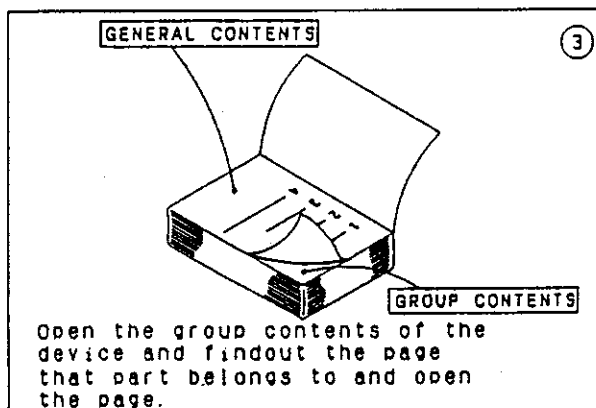
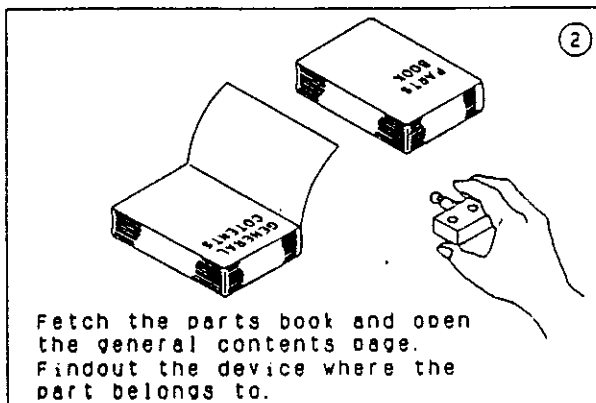
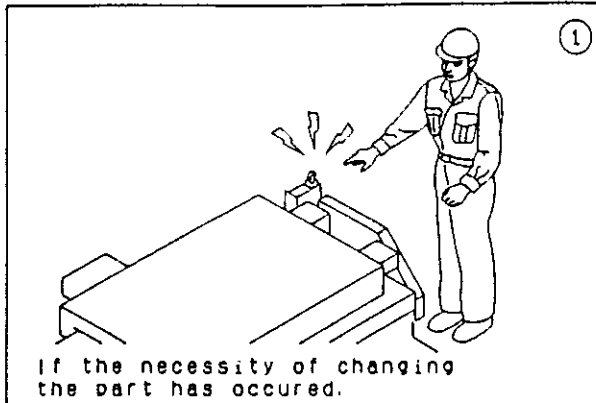
1. GIVE COMPLETE SIZE, TYPE OF MACHINE AND CNC SYSTEM.  
EX.: LNC8 with OSP5020L
2. GIVE COMPLETE SERIAL NUMBER OF MACHINE.  
This serial number will be found stamped on the manufacturer's name plate attached to the machine.
3. GIVE PARTS BOOK PUBLICATION NO., SHEET NO., INDEX NO., PART NO., AND PART NAME (DESCRIPTION).
4. FOR ELECTRICALS, SPECIFY POWER VOLTAGE, FREQUENCY, RATING, BRAND NAME AND OTHER INFORMATION FOUND ON THE PART.
5. STATE QUANTITY WANTED.

Note: "T" (w/o tailstock) or "C" (w/tailstock) may appear in LNC series model designation, for example: "LNC8T" or "LNC8C."



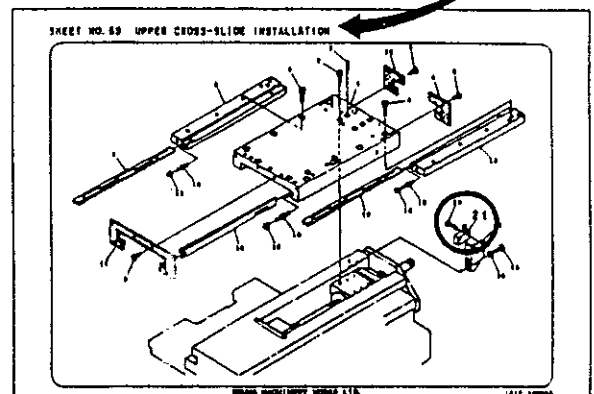
OKUMA LNC8 LATHE with OSP5020L

Reference to the parts book  
(when the part No. is not given)



~GENERAL CONTENTS~	
<u>GROUP NAME</u>	<u>SHEET NO.</u>
1. HEADSTOCK GROUP .....	1~14 ~
2. Z-AXIS GROUP .....	31~39 ~
3. X-AXIS GROUP .....	51~56 ~

~CONTENTS~		
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01	02	03	04	05
83-21	E3010-B01-017	LIMIT-SWITCH, YAMATE	A615-0205	1

- | ① | INDEX NO. (SHEET NO. - ITEM NO.) |
|---|----------------------------------|
| ② | PARTS NO.                        |
| ③ | DESCRIPTION                      |
| ④ | UNIT NO.                         |
| ⑤ | QTY                              |

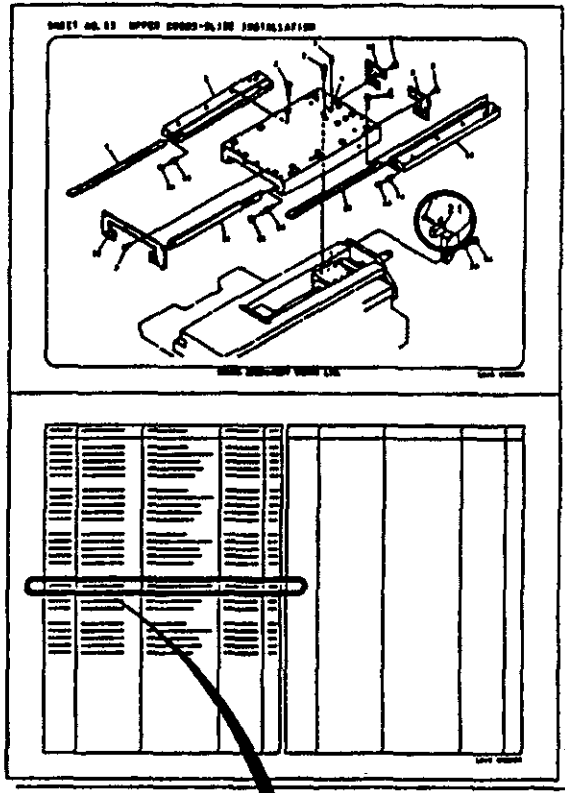


# Reference to the parts book (when the part No. is given)

- ① After searching the part No.  
in the part No. list,  
remember the index No.

**PART NO. LIST**

- ③ Open related group contents  
from group No.  
and open the illustration  
and the list page.  
Obtain necessary information  
from the drawing and list referring  
to the item No. obtained  
in the parts No. list.



①	②	③
E3019-001-017	53-21	1

- ① PARTS NO.  
② INDEX NO. (SHEET NO. - ITEM NO.)  
③ QTY

- ② Return to the general contents top  
and memorize the group No.  
to which the sheet No.  
of the index No. memorized belongs.

~GENERAL CONTENTS~

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2. Z-AXIS GROUP .....	21-30
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~CONTENTS~

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NO. 052	UPPER X-AXIS DRIVE DEVICE .....	54-55
NO. 053	UPPER CROSS-SLIDE INSTALLATION .....	56-57

①	②	③	④	⑤
53-21	E3019-001-017	LIMIT-SWITCH, YAMATAKE	ABTS-0000	1

- ① INDEX NO. (SHEET NO. - ITEM NO.)  
② PARTS NO.  
③ DESCRIPTION  
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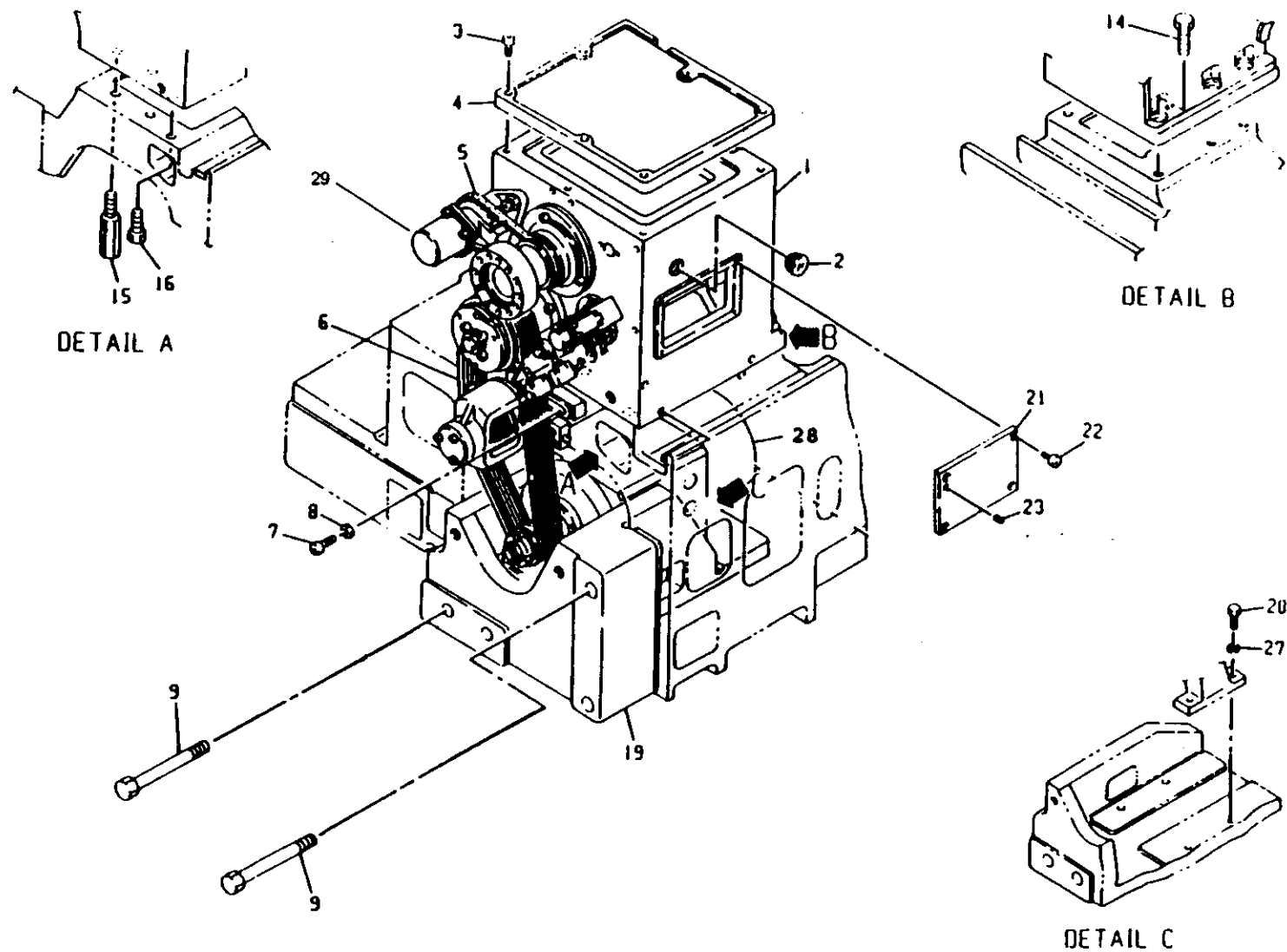
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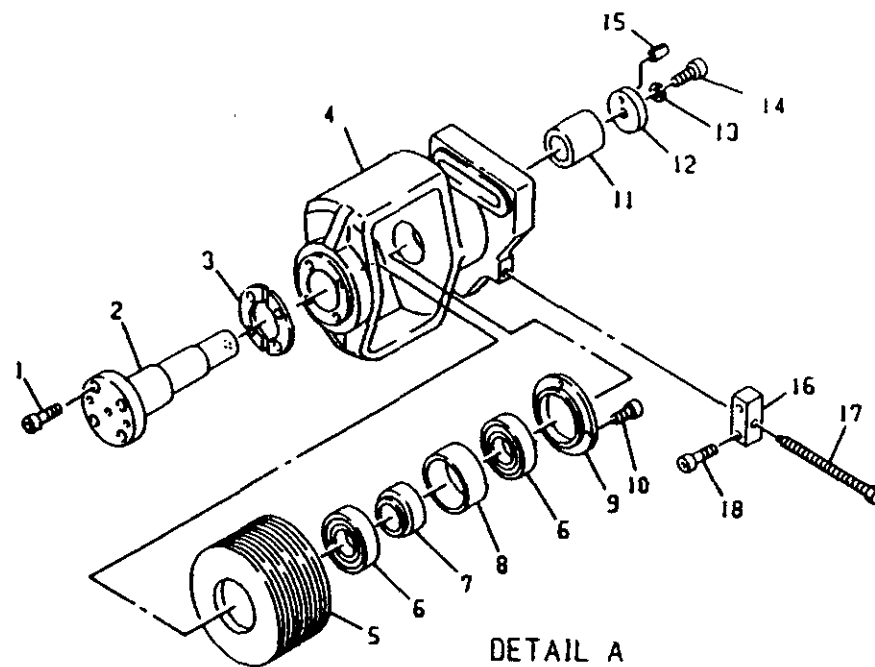
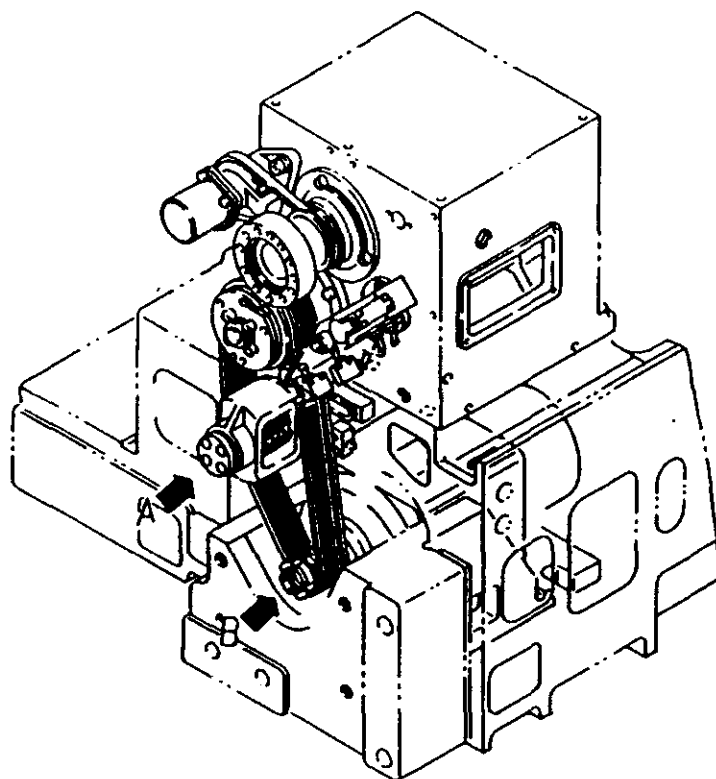
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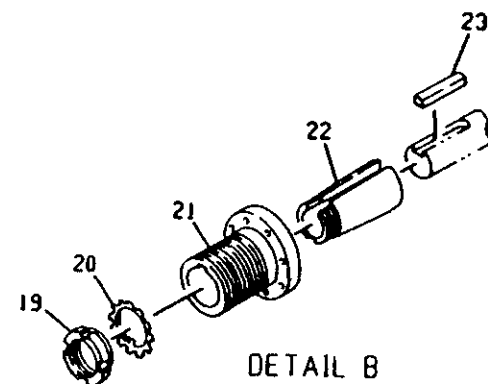


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

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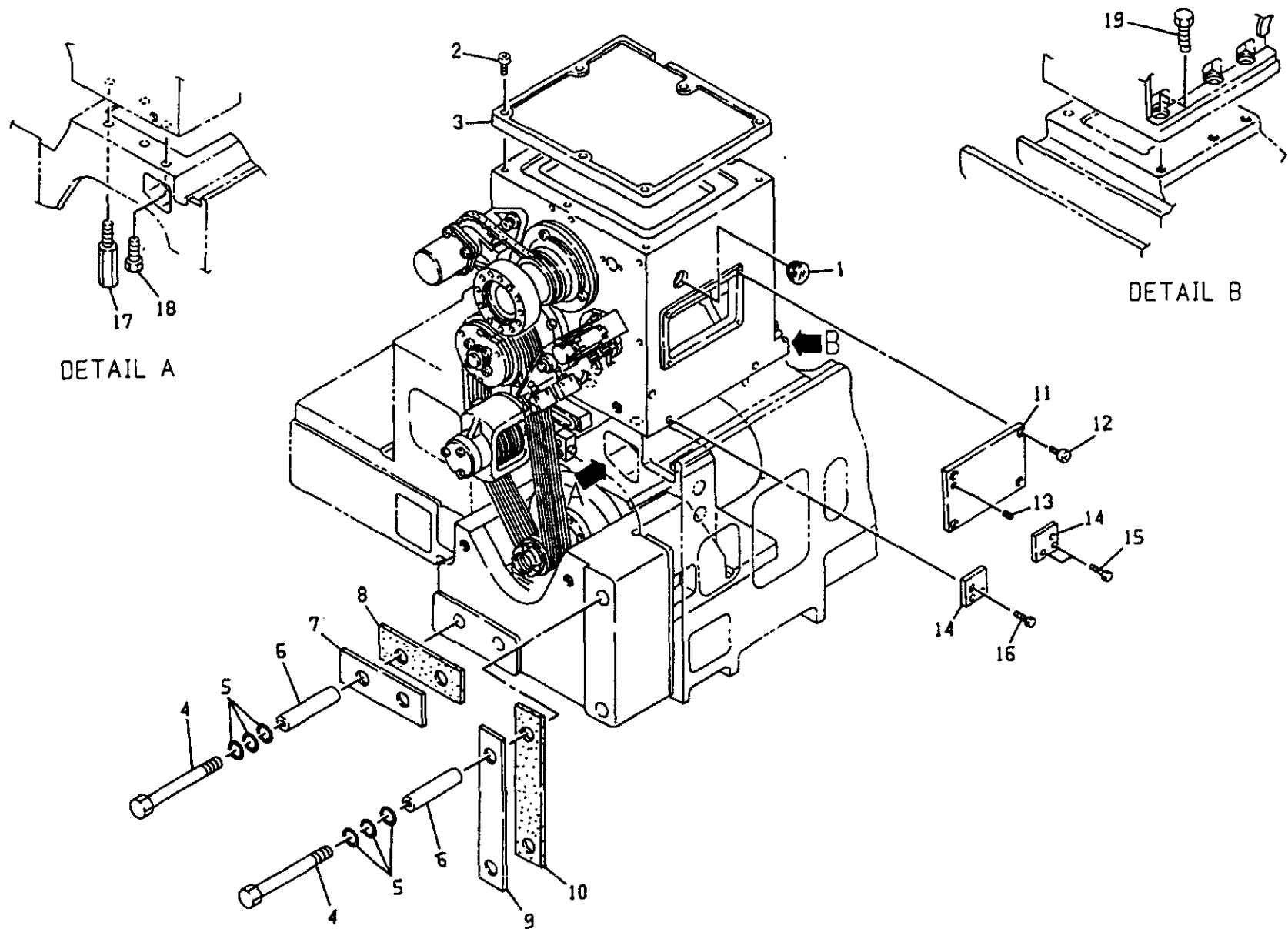
DETAIL A



DETAIL B

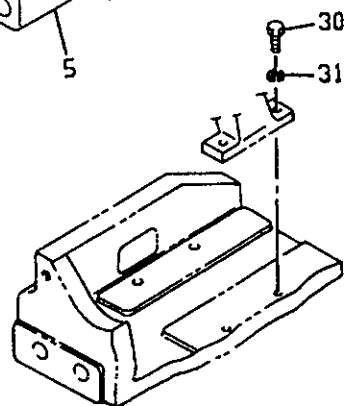
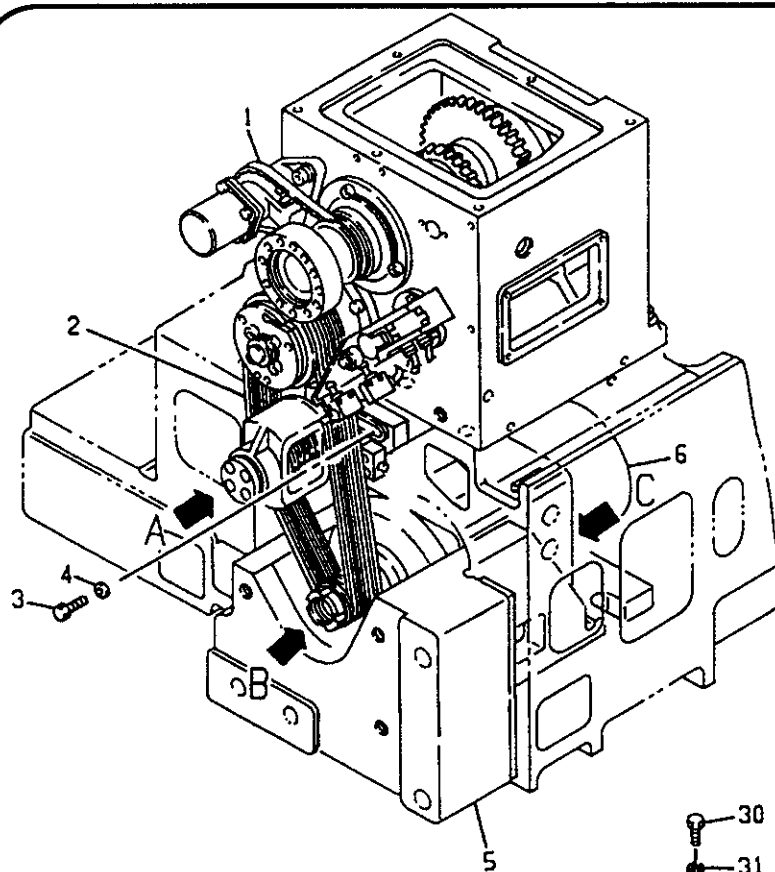
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
2 - 1	C5010-060221	BOLT, SOCKET-HEAD 6X22	A118-1527	4					
2 - 2	118-0300-22-3	SHAFT	A118-1527	1					
2 - 3	118-0300-36	COLLAR	A118-1527	1					
2 - 4	118-0300-43-2	BRACKET	A118-1527	1					
2 - 5	118-1502-25-01	PULLEY MODEL 4200	A118-1524	1					
2 - 6	M009-0017-65-1	BEARING NSK 6206	A118-1527	2					
2 - 7	118-0300-29-1	COLLAR	A118-1527	1					
2 - 8	118-0300-28-1	COLLAR	A118-1527	1					
2 - 9	118-0300-30-1	HOLDER	A118-1527	1					
2 - 10	C5010-050121	BOLT, SOCKET-HEAD 5X12	A118-1527	4					
2 - 11	118-0300-23-1	COLLAR	A118-1527	1					
2 - 12	118-0300-35	WASHER	A118-1527	1					
2 - 13	C5160-000101	WASHER, SPRING 10	A118-1527	1					
2 - 14	C5010-100301	BOLT, SOCKET-HEAD 10X30	A118-1527	1					
2 - 15	C5211-040160	PIN, SPRING, 4X16	A118-1527	1					
2 - 16	K118-1527-01-00	SUPPORT	A118-1527	1					
2 - 17	118-0300-44	BOLT	A118-1527	1					
2 - 18	C5010-080301	BOLT, SOCKET-HEAD 8X30	A118-1527	2					
2 - 19	C5132-000401	NUT, BEARING 40	A118-1524	1					
2 - 20	C5152-000400	WASHER, LOCK 40	A118-1524	1					
2 - 21	118-1502-24-02	PULLEY MODEL 4200	A118-1524	1					
2 - 22	118-1500-50-2	SLEEVE MODEL 6	A118-1524	1					
2 - 23	118-1500-51-3	KEY MODEL 6	A118-1524	1					



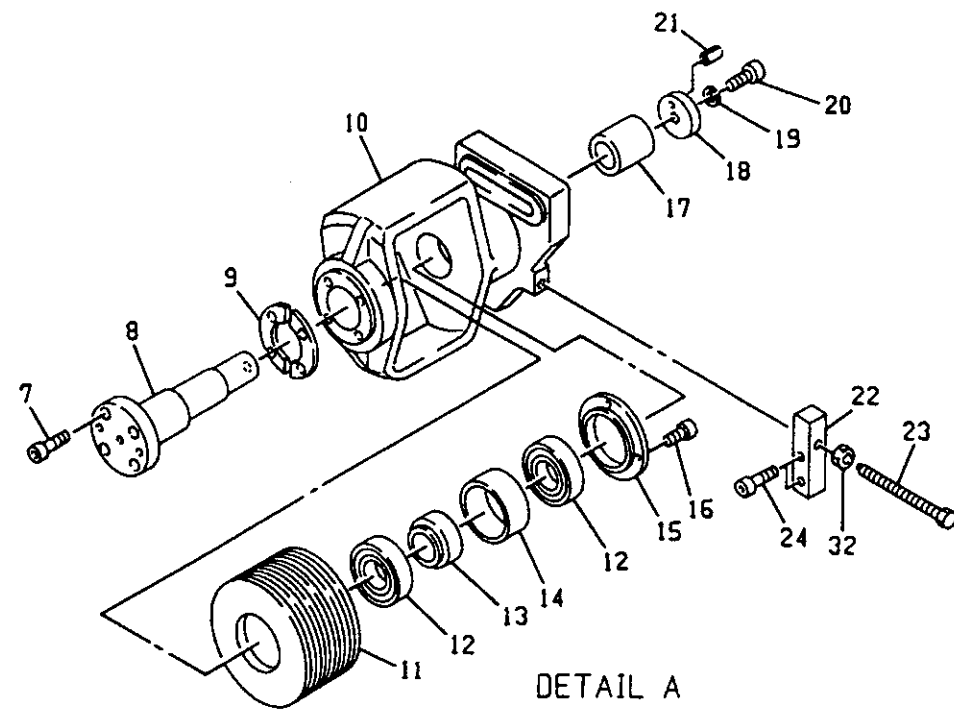


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

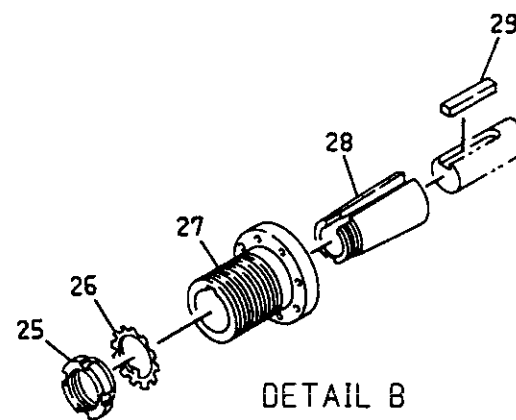
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DETAIL C



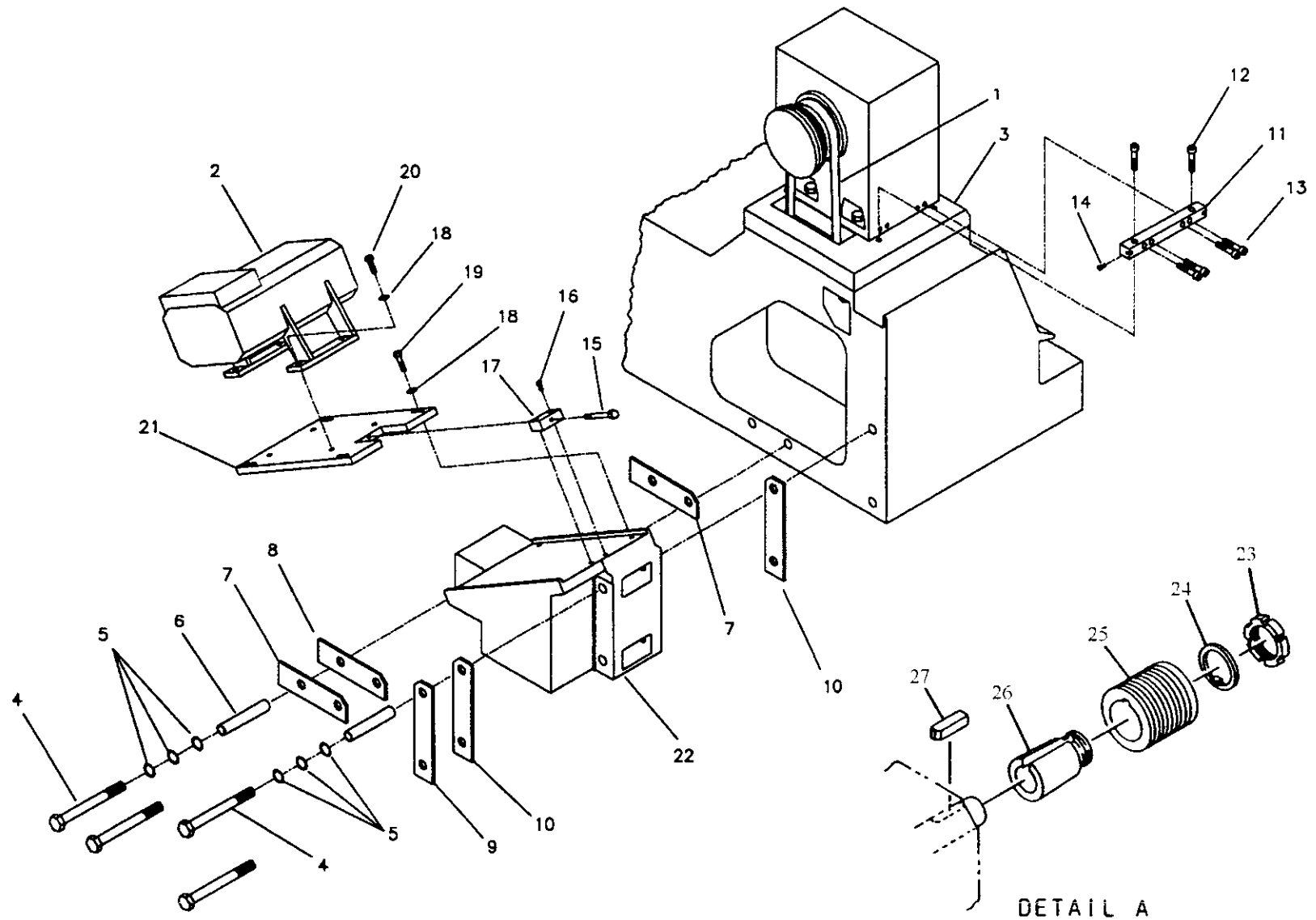
DETAIL A



DETAIL B

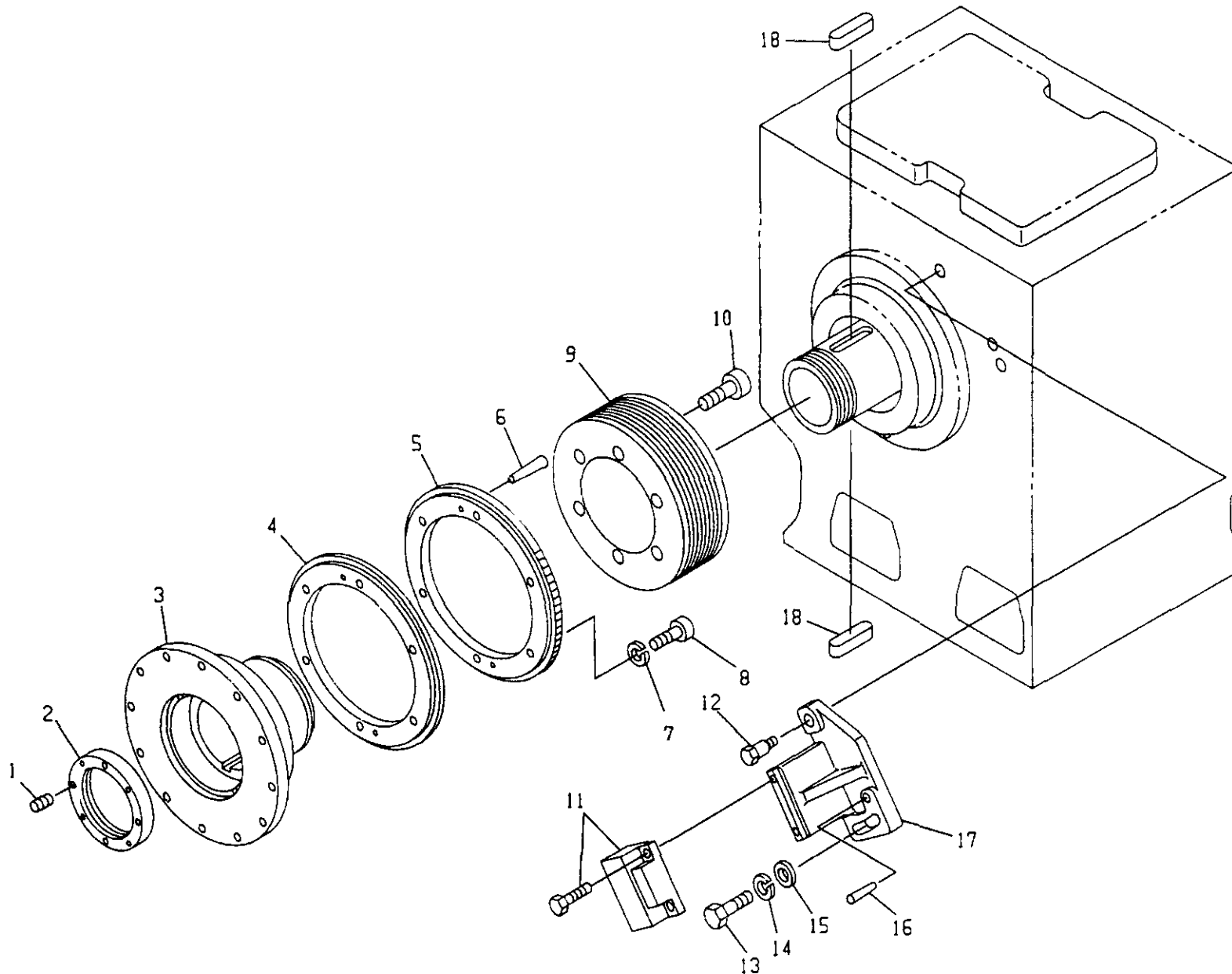
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

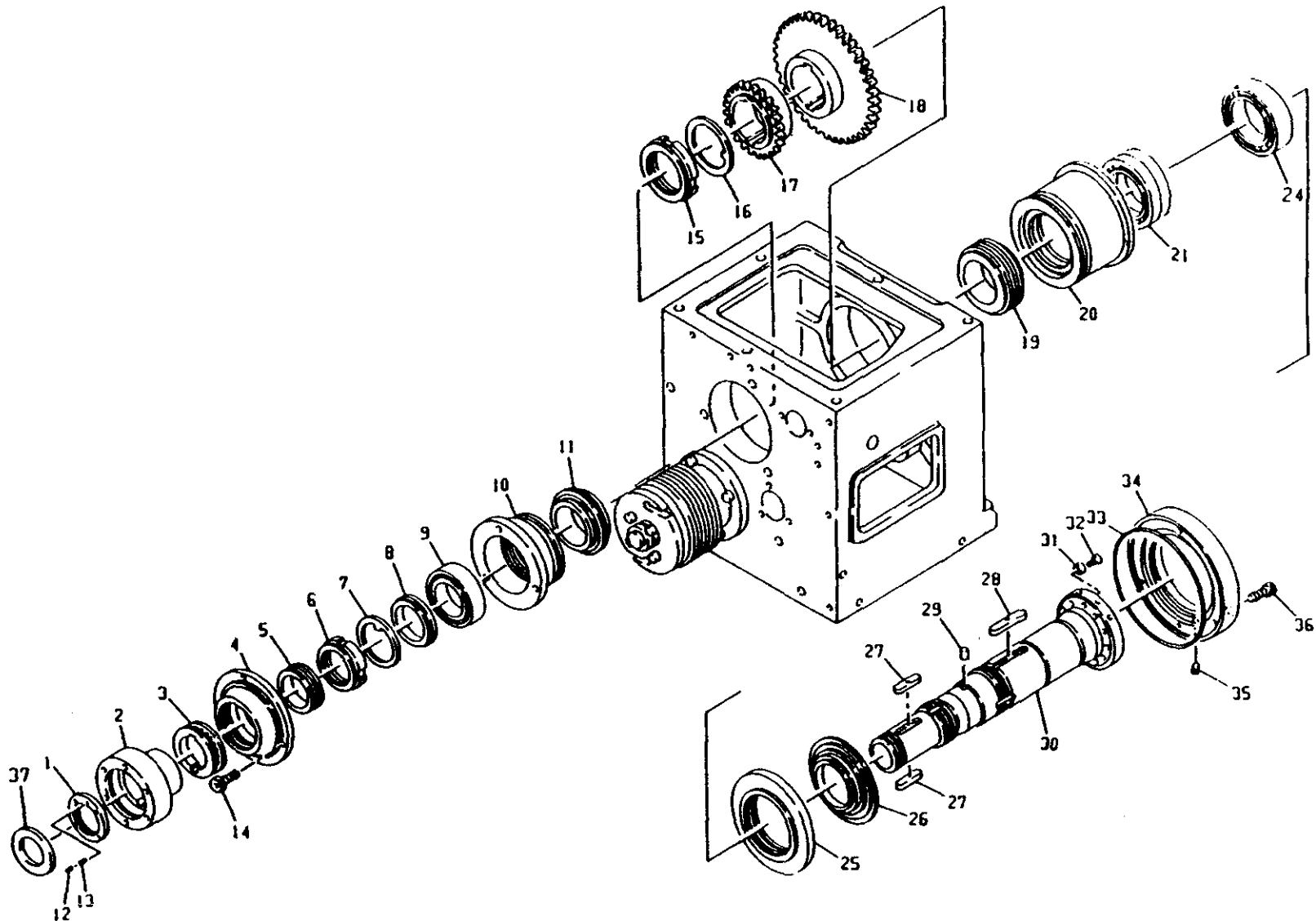
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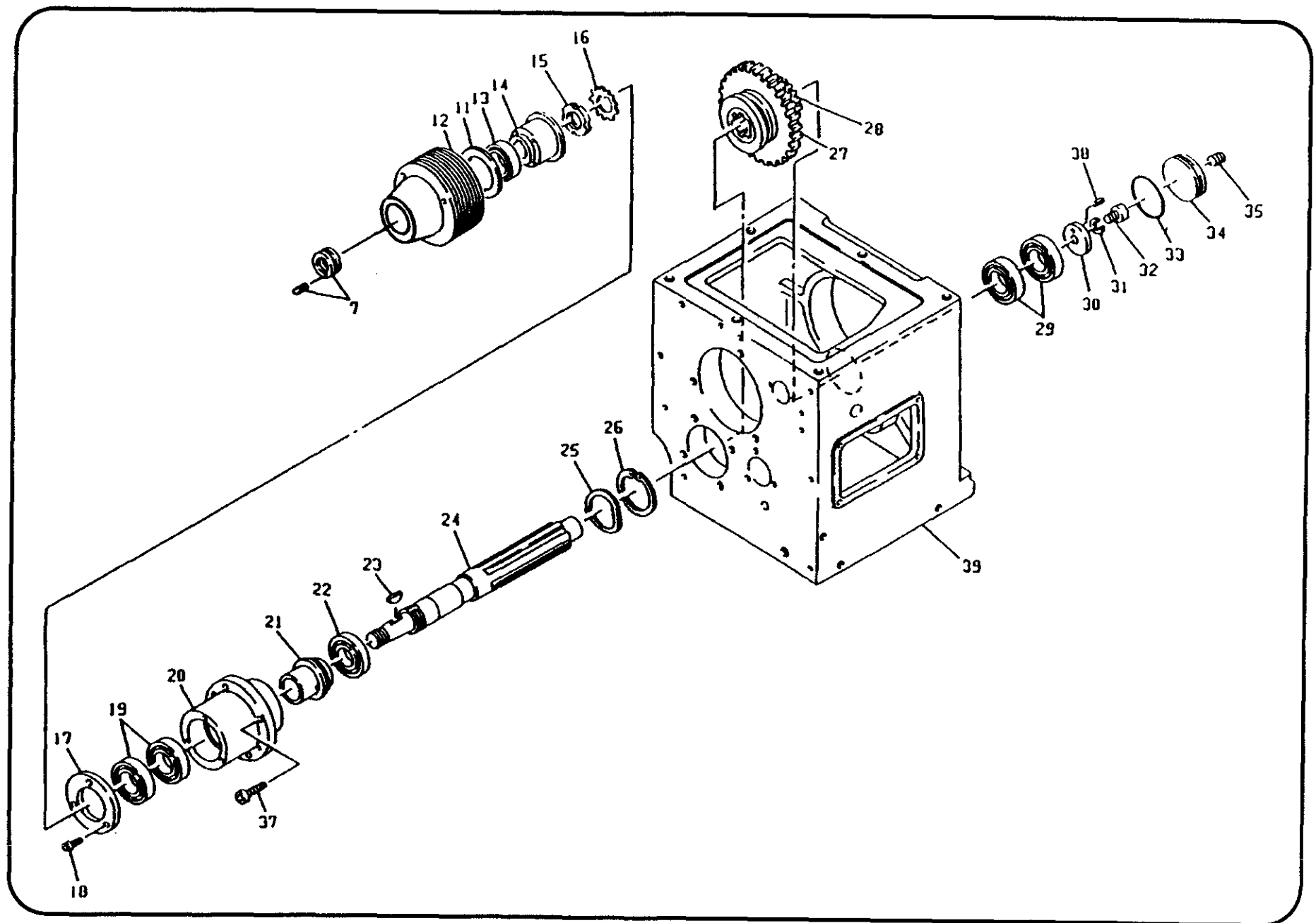
INDEX	PART NO.	DESCRIPTION	UNIT	QTY



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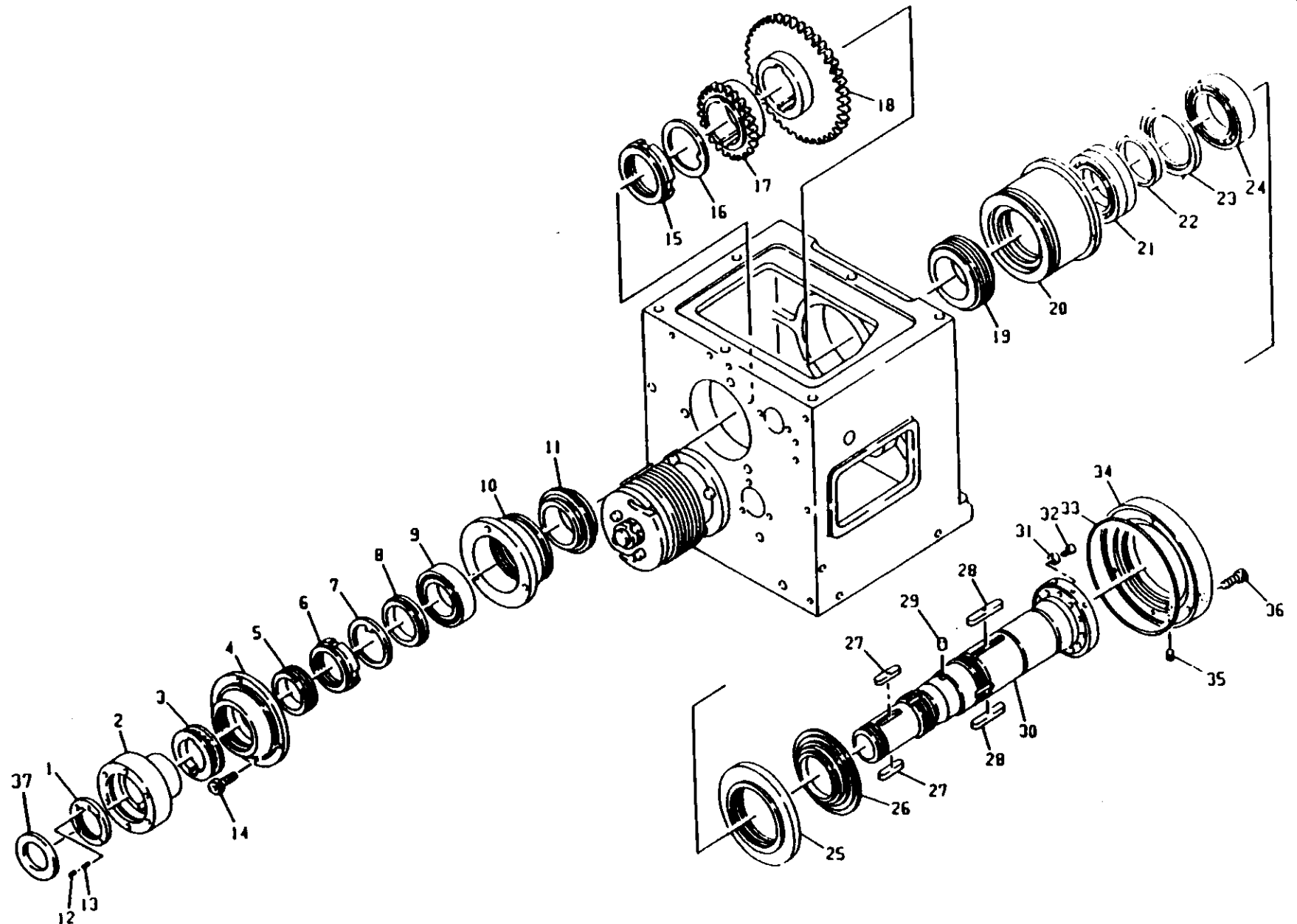


INDEX	PART NO.	DESCRIPTION	UNIT	QTY



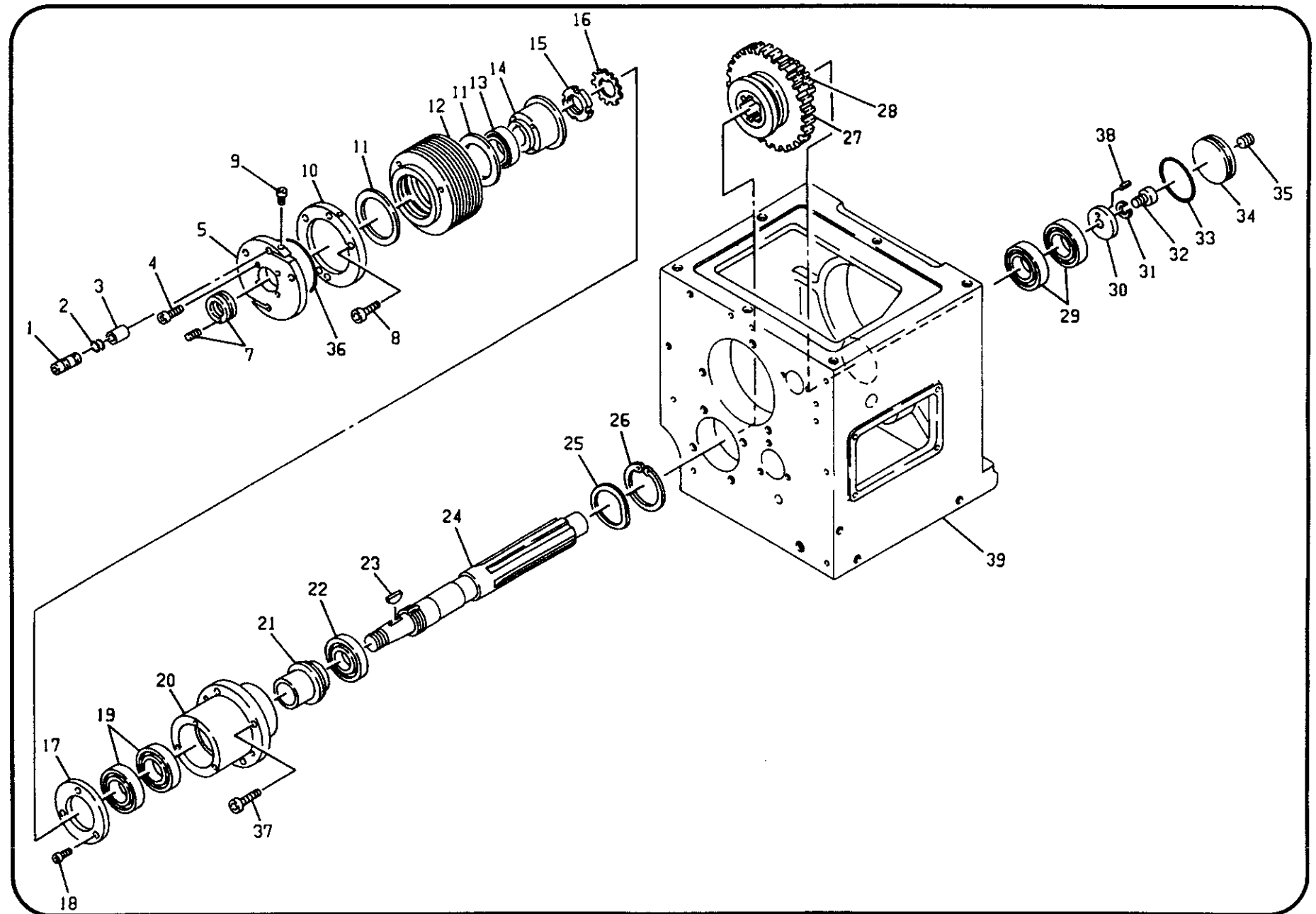
**OKUMA MACHINE TOOLS, INC.**

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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

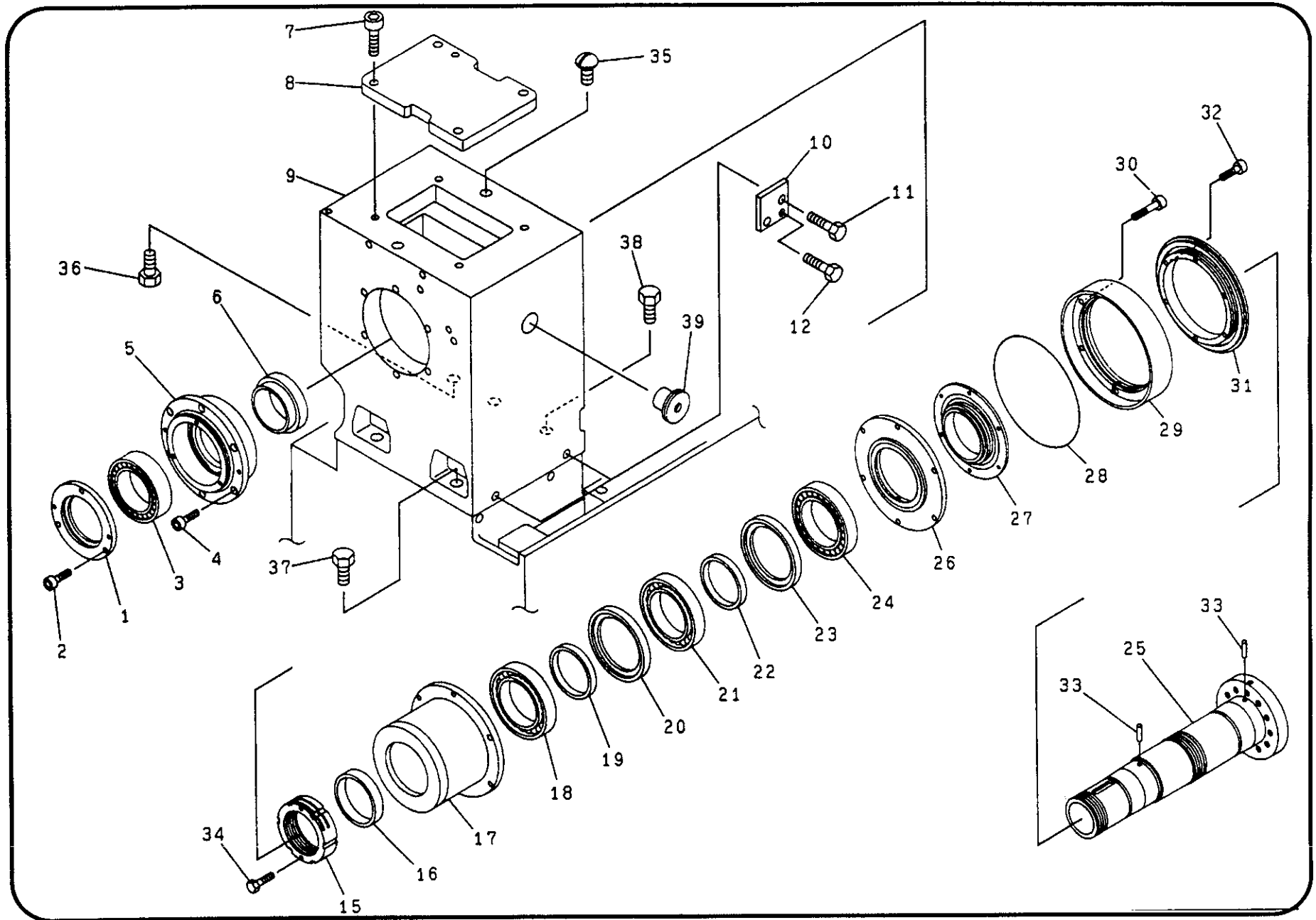
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
12 - 1	118-1500-60-4	PIN	A118-2911	2	12 - 39	118-1005-06-4	HEADSTOCK	A118-1006	1
12 - 2	C6110-000P8	O-RING P8	A118-2911	4					
12 - 3	118-1500-59-1	GIB	A118-1527	2					
12 - 4	C5010-080251	BOLT, SOCKETHEAD 8X25	A118-1527	3					
12 - 5	118-1500-58-3	FLANGE	A118-1527	1					
12 - 7	H1005-0001-26	NUT, HEX	A118-1206	1					
12 - 8	C5010-080201	BOLT, SOCKETHEAD 8X20	A118-1527	3					
12 - 9	C5010-060161	BOLT, SOCKETHEAD 6X16	A118-1527	2					
12 - 10	118-1500-57	FLANGE	A118-1527	1					
12 - 11	M001-AS1116	BEARING, NTN	A118-1527	2					
12 - 12	118-1502-28-03	PULLEY 11/7.5KW 4200	A118-1520	1					
12 - 13	M001-NK80/35R	BEARING, NTN	A118-1520	1					
12 - 14	118-1500-55-5	FLANGE	A118-1527	1					
12 - 15	C5132-000451	NUT, BEARING 45	A118-1206	1					
12 - 16	C5152-000450	WASHER, LOCK 45	A118-1206	1					
12 - 17	118-1200-23-1	CAP	A118-1206	1					
12 - 18	C5010-060141	BOLT, SOCKETHEAD 6X14	A118-1206	3					
12 - 19	M000-6209LLB	BEARING, NTN	A118-1206	2					
12 - 20	127-0102-01-8	HOUSING	A118-1206	1					
12 - 21	118-1200-30	COLLAR	A118-1206	1					
12 - 22	M000-6209Z	BEARING	A118-1206	1					
12 - 23	C5171-007380	KEY, WOODRUFF 7X38	A118-1206	1					
12 - 24	118-1200-24-7	SHAFT	A118-1206	1					
12 - 25	H1004-0001-34	WASHER, WAVE, IWATA	A118-1206	1					
12 - 26	C5181-000900	SNAPRING, INTERNAL 90	A118-1206	1					
12 - 27	118-1200-02-5	GEAR	A118-1206	1					
12 - 28	118-1200-19-4	GEAR	A118-1206	1					
12 - 29	M000-6209	BEARING	A118-1206	2					
12 - 30	137-0111-14-1	WASHER	A118-1206	1					
12 - 31	C5160-000101	WASHER, SPRING 10	A118-1206	1					
12 - 32	C5010-100251	BOLT, SOCKETHEAD 10X25	A118-1206	1					
12 - 33	C6110-000G80	ORING 3.1X79.4	K118-1004	1					
12 - 34	127-0100-04-2	COVER, BLIND	K118-1004	1					
12 - 35	C5030-008101	SETSCREW, FLATPOINT 8	A118-1006	1					
12 - 36	C6110-000G85	ORING 3.1X84.4	A118-1527	1					
12 - 37	C5010-120401	BOLT, SOCKETHEAD 12X40	A118-1206	4					
12 - 38	C5211-040100	PIN, SPRING 4X10	A118-1206	1					

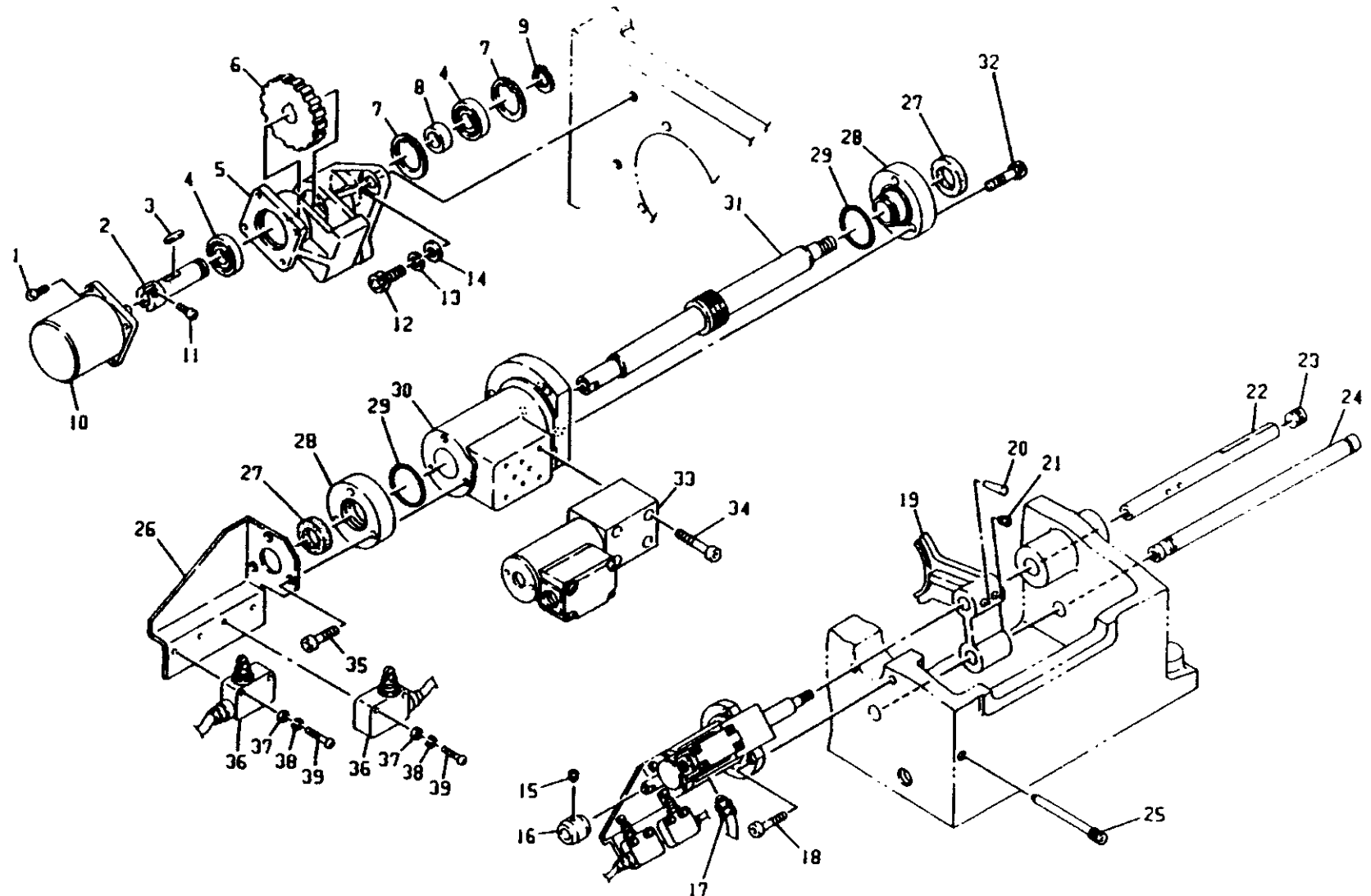


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INDEX	PART NO	DESCRIPTION	UNIT	QTY

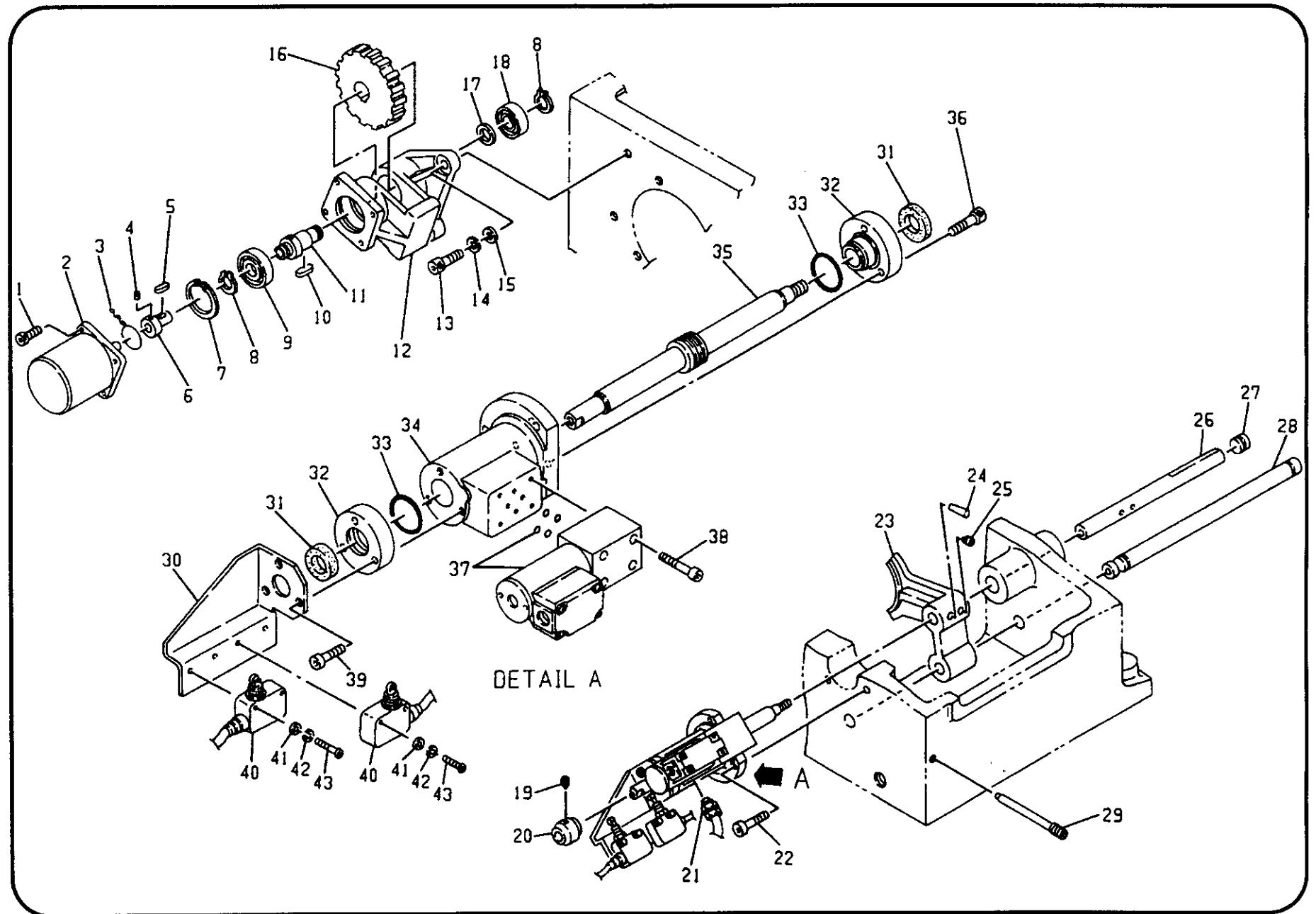
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
15 - 1	C5010-050141	BOLT, SOCKET-HEAD 5X14	A118-1300	4
15 - 2	118-1300-03-4	SHAFT	A118-1300	1
15 - 3	C5170-050250	KEY, FEATHER 5X5X25	A118-1300	1
15 - 4	M000-6204ZZP6	BEARING 6204ZZP6	A118-1300	2
15 - 5	K118-1000-41-00	BRACKET	A118-1300	2
15 - 6	118-1300-08-2	PULLEY, SYNCHRO	A118-1300	1
15 - 7	C5181-000470	SNAP-RING, INTERNAL 47	A118-1300	2
15 - 8	118-1300-10	COLLAR	A118-1300	1
15 - 9	C5180-000200	SNAP-RING, EXTERNAL 20	A118-1300	1
15 - 10	KE0-0073-00	OPTCODER FANUC	A118-1300	1
15 - 11	C5010-050141	BOLT, SOCKET-HEAD 5XL4	A118-1300	2
15 - 12	C5010-120401	BOLT, SOCKET-HEAD 12X40	A118-1300	2
15 - 13	C5160-000121	WASHER, SPRING 12	A118-1300	2
15 - 14	C5140-000121	WASHER, POLISHED 12	A118-1300	2
15 - 15	C5030-006081	SET-SCREW, FLAT-POINT 6X8	A118X-1202	1
15 - 16	147-0113-12	DOG	A118X-1202	1
15 - 17	H0010-0002-17	CONNECTOR, MALE	A118X-1202	2
15 - 18	C5010-080251	BOLT, SOCKET-HEAD 8X25	A118X-1202	3
15 - 19	118-1200-21-1	SHIFTER	A118X-1202	1
15 - 20	C0201-060361	ITP 6X36	A118X-1202	1
15 - 21	C5034-008101	SET-SCREW, CUP-POINT 8X10	A118X-1202	1
15 - 22	118-1200-17	SHAFT	A118X-1202	1
15 - 23	C0500-000201	PLUG 20	A118X-1009	1
15 - 24	118-1200-06	SHAFT	A118X-1202	1
15 - 25	118-1200-14-1	BOLT	A118X-1009	1
15 - 26	118-1205-03	SUPPORT	A118X-1202	1
15 - 27	H0031-0009-26	PACKING USH20285	A118X-1202	2
15 - 28	128-0112-04-1	CAP	A118X-1202	2
15 - 29	C6110-000G35	O-RING G35	A118X-1202	2
15 - 30	118-1200-20-2	CYLINDER	A118X-1202	1
15 - 31	118-1200-18-3	SHAFT	A118X-1202	1
15 - 32	C5010-060301	BOLT, SOCKET-HEAD 6X30	A118X-1202	3
15 - 33	KF0-0094-01	VALVE, SOLENOID PARKER DIVIAJW F59	A118X-1202	1
15 - 34	C5010-050451	BOLT, SOCKET-HEAD 5X45	A118X-1202	4
15 - 35	C5010-060301	BOLT, SOCKET-HEAD 6X30	A118X-1202	3
15 - 36	E3019-891-017	LIMIT-SWITCH YAMATAKE SL1-A	A118X-1202	2

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
15 - 37	C5140-000041	WASHER, POLISHED 4	A118X-1202	4
15 - 38	C5160-000041	WASHER, SPRING 4	A118X-1202	4
15 - 39	C5040-004251	SCREW, PAN-HEAD 4X25	A118X-1202	4

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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
16 - 1	C5010-050141	BOLT, SOCKETHEAD 5X14	A1181006	4
16 - 2	X	OPTCODER		1
16 - 3	M1200-6080	WIRE, STEEL MO. 6X80	A1181006	1
16 - 4	C5030-006081	SETSCREW, FLATPOINT 6 X 8	A1181006	1
16 - 5	C5170-040150	KEY, FEATHER 4X4X15	A1181006	1
16 - 6	174-7100-03-2	SHAFT	A1181006	1
16 - 7	C5181-000470	SNAPRING, INTERNAL 47	A1181006	1
16 - 8	C5180-000200	SNAPRING, EXTERNAL 20	A1181006	2
16 - 9	M0006-204ZZP6	BEARING	A1181006	1
16 - 10	C5170-050150	KEY, FEATHER 5X5X15	A1181006	1
16 - 11	127-0120-05	SHAFT	A1181006	1
16 - 12	118-1005-04-1	BRACKET	A1181006	1
16 - 13	C5010-120501	BOLT, SOCKETHEAD 12X50	A1181006	2
16 - 14	C5160-000121	WASHER, SPRING 12	A1181006	2
16 - 15	C5140-000121	WASHER, POLISHED 12	A1181006	2
16 - 16	127-0120-07	PULLEY, SYNCHRO	A1181006	1
16 - 17	127-0120-06	COLLAR	A1181006	1
16 - 18	M000-6004ZZP6	BEARING	A1181006	1
16 - 19	C5034-006081	SETSCREW, CUP POINT 6X8	A1181206	1
16 - 20	147-0113-12	DOG	A1181206	1
16 - 21	H0010-0002-17	CONNECTOR, MALE, NITTA	A1181206	2
16 - 22	C5010-080251	BOLT, SOCKETHEAD 8X25	A1181206	3
16 - 23	118-1200-21-1	SHIFTER	A1181206	1
16 - 24	C0200-060361	ETP 6X36	A1181206	1
16 - 25	C5034-008101	SETSCREW, CUP POINT 8X10	A1181206	1
16 - 26	118-1200-17	SHAFT	A1181206	1
16 - 27	C0500-000201	COVER, BLIND 20	A1181006	1
16 - 28	118-1200-06	SHAFT	A1181206	1
16 - 29	118-1200-14-1	BOLT	A1181006	1
16 - 30	118-1205-03	SUPPORT	A1181206	1
16 - 31	H0031-0009-26	PACKING, NOK	A1181206	2
16 - 32	128-0112-04-1	CAP	A1181206	2
16 - 33	D6110-000G35	ORING 3.1X34.4	A1181206	2
16 - 34	118-1200-20-2	CYLINDER	A1181206	1
16 - 35	118-1200-18-3	SHAFT	A1181206	1
16 - 36	C5010-060301	BOLT, SOCKETHEAD 6X30	A1181206	3
16 - 37	F0001-431-000-07	VALVE, SOLENOID S, NACHI	A1181206	1

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
16 - 38	C5010-050451	BOLT, SOCKETHEAD 5X45	A1181206	1
16 - 39	C5010-060301	BOLT, SOCKETHEAD 6X30	A1181206	1
16 - 40	E3019-891-017	LIMITSWITCH, YAMATAKE	A1181206	2
16 - 41	C5140-000041	WASHER, POLISHED 4	A1181206	4
16 - 42	C5160-000041	WASHER, SPRING 4	A1181206	4
16 - 43	C5040-004251	SCREW, PANHEAD 4 X 25	A1181206	4



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
18 - 1	127-0100-10	PIPE HOLDER	K118-1011	1
18 - 2	C5040-005081	SCREW, PANHEAD 5X8	K118-1011	2
18 - 3	F1234-1500-0	TUBE, SYN FLEX	K118-1011	1
18 - 4	C7793-250600	HOSE, VINYL	K118-1011	1
18 - 5	C5010-080251	BOLT, SOCKETHEAD 8X25	K118-1011	4
18 - 6	KF0-1092-00	PU MP, VOGEL MF 10	K118-1011	1
18 - 7	KM0-1121-00	BOLT, VOGEL 9492 042 102	K118-1011	6
18 - 8	KM0-1120-00	WASHER, VOGEL 650 050	K118-1011	1
18 - 9	KM0-1122-00	LID, TANK VOGEL N1000579	K118-1011	1
18 - 10	KM0-1127-00	GASKET, VOGEL 888 160003	K118-1011	1
18 - 11	KF0-1095-00	FITTING, MALE VOGEL 408-202	K118-1011	1
18 - 12	KF0-1094-00	SLEEVE, CONE VOGEL 408-001	K118-1011	1
18 - 13	KM0-1126-00	SLEEVE, OIL VOGEL 996-000199	K118-1011	1
18 - 14	KM0-1128-00	SCREW, VOGEL 9452 021 005	K118-1011	1
18 - 15	KF0-1093-00	TUBING, STEEL VOGEL WVR0-8X1	K118-1011	1
18 - 16	C7812-000442	M ELBOW, STREET 3/4	K118-1011	1
18 - 17	KM0-1131-00	WASHER, RUBBER VOGEL P50.34	K118-1011	1
18 - 18	276-5000-35-1	CLAMP, WIRE	K118-1011	1
18 - 19	KM0-1125-00	MUFFLER, FILL VOGEL B7.06	K118-1011	1
18 - 20	X	DRAIN, VOGEL 9511 000 001	K118-1011	1
18 - 21	KM0-1135-00	TANK, LUBRICATION (VOGEL)	K118-1011	1
18 - 22	KM0-1124-00	WASHER, VOGEL ZMB 3.08	K118-1011	1
18 - 23	KM0-1123-00	PLUG, DRAIN VOGEL B3.48	K118-1011	1
18 - 24	C7812-000442	M ELBOW, STREET 3/4	K118-1011	1
18 - 25	C7872-002542	JOINT, HOSE 3/4(25)	K118-1011	1
18 - 25	C7872-002542	JOINT, HOSE 3/4(25)	K118-1011	1
18 - 26	H0010-0000-17	ELBOW, MALE NITTA LIM-3/8-PT1/4	K118-1011	1
18 - 26	H0010-0000-17	ELBOW, MALE NITTA LIM-3/8-PT1/4	K118-1011	1
18 - 27	X	NAMEPLATE, VOGEL 9040 000 001	K118-1011	1
18 - 28	KM0-1133-00	BLOCK, SG VOGEL 9832 001 002	K118-1011	1
18 - 29	KM0-1129-00	BUSHING, VOGEL P50.34	K118-1011	1
18 - 30	KM0-1130-00	WASHER, VOGEL 204 565	K118-1011	1
18 - 31	KM0-1131-00	WASHER, RUBBER VOGEL P50.34	K118-1011	2
18 - 32	KM0-1134-00	GLASS, SIGHT	K118-1011	1

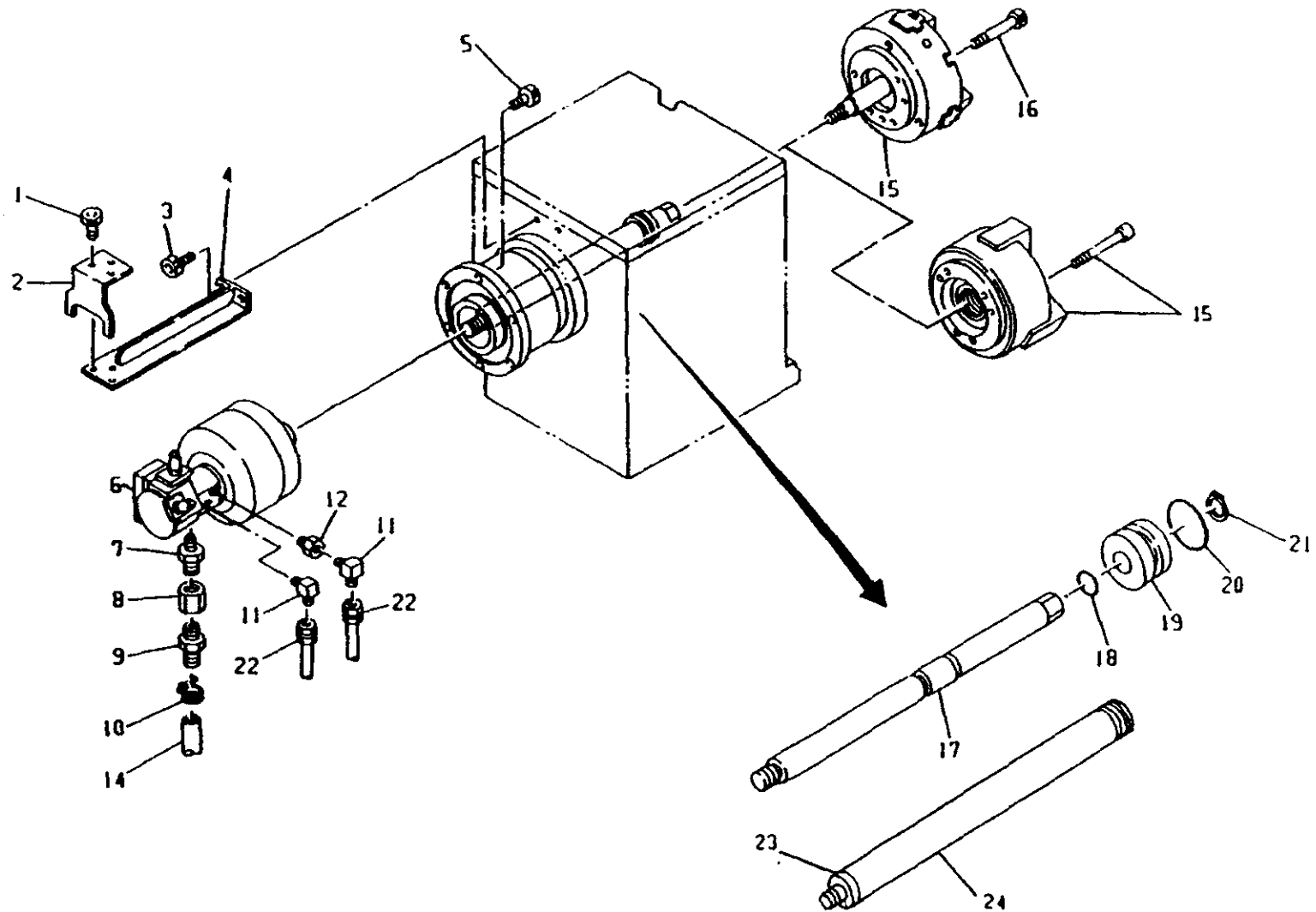
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18 - 33	KM0-1132-00	BLOCK, SG VOGEL 9832 001 001	K118-1011	1





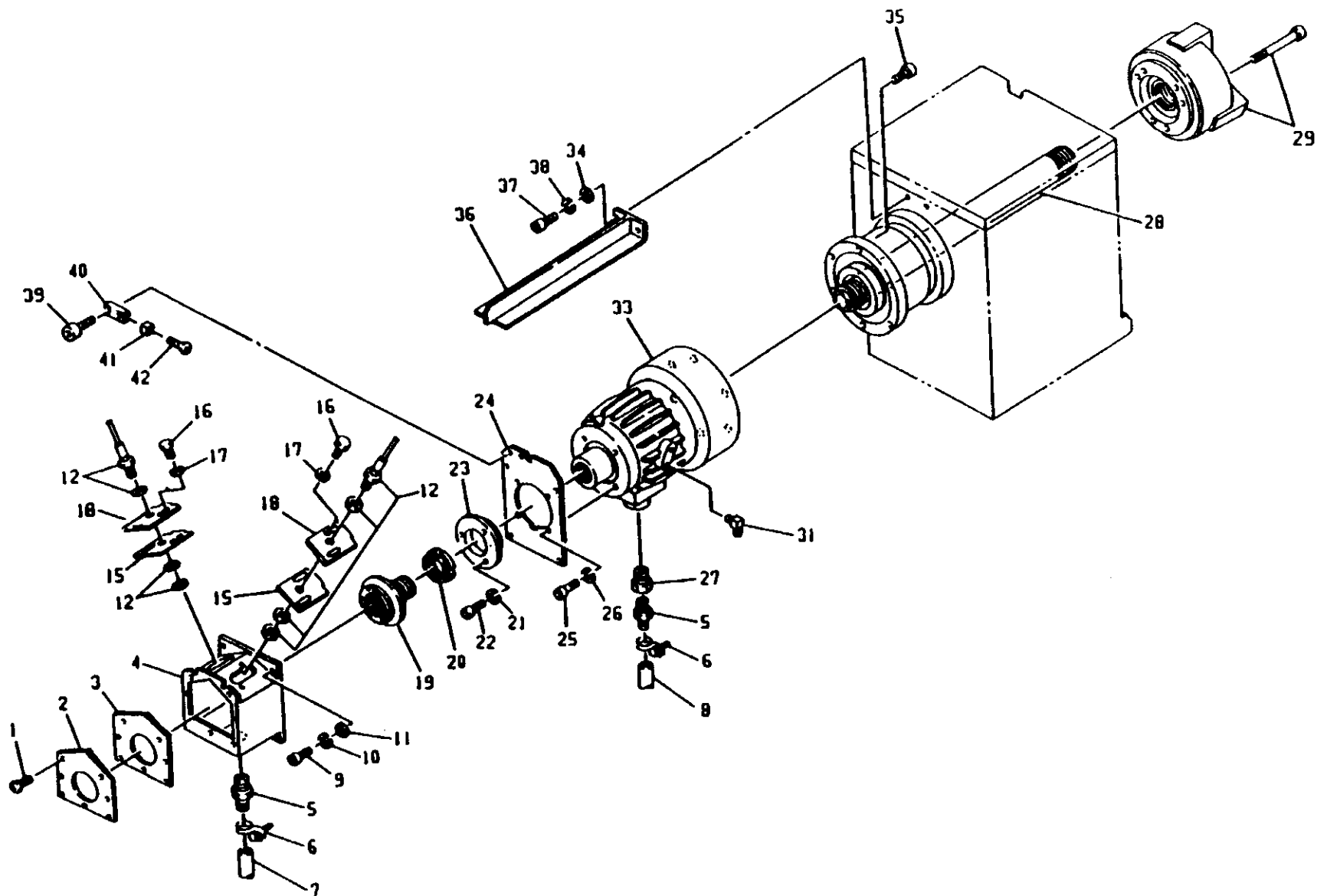
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

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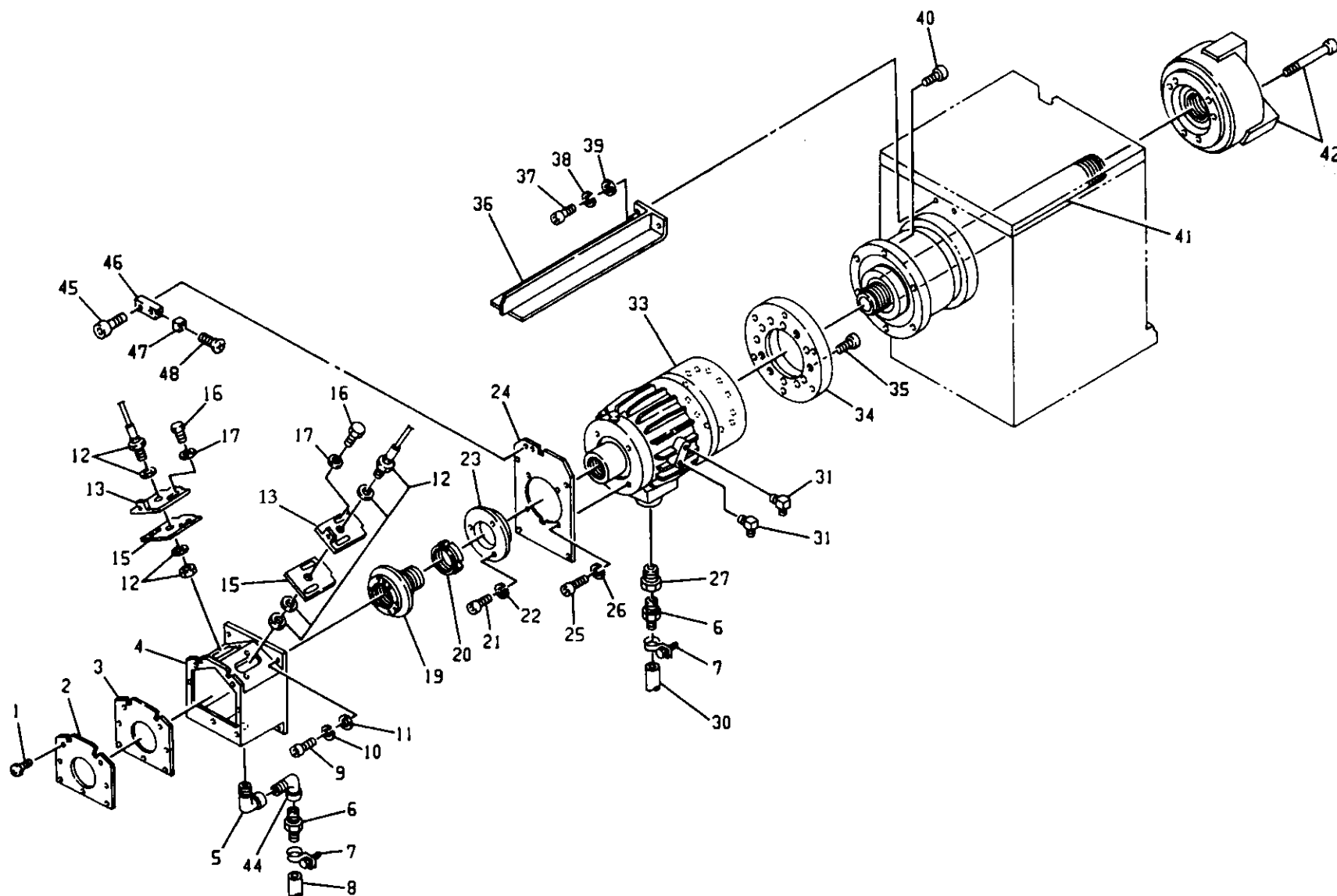
INDEX	PART NO.	DESCRIPTION	UNIT	QTY

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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
22 - 1	C5040-005081	SCREW, PAN-HEAD 5X8	A118B-8252	7
22 - 2	K118-8000-06-01	CAP	A118B-8252	1
22 - 3	KMI-0301-01	PLATE 145X160X1	A118B-8252	1
22 - 4	K118-8000-05-01	BOX	A118B-8252	1
22 - 5	C7872-002542	JOINT, HOSE	A118B-8250	3
22 - 6	C2765-000351	CLAMP, WIRE	A118B-8250	3
22 - 7	C7793-251500	HOSE, VINYL	A118B-8250	1
22 - 8	C7793-252700	HOSE, VINYL	A118B-8250	1
22 - 9	C5010-060161	BOLT, SOCKET-HEAD 6X16	A118B-8252	4
22 - 10	C5160-000061	WASHER, SPRING 6	A118B-8252	4
22 - 11	C5140-000061	WASHER, POLISHED 6	A118B-8252	4
22 - 12	E3020-397-102	SENSOR, PROXIMITY SWILCH	A118-8950	2
22 - 15	KMI-0302-01	PLATE	A118B-8252	2
22 - 16	C5010-060101	BOLT	A118X-8252	4
22 - 17	C5140-000061	WASHER, POLISHED 6	A118X-8252	4
22 - 18	K118-8000-08-02	BRACKET	A118B-8252	2
22 - 19	118-8108-71-1	DOG	A118X-8252	1
22 - 20	118-8108-73	NUT	A118X-8252	1
22 - 21	C5161-000061	WASHER, SPRING, FOR HOLE 6	A118X-8252	3
22 - 22	C5010-060201	BOLT, SOCKET-HEAD 6X20	A118X-8252	3
22 - 23	118-8108-65-1	PLATE	A118X-8252	1
22 - 24	118-8108-66-3	PLATE	A118X-8252	1
22 - 25	C5010-060161	BOLT, SOCKET-HEAD 6X16	A118X-8252	4
22 - 26	C5161-000061	WASHER, SPRING, FOR HOLE 6	A118X-8252	4
22 - 27	C7846-000542	M-BUSHING 1X3/4	A118B-8250	1
22 - 28	118-8116-15-02	PIPE, STEEL	A118-8262	1
22 - 29	T009-200-005-90	CHUCK, HYDRAULIC	A118-8904	1
22 - 30	X	BOLT, SOCKET-HEAD 1/2-13UNC		6
22 - 31	KD7870-020022	ELBOW, HOSE JOINT	A118B-8250	2
22 - 33	H0001-0003-07	CYLINDER, HYDRAULIC	A118-8912	1
22 - 34	C5140-000081	WASHER, POLISHED 8	A118X-8252	2
22 - 35	C5010-120651	BOLT, SOCKET-HEAD 12X65	A118X-1009	6
22 - 36	118-8108-61-01	SUPPORT	A118X-8252	1
22 - 37	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118X-8252	2
22 - 38	C5160-000081	WASHER, SPRING 8	A118X-8252	2
22 - 39	C5010-050201	BOLT, SOCKET-HEAD 5X20	A118X-8252	2
22 - 40	118-8113- 16	BLOCK		1

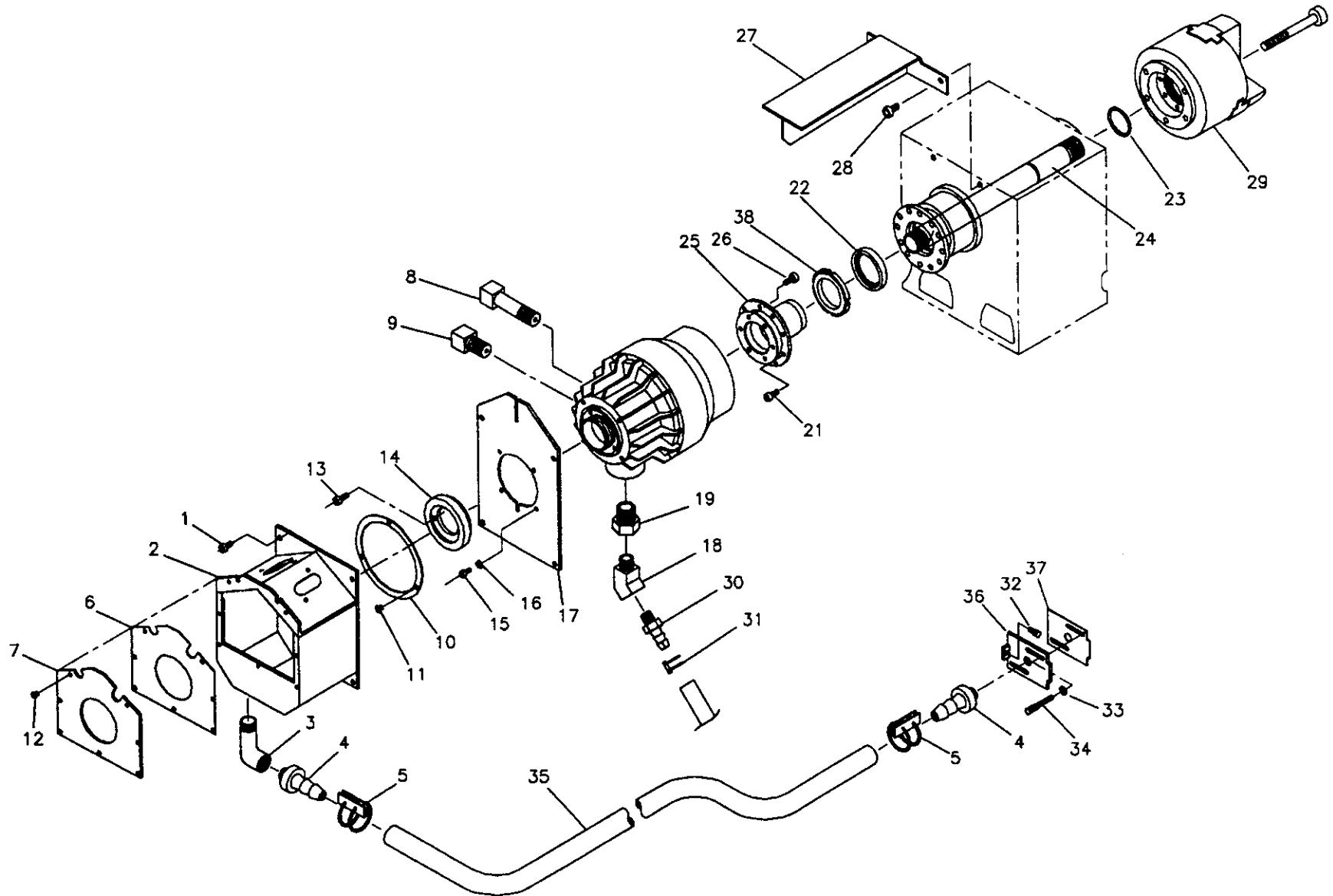
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
22 - 41	H1020-1098-30	PLATE	A118B-8252	1
22 - 42	C5035-005101	SCREW, FLAT-HEAD 5X10	A118B-8252	1



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
23 - 1	C5040-005081	SCREW,PANHEAD 5X8	K118-8007	7
23 - 2	K118-8000-09-00	CAP	K118-8007	1
23 - 3	KM1-0315-00	PLATE	K118-8007	1
23 - 4	K118-8000-07-00	BOX	K118-8007	1
23 - 5	C7813-000442	M ELBOW,STREET 3/4	K118-8007	1
23 - 7	C2765-000351	CLAMP,WIRE, SUGITA 35	A118-8250	3
23 - 8	C7793-251500	HOSE,VINYL 25X1500	A118-8250	1
23 - 9	C5010-060161	BOLT,SOCKETHEAD 6X16	K118-8007	4
23 - 10	C5160-000061	WASHER,SPRING 6	K118-8007	4
23 - 11	C5140-000061	WASHER,POLISHED 6	K118-8007	4
23 - 12	E3020-397-102	SENSOR,PROXIMITY SWITCH	A118-8950	2
23 - 13	K118-8000-10-00	BRACKET	K118-8007	2
23 - 15	KM1-0314-00	PLATE	K118-8007	2
23 - 16	C5010-060161	BOLT, SOCKETHEAD 6X16	K118-8007	4
23 - 17	C5140-000061	WASHER,POLISHED 6	K118-8007	4
23 - 19	118-8108-95-1	DOG	K118-8007	1
23 - 20	118-8108-98	NUT	K118-8007	1
23 - 21	C5010-060201	BOLT,SOCKETHEAD 6X20	K118-8007	3
23 - 22	C5161-000061	WASHER,SPRING,FOR HOLE	K118-8007	3
23 - 23	118-8109-04-1	PLATE	K118-8007	1
23 - 24	K118-8000-11-00	PLATE	K118-8007	1
23 - 25	C5010-060161	BOLT,SOCKETHEAD 6X16	K118-8007	4
23 - 26	C5161-000061	WASHER,SPRING,FOR HOLE	K118-8007	4
23 - 27	C7846-000542	M-BUSHING 1X3/4	K118-8007	1
23 - 30	C7793-252700	HOSE,VINYL 25 X 2700	A118-8250	1
23 - 31	KD7870-020022	ELBOW,HOSE JOINT, 3/8	A118-8250	2
23 - 33	H0001-0003-08	CYLINDER,HYDRAULIC, KITAGAWA	A118-8913	1
23 - 34	118-8100-92-4	FLANGE	K118-8007	1
23 - 35	C5010-120351	BOLT,SOCKETHEAD 12X35	K118-8007	6
23 - 36	118-8109-03-01	SUPPORT	K118-8007	1
23 - 37	C5010-080201	BOLT,SOCKETHEAD 8X20	K118-8007	2
23 - 38	C5160-000081	WASHER,SPRING 8	K118-8007	2
23 - 39	C5140-000081	WASHER,POLISHED 8	K118-8007	2
23 - 40	C5010-120351	BOLT,SOCKETHEAD 12X35	A118-1009	6

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
23 - 38	C5160-000081	WASHER,SPRING 8	K118-8007	2
23 - 39	C5140-000081	WASHER,POLISHED 8	K118-8007	2
23 - 40	C5010-120351	BOLT,SOCKETHEAD 12X35	A118-1009	6
23 - 41	118-8109-02-3	PIPE,STEEL	A118-8267	1
23 - 42	T009-200-005-16	CHUCK,HYDRAULIC, KITAGAWA	A118-8907	1
23 - 44	C7812-000442	M-ELBOW,STREET 3/4	A118-8250	1
23 - 45	C5010-050201	BOLT,SOCKETHEAD 5X20	K118-8007	2
23 - 46	118-8113-16	BLOCK	K118-8007	1
23 - 47	H1020-1098-30	PLATE 13.5 X 13.5 X 7	K118-8007	1
23 - 48	C5050-005101	SCREW,FLATHEAD 5X10	K118-8007	1



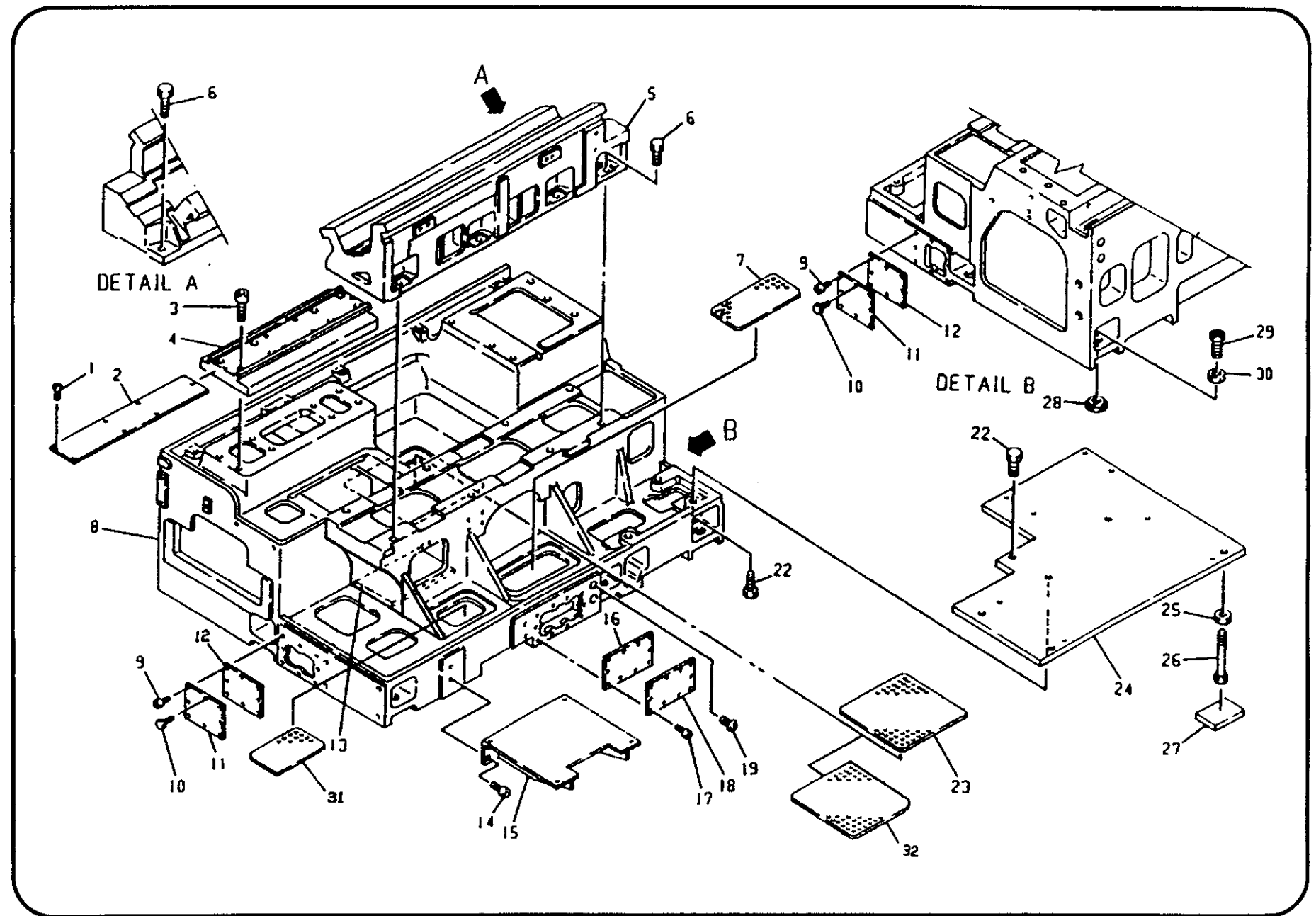


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
24 - 1	C5010-060121	BOLT, SOCKETHEAD 6X12	A125-8252	4
24 - 2	K118-8000-05-01	BOX	A125-8252	1
24 - 3	C7812-000442	M-ELBOW, STREET 3/4	A125-8252	1
24 - 4	C7872-002542	JOINT, VINYL HOSE 3/4(25)	A125-8252	2
24 - 5	C2765-000351	CLAMP, WIRE 35, SUGITA AK-1035	A125-8252	2
24 - 6	KM1-0301-00	PACKING 145X160X1	A125-8252	1
24 - 7	K118-8000-06-00	COVER	A125-8252	2
24 - 8	112-6132-24	JOINT	A125-8252	1
24 - 9	112-6132-25	JOINT	A125-8252	1
24 - 10	125-1020-08	CAP	A125-8262	1
24 - 11	C5040-006081	SCREW, PAN HEAD 6X8	A125-8262	1
24 - 12	C5040-005081	SCREW, PAN HEAD 5X8	A125-8262	7
24 - 13	C5010-060161	BOLT, SOCKETHEAD 6X16	A125-8252	3
24 - 14	112-6132-16	PLATE	A125-8252	1
24 - 15	C5010-060141	BOLT, SOCKETHEAD 6X14	A125-8252	4
24 - 16	C5161-000061	WASHER, SPRING, FOR HOLE	A125-8252	4
24 - 17	112-6132-15	PLATE	A125-8252	1
24 - 18	C7813-000442	ELBOW, STREET, M45R 3/4	A125-8252	1
24 - 19	C7846-000542	M-BUSHING 1X3/4	A125-8252	1
24 - 20	KT1-0275-00	CYLINDER, HYDRAULIC KITAGAWA S1243-01B	A125-8910	1
24 - 21	C5010-080251	BOLT, SOCKETHEAD 8X25	A125-8252	12
24 - 22	H1020-1090-46	BUSHING M92XM62X12	A125-8252	1
24 - 23	C6110-000345	O-RING 3.1X44.4	A125-8262	1
24 - 24	125-3000-92-01	DRAWTUBE	A125-8262	1
24 - 25	125-3001-15	DOG		1
24 - 26	C5010-100251	BOLT, SOCKETHEAD 10X25		8
24 - 27	125-3001-01-2	SUPPORT	A125-8252	1
24 - 28	C5010-080161	BOLT, SOCKETHEAD 8X16	A125-8252	2
24 - 29	T009-200-007-71	CHUCK KITAGAWA B07	A112-5032	1
24 - 30	C7872-002542	JOINT, HOSE	A125-8252	2
24 - 31	C2765-000351	CLAMP, WIRE	A125-8252	2
24 - 32	C5010-060121	BOLT, SOCKETHEAD 6X12	A125-8252	2
24 - 33	C5140-000061	WASHER, POLISHED 6	A125-8252	2
24 - 34	118-8108-76	BOLT	A125-8252	2
24 - 35	C7792-252000	HOSE, VINYL 25X2000	A125-8252	1
24 - 36	K118-8000-08-00	BRACKET	A125-8252	1
24 - 37	KM1-0302-00	PACKING 60 X 83.5 X 0.5	A125-8252	1

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
24 - 37	KM1-0302-00	PACKING 60 X 83.5 X 0.5	A125-8252	1
24 - 38	125-3001-16-01	NUT, DOG	A125-8252	1

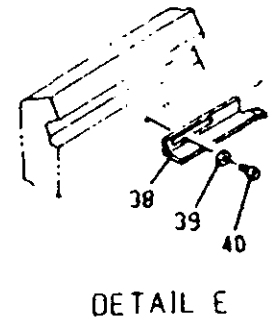
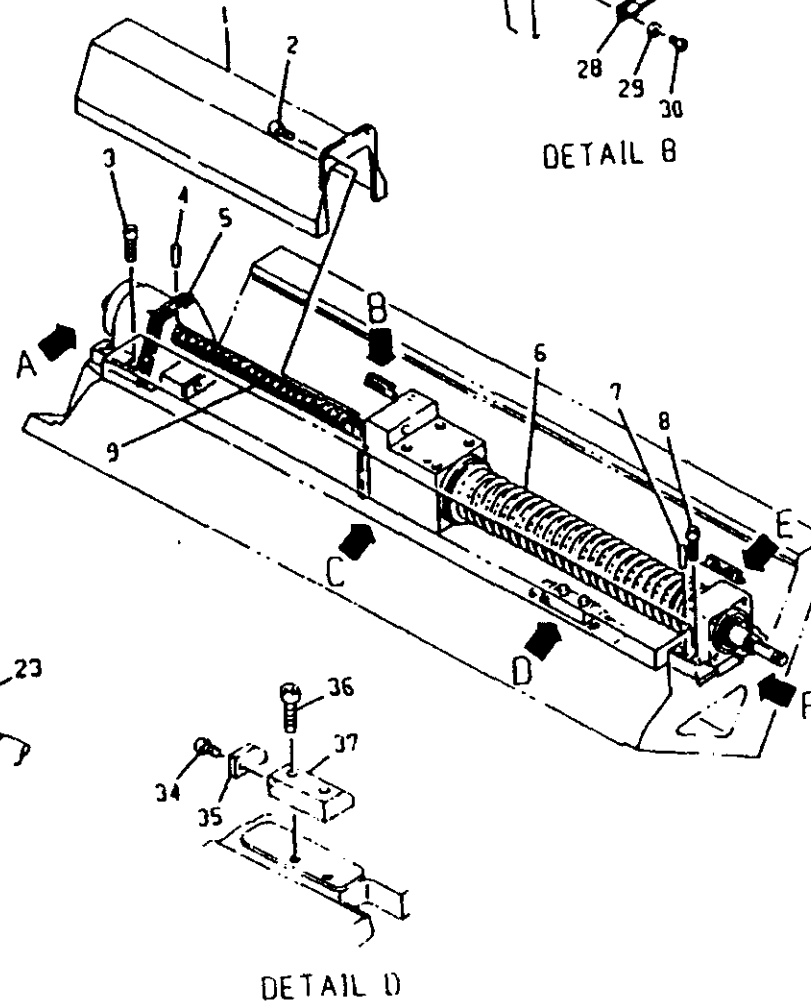
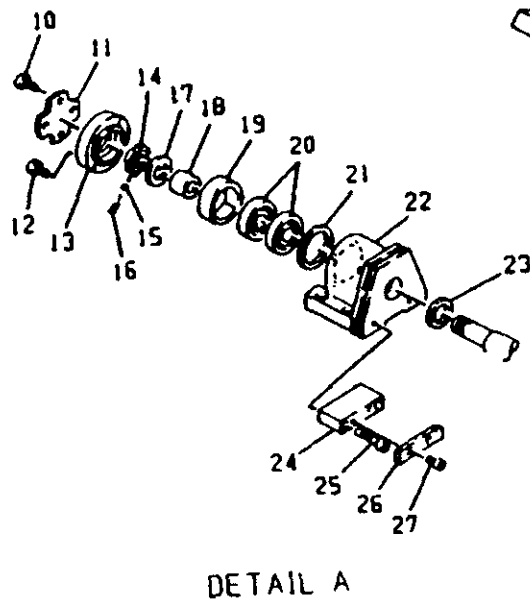
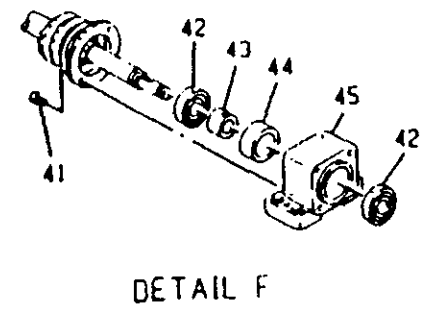
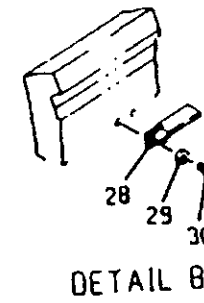
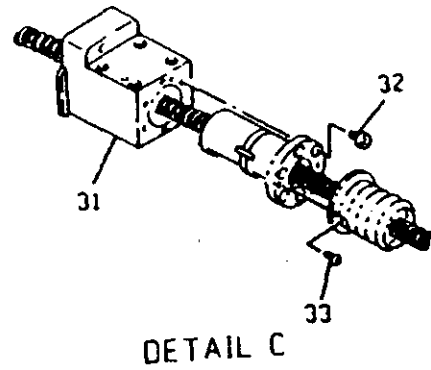
## BALL-SCREW GROUP

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Z-AXIS DRIVE UNIT .....	52
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INDEX	PART NO	DESCRIPTION	UNIT	QTY.

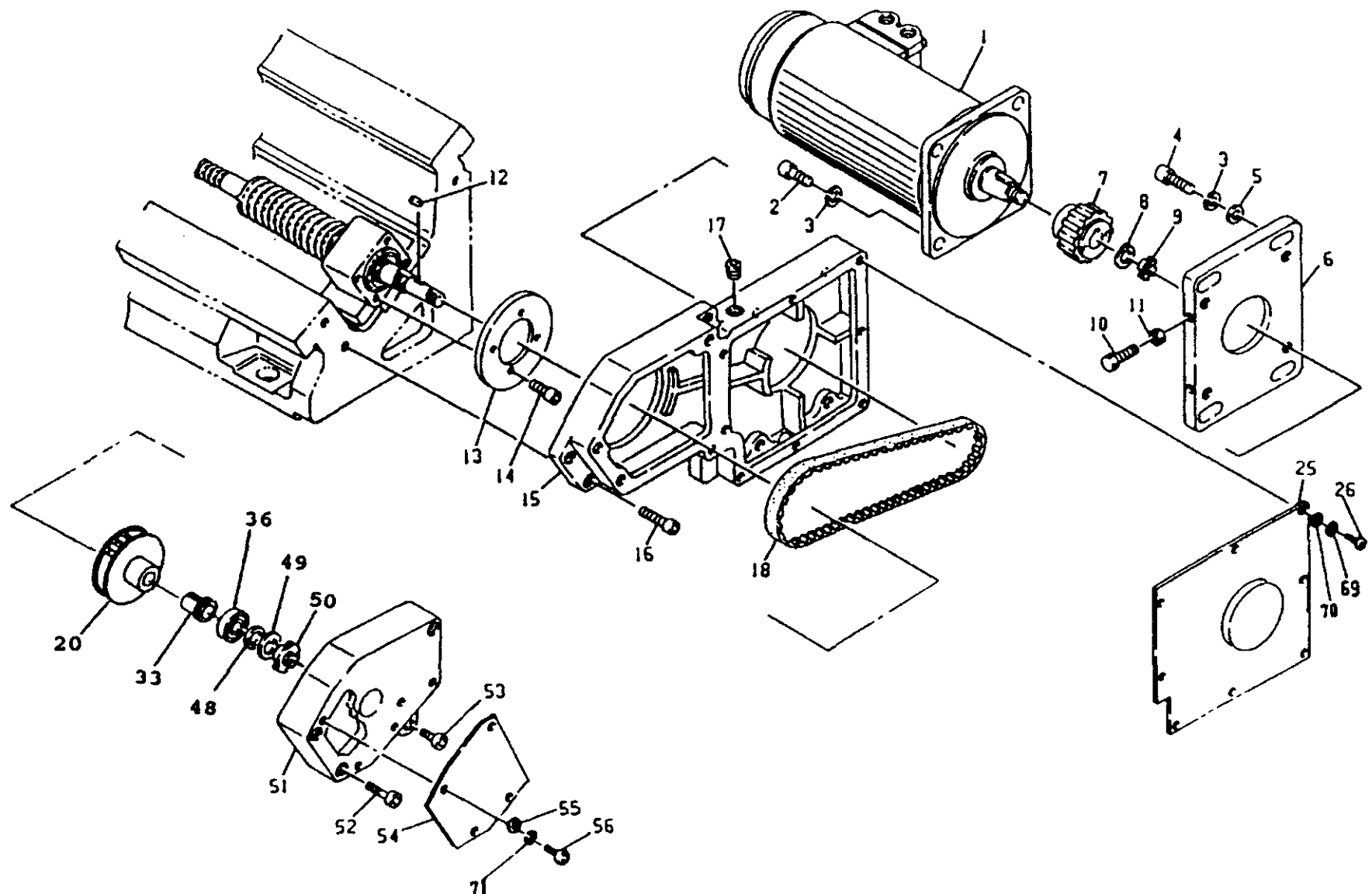
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
26 - 1	118-2100-29-2	COVER	A118X-2110	1
26 - 2	C5010-080121	BOLT, SOCKET-HEAD 8X12	A118X-2110	2
26 - 3	C5010-120451	BOLT, SOCKET-HEAD 12X45	A118X-2150	4
26 - 4	C0201-080401	ITP 8X40	A118X-2150	2
26 - 5	H1032-0002-56	FELT 8X8X310	A118X-2150	1
26 - 6	H1024-0001-24	BELLOWS	A118X-2150	1
26 - 7	C0201-080401	ITP 8X40	A118X-2150	2
26 - 8	C5010-120451	BOLT, SOCKET-HEAD 12X45	A118X-2150	4
26 - 9	H1014-0002-93	BALL SCREW CINCINNATI MILACRON	A118-2900	1
26 - 10	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118X-2150	4
26 - 11	118-2100-93-01	CAP	A118X-2150	1
26 - 12	C5051-080351	BOLT, SOCKET-HEAD 8X35	A118X-2150	4
26 - 13	118-2100-13-5	CAP	A118X-2150	1
26 - 14	118-2100-94-01	NUT	A118X-2150	1
26 - 15	C5800-004030	BLOCK	A118X-2150	2
26 - 16	C5036-006061	SET-SCREW, FLAT-POINT 6X6	A118X-2150	2
26 - 17	C5153-000250	WASHER, LOCK 25	A118X-2150	1
26 - 18	118-2100-09-1	COLLAR	A118X-2150	1
26 - 19	118-2100-10	COLLAR	A118X-2150	1
26 - 20	M000-25BST62DB	BEARING NSK 25TAC	A118X-2150	1
26 - 21	118-2100-31-1	COLLAR	A118X-2150	1
26 - 22	118-2100-04-4	BRACKET	A118X-2150	1
26 - 23	H1032-1004-64	RING, FELT	A118X-2150	1
26 - 24	118-2100-14-2	STOPPER, BASE	A118X-2110	1
26 - 25	C5010-080551	BOLT, SOCKET-HEAD 8X55	A118X-2110	2
26 - 26	H1030-1001-95-1	STOPPER NBR 25X100X10	A118X-2110	1
26 - 27	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118X-2110	2
26 - 28	118-2100-44-2	DOG	A118X-2150	1
26 - 29	C5140-000081	WASHER, POLISHED 8	A118X-2150	2
26 - 30	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-2150	2
26 - 31	118-2100-50-3	BRACKET	A118X-2150	1
26 - 32	C5010-080251	BOLT, SOCKET-HEAD 8X25	A118X-2150	5
26 - 33	C5040-006101	SCREW, PAN-HEAD 6X10	A118X-2150	2
26 - 34	C5010-060201	BOLT, SOCKET-HEAD 6X20	A118X-2110	1
26 - 35	H1030-1001-94-1	STOPPER	A118X-2110	1
26 - 36	C5010-120451	BOLT, SOCKET-HEAD 12X45	A118X-2110	2
26 - 37	K118-2000-01-00	STOPPER, BASE	A118X-2110	1

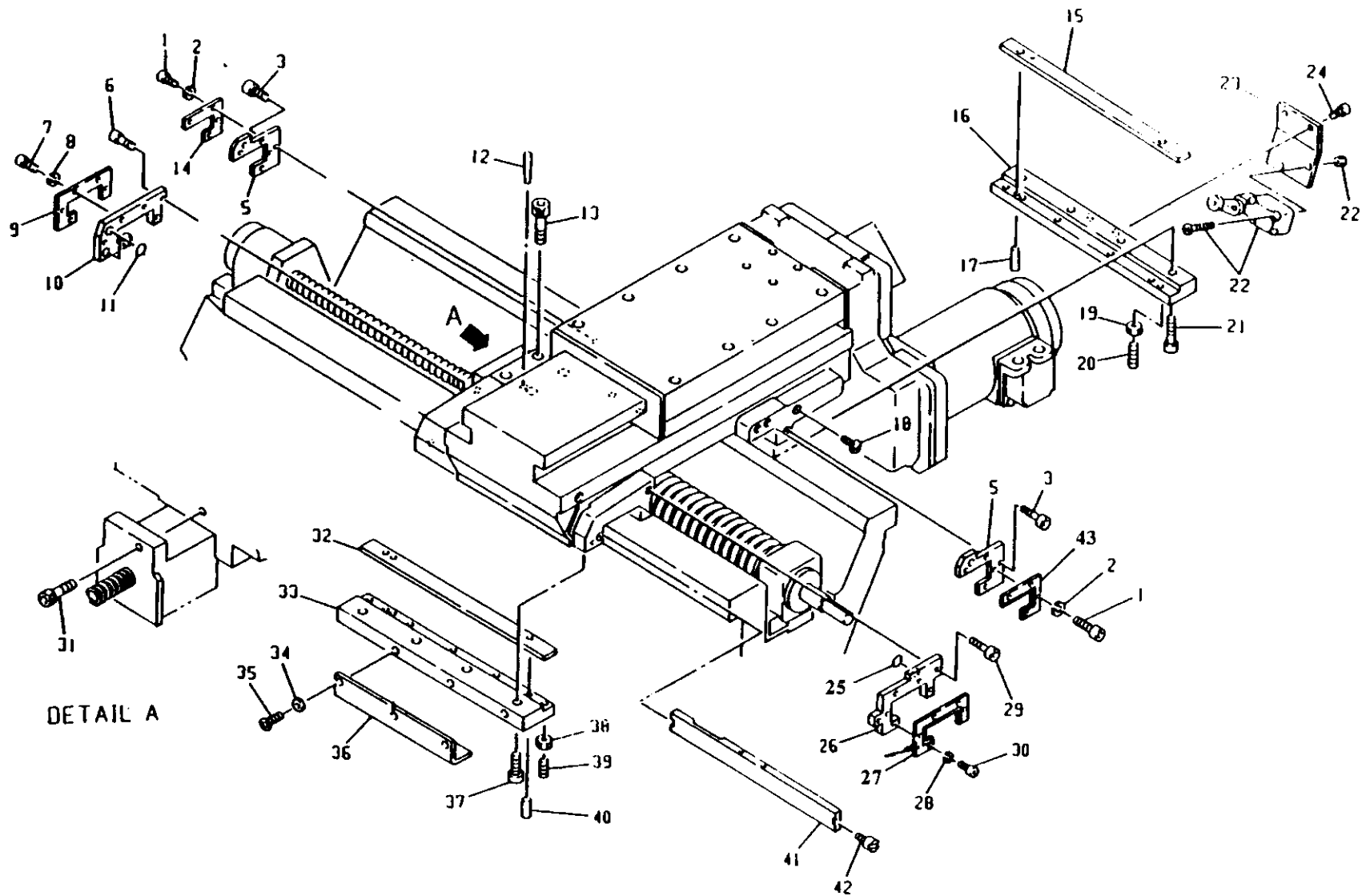
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
26 - 38	K118-2000-02-00	DOG	A118X-2150	1
26 - 39	C5140-000081	WASHER, POLISHED 8	A118X-2150	2
26 - 40	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-2150	2
26 - 41	C5040-006101	SCREW, PAN-HEAD 6X10	A118X-2150	2
26 - 42	M000-6205LLBP5	BEARING NTN 6205LLBP5	A118X-2150	2
26 - 43	C5486-025306	COLLAR, DISTANCE, INNER	A118X-2150	1
26 - 44	C5487-052306	COLLAR, DISTANCE, OUTER	A118X-2150	1
26 - 45	118-2100-05-2	BRACKET	A118X-2150	1

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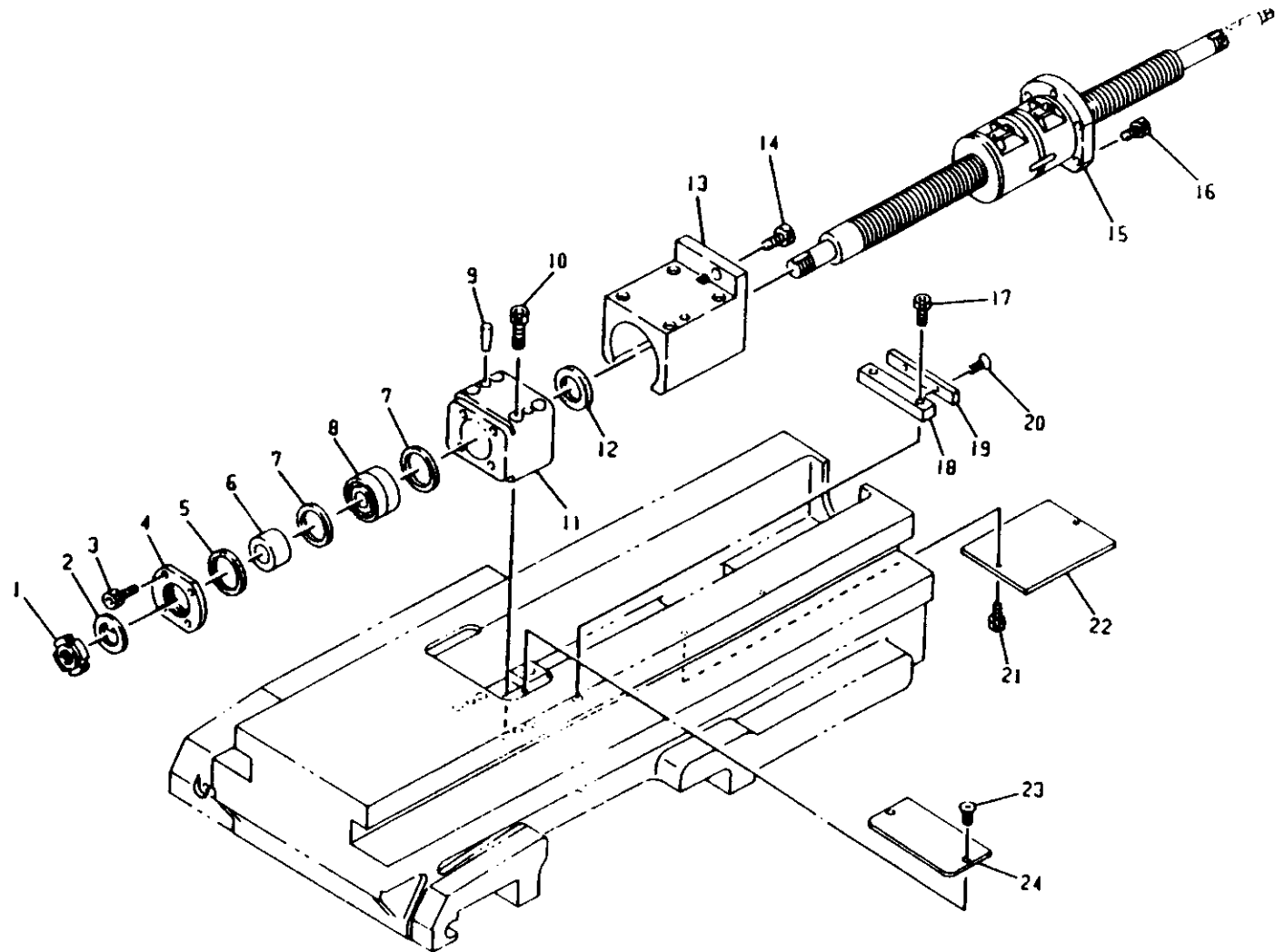


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

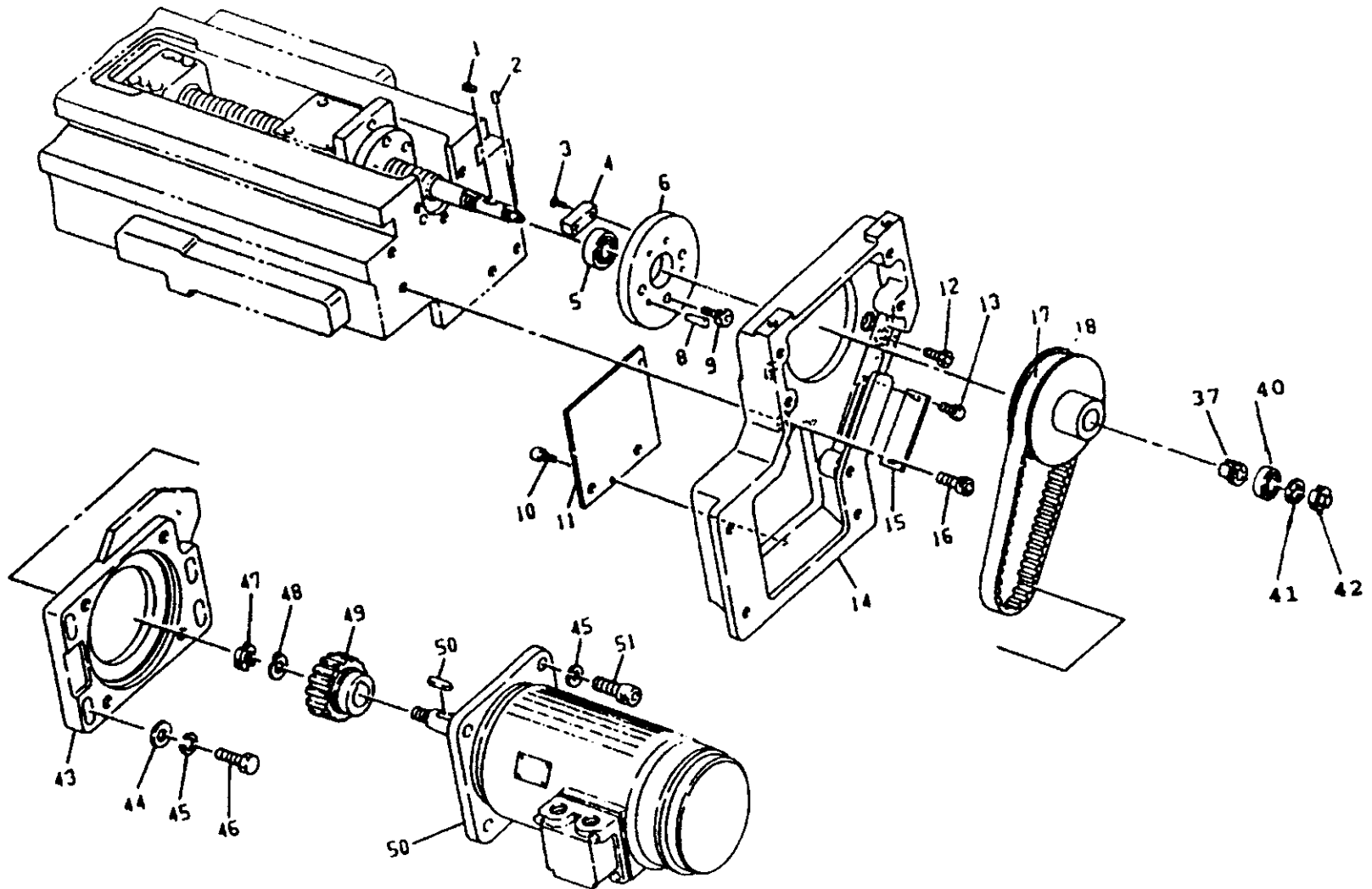


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
28 - 1	C5010-040101	BOLT, SOCKET-HEAD 4X10	A118X-2150	8
28 - 3	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118X-2150	4
28 - 4	H1023-0005-65	WIPER BANDO	A118X-2150	1
28 - 5	118-2000-08-2	WIPER	A118X-2150	2
28 - 6	C5010-080251	BOLT, SOCKET-HEAD 8X25	A118X-2150	2
28 - 7	C5010-040101	BOLT, SOCKET-HEAD 4X8	A118X-2150	5
28 - 9	H1023-0005-68	WIPER	A118X-2150	1
28 - 10	KW118-2100-48-00	WIPER	A118X-2150	1
28 - 11	C6110-0000P7	O-RING P7	A118X-2150	2
28 - 12	C0201-080501	ITP 8X50	A118X-2150	1
28 - 13	C5010-120401	BOLT, SOCKET-HEAD 12X40	A118X-2150	4
28 - 14	KW118-2000-34-3-R	SADDLE	A118X-2150	1
28 - 15	118-2000-10-7	GIB	A118X-2150	1
28 - 16	KW118-2000-04-00	BACK PLATE	A118X-2150	1
28 - 17	C5201-006120	PIN, PARALLEL 6X12	A118X-2150	2
28 - 18	C5022-000121	PLUG, FILLER, EYE-BOLT HOLE 12	A118X-2150	4
28 - 19	C5110-000081	NUT, HEX.NO.4 8	A118X-2150	5
28 - 20	C5035-008301	SET-SCREW, DOG-POINT 8X30	A118X-2150	5
28 - 21	C5010-120351	BOLT, SOCKET-HEAD 12X35	A118X-2150	4
28 - 22	E3012-891-001	LIMIT-SWITCH, 1LS1-J MICROSWITCH	A118X-2150	1
28 - 23	118-2100-47-2	BRACKET LS	A118X-2150	1
28 - 24	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118X-2150	4
28 - 25	C6110-0000P7	O-RING P7	A118X-2150	1
28 - 26	KW118-2100-49-00	WIPER	A118X-2150	1
28 - 27	H1023-0005-67	WIPER	A118X-2150	1
28 - 29	C5010-080251	BOLT, SOCKET-HEAD 8X25	A118X-2150	2
28 - 30	C5010-040101	BOLT, SOCKET-HEAD 4X10	A118X-2150	5
28 - 31	C5010-120401	BOLT, SOCKET-HEAD 12X40	A118X-2150	1
28 - 32	118-2000-23-4	GIB	A118X-2150	1
28 - 33	118-2000-21-2	BACK PLATE	A118X-2150	1
28 - 34	C5140-000061	WASHER, POLISHED 6	A118X-2150	5
28 - 35	C5040-006101	SCREW, PAN-HEAD 6X 10	A118X-2150	5
28 - 36	118-2000-12-3	SADDLE BRACKET	A118X-2150	1
28 - 37	C5000-120451	BOLT 12X45	A118X-2150	4
28 - 38	C5110-000081	NUT, HEX.NO.4 8	A118X-2150	5
28 - 39	C5035-008301	SET-SCREW, DOG-POINT 8X30	A118X-2150	5
28 - 40	C5201-006120	PIN, PARALLEL 6X12	A118X-2150	2

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
28 - 41	118-2000-22	GIB	A118X-2150	1
28 - 42	C5029-000081	BOLT, GIB 8X28	A118X-2150	2
28 - 43	H1023-0005-66	WIPER BANDO	A118X-2150	1
28 - 44	C5160-000061	WASHER, SPRING 6	A118X-2150	3



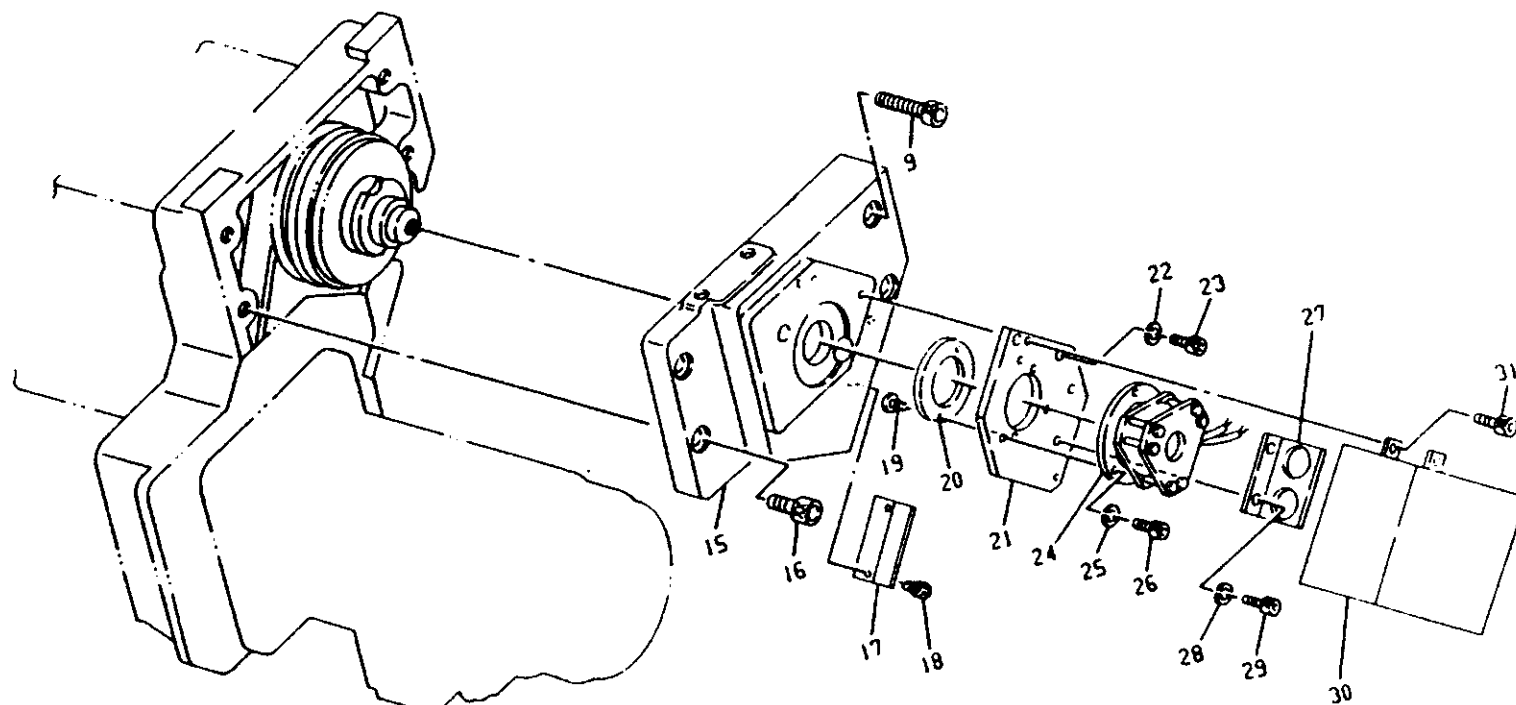
INDEX	PART NO.	DESCRIPTION	UNIT	QTY



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
30 - 1	118-2200-15-1	KEY	A118-2250	1
30 - 2	C5201-003060	PIN, PARALLEL 3X6	A118-2250	1
30 - 3	C5050-005081	SCREW, FLAT-HEAD 5X8	A118-2250	2
30 - 4	H1025-1001-55-1	STOPPER NBR 16X50X17.5	A118-2250	1
30 - 5	M000-6204LLBP5	BEARING 6204LLBP5	A118-2250	1
30 - 6	KW118-2200-19-00	HOUSING	A118-2250	1
30 - 8	C0201-060250	ITP 6X25	A118-2250	2
30 - 9	C5010-080221	BOLT, SOCKET-HEAD 8X22	A118-2250	3
30 - 10	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118-2250	2
30 - 11	KW118-2200-68-00	CAP	A118-2250	1
30 - 12	C5010-120251	BOLT, SOCKET-HEAD 12X25	A118-2250	1
30 - 13	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118-2250	2
30 - 14	118-2200-65-2	BOX	A118-2250	1
30 - 15	118-2200-69-1	CAP	A118-2250	1
30 - 16	C5010-120301	BOLT, SOCKET-HEAD 12X30	A118-2250	3
30 - 17	M119-0006-91	BELT STS 50S8M800	A118-2250	1
30 - 18	H1019-1007-22-1	PULLEY BANDO 50S8M0250+FS136116	A118-2250	1
30 - 37	118-2200-76	SLEEVE	A118-2250	1
30 - 40	M000-6202ZZ	BEARING 6202ZZ M15X35X11	A118-2250	1
30 - 41	C5153-000150	WASHER, LOCK, PRECISION 15	A118-2250	1
30 - 42	C5131-000151	NUT, ROUND SLOTTED PRECISION	A118-2250	1
30 - 43	118-2200-35-4	BASE, MOTOR	A118-2250	1
30 - 44	113-0260-05	WASHER	A118-2250	4
30 - 45	C5160-000121	WASHER, SPRING 12	A118-2250	8
30 - 46	C5000-120501	BOLT 12X50	A118-2250	4
30 - 47	118-2100-85	NUT	A118-2250	1
30 - 48	118-2100-86-1	WASHER	A118-2250	1
30 - 49	H1019-1004-20-3	PULLEY	A118-2250	1
30 - 50	BL-8OE-20	SERVOMOTOR, DC BL-8E-20	A005-7001	1
30 - 51	C5010-120301	BOLT, SOCKET-HEAD 12X30	A118-2250	4

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

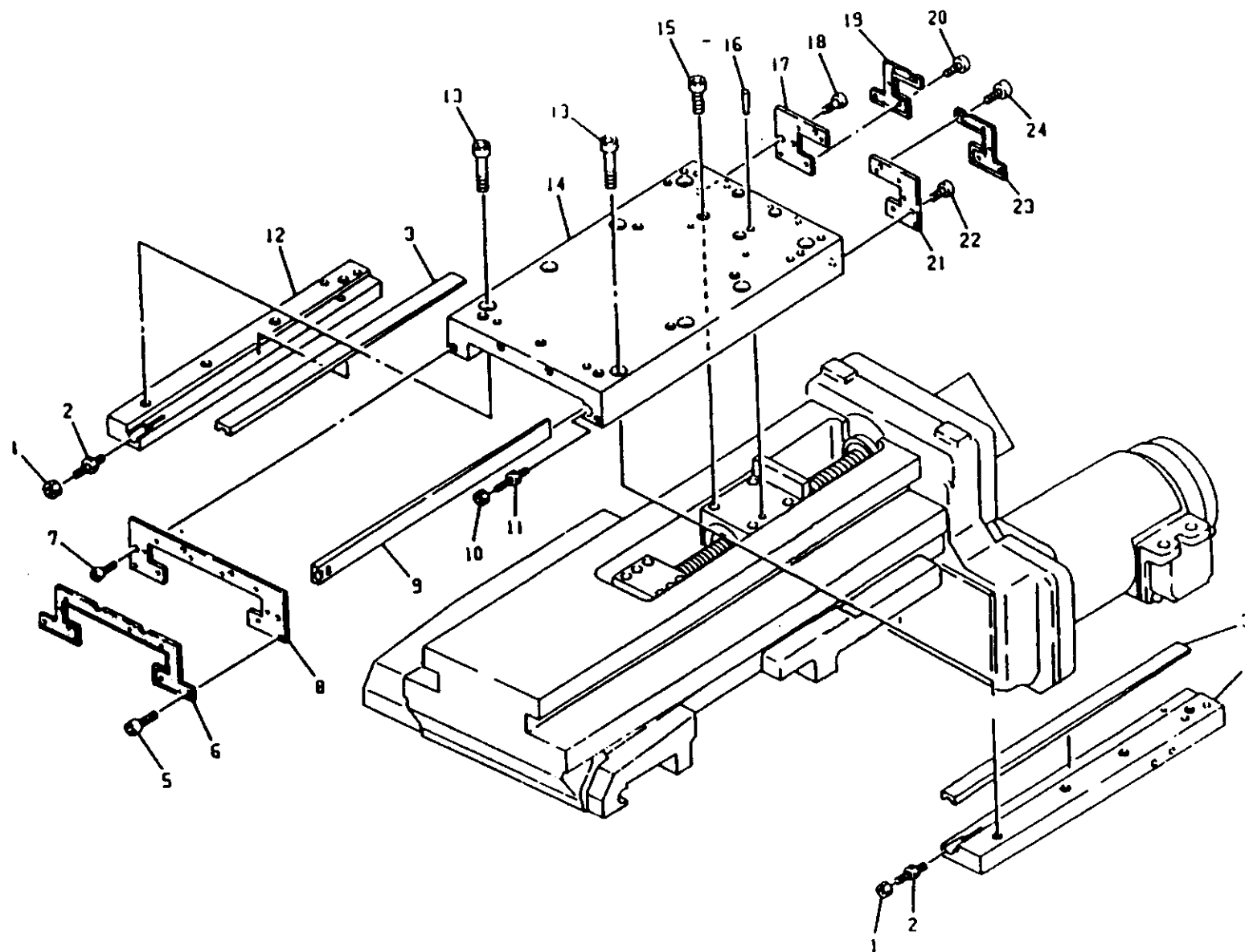
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[illegible]

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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

**INDEX GROUP**

INDEX UNIT (2) ..... 65

INDEX UNIT (3) ..... 67

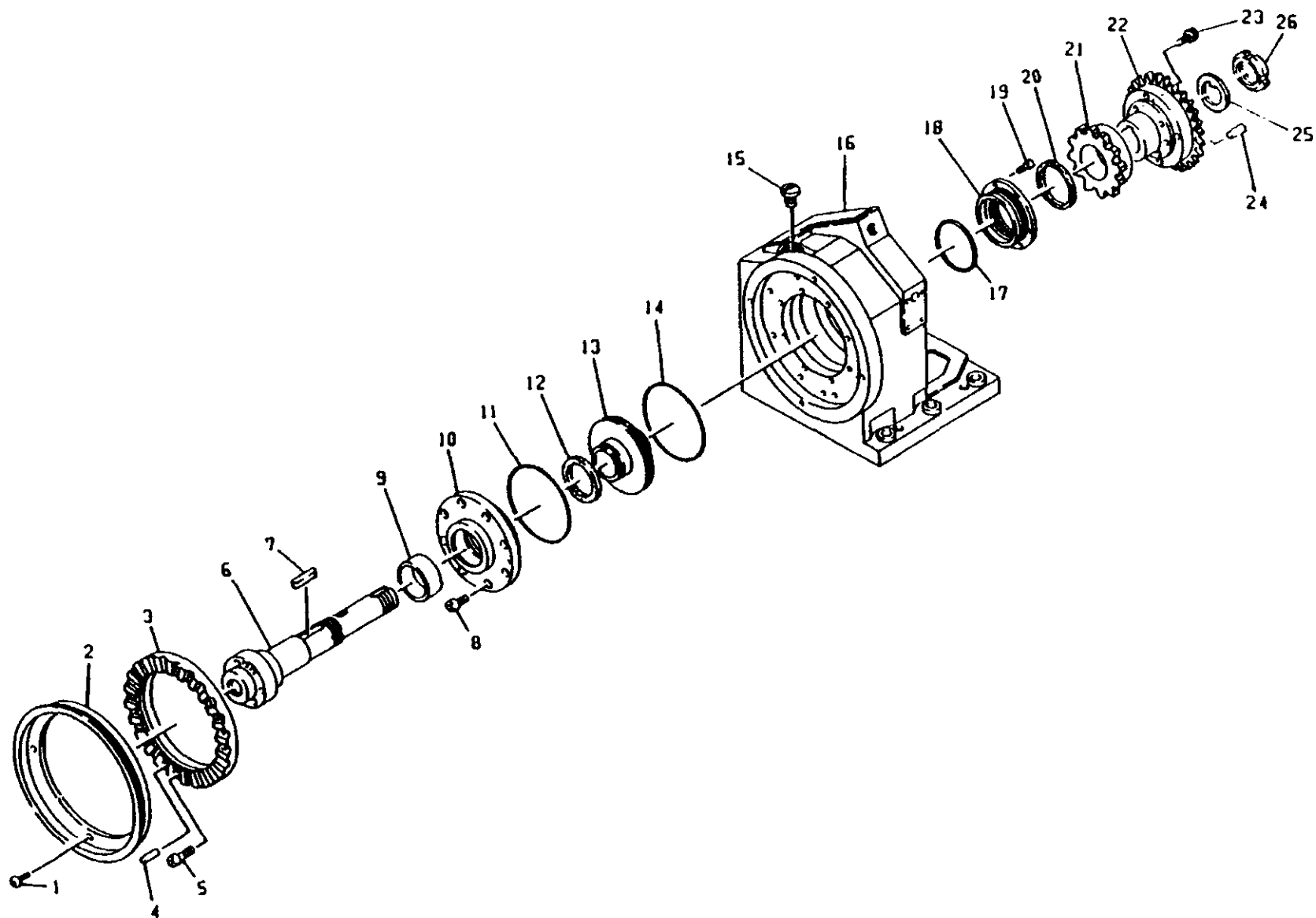
INDEX UNIT (4) ..... 69

INDEX UNIT (5) ..... 71

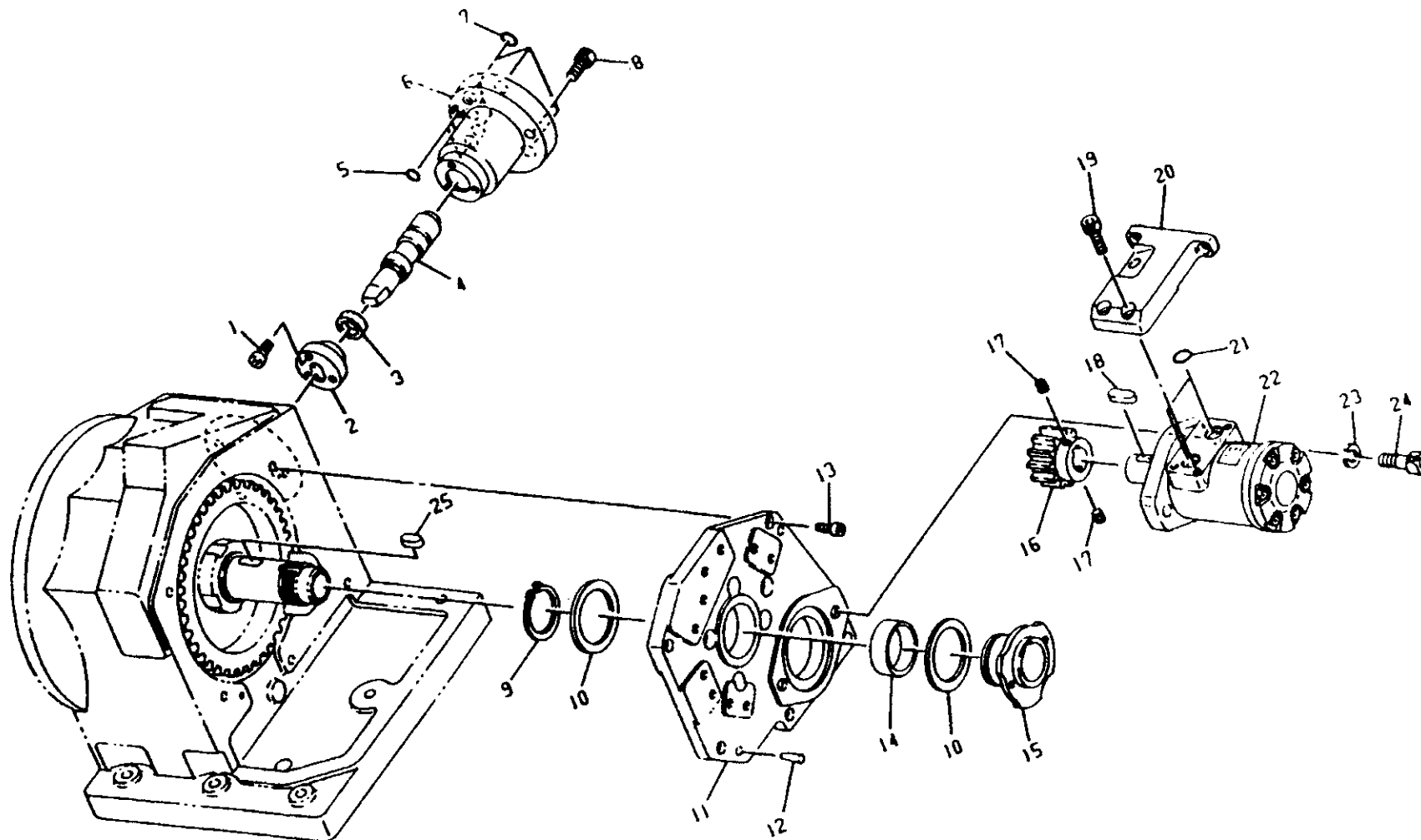
INDEX INSTALLATION AND STROKE SWITCH ..... 73

VDI TURRET SYSTEM ..... 75

TOOLING SYSTEM (1) ..... 77

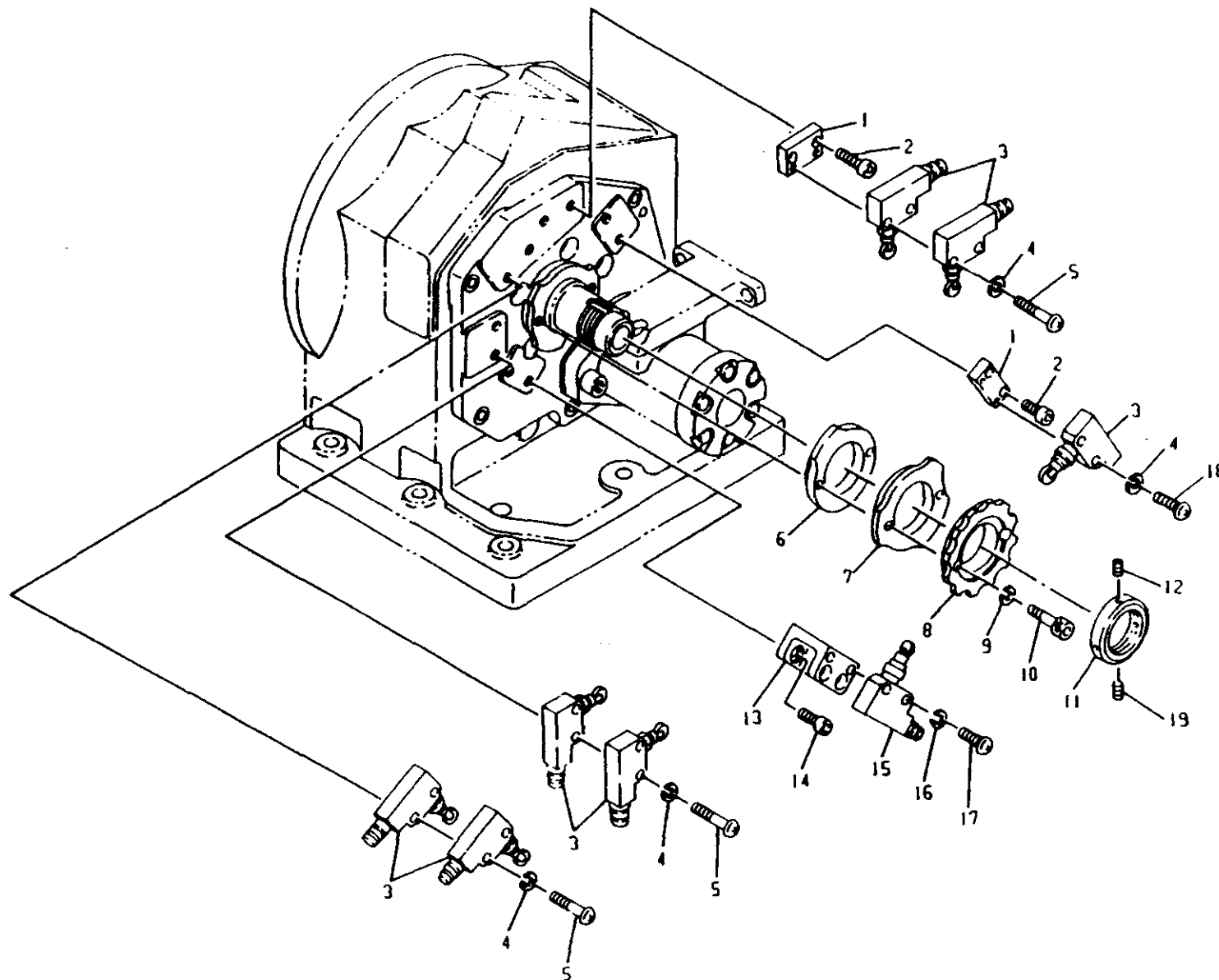


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.



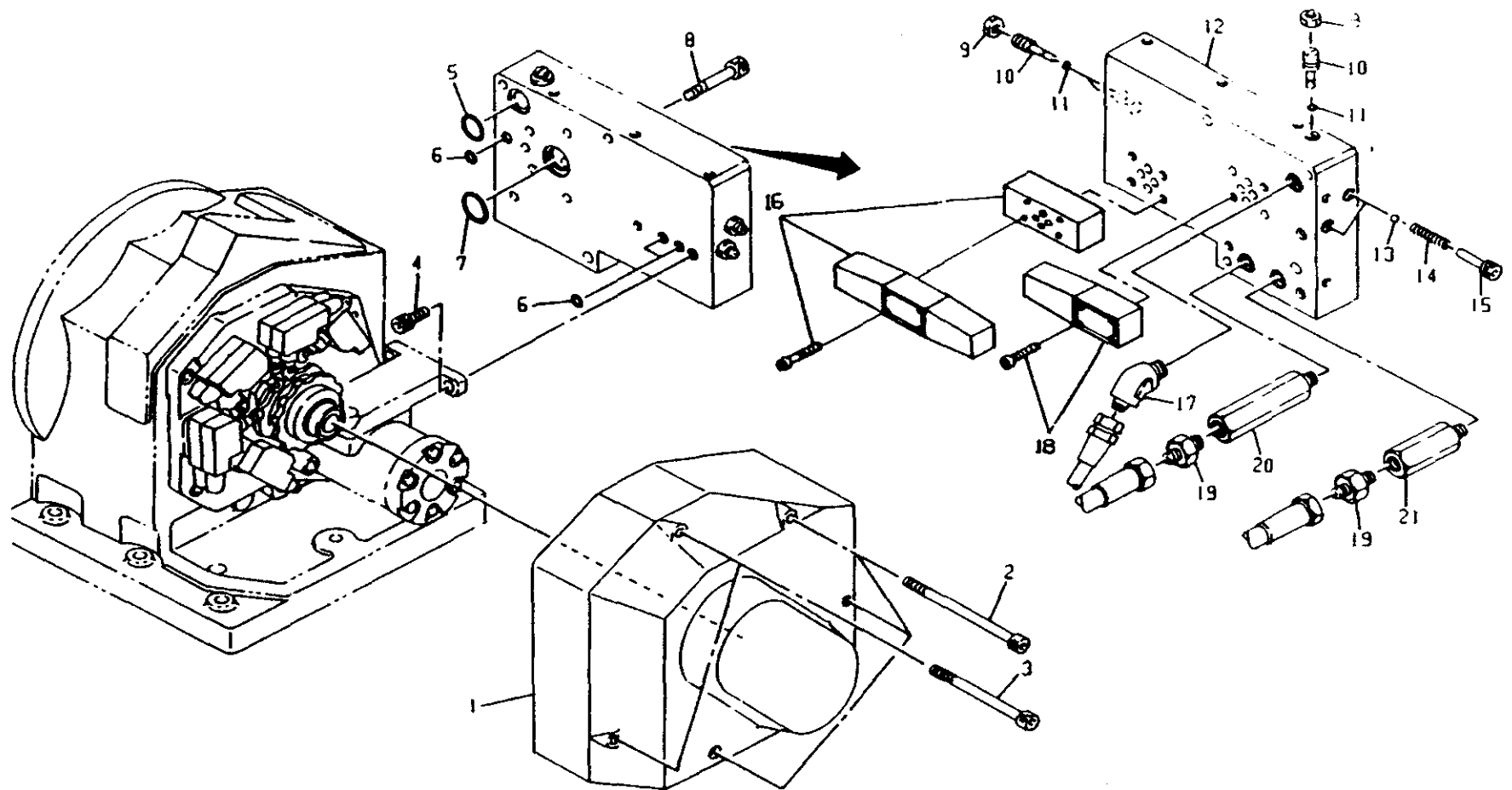
**OKUMA MACHINE TOOLS, INC.**



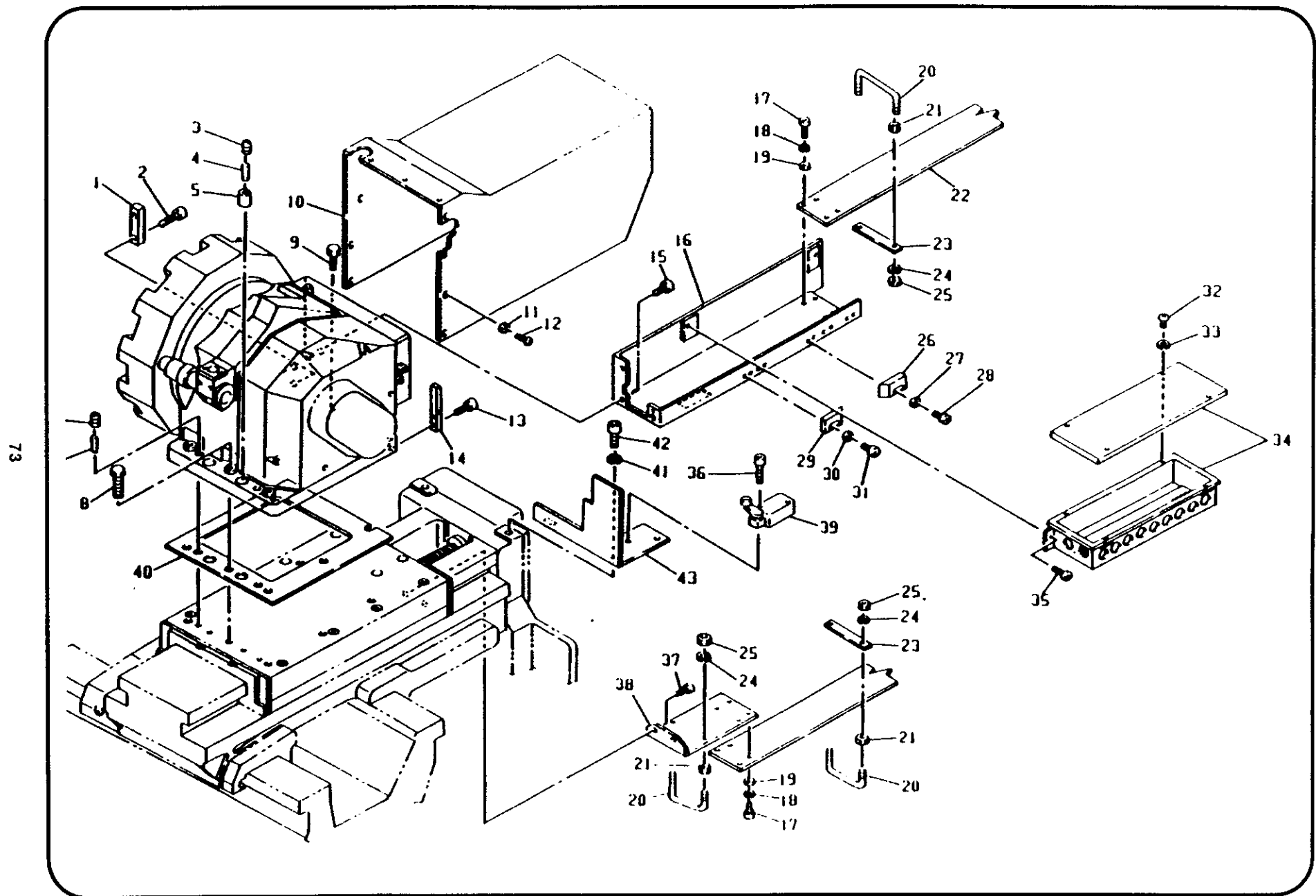


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

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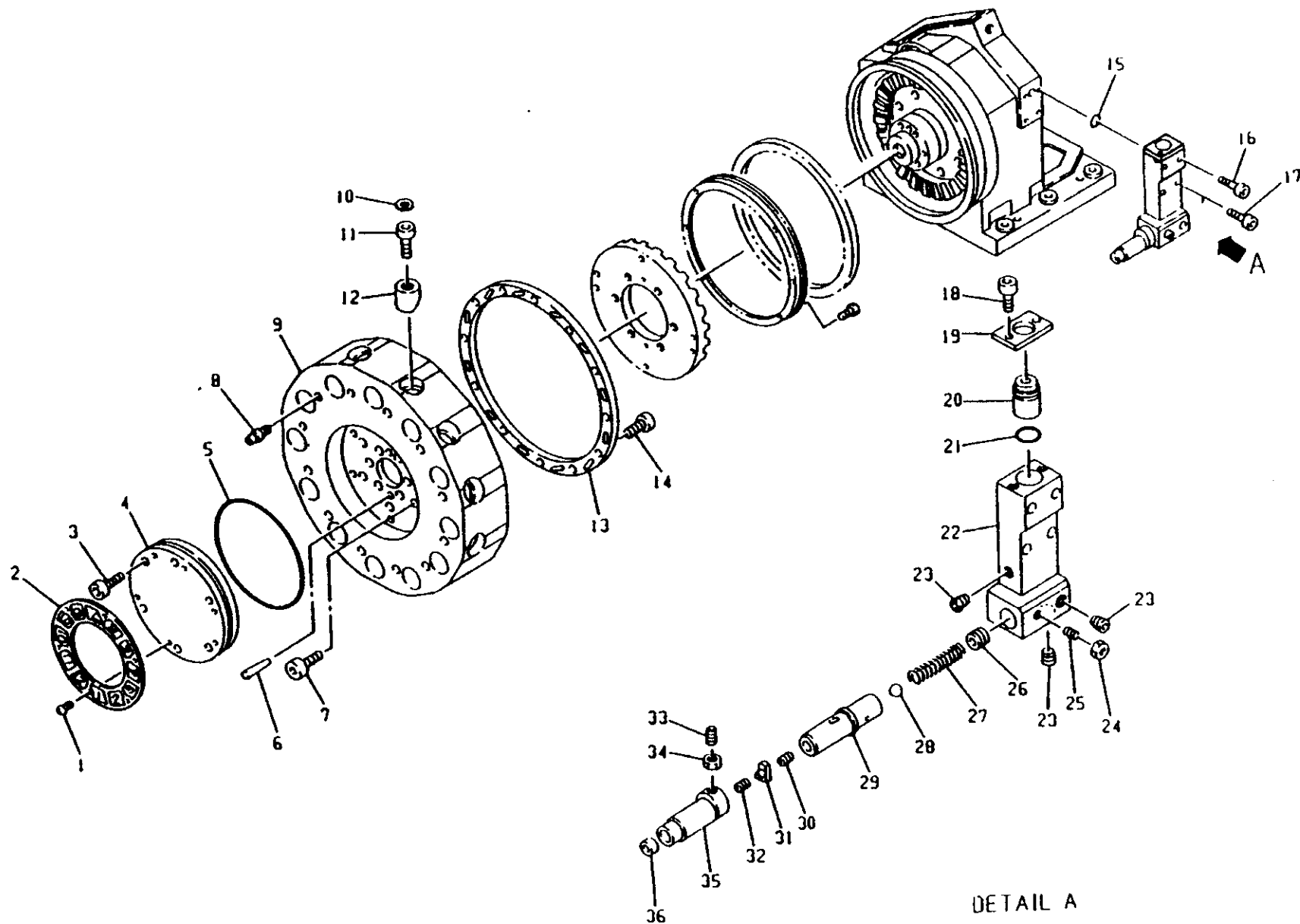
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
46 - 1	118-3020-29	BLOCK	A118-3070	1
46 - 2	C5010-060201	BOLT, SOCKET-HEAD 6X20	A118-3070	2
46 - 3	C5034-012121	SET-SCREW, CUP-POINT 12X12	A118-3070	2
46 - 4	C0201-080321	ITP 8X32	A118-3070	2
46 - 5	127-3301-17	BUSHING	A118-3070	2
46 - 6	C5034-012121	SET-SCREW, CUP POINT 12X12	A118-3070	3
46 - 7	C0201-080451	ITP 8X45	A118-3070	2
46 - 8	C5000-120551	BOLT, HEX-HEAD 12X55	A118-3070	5
46 - 9	C5000-120501	BOLT 12X50	A118-3070	1
46 - 10	KW118-3000-78-1	COVER	A118-3070	1
46 - 11	C5140-000051	WASHER, POLISHED 5	A118-3070	11
46 - 12	C5000-050081	BOLT, HEX-HEAD 5X8	A118-3070	11
46 - 13	C5010-060201	BOLT, SOCKET-HEAD 6X20	A118-3070	2
46 - 14	118-3020-28	SHAFT	A118-3070	1
46 - 15	C5010-080141	BOLT, SOCKET-HEAD 8X14	A118-3070	3
46 - 16	118-9203-23-5	SUPPORT	A118-3070	1
46 - 17	C5010-050101	BOLT, SOCKET-HEAD 5X10	A118-3070	8
46 - 18	C5160-000051	WASHER, SPRING 5	A118-3070	8
46 - 19	C5140-000051	WASHER, POLISHED 5	A118-3070	8
46 - 20	KW118-3000-39-00	RETAINER, PIPE	A118-3070	4
46 - 21	C5100-000051	NUT, HEX.NO.3 5	A118-3070	12
46 - 22	M109-1022-03	PLATE SUP3 90X778X0 8	A118-3070	1
46 - 23	118-3000-40-1	PLATE	A118-3070	6
46 - 24	C5160-000051	WASHER, SPRING 5	A118-3070	4
46 - 25	C5110-000051	NUT, HEX.NO.4 5	A118-3070	4
46 - 26	118-3000-36	DOG	A118-3070	1
46 - 27	C5140-000061	WASHER, POLISHED 6	A118-3070	2
46 - 28	C5010-060161	BOLT, SOCKET-HEAD 6X16	A118-3070	2
46 - 29	118-3000-37	DOG	A118-3070	1
46 - 30	C5140-000061	WASHER, POLISHED 6	A118-3070	2
46 - 31	C5010-060161	BOLT, SOCKET-HEAD 6X16	A118-3070	2
46 - 32	C5040-004081	SCREW, PAN-HEAD 4X8	A118-3070	4
46 - 33	C5160-000041	WASHER, SPRING 4	A118-3070	4
46 - 34	KM1-0547-00	TERMINAL BOX	A118-3070	1
46 - 35	C5010-060141	BOLT, SOCKET-HEAD 6X14	A118-3070	2
46 - 36	C5010-050351	BOLT, SOCKET-HEAD 5X35	A118-3070	2
46 - 37	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118-3070	2

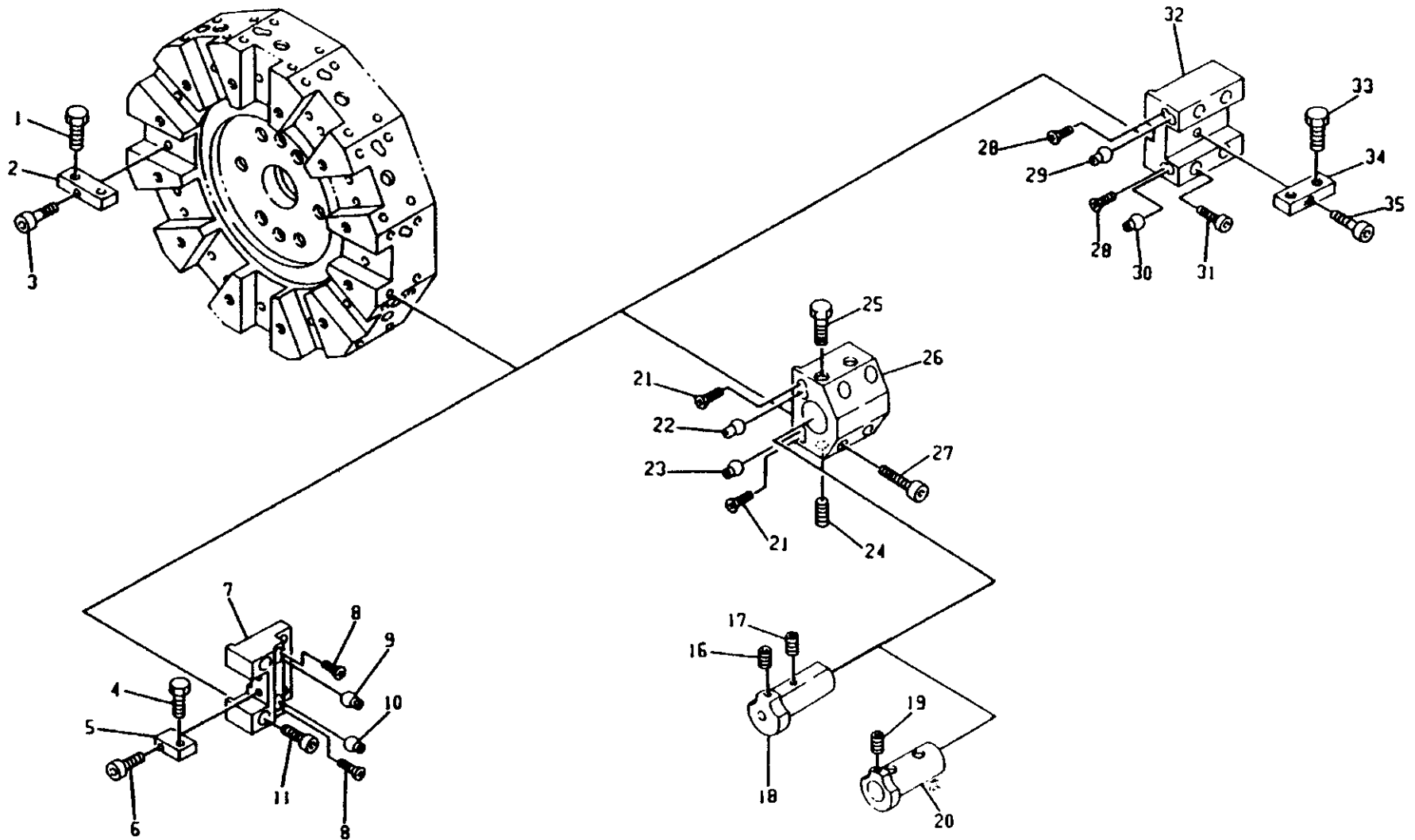
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
46 - 38	118-3000-41-2	SUPPORT	A118-3070	1
46 - 39	E3012-891-001	LIMIT SWITCH, YAMATAKE 1LS1-J	A118-3070	1
46 - 40	118-3000-76-1	LINER	A118-3070	1
46 - 41	C5160-000061	WASHER, SPRING 6	A118-3070	2
46 - 42	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118-3070	2
46 - 43	KW118-3020-84-00	SUPPORT	A118-3070	1

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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.



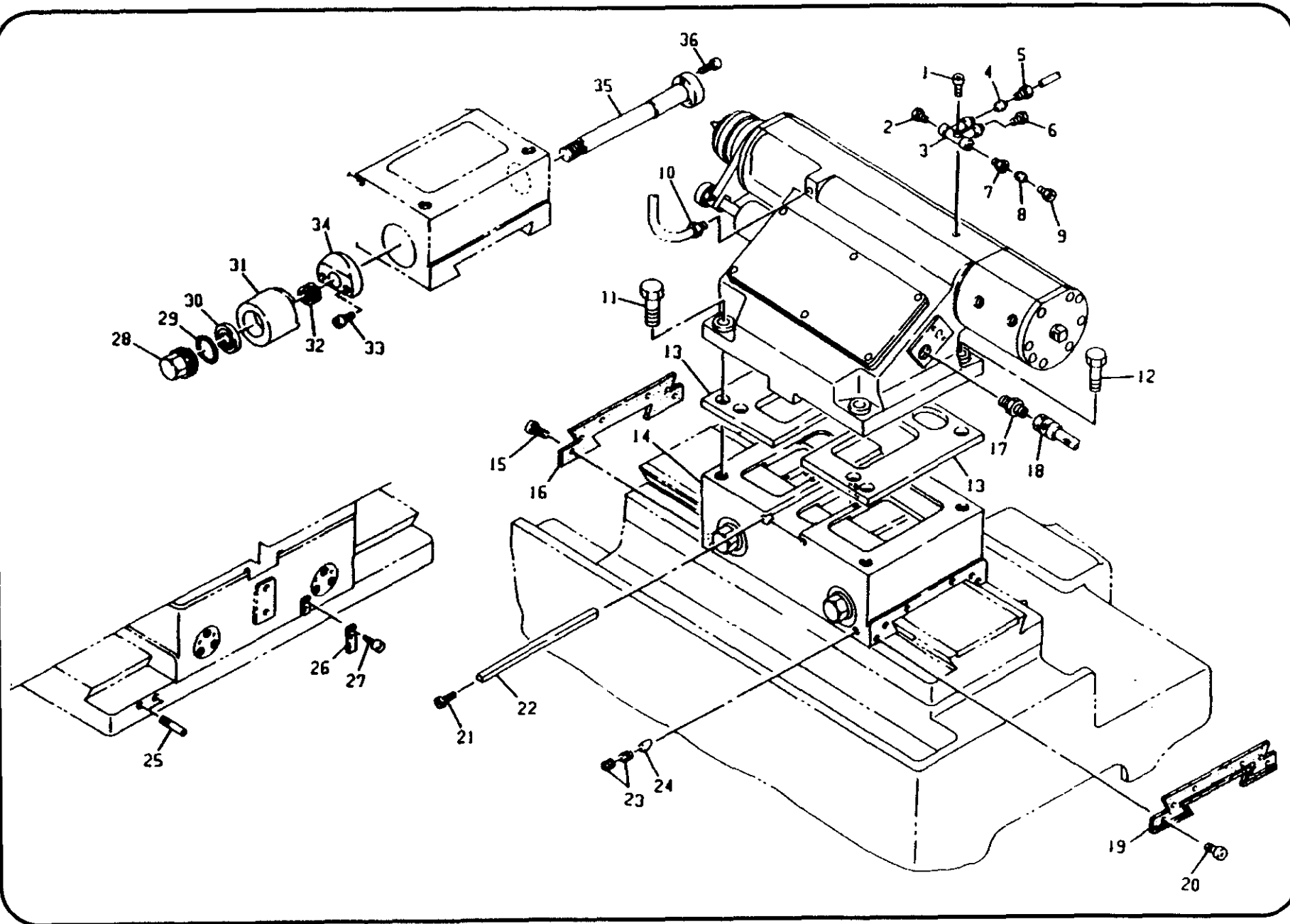


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

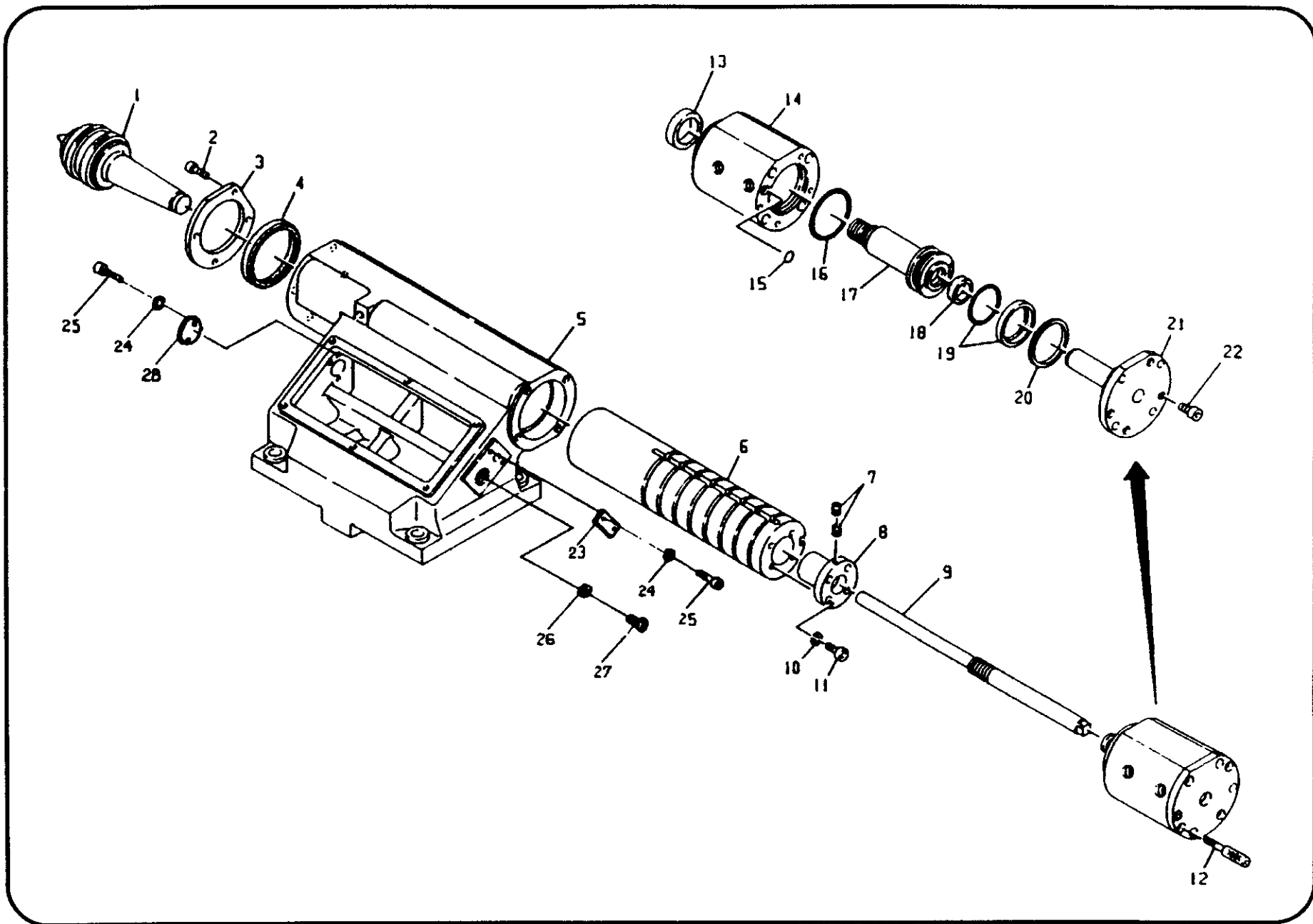
## TAILSTOCK GROUP

TAILSTOCK INSTALLATION .....	80
TAILSTOCK QUILL .....	82
TAILSTOCK INSTALLATION (TOWALONG) .....	84
TAILSTOCK QUILL (TOWALONG) .....	86
TAILSTOCK ASSEMBLY (TOWALONG) .....	88
LOCKING DEVICE (1) (TOWALONG) .....	90
LOCKING DEVICE (2) (TOWALONG) .....	92

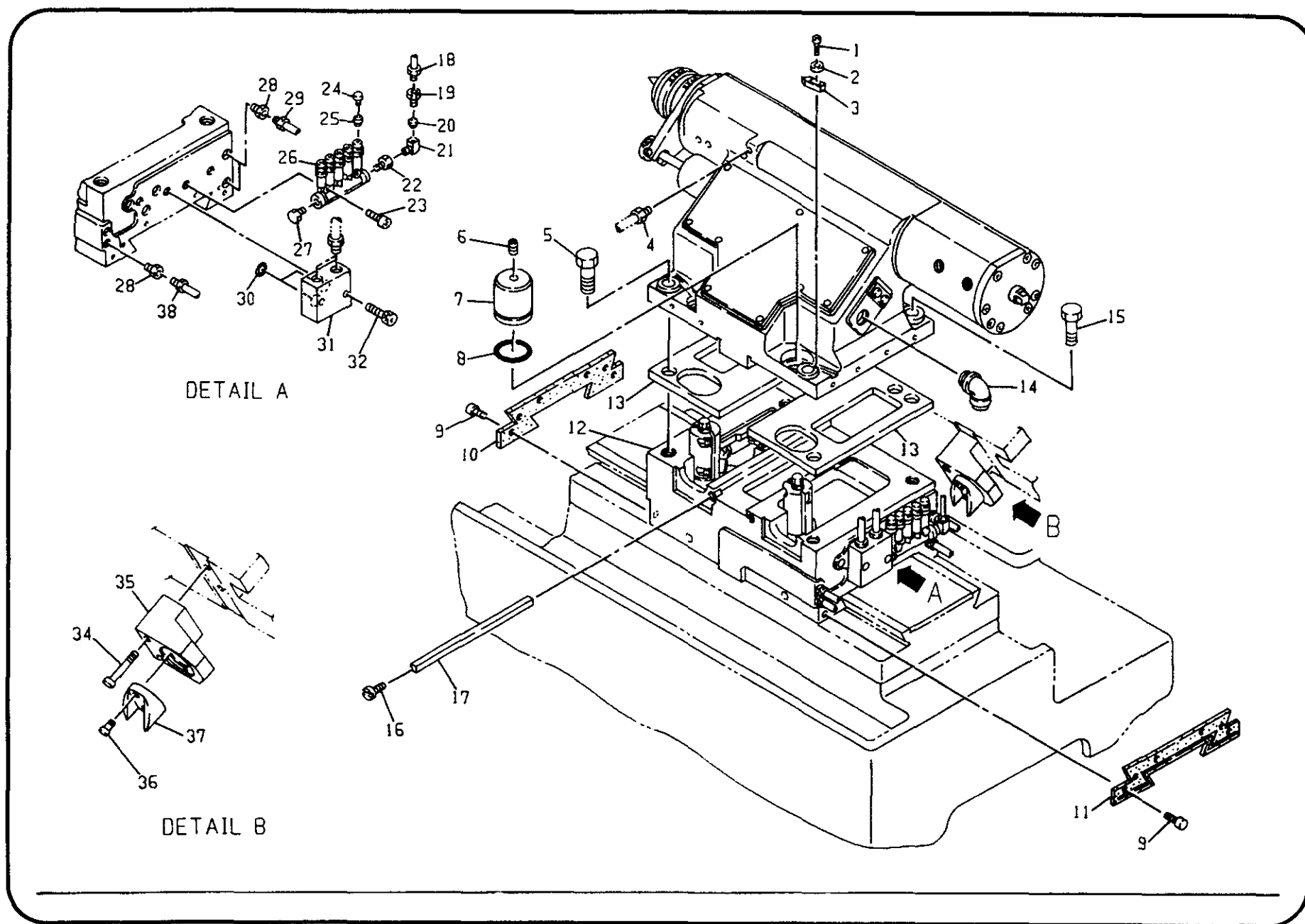
08



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

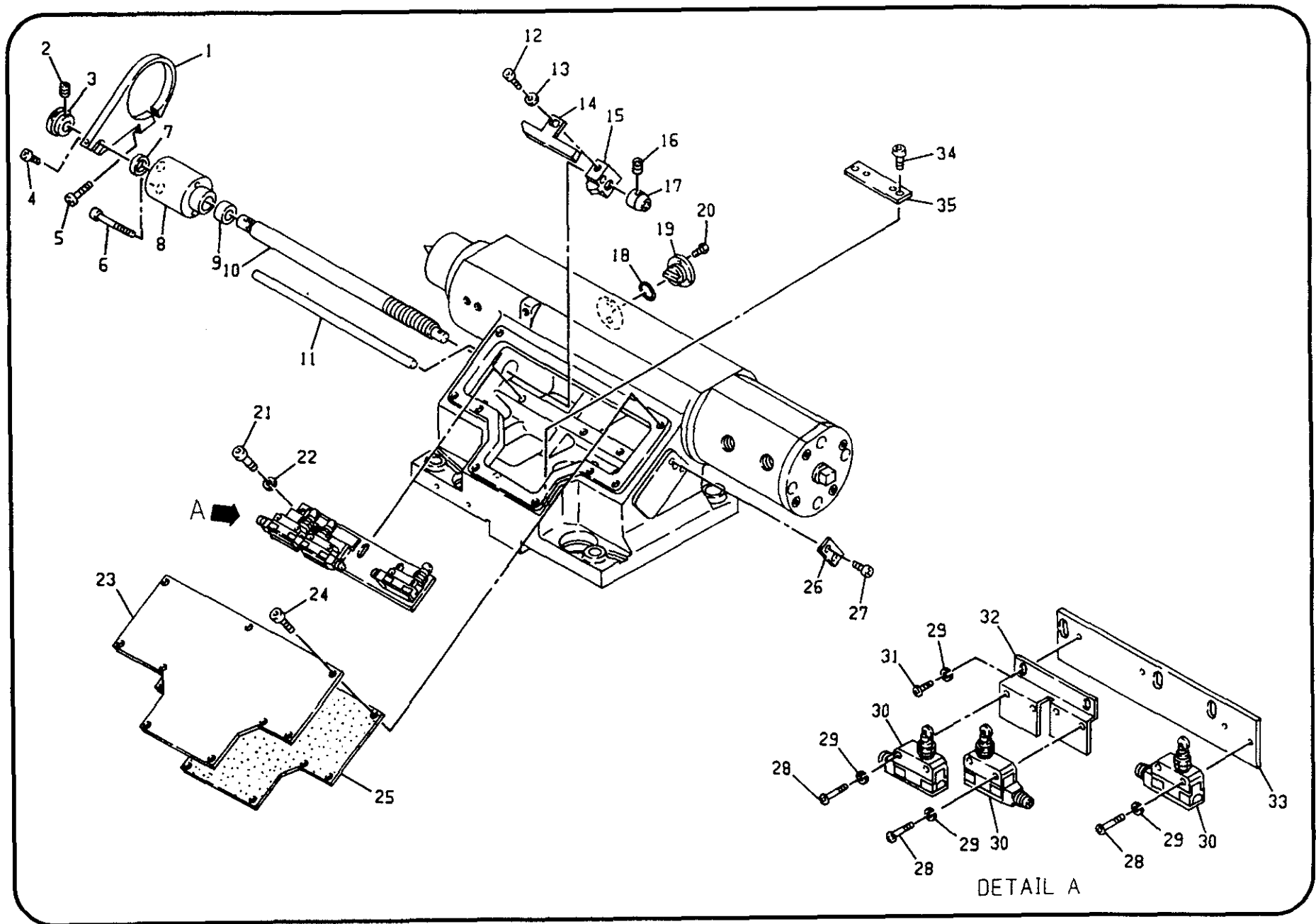


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
53 - 1	T009-020-000-3	CENTER, REVOLVING MT.NO.5	A121-6000	1					
53 - 2	C5010-060141	BOLT, SOCKET-HEAD 6X14	A118-4000	4					
53 - 3	118-4000-69	CAP	A118-4000	1					
53 - 4	H0031-0009-35	SEAL DKI FD3913A0	A118-4000	1					
53 - 5	118-4001-08-3	TAILSTOCK	A118-4030	1					
53 - 5	118-4001-08-3	TAILSTOCK	A118-4012	1					
53 - 6	118-4000-68-2	SLEEVE	A118-4020	1					
53 - 7	C5030-006081	SET-SCREW, FLAT-POINT 6X8	A118-4000	2					
53 - 8	118-4000-37-3	CAP	A118-4000	1					
53 - 9	118-4000-72	SHAFT	A118-4020	1					
53 - 10	C5160-000061	WASHER, SPRING, FOR HOLE 6	A118-4000	4					
53 - 11	C5010-060161	BOLT, SOCKET-HEAD 6X 16	A118-4000	4					
53 - 12	C5015-400801	BOLT, SOCKET-HEAD, LONG M8X40X80	A118-4000	4					
53 - 13	H0031-0008-86	PACKING CU0497K0 NOK USH	A118-4000	1					
53 - 14	118-4000-66-3	CYLINDER	A118-4000	1					
53 - 15	C6110-000P10	O-RING 1.9X9.8	A118-4000	1					
53 - 16	C6110-000G70	O-RING G70	A118-4000	1					
53 - 17	118-4000-71-1	PISTON	A118-4000	1					
53 - 18	H0031-0008-85	PACKING NOK USH CU 032 OKO	A118-4000	1					
53 - 19	H0031-0008-83	CAP SEAL CAP-IBE-55	A118-4000	1					
53 - 20	H0031-0008-84	PISTON RING M65X2.5X2.7	A118-4000	1					
53 - 21	118-4000-67-3	CAP	A118-4000	1					
53 - 22	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118-4000	4					
53 - 23	118-4001-10	PLATE	A118-4010	1					
53 - 24	C5160-000061	WASHER, SPRING 6	A118-4010	2					
53 - 25	C5010-060141	BOLT, SOCKET-HEAD 6X14	A118-4010	2					
53 - 26	C7867-263635	GASKET, 26.5	A118-4010	1					
53 - 27	C7866-000043	PLUG, G22(PF3/4)	A118-4010	1					
53 - 28	118-4001-09	PLATE	A118-4010	1					



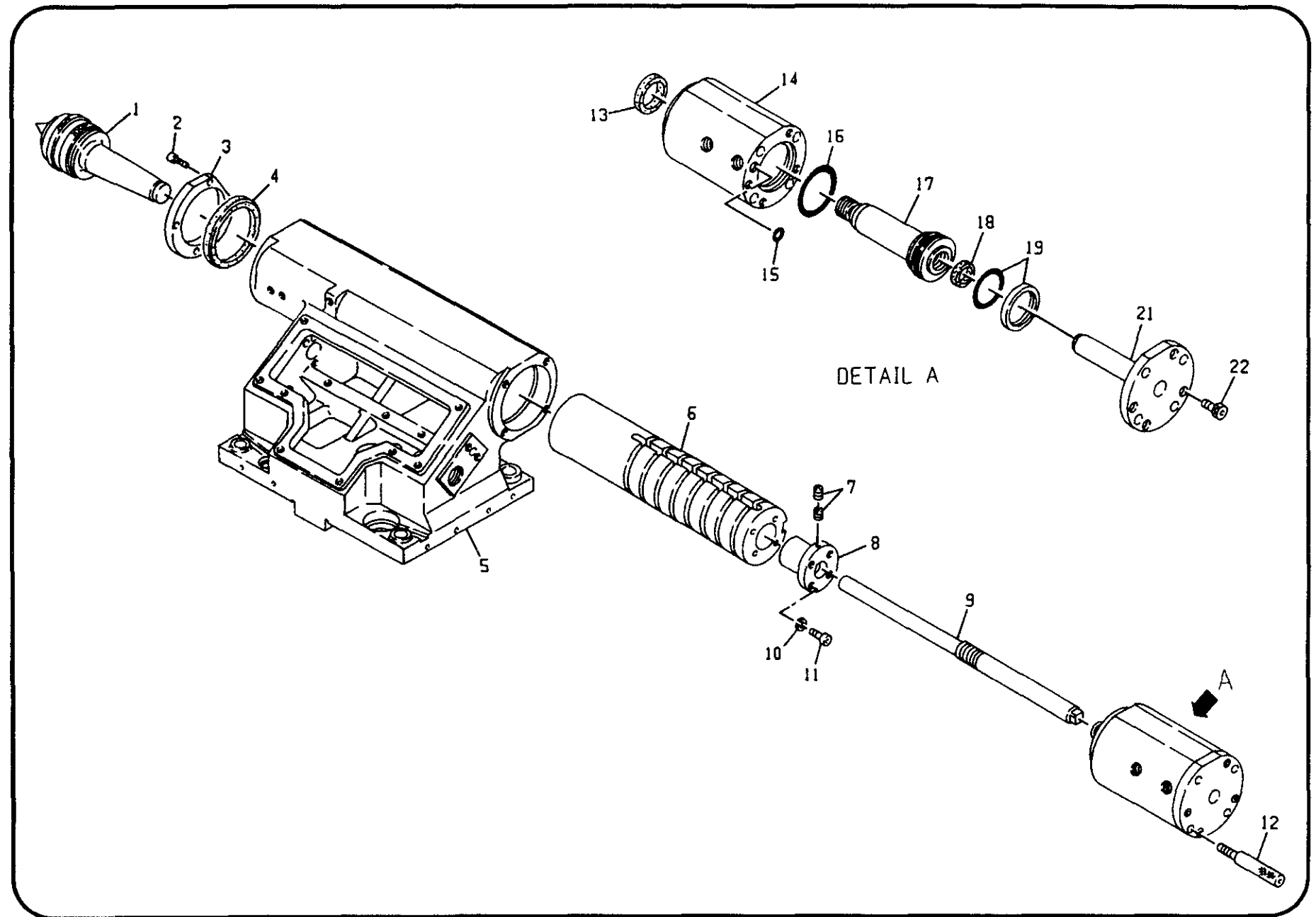


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
55 - 1	C5010-050201	BOLT, SOCKETHEAD 5X20	A118-4002	2	55 - 38	C7781-040300	PIPE, STEEL 4X300	A118-4002	2
55 - 2	C5140-000051	WASHER, POLISHED 5	A118-4002	2					
55 - 3	118-4101-12-1	STOPPER	A118-4002	2					
55 - 4	C2781-000402	JOINT, PIPE, NTN	A118-4002	1					
55 - 5	C5000-160601	BOLT 16X60	A118-4002	2					
55 - 6	C5030-008101	SETSCREW, FLATPOINT 8	A118-4002	2					
55 - 7	118-4101-13-3	BUSHING	A118-4002	2					
55 - 8	C6110-000P45	O-RING 3.5X44.7	A118-4002	2					
55 - 9	C5010-040081	BOLT, SOCKETHEAD 4X8	A118-4002	12					
55 - 10	H1023-0005-72	WIPER, BANDO	A118-4002	1					
55 - 11	H1023-0005-73	WIPER, BANDO	A118-4002	1					
55 - 12	118-4101-33-1	BASE, LOWER	A118-4002	1					
55 - 13	KW118-4100-41-00	SPACER	A118-4002	2					
55 - 14	X	ELBOW	A118-4002	1					
55 - 15	C5000-160551	BOLT 16X55	A118-4002	2					
55 - 16	C5029-000061	BOLT, GIB 6	A118-4002	1					
55 - 17	118-4000-41	GIB	A118-4002	1					
55 - 18	H0022-0003-17	HOSE, FLEXIBLE, SHOWA	A118-4002	1					
55 - 19	H0012-0001-12	PLUG PA, SHOWA	A118-4002	1					
55 - 20	H0012-0001-11	SLEEVE PB, SHOWA	A118-4002	1					
55 - 21	H0012-0005-01	ELBOW PH, SHOWA	A118-4002	1					
55 - 22	H0012-0004-99	NIPPLE KH, SHOWA	A118-4002	1					
55 - 23	C5010-060301	BOLT, SOCKETHEAD 6X30	A118-4002	2					
55 - 24	H0012-0000-88	PLUG PA, SHOWA	A118-4002	5					
55 - 25	H0012-0000-89	SLEEVE PB, SHOWA	A118-4002	5					
55 - 26	H0012-0004-98	PLUNGER, SHOWA	A118-4002	1					
55 - 27	H0012-0004-96	SEAL PLUG PG, SHOWA	A118-4002	1					
55 - 28	C2781-000402	JOINT, PIPE, NTN	A118-4002	4					
55 - 29	C7781-040200	PIPE, STEEL 4X200	A118-4002	2					
55 - 30	D6110-000P12	O-RING 2.4X11.8	A118-4002	2					
55 - 31	118-4100-71-1	JOINT	A118-4002	1					
55 - 32	C5010-060351	BOLT, SOCKETHEAD 6X35	A118-4002	2					
55 - 34	C5010-100601	BOLT, SOCKETHEAD 10X60	A118-4002	2					
55 - 35	118-4101-30	BLOCK	A118-4002	1					
55 - 36	C5010-060141	BOLT, SOCKETHEAD 6X14	A118-4002	2					
55 - 37	118-4101-31	DOG	A118-4002	1					
55 - 38	C7781-040300	PIPE, STEEL 4X300	A118-4002	2					



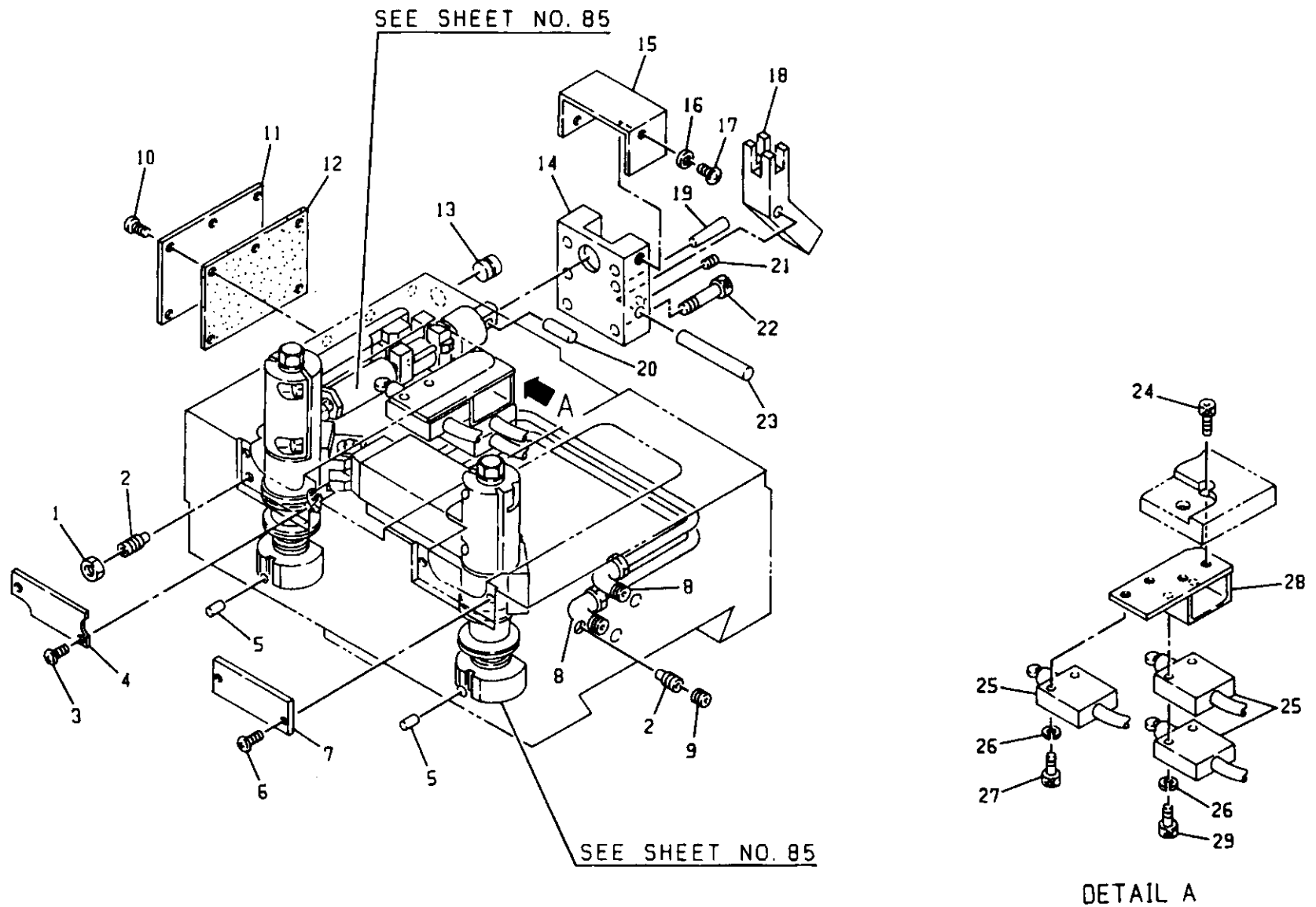
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

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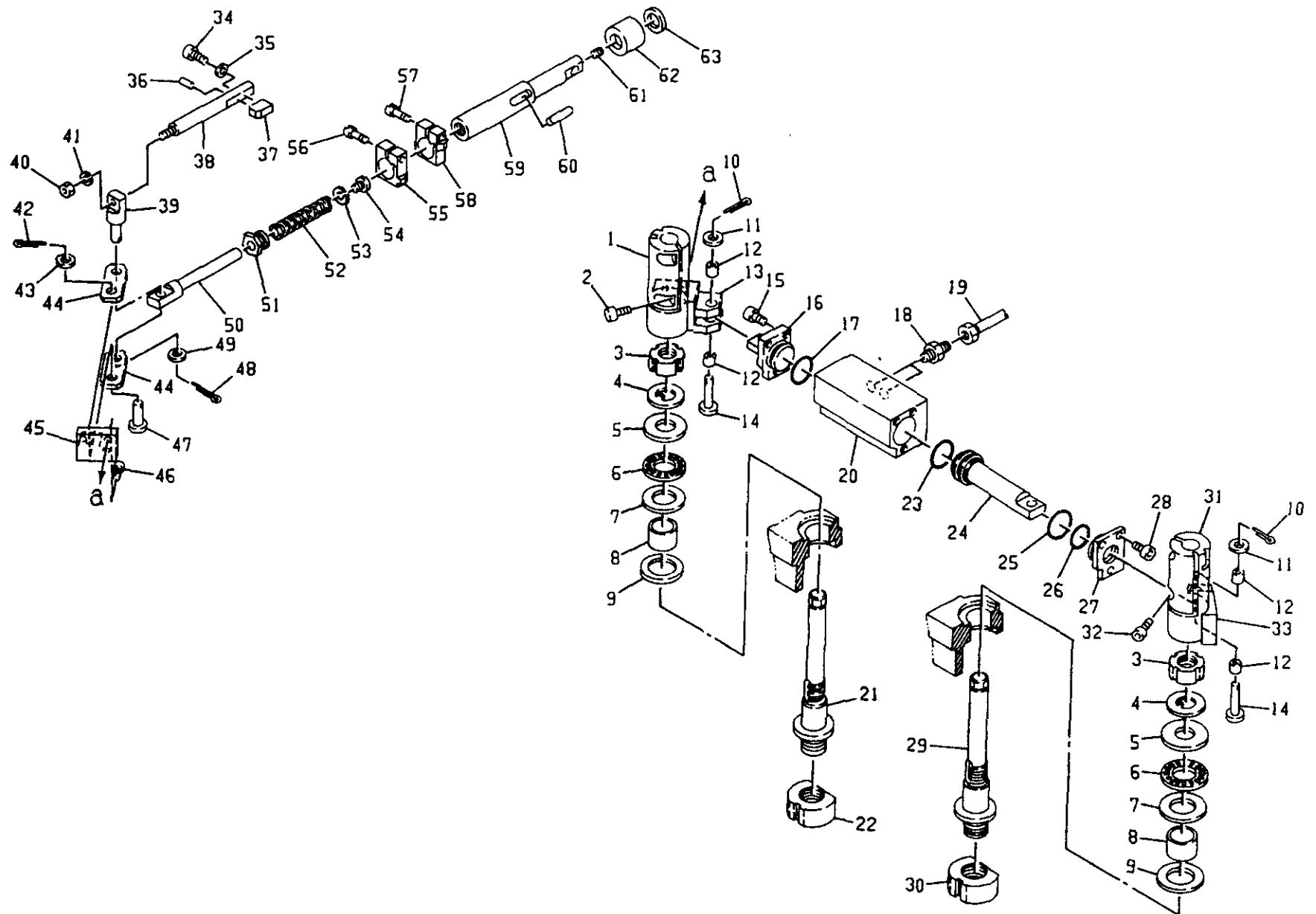


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

06



INDEX	PART NO.	DESCRIPTION	UNIT	QTY

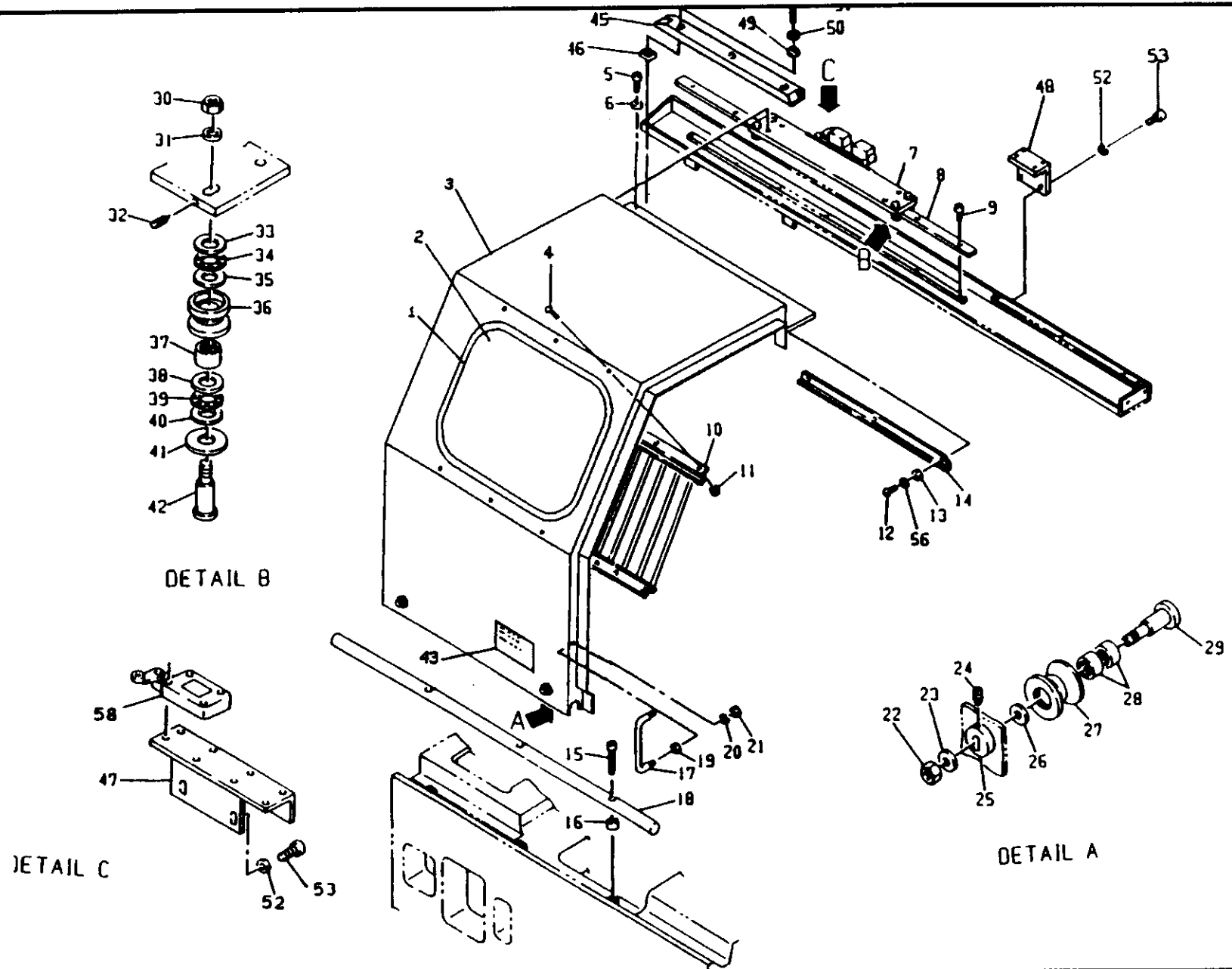




INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
63 - 1	118-4101-08	BOSS	A118-4002	1	63 - 38	118-4100-59	SHAFT	A118-4002	1
63 - 2	C5010-060141	BOLT, SOCKETHEAD 6X14	A118-4002	2	63 - 39	118-4110-58	PIN	A118-4002	1
63 - 3	118-4100-08-1	NUT	A118-4002	2	63 - 40	C5110-000051	NUT, HEX NO. 4 5	A118-4002	1
63 - 4	C5153-000200	WASHER, LOCK, PRECISION 20	A118-4002	2	63 - 41	C5160-000051	WASHER, SPRING 5	A118-4002	1
63 - 5	118-4100-07	COLLAR	A118-4002	2	63 - 42	C5210-200120	PIN, SPLIT 2X12	A118-4002	1
63 - 6	M001-AS1105	BEARING, NTN	A118-4002	1	63 - 43	C5140-000081	WASHER, POLISHED 8	A118-4002	1
63 - 7	M001-K81105	BEARING, NTN	A118-4002	1	63 - 44	118-4100-56-2	PLATE	A118-4002	2
63 - 8	M004-MB2520DU	BEARING, DAIDO	A118-4002	2	63 - 45	118-4100-55-1	SUPPORT	A118-4002	1
63 - 9	M001-K81105	BEARING, NTN	A118-4002	2	63 - 46	C5010-050081	BOLT, SOCKETHEAD 5X8	A118-4002	3
63 - 10	C5210-200120	PIN, SPLIT 2X12	A118-4002	2	63 - 47	118-4100-57-1	PIN	A118-4002	1
63 - 11	C5140-000081	WASHER, POLISHED 8	A118-4002	2	63 - 48	C5210-200120	PIN, SPLIT 2X12	A118-4002	2
63 - 12	M004-MB0810DU	BEARING, DAIDO	A118-4002	2	63 - 49	C5140-000081	WASHER, POLISHED 8	A118-4002	2
63 - 13	118-4101-09-2	LEVER	A118-4002	1	63 - 50	118-4100-62	SHAFT	A118-4002	1
63 - 14	118-4100-13	PIN	A118-4002	2	63 - 51	118-4100-65	PLUG	A118-4002	1
63 - 15	C5010-060141	BOLT, SOCKETHEAD 6X14	A118-4002	3	63 - 52	M101-16136-07220	SPRING, COMPRESSION, SET 1.6X13.6X72X20	A118-4002	1
63 - 17	C6110-000G25	ORING 3 1X24.4	A118-4002	1	63 - 53	C5160-000061	WASHER, SPRING, 6	A118-4002	1
63 - 18	H0010-0003-07	CONNECTOR, MALE, NITTA	A118-4002	2	63 - 54	118-4100-63-1	BOLT	A118-4002	1
63 - 19	F124-3040-00	TUBE, SYN FLEX, NITTA	A118-4002	2	63 - 55	118-4100-66-1	DOG	A118-4002	1
63 - 20	118-4100-52-1	CYLINDER	A118-4002	1	63 - 56	C5000-060201	BOLT 6X20	A118-4002	1
63 - 21	118-4101-25-3	SHAFT	A118-4002	1	63 - 57	C5000-060201	BOLT 6X20	A118-4002	1
63 - 22	118-4100-46-2	BLOCK	A118-4002	1	63 - 58	118-4100-67-1	DOG	A118-4002	1
63 - 23	C6110-000P24	ORING 3.5X23.7	A118-4002	1	63 - 59	118-4100-64-2	SHAFT	A118-4002	1
63 - 24	118-4100-14-2	PISTON	A118-4002	1	63 - 60	C5170-040300	KEY 4X4X30	A118-4002	1
63 - 25	C6110-000G25	ORING 3.1X24.4	A118-4002	1	63 - 61	C5030-006061	SETSCREW, FL-TPOINT 6X6	A118-4002	1
63 - 26	C6110-000P20	ORING 2 4X19.8	A118-4002	1	63 - 62	118-4100-68-1	BUSHING	A118-4002	1
63 - 27	118-4100-53-2	CAP	A118-4002	1	63 - 63	H0031-0003-96	DUST SEAL, NOK	A118-4002	1
63 - 28	C5010-060161	BOLT, SOCKETHEAD 6X16	A118-4002	3					
63 - 29	118-4101-05-3	SHAFT	A118-4002	1					
63 - 30	118-4100-44-2	BLOCK	A118-4002	1					
63 - 31	118-4101-06	BOSS	A118-4002	1					
63 - 32	C5010-060161	BOLT, SOCKETHEAD 6X16	A118-4002	2					
63 - 33	118-4101-07-2	LEVER	A118-4002	1					
63 - 34	C5010-060161	BOLT, SOCKETHEAD 6X16	A118-4002	1					
63 - 35	C5140-000061	WASHER, POLISHED 6	A118-4002	1					
63 - 36	C5201-006120	PIN, PARALLEL 6X12	A118-4002	1					
63 - 37	118-4100-60	DOG	A118-4002	1					
63 - 38	118-4100-59	SHAFT	A118-4002	1					

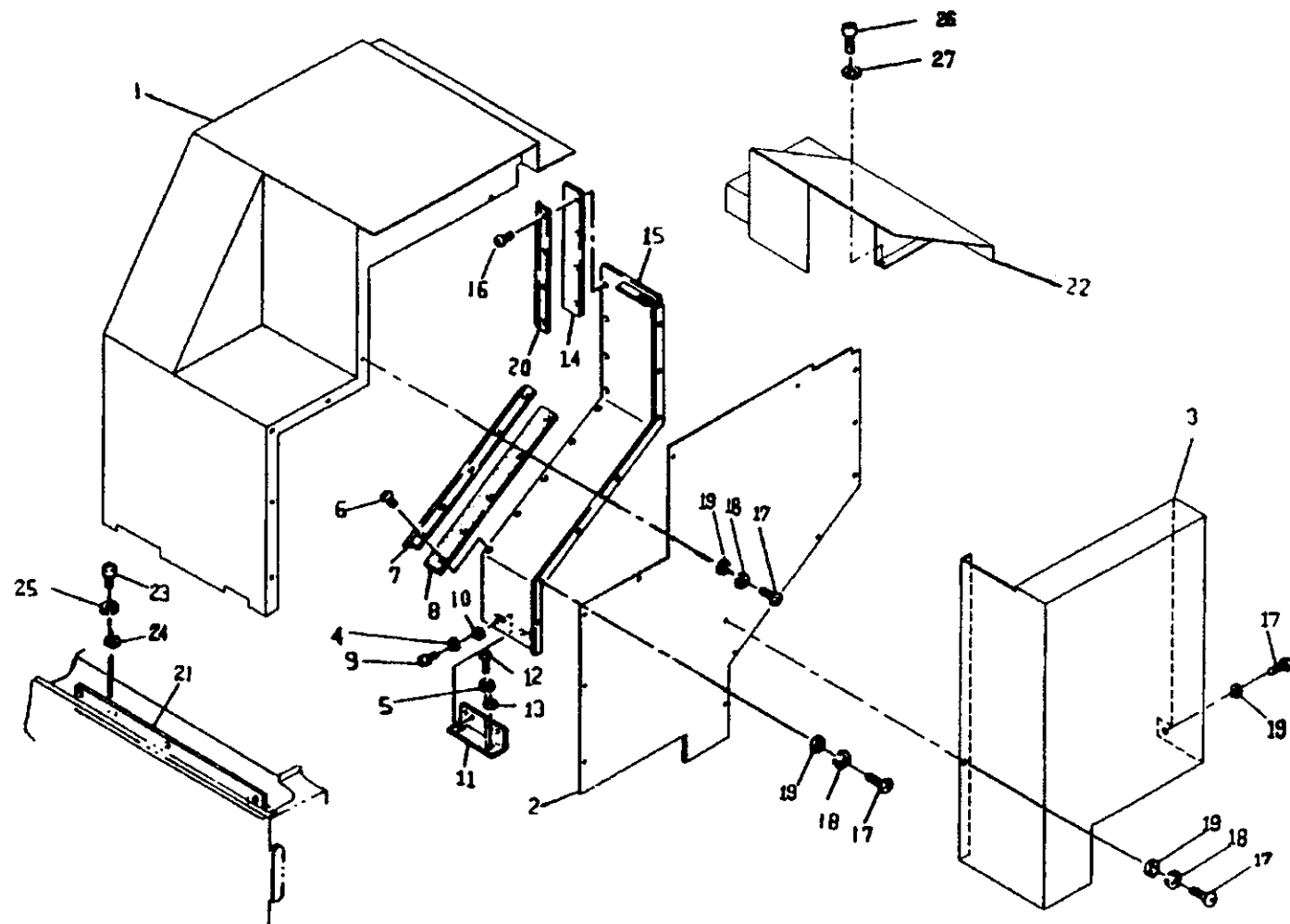
## COVER GROUP

FRONT DOOR .....	95
COVERS (1) .....	97
COVERS (2) TAILSTOCK .....	99
COVERS (3) .....	101
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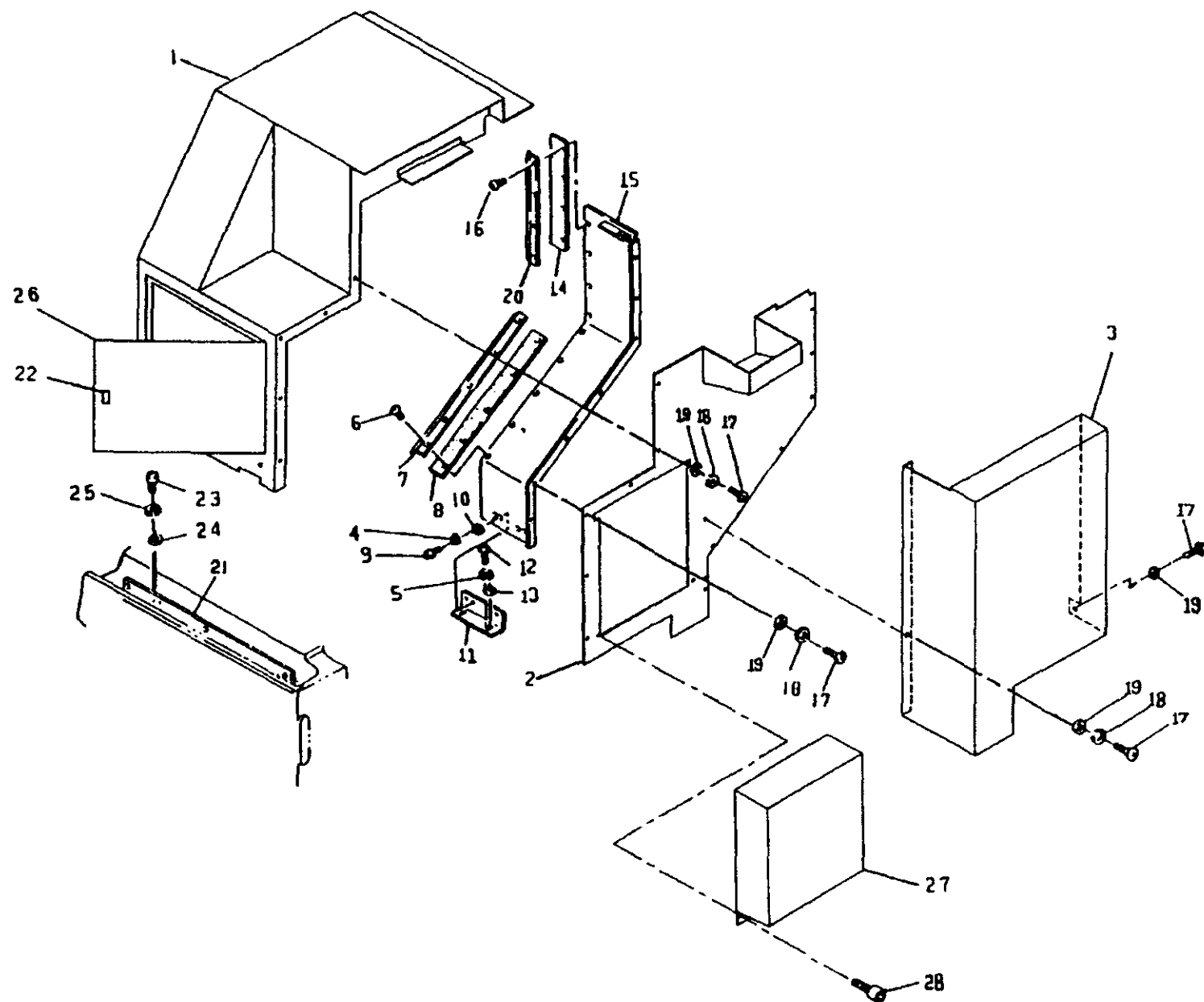
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
71 - 1	KM1-0467-01	RUBBER PLATE MEIYU NO. 6516L1835	A118X-6503	1
71 - 2	KM1-0284-01	PLATE	A118X-6503	1
71 - 3	K118-6500-19-01	DOOR	A118X-6506	1
71 - 4	C5040-005081	SCREW, PAN-HEAD 5X8	A118X-6506	6
71 - 5	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-6506	4
71 - 6	C5150-000081	WASHER, PLAIN 8	A118X-6506	4
71 - 7	KW118-7102-59-01	PLATE	A118X-6506	1
71 - 8	118-7100-33-2	RAIL	A118X-6503	1
71 - 9	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118X-6503	4
71 - 10	K118-6500-20-00	LATTICE	A118X-6503	1
71 - 11	C5110-000051	NUT, HEX.NO.4 5	A118X-6506	6
71 - 12	C5040-005081	SCREW, PAN-HEAD 5X8	A118X-6506	3
71 - 13	C5150-000061	WASHER, PLAIN 6	A118X-6503	3
71 - 14	118-7100-29-4	PLATE	A118X-6503	1
71 - 15	C5010-080401	BOLT, SOCKET-HEAD 8X40	A118X-6503	3
71 - 16	118-7100-15-1	COLLAR	A118X-6503	3
71 - 17	118-7102-63	HANDLE	A118X-6503	4
71 - 18	118-7100-51-3	RAIL	A118X-6503	1
71 - 19	118-7100-81	COLLAR	A118X-6503	2
71 - 20	C5160-000061	WASHER, SPRING 6	A118X-6503	2
71 - 21	C5110-000061	NUT, HEX.NO.4 6	A118X-6503	2
71 - 22	C5110-000101	NUT, HEX.NO.4 10	A118X-6503	2
71 - 23	C5140-000101	WASHER, POLISHED 10	A118X-6503	2
71 - 24	C5031-006101	SET-SCREW 6X10	A118X-6506	1
71 - 25	118-7100-52-1	BOSS	A118X-6506	2
71 - 26	C5140-000101	WASHER, POLISHED 10	A118X-6503	2
71 - 27	118-7100-59-1	ROLLER	A118X-6503	2
71 - 28	M001-HK1512	BEARING INA HK1512 M15X21X12	A118X-6503	4
71 - 29	118-7100-58-3	SHAFT	A118X-6503	2
71 - 30	C5110-000101	NUT, HEX.NO.4 10	A118X-6503	4
71 - 31	C5140-000101	WASHER, POLISHED 10	A118X-6503	4
71 - 32	C5031-006121	SET-SCREW 6X12	A118X-6503	2
71 - 33	M001-WS81102	BEARING INA WS81102 M15X28X2.75	A118X-6503	4
71 - 34	M001-AXK1102	BEARING INA AXK1102 M15X28X2	A118X-6503	4

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
71 - 35	M001-AS1102	BEARING AS1102	A118X-6503	4
71 - 36	118-7100-20	ROLLER	A118X-6503	4
71 - 37	M001-HK1516	BEARING HK1516	A118X-6503	4
71 - 38	M001-AS1102	BEARING AS1102	A118X-6503	4
71 - 39	M001-AXK1102	BEARING AXK1102	A118X-6503	4
71 - 40	M001-WS81102	BEARING WS81102	A118X-6503	4
71 - 41	118-7100-19-1	COLLAR	A118X-6503	4
71 - 42	118-7100-18-3	SHAFT	A118X-6503	4
71 - 43	KM1-0287-01	NAME PLATE	A118X-9933	1
71 - 45	118-7102-62	DUCT	A118-6550	1
71 - 46	118-7120-21-2	LINER	A118-6550	3
71 - 47	118-7120-22-2	SUPPORT	A118-6550	1
71 - 48	118-7120-18-2	SUPPORT	A118-6550	1
71 - 49	C5160-000061	WASHER, SPRING 6	A118-6550	3
71 - 50	C5140-000061	WASHER, POLISHED 6	A118-6550	3
71 - 51	C5050-060301	BOLT, SOCKET-HEAD 8X30	A118-6550	3
71 - 52	C5140-000061	WASHER, SPRING 6	A118-6550	2
71 - 53	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118-6550	2
71 - 58	E3012-891-001	LIMIT SWITCH, MICRO SWITCH ISLW	A118-6550	2



INDEX	PART NO.	DESCRIPTION	UNIT	QTY

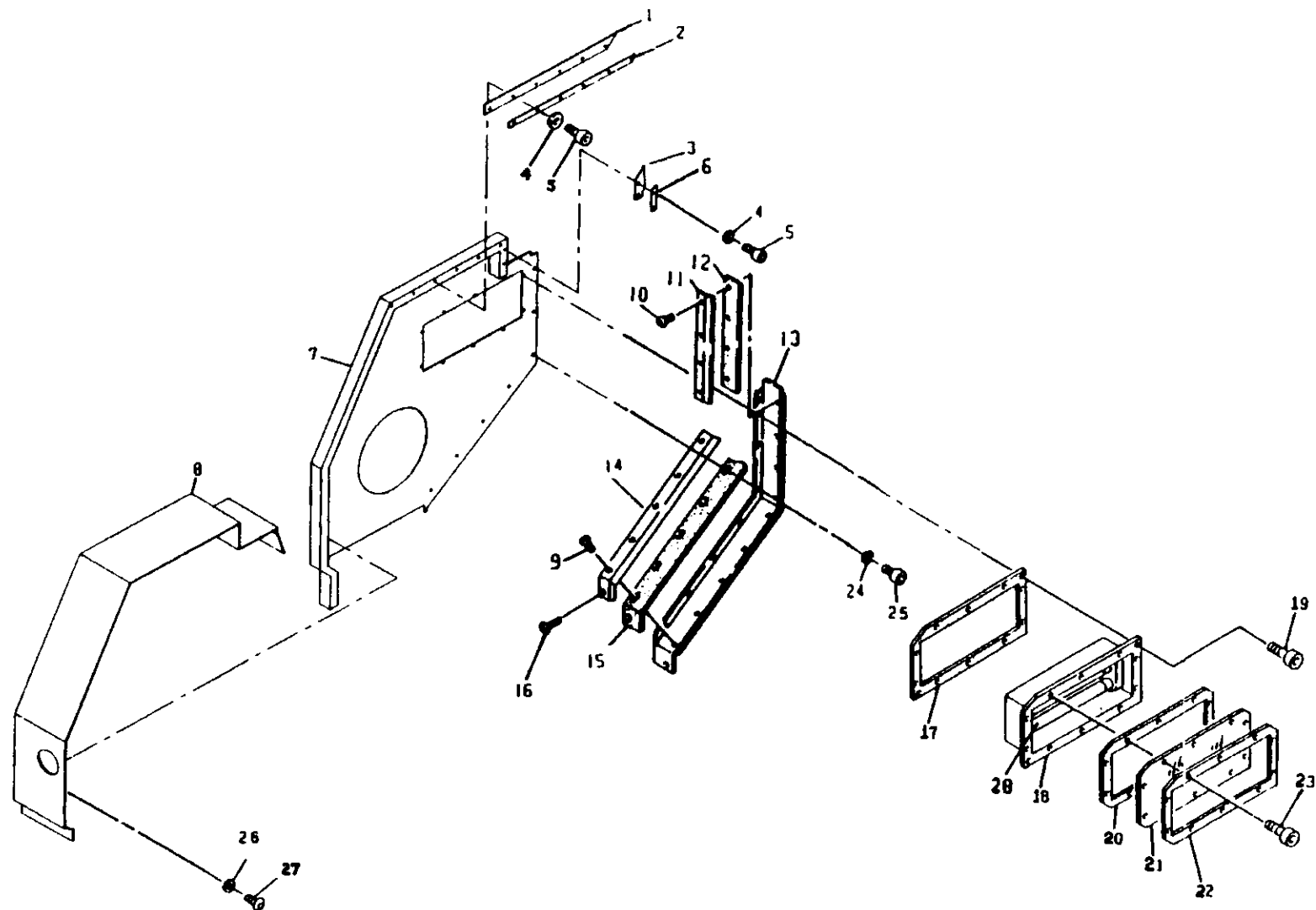
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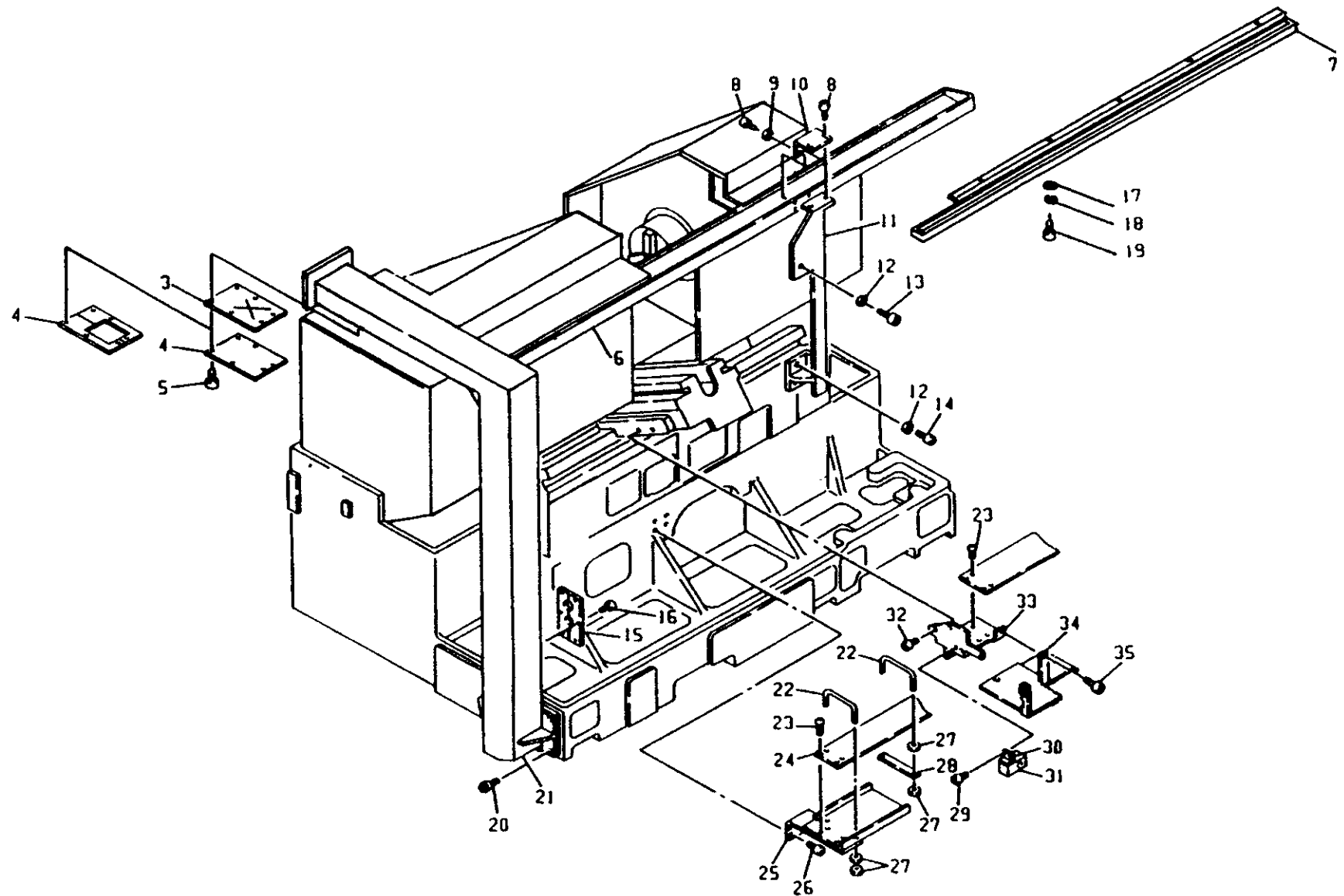
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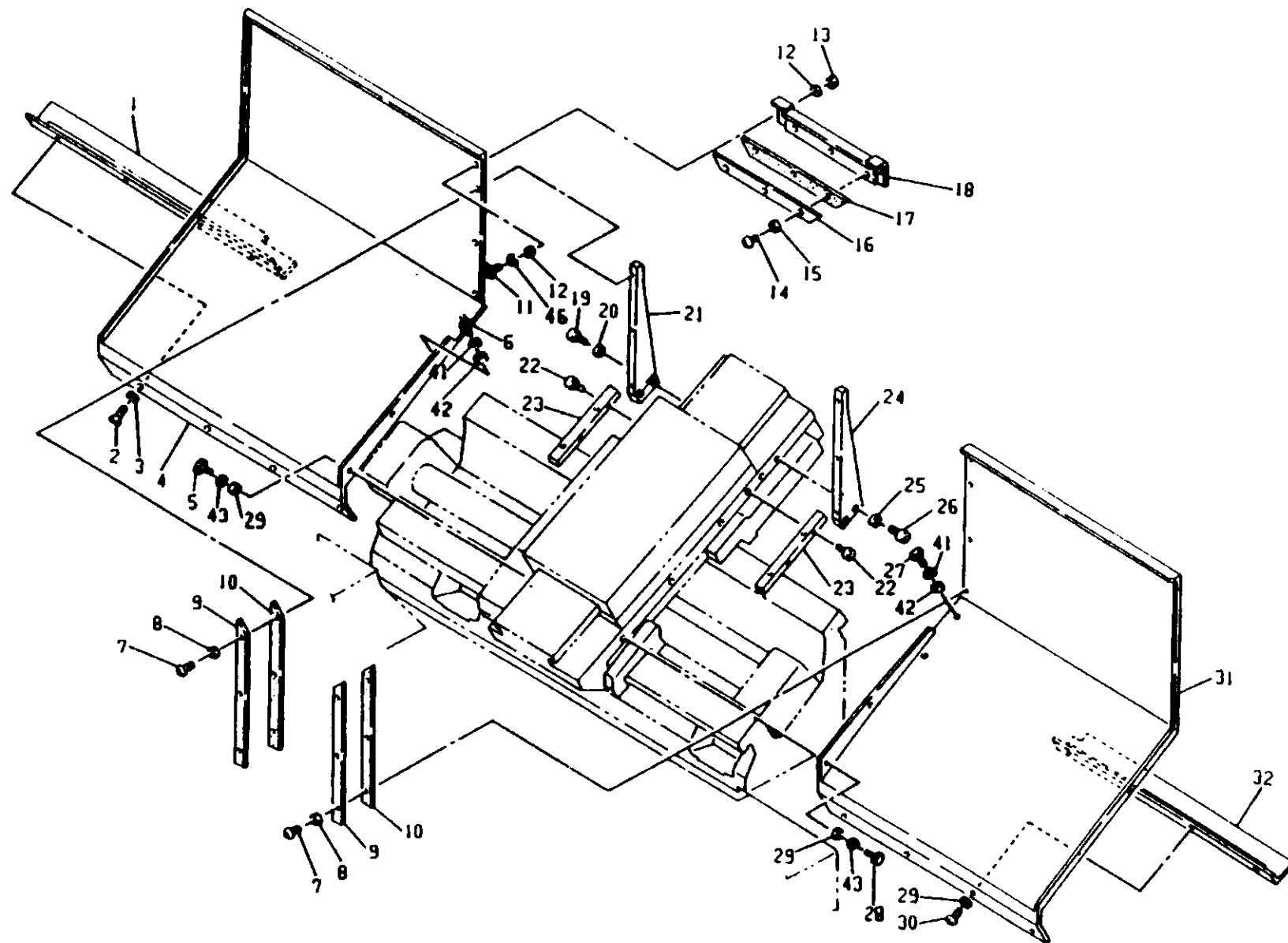
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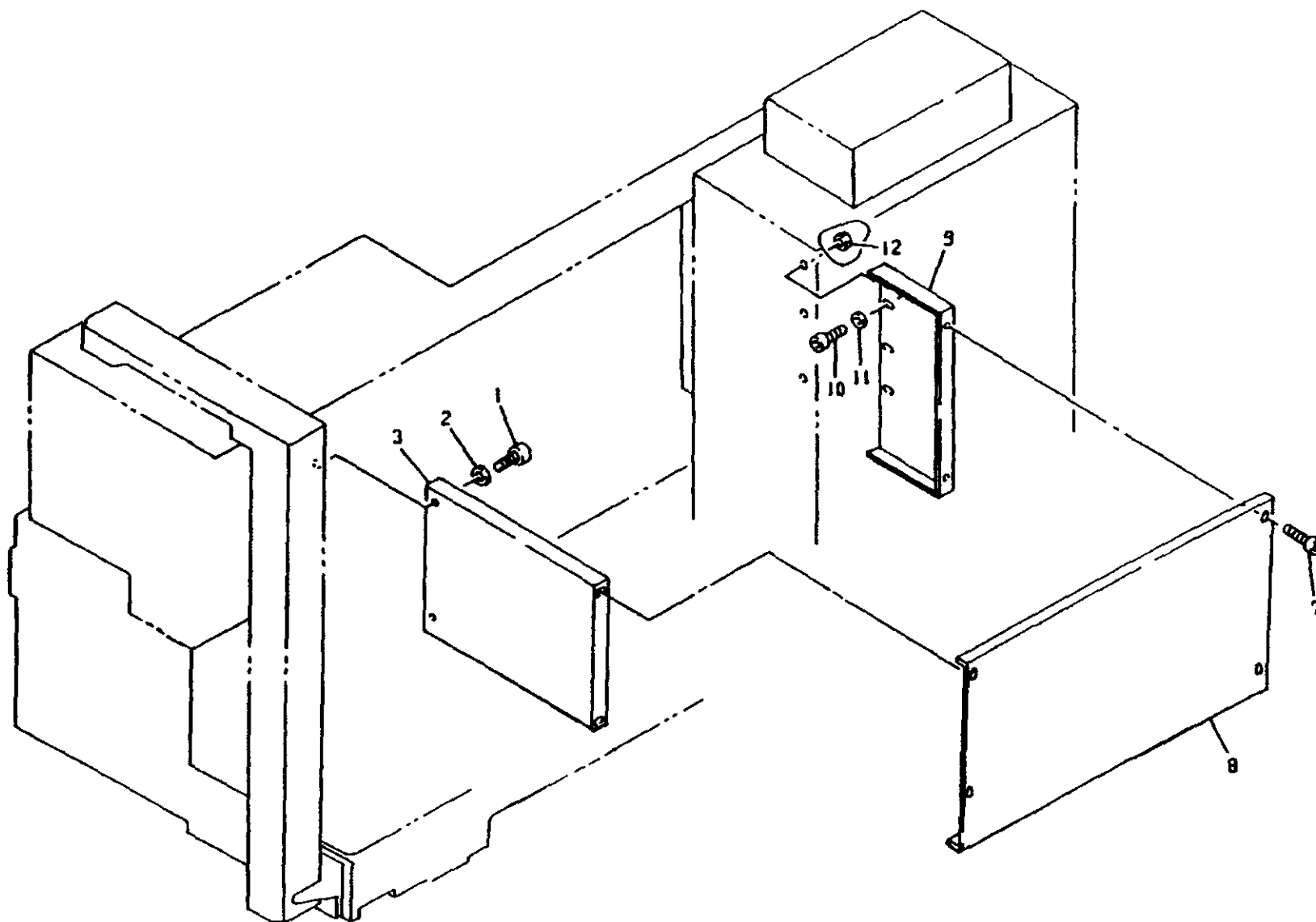


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.



INDEX	PART NO	DESCRIPTION	UNIT	QTY.

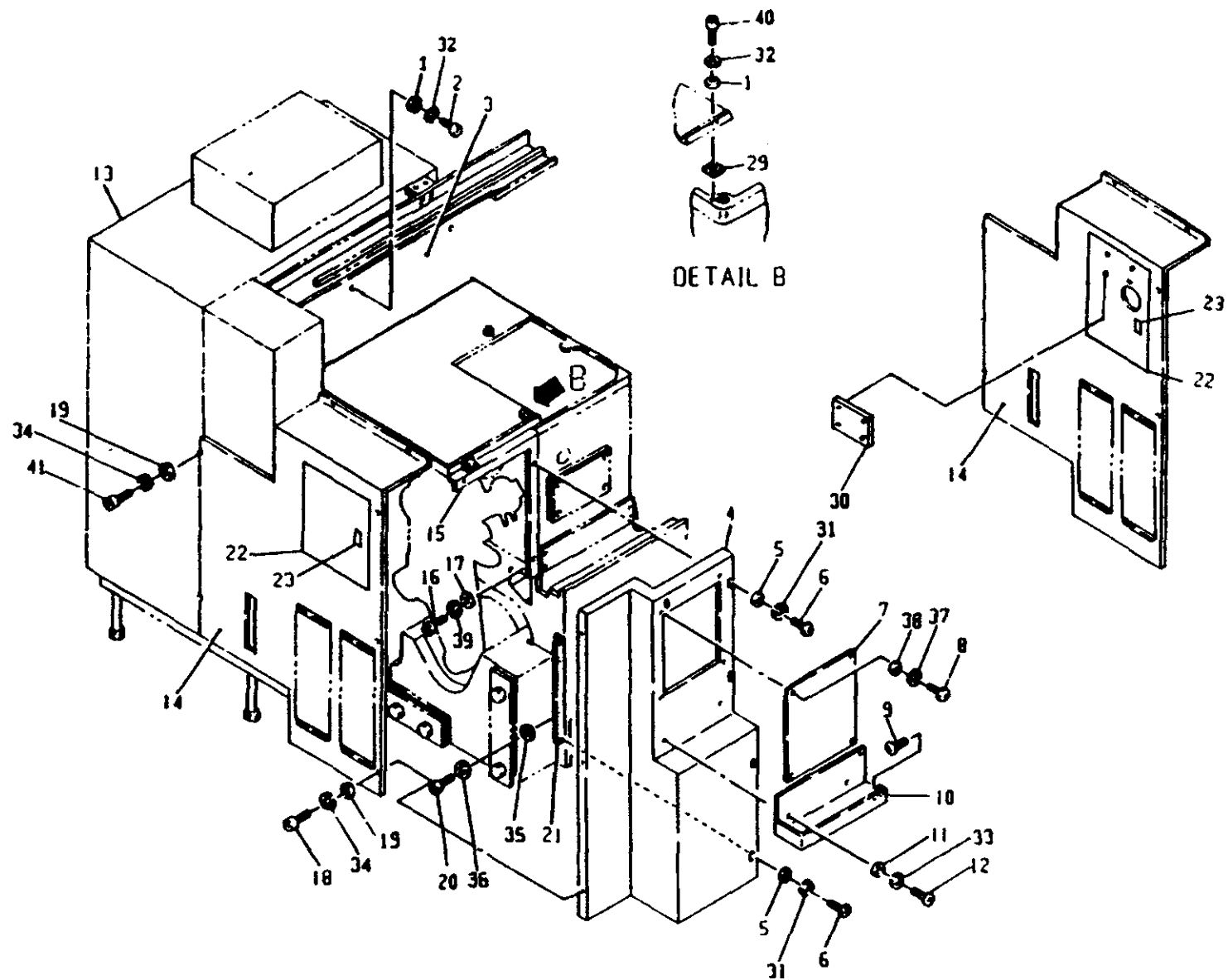
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

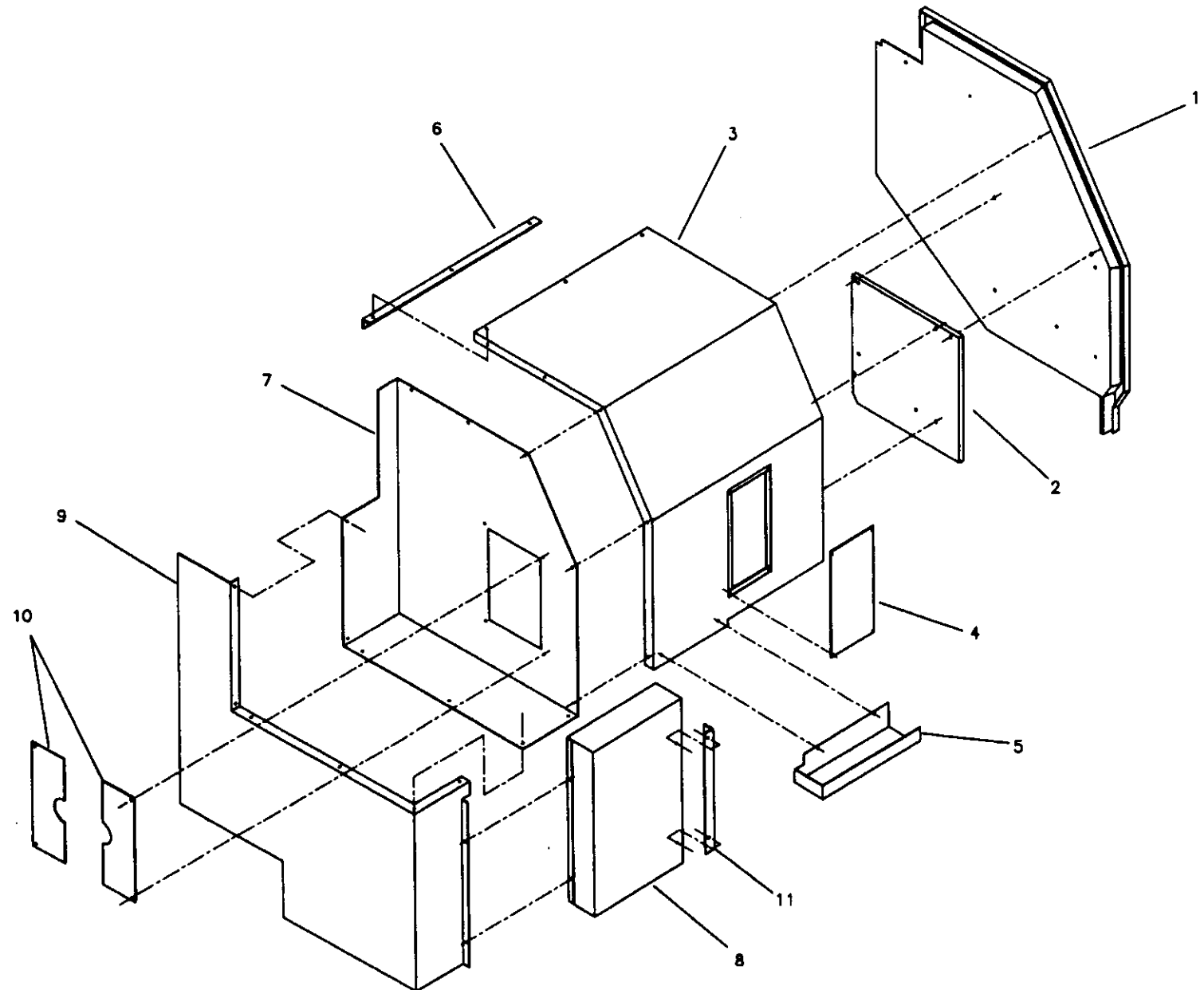


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III

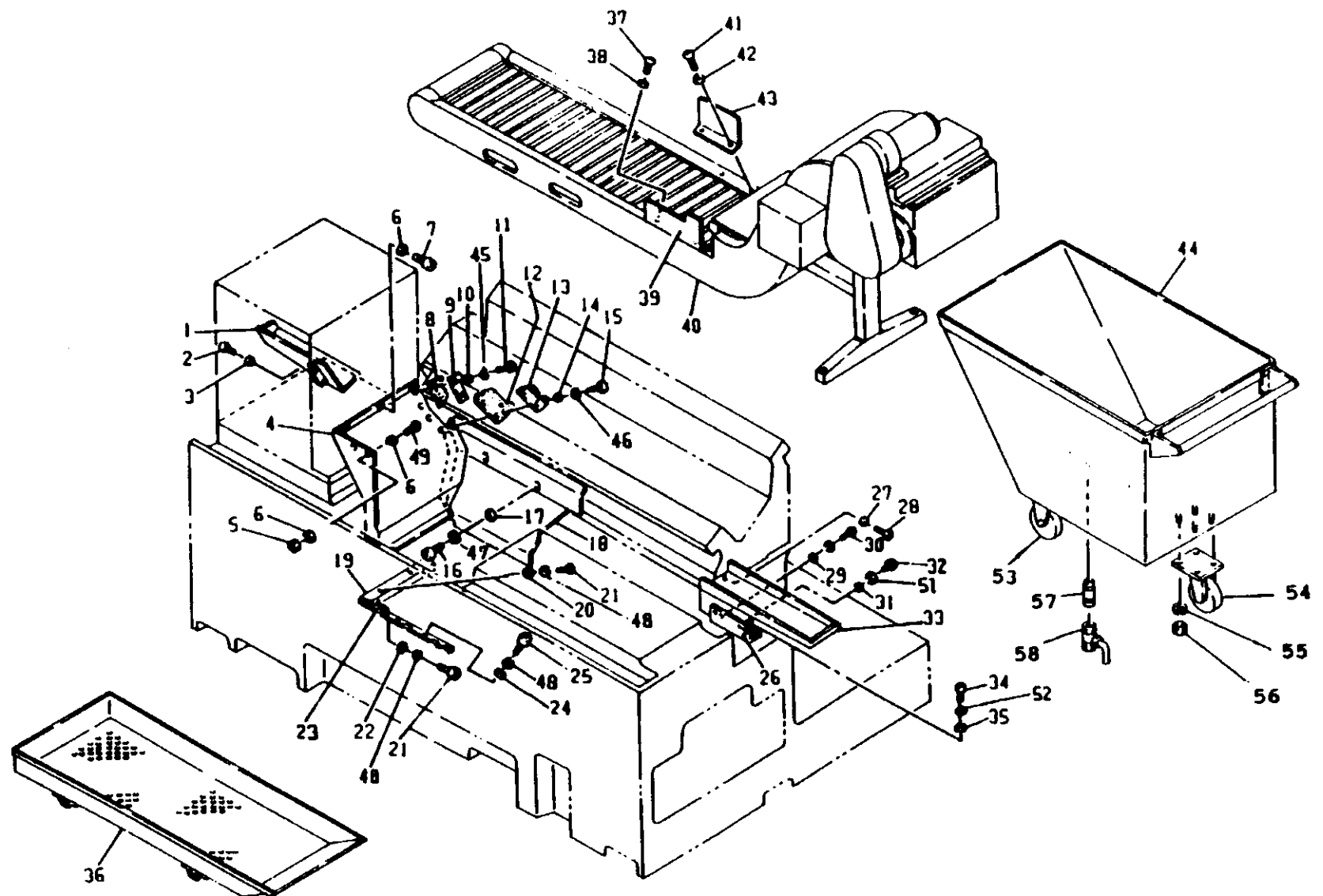


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

## CHIP CONVEYOR GROUP

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CHIP PAN / CHIP CONVEYOR (REAR) .....	116
CHUCK AND TAILSTOCK PEDALS .....	118

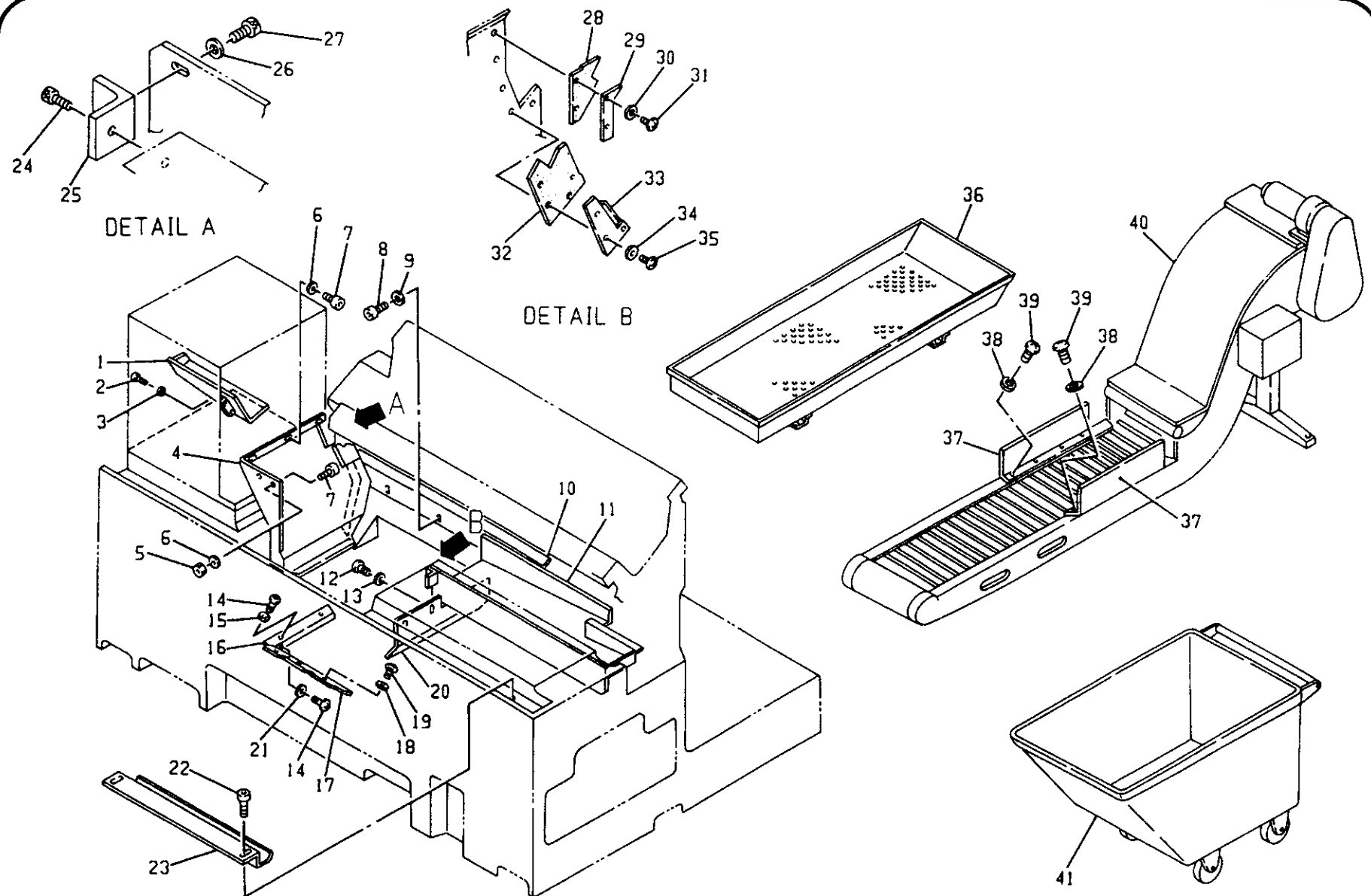
114



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
81 - 1	KW118-7000-07-00	GUTTER	A118X-6500	1
81 - 2	C5010-080121	BOLT, SOCKET-HEAD 8X12	A118X-6500	2
81 - 3	C5140-000081	WASHER, POLISHED 8	A118X-6500	2
81 - 4	118-9002-88-2	COVER	A118X-6518	1
81 - 5	C5110-000061	NUT 6	A118X-6518	2
81 - 6	C5150-000061	WASHER, PLAIN 6	A118X-6518	5
81 - 7	C5040-006101	SCREW, PAN-HEAD 6X10	A118X-6518	5
81 - 8	H1020-1073-84-1	WIPER	A118X-6518	1
81 - 9	118-9002-89	HOLDER	A118X-6518	1
81 - 10	C5140-000061	WASHER, POLISHED 6	A118X-6518	2
81 - 11	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118X-6518	2
81 - 12	H1020-1073-85-1	WIPER	A118X-6518	1
81 - 13	118-9002-90-3	HOLDER	A118X-6518	1
81 - 14	C5140-000061	WASHER, POLISHED 6	A118X-6518	3
81 - 15	C5000-060121	BOLT, HEX-HEAD 6X12	A118X-6518	3
81 - 16	C5010-080121	BOLT, SOCKET-HEAD 8X12	A118X-6500	2
81 - 17	C5150-000081	WASHER, PLAIN 8	A118X-6500	2
81 - 18	118-9002-91-1	COVER	A118X-6500	1
81 - 19	118-9000-59	COVER	A118-9003	1
81 - 20	C5140-000061	WASHER, POLISHED 6	A118-9003	2
81 - 21	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118-9003	6
81 - 22	C5150-000061	WASHER, PLAIN 6	A118-9003	1
81 - 23	118-9000-60-1	COVER	A118-9003	1
81 - 24	C5140-000061	WASHER, POLISHED 6	A118-9003	3
81 - 25	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118-9003	3
81 - 26	K118-6500-85-00	BRACKET	A118X-6518	1
81 - 27	C5150-000081	WASHER, PLAIN 8	A118X-6500	1
81 - 28	C5010-080121	BOLT, SOCKET-HEAD 8X12	A118X-6500	1
81 - 29	C5150-000061	WASHER, PLAIN 6	A118X-6503	2
81 - 30	C5040-006101	SCREW, PAN-HEAD 6X10	A118X-6503	2
81 - 31	C5150-000061	WASHER, PLAIN 6	A118X-6503	2
81 - 32	C5054-006101	SCREW, PAN-HEAD 6X10	A118X-6503	2
81 - 33	K118-6500-33-00	GUTTER	A118X-6503	1
81 - 34	C5010-080141	BOLT, SOCKET-HEAD 8X14	A118X-6518	2
81 - 35	C5140-000081	WASHER, POLISHED 8	A118X-6518	2
81 - 36	K118-9000-01-00	PAN	A118X-9000	1
81 - 37	C5040-006081	SCREW, PAN-HEAD 6X8	A118-9004	2

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
81 - 38	C5160-000061	WASHER, SPRING 6	A118-9004	2
81 - 39	118-9000-92	COVER	A118-9004	1
81 - 40	H0190-0026-24	CHIP CONVEYOR ENOMOTO	A118-9920	1
81 - 40	H0190-0026-32	CHLP CONVEYOR ENOMOTO	A118-9922	1
		IEC B15L		
81 - 40	H0190-0026-33	CHIP CONVEYOR ENOMOTO	A118-9923	1
		IEC B15-H		
81 - 41	C5040-006081	SCREW, PAN-HEAD 6X8	A118-9004	2
81 - 42	C5160-000061	WASHER, SPRING 6	A118-9004	2
81 - 43	118-9000-65	PLATE	A118-9004	1
81 - 44	191-6714-17-2	CHIP BRACKET L	A112-0200	1
81 - 45	C5160-000061	WASHER, SPRING 6	A118X-6518	4
81 - 46	C5160-000061	WASHER, SPRING 6	A118X-6518	1
81 - 47	C5160-000081	WASHER, SPRING 8	A118-9011	2
81 - 48	C5160-000061	WASHER, SPRING 8	A118-9011	6
81 - 49	C5040-006121	SCREW, PAN-HEAD 6X12	A118X-6518	2
81 - 50	C5160-000061	WASHER, SPRING 6	A118X-6518	5
81 - 51	C5160-000061	WASHER, SPRING 6	A118X-6500	2
81 - 52	C5160-000081	WASHER, SPRING 8	A118X-6518	2
81 - 53	H1080-0000-55	CASTER	A127-0200	2
81 - 54	H1080-0000-56	CASTER	A127-0200	1
81 - 55	C5160-000101	WASHER	A127-0200	12
81 - 56	C5110-000101	NUT	A127-0200	12
81 - 57	C7782-000022	NIPPLE	A127-0200	1
81 - 58	C2760-000222	HANDLE COCK 3/8	A127-0200	1

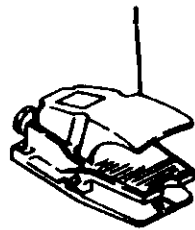
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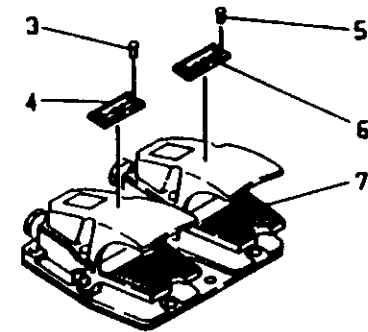


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
82 - 1	KW118-7000-07-00	GUTTER	A118-6500	1
82 - 2	C5010-080121	BOLT, SOCKETHEAD 8X12	A118-6500	2
82 - 3	C5140-000081	WASHER, POLISHED 8	A118-6500	2
82 - 4	118-9002-88-2	COVER	A118-6518	1
82 - 5	C5110-000061	NUT 6	A118-6518	2
82 - 6	C5150-000061	WASHER, PLAIN 6	A118-6518	5
82 - 7	C5010-060101	BOLT, SOCKETHEAD 6X10	A118-6518	3
82 - 8	C5010-080121	BOLT, SOCKETHEAD 8X12	A118-9012	2
82 - 9	C5150-000081	WASHER, PLAIN 8	A118-9012	1
82 - 10	118-9002-92-1	COVER	A118-9012	1
82 - 11	K118-9001-58-00	PAN	A118-9012	1
82 - 12	C5040-006101	SCREW, PANHEAD 6X10	A118-9012	2
82 - 13	C5140-000061	WASHER, POLISHED 6	A118-9012	2
82 - 14	C5040-006101	SCREW, PANHEAD 6X10	A118-9003	3
82 - 15	C5140-000061	WASHER, POLISHED 6	A118-9003	2
82 - 16	118-9000-59	COVER	A118-9003	1
82 - 17	118-9000-60-1	COVER	A118-9003	1
82 - 18	C5140-000061	WASHER, POLISHED 6	A118-9003	3
82 - 19	C5040-006101	SCREW, PANHEAD 6X10	A118-9003	3
82 - 20	KW118-9000-34-01	COVER	A118-9012	1
82 - 21	C5150-000061	WASHER, PLAIN 6	A118-9003	1
82 - 22	C5010-080161	BOLT, SOCKETHEAD 8X16	A118-9012	2
82 - 23	K118-9000-08-00	COVER	A118-9012	1
82 - 24	C5010-060141	BOLT, SOCKETHEAD 6X14	A118-9012	1
82 - 25	118-9001-92-A	SUPPORT	A118-9012	1
82 - 26	C5140-000061	WASHER, POLISHED 6	A118-9012	1
82 - 27	C5010-060101	BOLT, SOCKETHEAD 6X10	A118-9012	1
82 - 28	H1020-1073-84-1	WIPER	A118-6518	1
82 - 29	118-9002-89	HOLDER	A118-6518	1
82 - 30	C5140-000061	WASHER, POLISHED 6	A118-6518	2
82 - 31	C5040-006121	SCREW, PANHEAD 6X12	A118-6518	2
82 - 32	H1020-1073-85-1	WIPER	A118-6518	1
82 - 33	118-9002-90-3	HOLDER	A118-6518	1
82 - 34	C5140-000061	WASHER, POLISHED 6	A118-6518	3
82 - 35	C5040-006121	SCREW, PANHEAD 6X12	A118-6518	3
82 - 36	K118-9000-01-00	PAN	A118-6518	1
82 - 37	118-8801-41	PLATE	A118-9012	2

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
82 - 38	C5140-000061	WASHER, POLISHED 6	A118-9012	6
82 - 39	C5040-006081	SCREW, PANHEAD 6X8	A118-9012	6
82 - 40	H0190-0026-25	CHIP CONVEYOR ENOMOTO B15-HEC-27850	A118-9921	1
82 - 41	127-6751-04	CHIP BRACKET	A127-0201	1



CHUCK PEDAL



TAILSTOCK PEDAL

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

PIPING GROUP

HYDRAULIC PIPING (1) ..... 121

HYDRAULIC PIPING (2) ..... 123

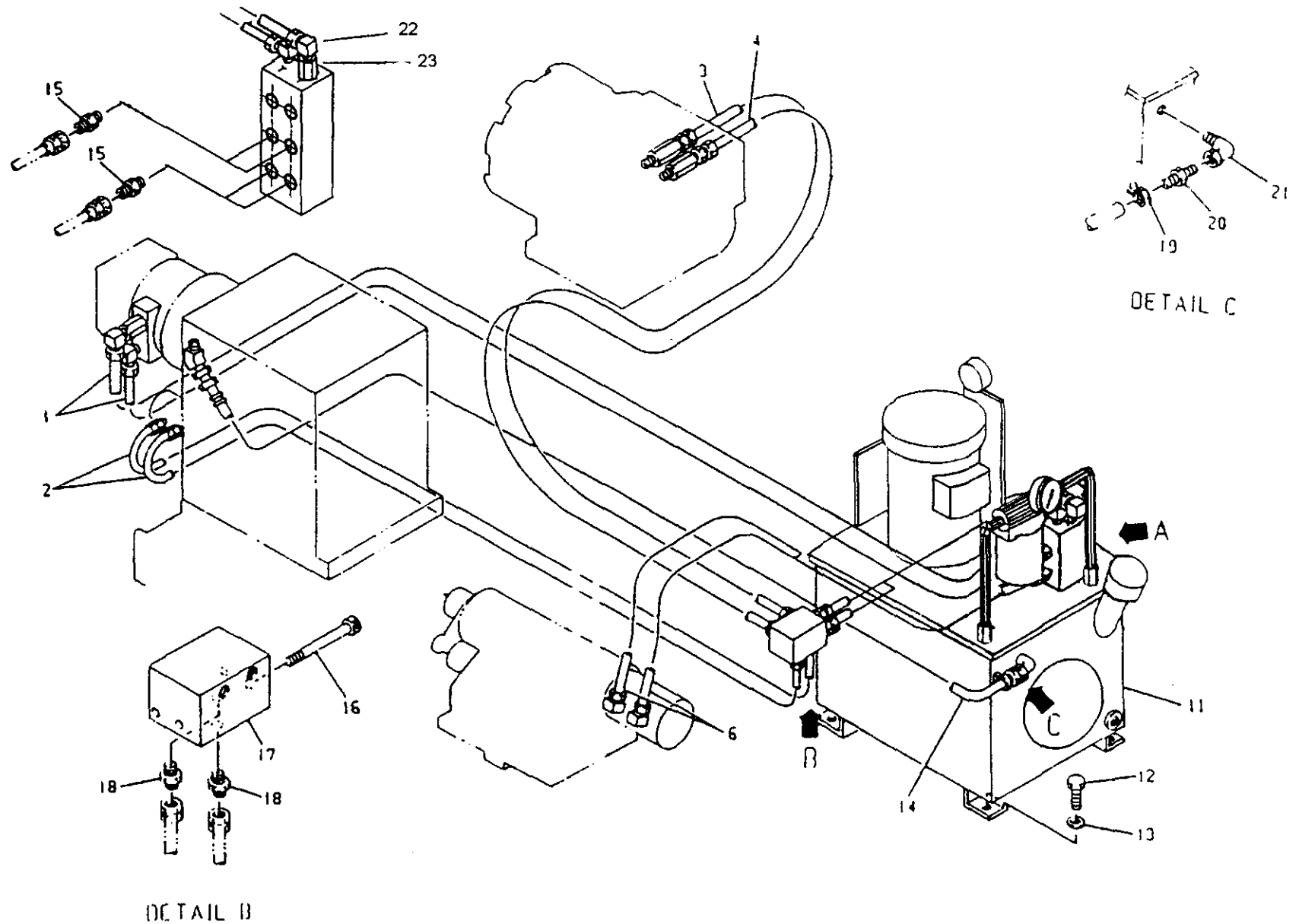
HYDRAULIC PIPING (H.S. - M) ..... 125

COOLANT PIPING ..... 127

LUBRICATION PIPING (1) ..... 129

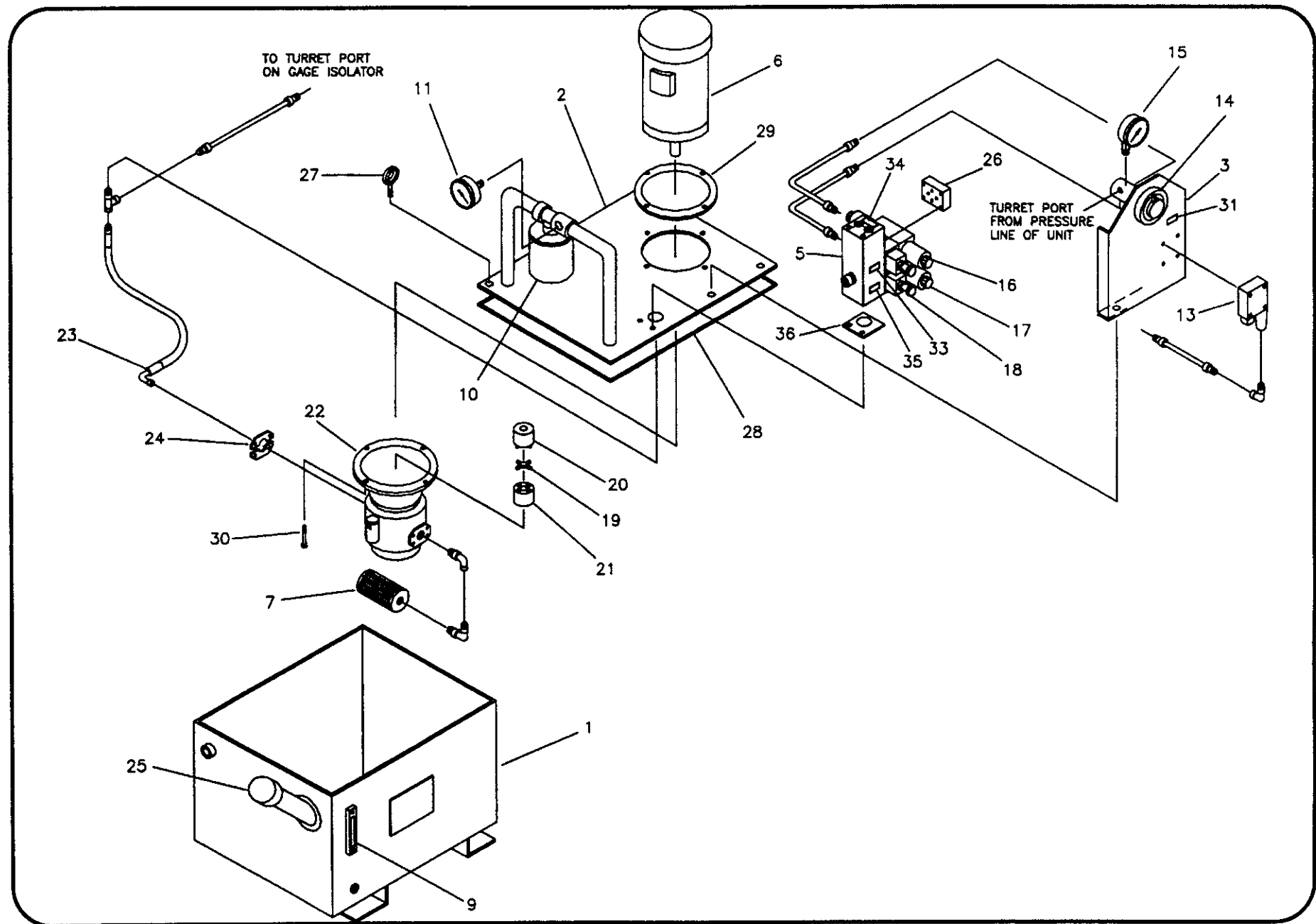
LUBRICATION PIPING (2) ..... 131

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INDEX	PART NO.	DESCRIPTION	UNIT	QTY

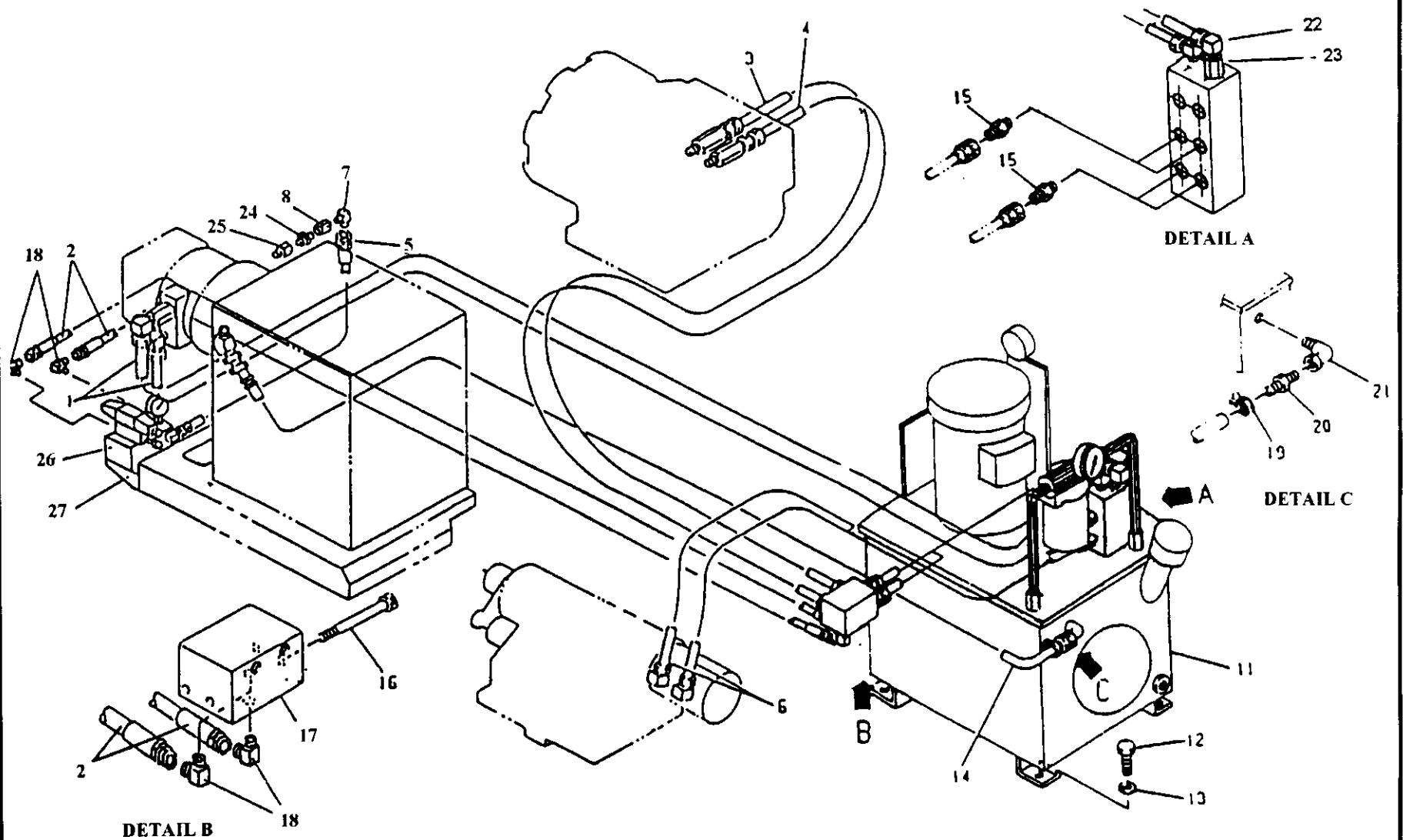
123



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

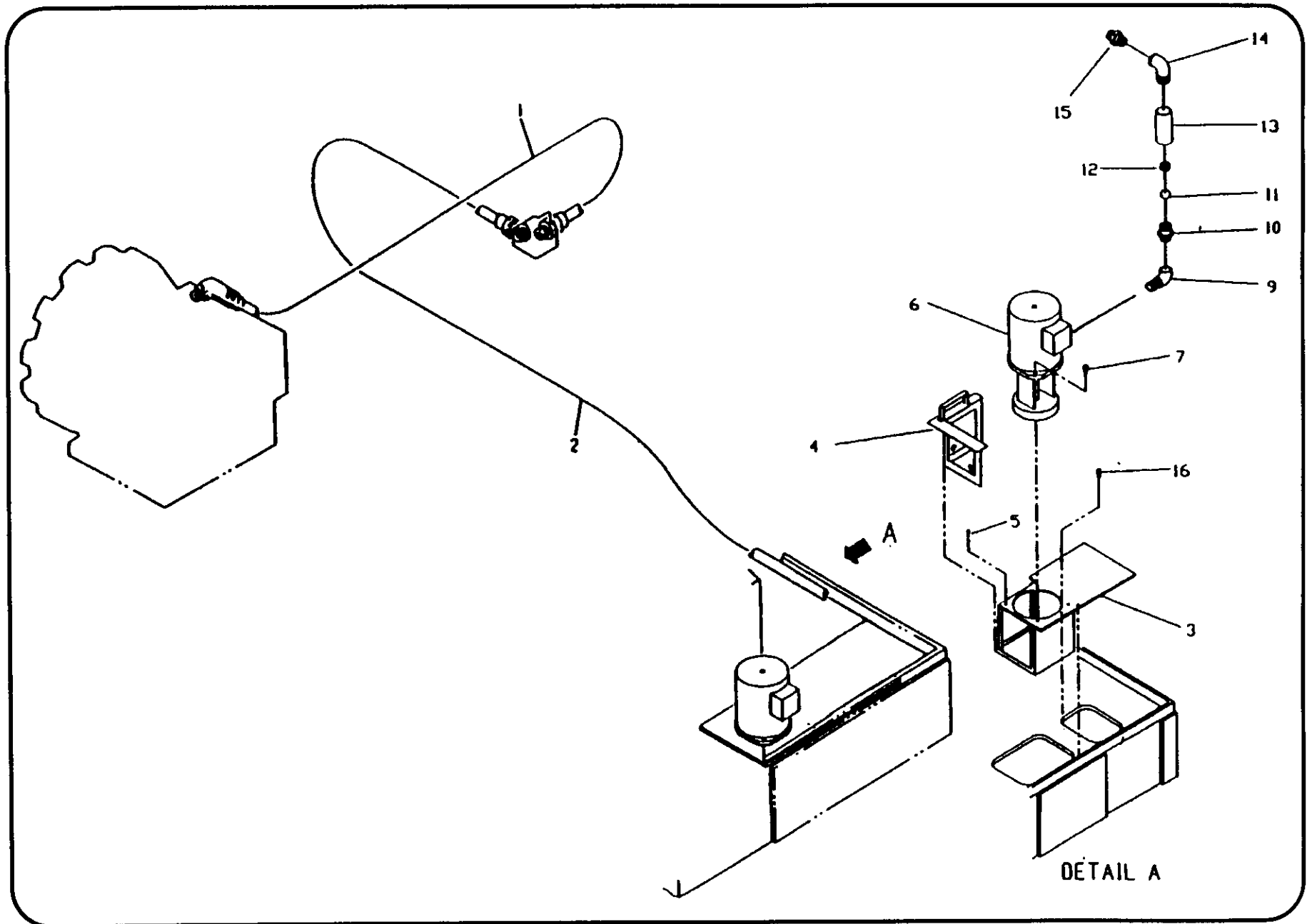


125



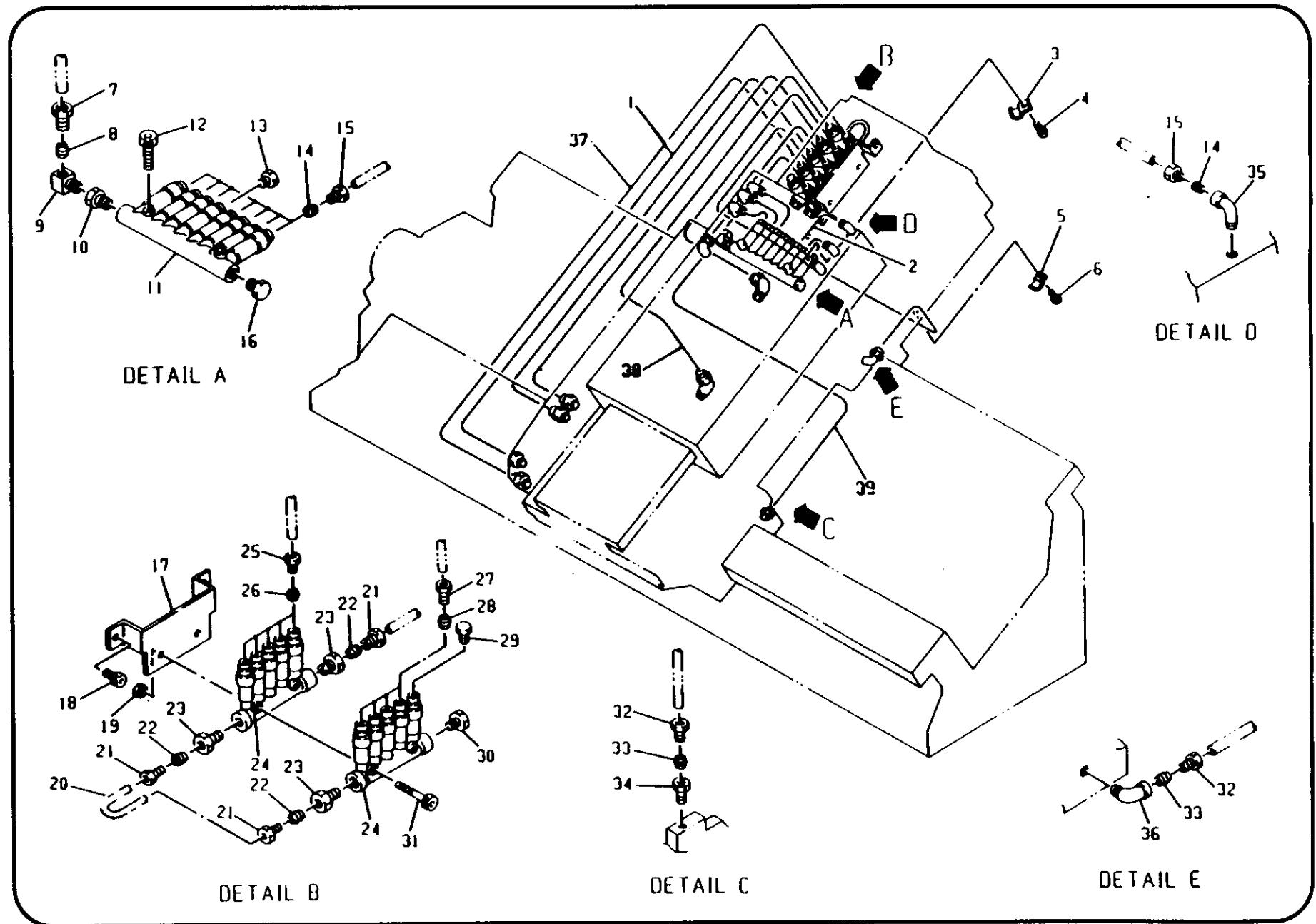
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
91 - 1	KF0-0298-01	HOSE, PARKER F421WCFUFU060606-137.8	A118X-8100	2	## ###	#REF!	#REF!	#REF!	#REF!
91 - 2	KF0-0058-00	HOSE, PARKER F421WCFUFU040404-98.43	K118-1006	2					
91 - 3	KF0-0296-00	HOSE, PARKER F421WCFUFU080808-102.4	A118X-2150	1					
91 - 4	KF0-0297-00	HOSE, PARKER F421WCFUFU080808-104.3	A118X-2150	1					
91 - 5	KF0-0578-00	HOSE, PARKER F421WCFUFU040404-21.0	K118-1006	1					
91 - 6	KF0-0053-00	HOSE, PARKER F421WCFUFU080808-153.5	A118X-4000	1					
91 - 7	KD7870-020012	HOSE, ELBOW 1/4	K118-1006	1					
91 - 8	C7900-010112	JOINT 1/4	K118-1006	1					
91 - 9	KF0-0295-02	HOSE, PARKER F421FUUT080808-25	A118X-2150	1					
91 - 10	KF0-0301-02	HOSE PARKER F421FUUT080808-27	A118X-2150	1					
91 - 11	KF1-0304-02	HYDRAULIC UNIT, PARKER (NO TAILSTOCK)	A118X-6913	1					
91 - 11	KF1-0305-03	HYDRAULIC UNIT, PARKER (TAILSTOCK)	A118B-6913	1					
91 - 12	C5000-100201	BOLT 10X20	A118X-0009	4					
91 - 13	C5140-000101	WASHER, POLISHED 10	A118X-0009	4					
91 - 14	C7793-253400	HOSE, VINYL 25X3400	A118X-0009	1					
91 - 15	KD7870-010022	JOINT, PARKER JIS	A118X-8100	2					
91 - 16	C5010-081101	BOLT, SOCKET-HEAD 8X10	A118X-0009	2					
91 - 17	118-6000-02-6	MANIFOLD	A118X-0009	1					
91 - 18	KD7870-020012	HOSE, ELBOW 1/4	K118-1006	5					
91 - 19	C2765-000351	CLAMP, WIRE 35	A118X-8100	1					
91 - 20	C7872-002542	JOINT 3/4	A118X-8100	1					
91 - 21	C7812-000442	JOINT 3/4	A118X-8100	1					
91 - 22	KD7870-020032	JOINT, PARKER JIS 90DEG 1/2	A118X-2150	2					
91 - 23	C7900-020332	JOINT 1/2	A118X-2150	1					
91 - 24	C7900-000102	REDUCER 1/4-1/8	K118-1006	1					
91 - 25	H0012-0004-25	ADAPTER	K118-1006	1					
91 - 26	K118-1000-35-00	MANIFOLD	K118-1006	1					
91 - 27	K118-1000-34-00	SUPPORT	K118-1006	1					

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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

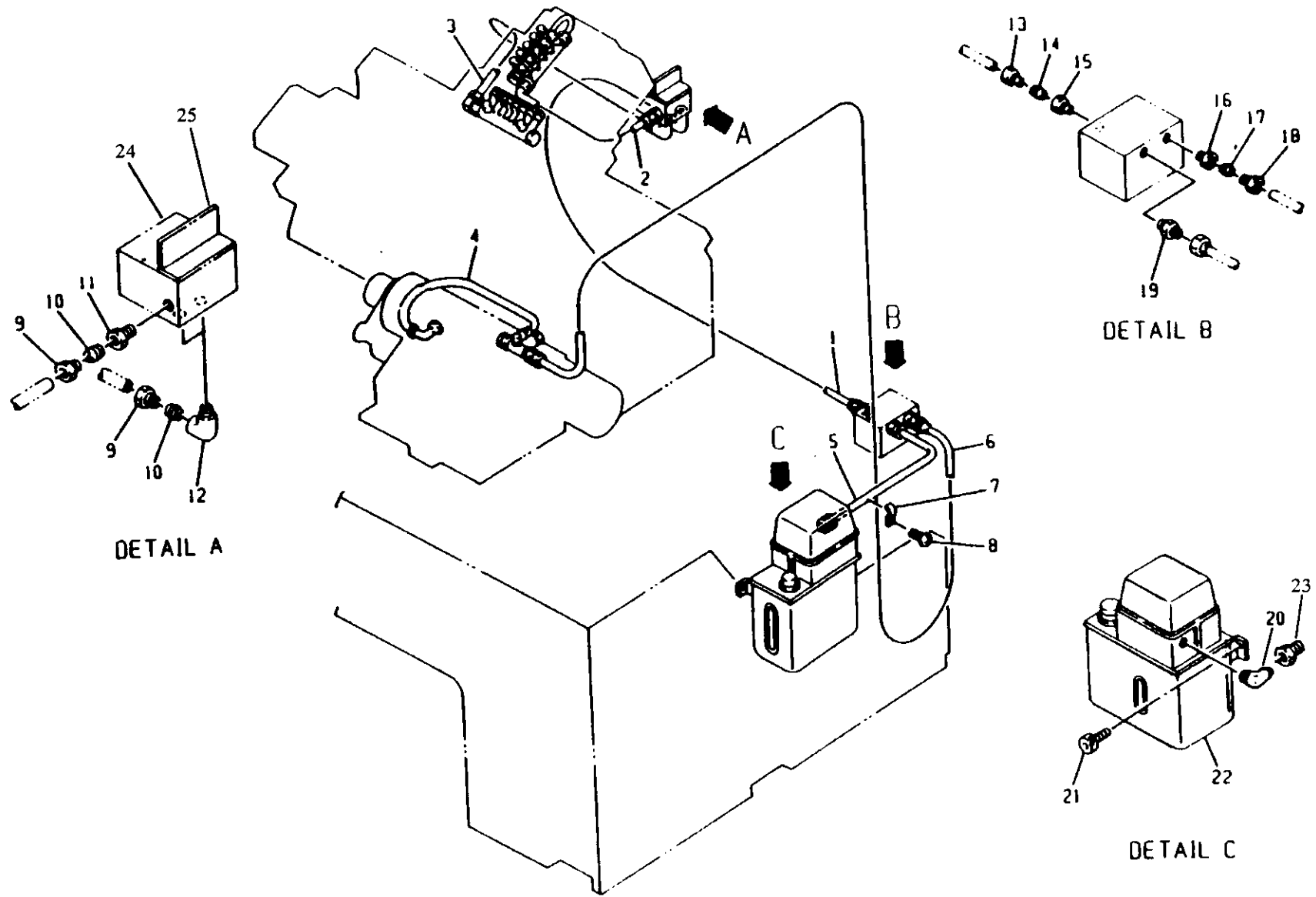
129



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
93 - 1	H0022-0001-16	PIPE, NYLON SHOWA M4X5000	A118X-2150	1
93 - 2	C7781-040150	PIPE, STEEL 4X145	A 18X-2150	1
93 - 3	C7700-001060	PIPE HOLDER, A PZ-16	A118X-2150	1
93 - 4	C5040-005081	SCREW, PAN-HEAD 5X8	A118X-2150	1
93 - 5	C7700-002040	PIPE HOLDER	A118X-2150	1
93 - 6	C5040-005081	SCREW, PAN-HEAD 5X8	A118X-2150	1
93 - 7	H0012-0001-12	PLUG PA SHOWA PA-6	A118-2250	1
93 - 8	H0012-0001-11	SLEEVE PB-6	A118-2250	1
93 - 9	H0012-0005-01	ELBOW PH SHOWA PH6-2	A118-2250	3
93 - 10	H0012-0004-99	NIPPLE KH-5	A118-2250	2
93 - 11	H0012-0004-72	PLUNGER DPB-28	A118-2250	1
93 - 12	C5010-050251	BOLT, SOCKET-HEAD 5X25	A118-2250	2
93 - 13	H0012-0006-29	SEAL PLUG SHOWA PG-004	A118-2250	1
93 - 14	H0012-0000-89	SLEEVE PB SHOWA PB-4	A118-2250	15
93 - 15	H0012-0000-88	PLUG PA-4	A118-2250	15
93 - 16	H0012-0004-96	SEAL PLUG PG SHOWA PG-12	A118X-2150	1
93 - 17	118-2000-13	SUPPORT	A118X-2150	1
93 - 18	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118X-2150	2
93 - 19	C5110-000051	NUT, HEX, NO.4 5	A118X-2150	2
93 - 20	C7781-060150	PIPE, STEEL 6X150	A118X-2150	1
93 - 21	H0012-0001-12	PLUG PA SHOWA PA-6	A118X-2150	3
93 - 22	H0012-0001-11	SLEEVE PB SHOWA PB-6	A118X-2150	3
93 - 23	H0012-0004-97	NIPPLE PD SHOWA PD-612	A118X-2150	3
93 - 24	H0012-0004-98	PLUNGER SHOWA DPB-25-0.1	A118X-2150	2
93 - 25	H0012-0000-88	PLUG PA SHOWA PA-4	A118X-2150	5
93 - 26	H0012-0000-89	SLEEVE PB SHOWA PB-4	A118X-2150	5
93 - 27	H0012-0000-88	PLUG PA-4	A118X-2150	4
93 - 28	H0012-0000-89	SLEEVE PB SHOWA PB-4	A118X-2150	4
93 - 29	H0012-0006-29	SEAL PLUG PG-004	A118X-2150	1
93 - 30	H0012-0004-96	SEAL PLUG PG-12	A118X-2150	1
93 - 31	C5010-050401	BOLT, SOCKET-HEAD 5X40	A118X-2150	2
93 - 32	H0012-0000-88	PLUG PA-4	A118X-2150	9
93 - 33	H0012-0000-89	SLEEVE PB-4	A118X-2150	5
93 - 34	H0010-0000-68	NIPPLE PD-4	A118X-2150	5
93 - 35	H0010-0007-97	ELBOW PHD-4	A118-2250	7
93 - 36	H0010-0007-97	ELBOW PHD SHOWA PHD-4	A118X-2150	4
93 - 37	C7781-040980	PIPE, STEEL	A118X-2150	1

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
93 - 38	C7781-040640	PIPE, STEEL	A118X-2150	1
93 - 39	C7781-040960	PIPE, STEEL	A118X-2150	1

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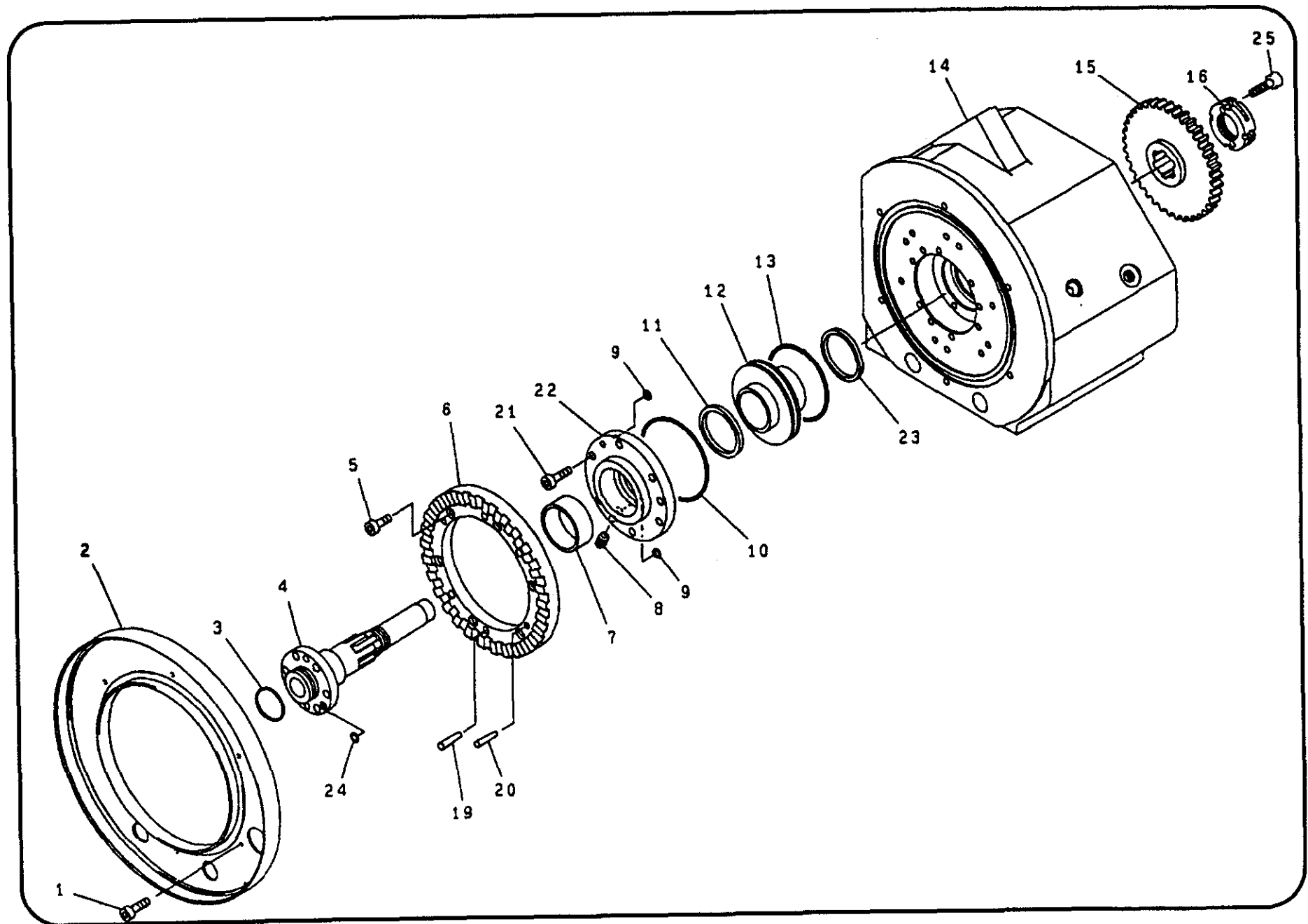




## M-TURRET GROUP

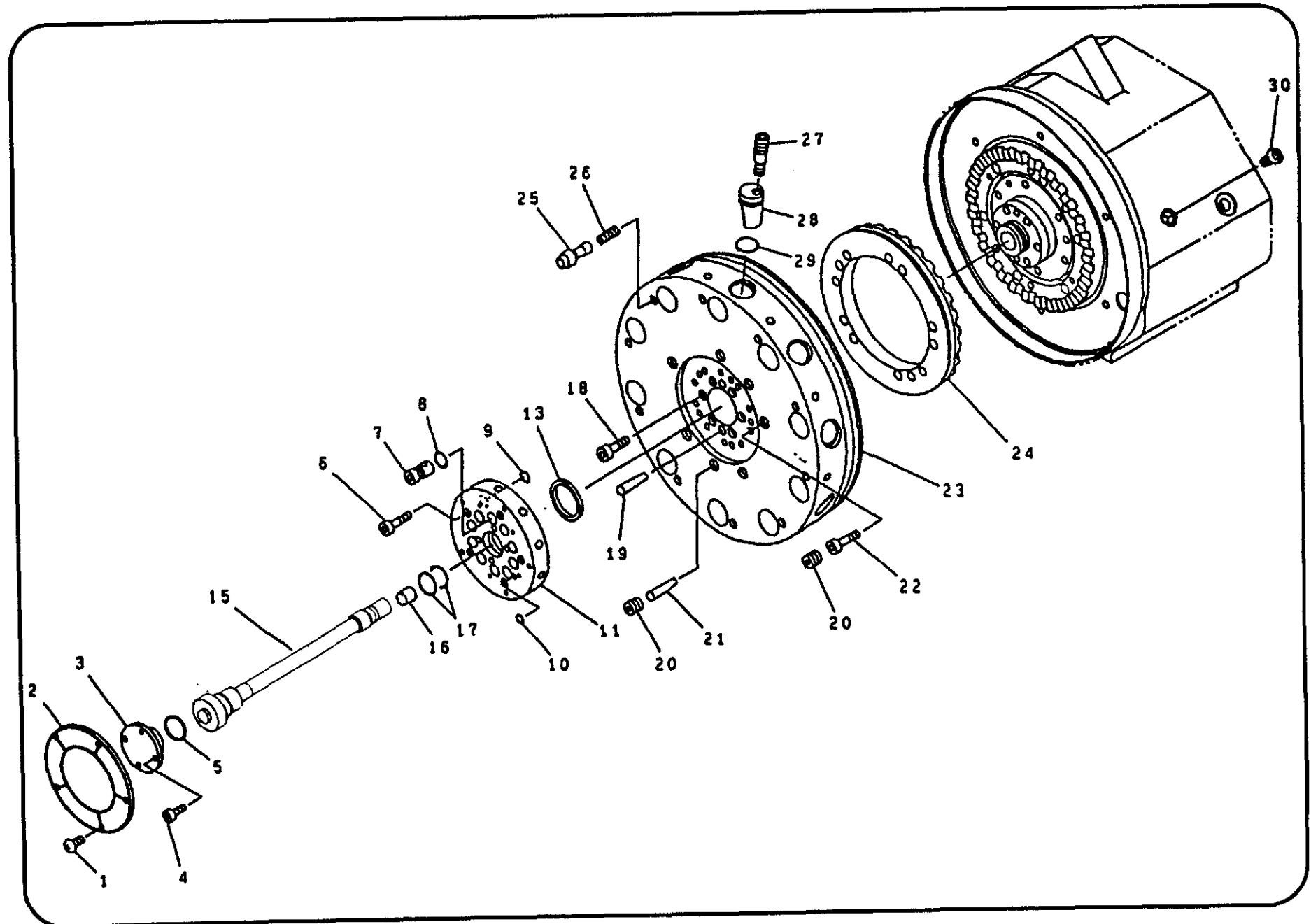
INDEX DRIVE DEVICE V10 (1) .....	134
INDEX DRIVE DEVICE V10 (2) .....	136
INDEX DRIVE DEVICE V10 (3) .....	138
INDEX DRIVE DEVICE V10 (4) .....	140
INDEX DRIVE DEVICE V10 (5) .....	142
CONTROL VALVE V10 .....	144
INDEX INSTALLATION V10 .....	146
BED AND BASE .....	148
COVERS (4) .....	150
133 INDEX INSTALLATION AND STROKE SWITCH .....	152
COVERS (2) TAILSTOCK .....	154
5 DEGREE SPINDLE ROTATION .....	156

134

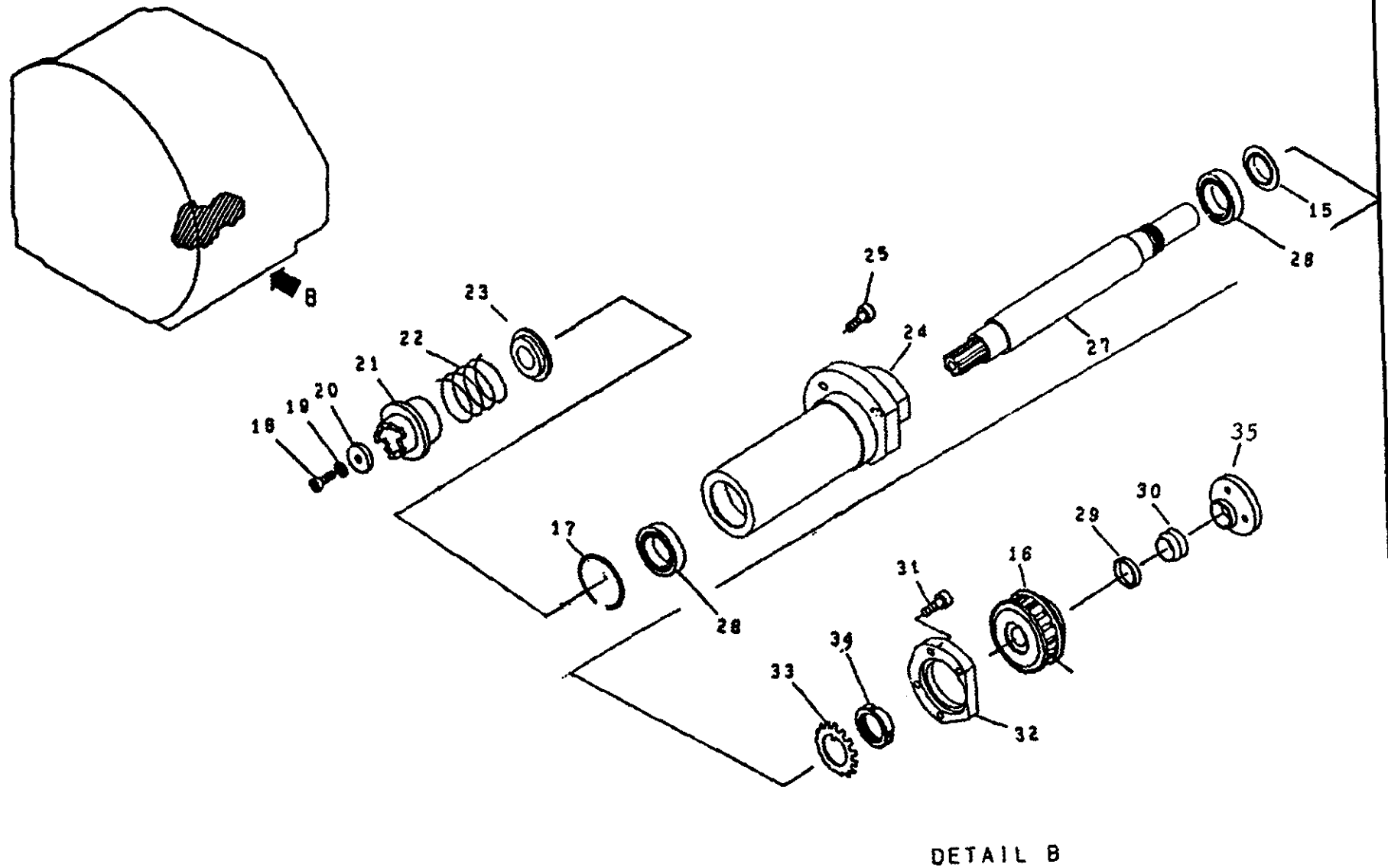


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

136

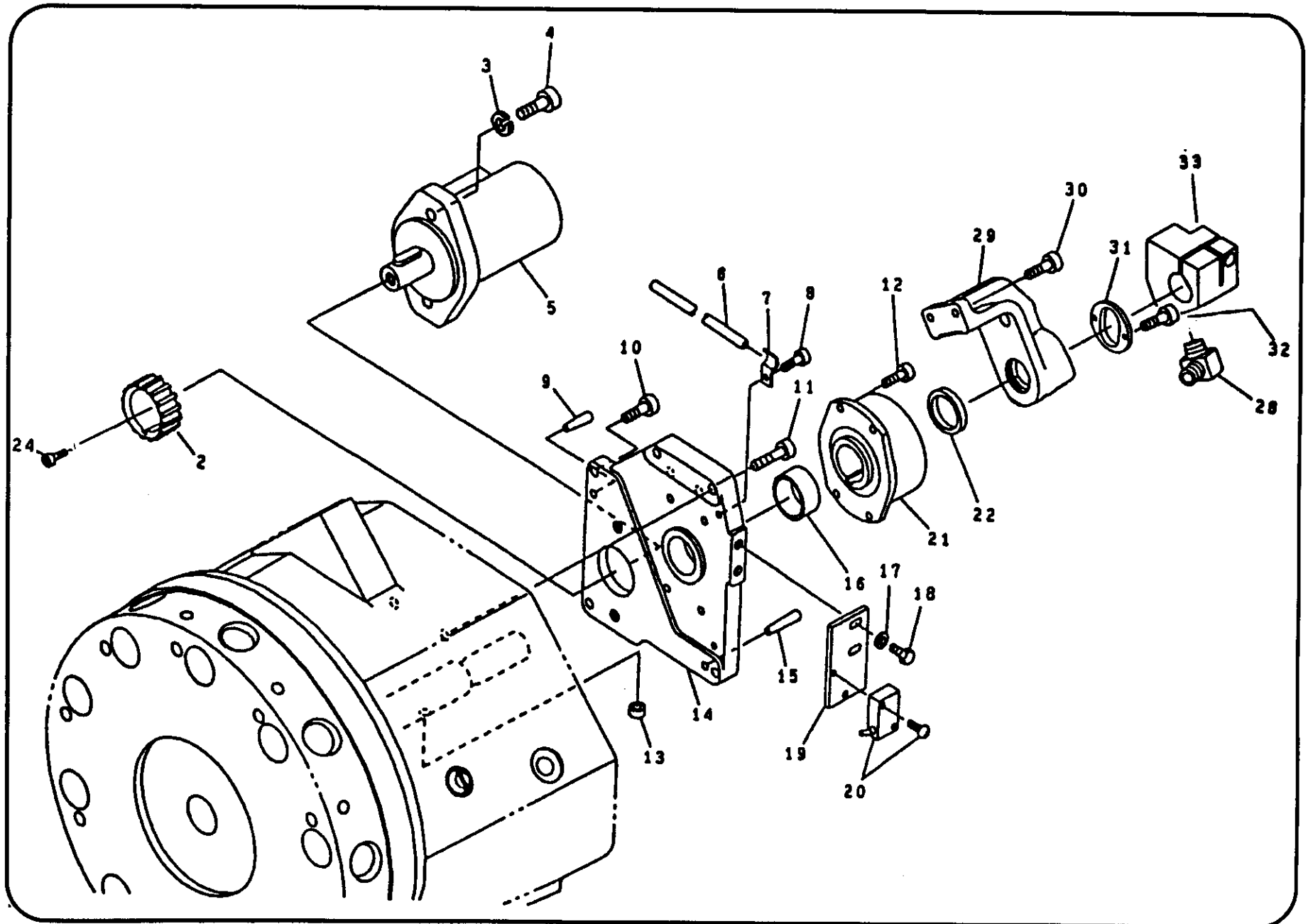


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

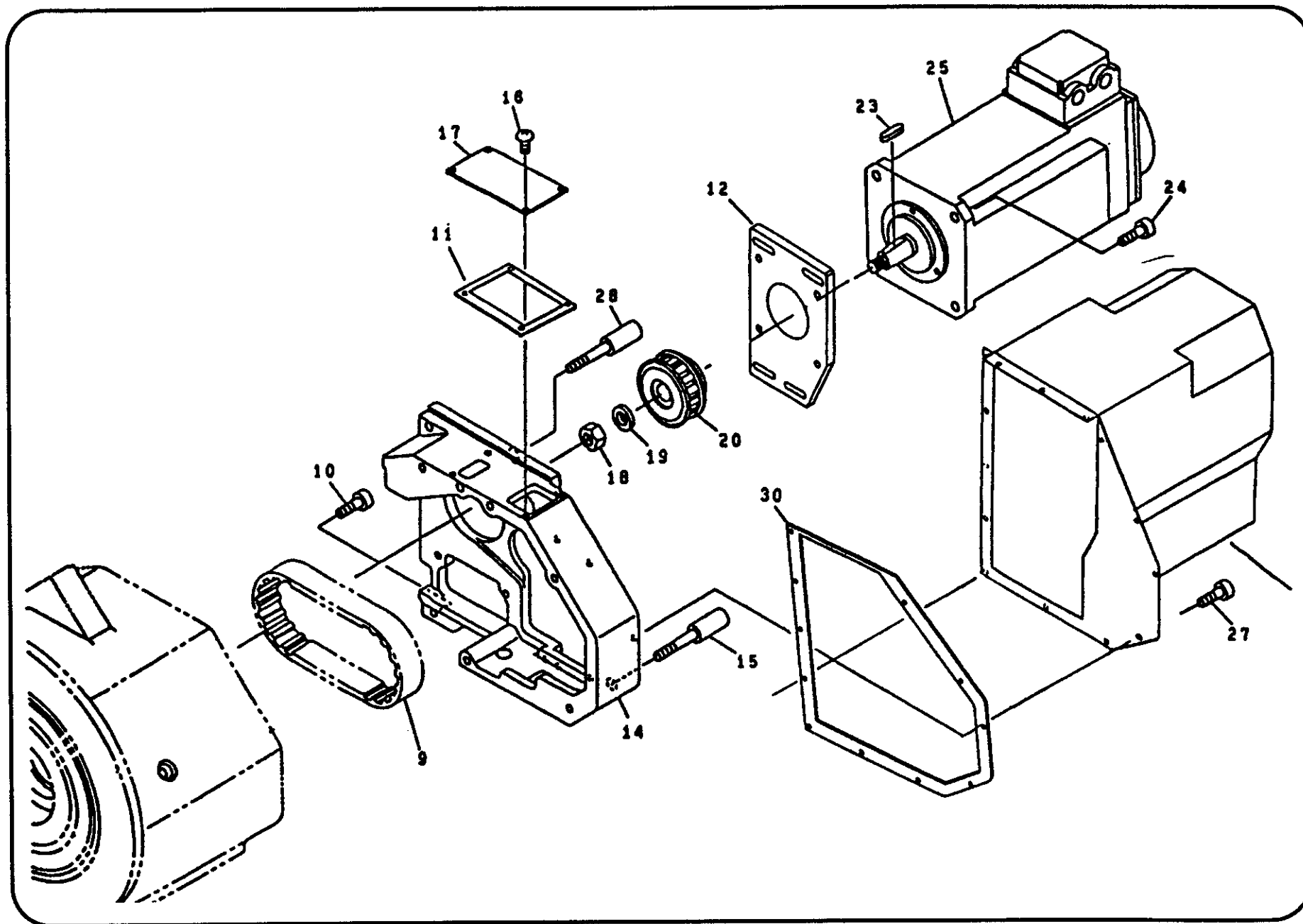
140





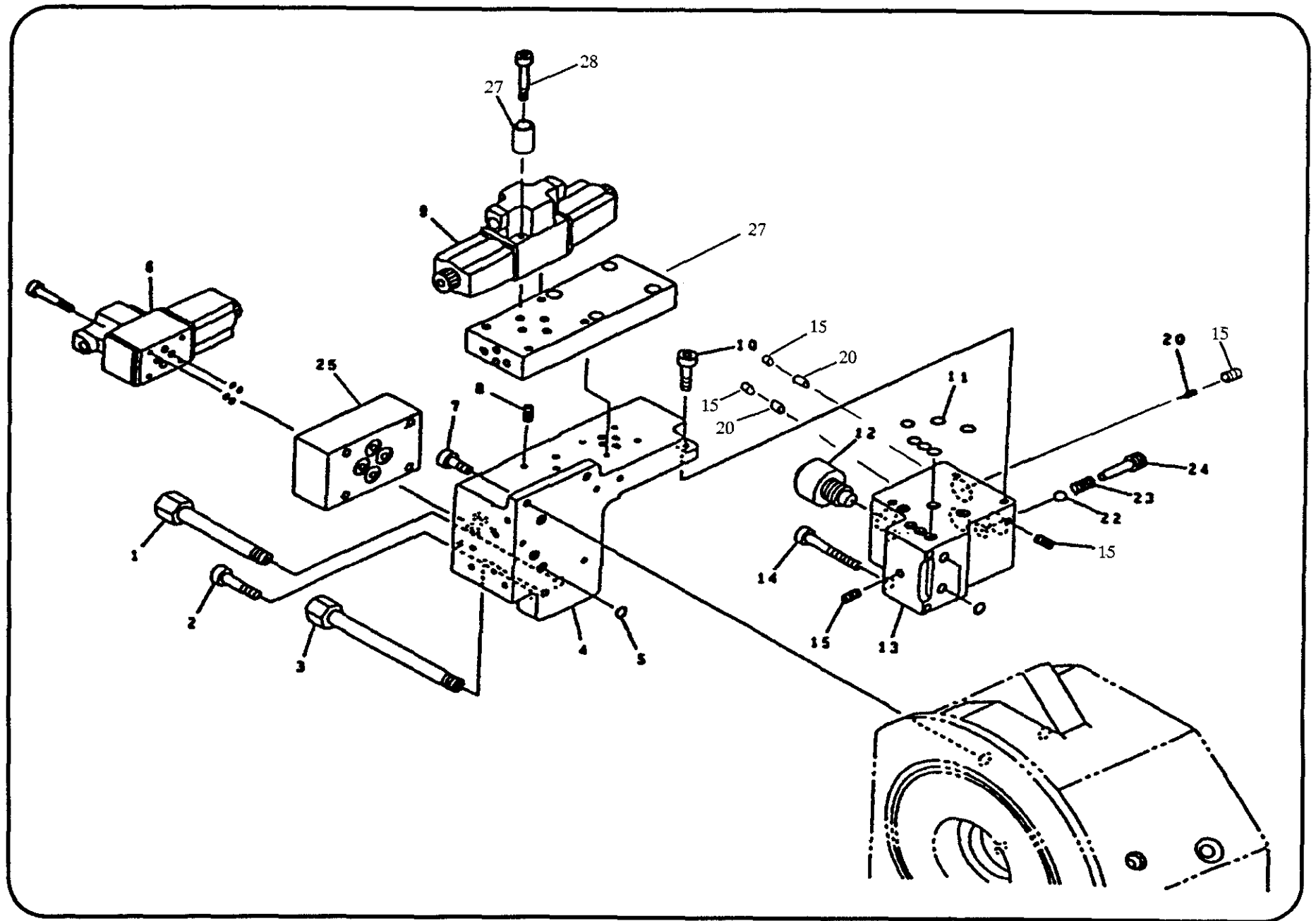
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

142

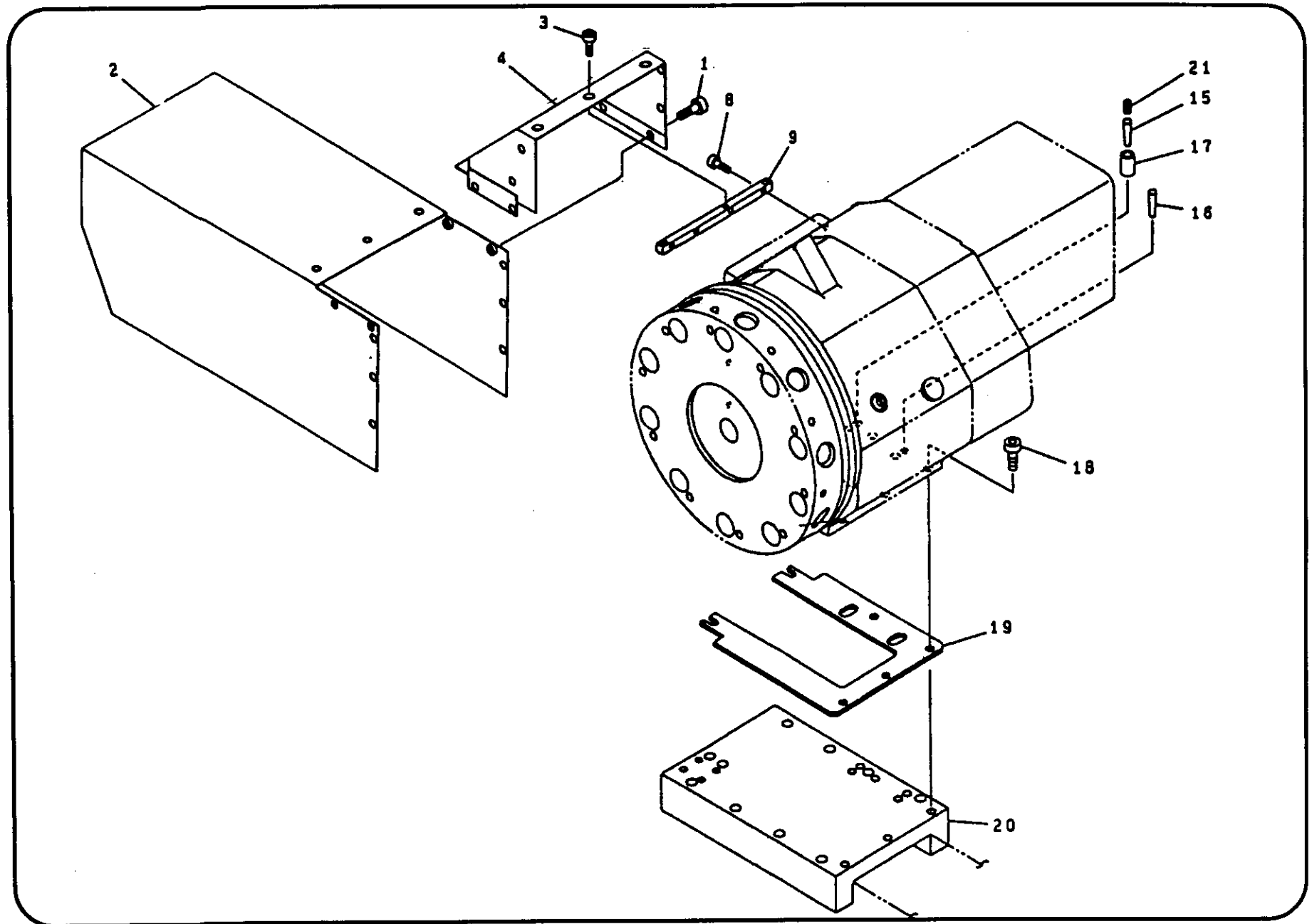


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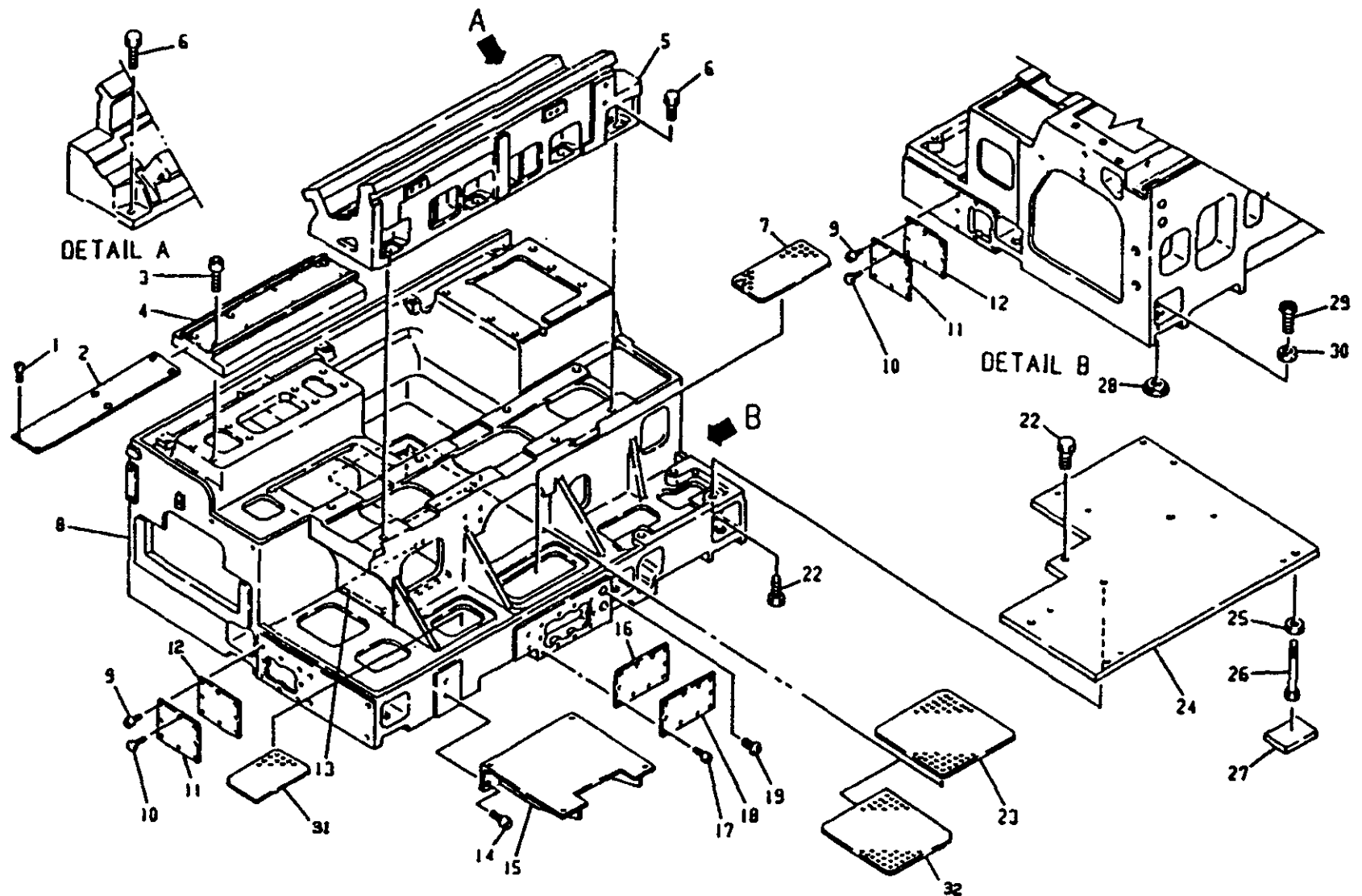
144



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.



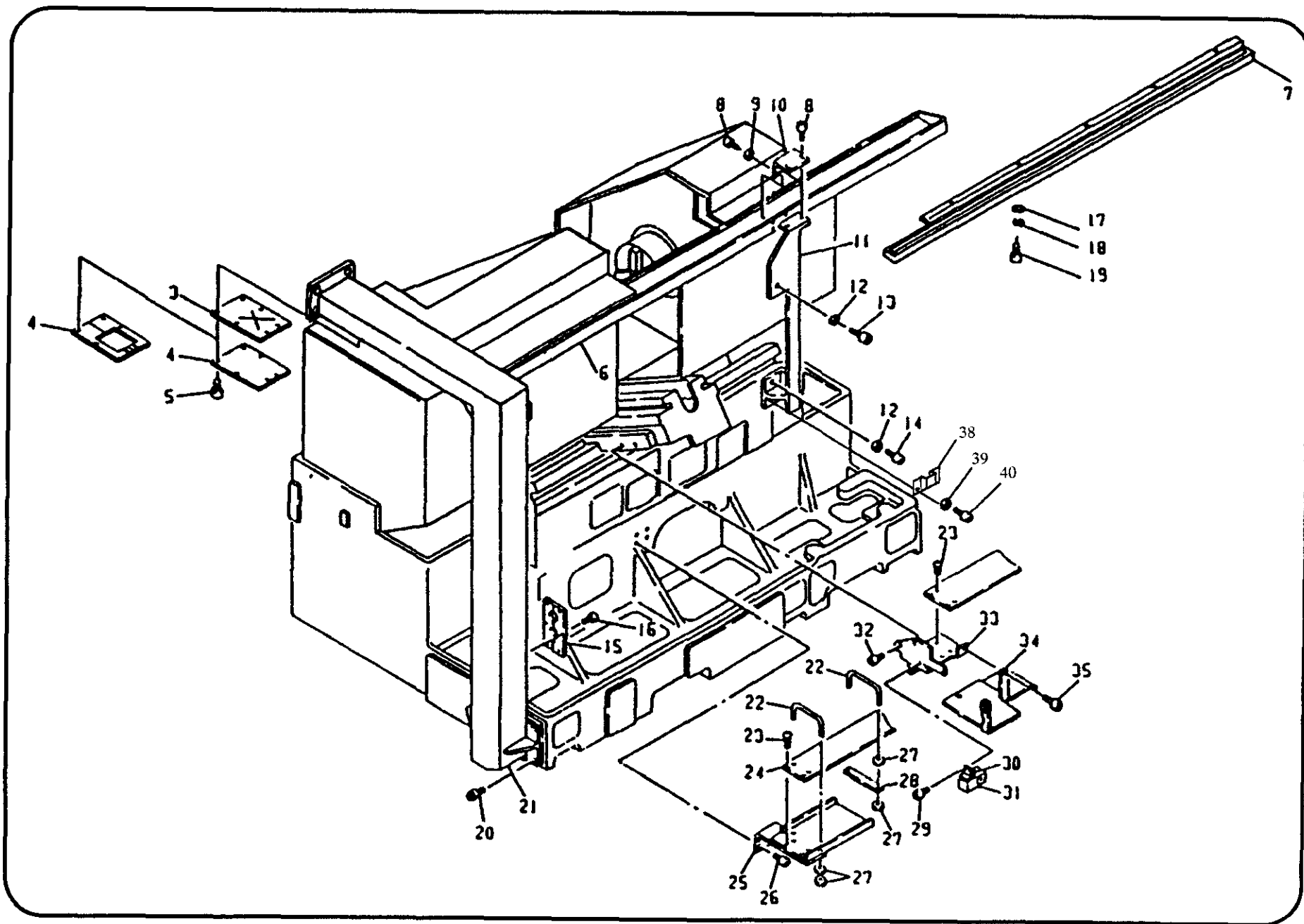






INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

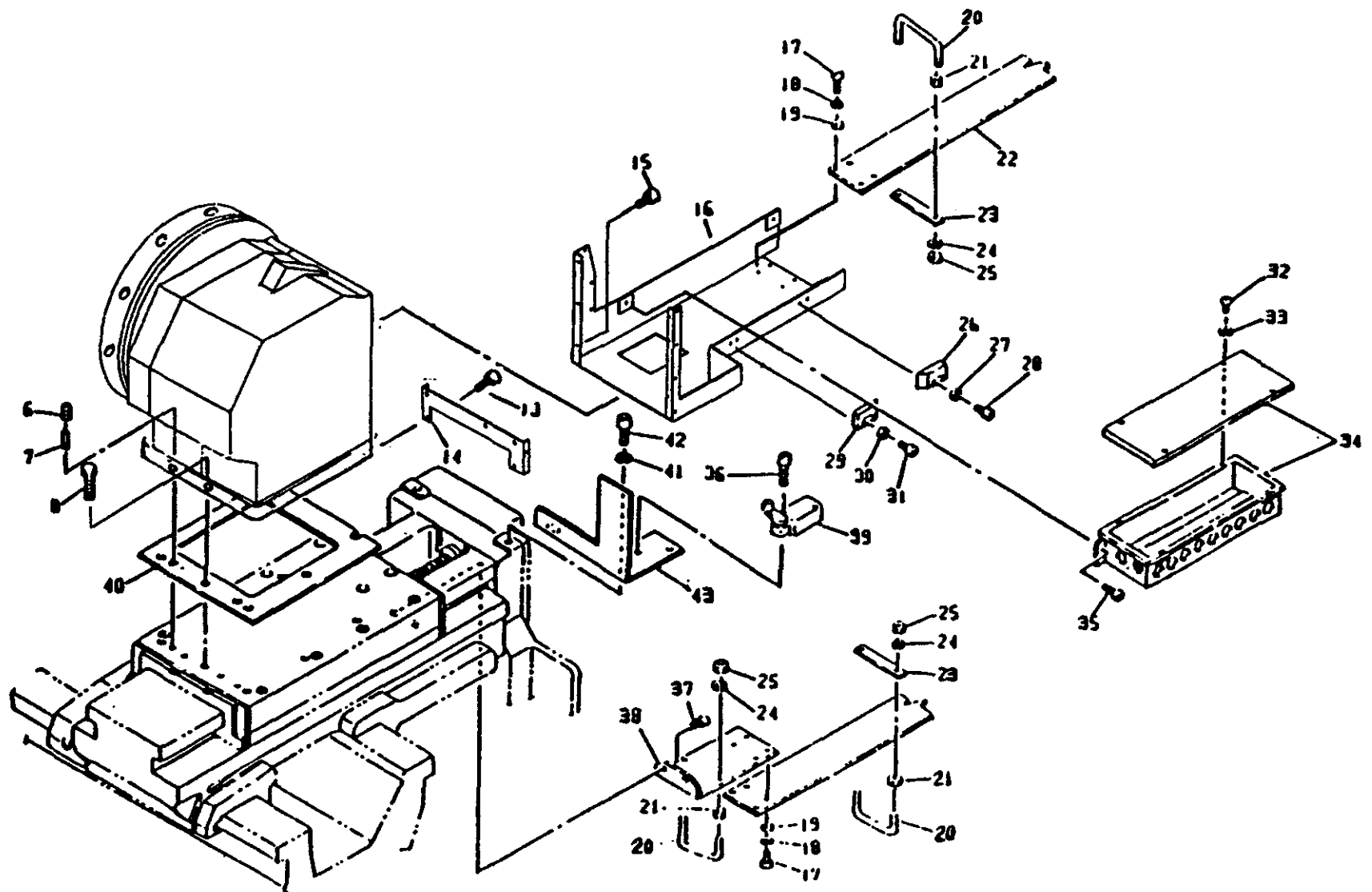
150



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
104 - 3	H1020-1117-22	PLATE	K118-5001	1
104 - 4	118-5102-31	PLATE (TAILSTOCK)	K118-5001	2
104 - 4	K118-5000-02-00	PLATE (2PCS)	K118-5001	1
104 - 5	C5010-060161	BOLT, SOCKETHEAD 6X16	K118-5001	6
104 - 6	K118-6500-28-02	SUPPORT	K118-6501	1
104 - 7	K118-6500-27-00	SUPPORT	K118-6501	1
104 - 8	C5010-080161	BOLT, SOCKETHEAD 8X16	A118X-0009	6
104 - 9	C5150-000081	WASHER, PLAIN 8	A118X-0009	6
104 - 10	118-0200-17-4	SUPPORT	A118X-0009	1
104 - 11	KW118-0200-53-00	BRACKET	A118X-0009	1
104 - 12	C5150-000121	WASHER, PLAIN 12	A118X-0009	5
104 - 13	C5000-120251	BOLT, HEXHEAD 12X25	A118X-0009	3
104 - 14	C5000-120301	BOLT, HEXHEAD 12X30	A118X-0009	2
104 - 15	118-5100-90	CAP	K118-5001	2
104 - 16	C5040-006081	SCREW, PANHEAD 6X8	K118-5001	6
104 - 17	C5040-006081	SCREW, PANHEAD 6X8	K118-6501	6
104 - 18	C5160-000061	WASHER, SPRING 6	K118-6501	6
104 - 19	C5150-000061	WASHER, PLAIN 6	K118-6501	6
104 - 20	C5010-120401	BOLT, SOCKETHEAD 12X40	K118-5001	4
104 - 21	K118-5000-05-00	DUCT	K118-5001	1
104 - 22	KW118-6000-42-00	BOLT	K118-2101	4
104 - 23	C5040-006081	SCREW, PANHEAD 6X8	K118-2101	8
104 - 24	M109-1024-49	PLATE	K118-2101	1
104 - 25	K118-6200-03-01	SUPPORT	A118X-0009	1
104 - 26	C5010-080121	BOLT, SOCKETHEAD 8X12	A118X-0009	4
104 - 27	C5100-000051	NUT, HEX 5	K118-2101	10
104 - 28	118-6000-43-1	PLATE	K118-2101	6
104 - 29	C5010-060101	BOLT, SOCKETHEAD 6X10	K118-2101	2
104 - 30	118-6000-45	SUPPORT	K118-2101	1
104 - 31	118-6000-44	JOINT	K118-2101	1
104 - 32	C5010-080201	BOLT, SOCKETHEAD 8X10	K118-2101	2
104 - 33	118-6000-40-3	SUPPORT	K118-2101	1
104 - 34	K118-6200-04-00	SUPPORT	K118-2101	1
104 - 35	C5010-060101	BOLT, SOCKETHEAD 6X10	K118-2101	2
104 - 36	C5160-000041	WASHER, SPRING 4	A118X-0009	8
104 - 37	C5140-000041	WASHER, PLAIN 4	A118X-0009	8
104 - 38	118-9600-26	CLAMP	K118-3001	1

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
104 - 39	C5140-000061	WASHER, PLAIN 6	K118-3001	2
104 - 40	C5010-060101	BOLT, SOCKETHEAD 6X10	K118-3001	2

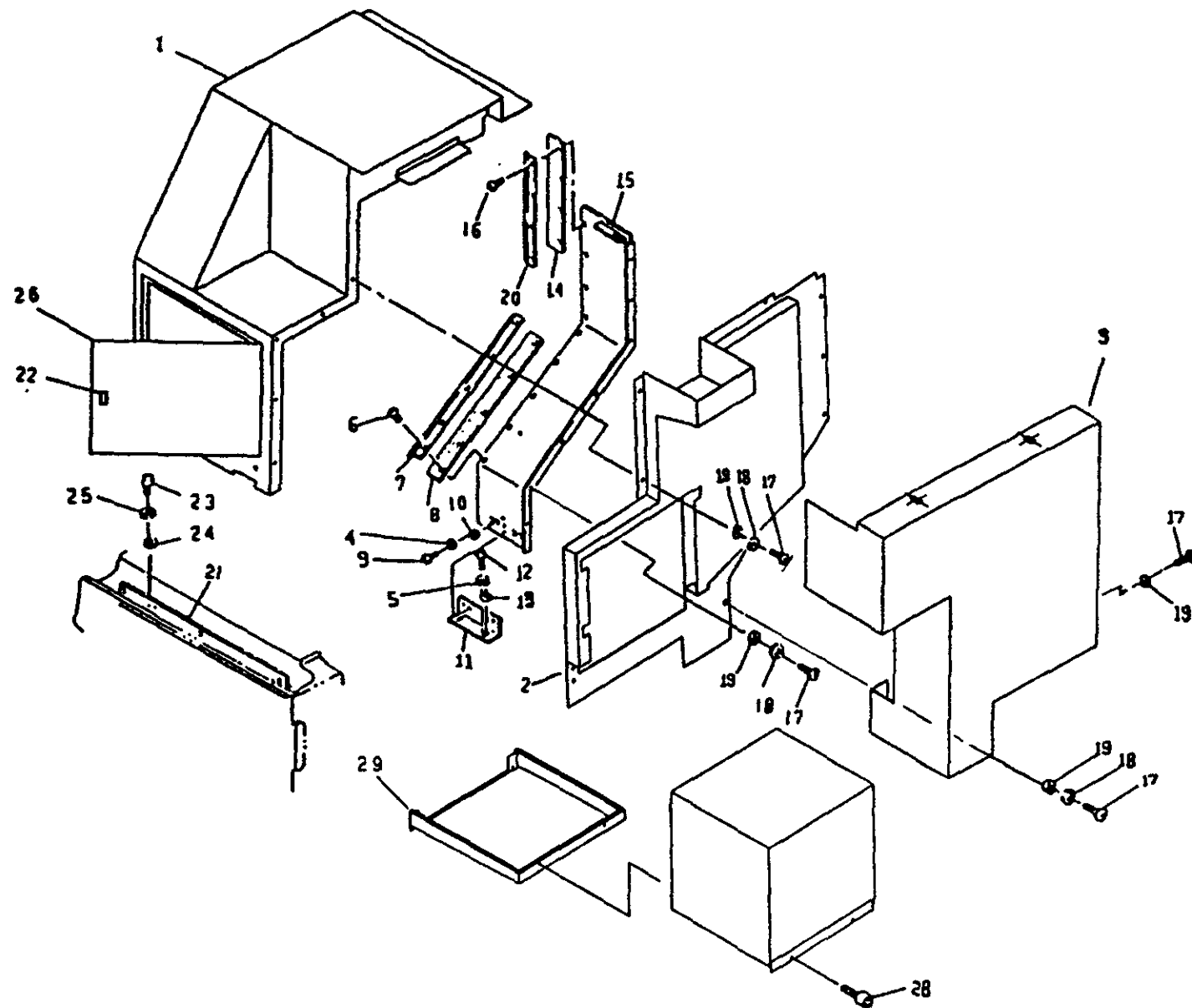
152



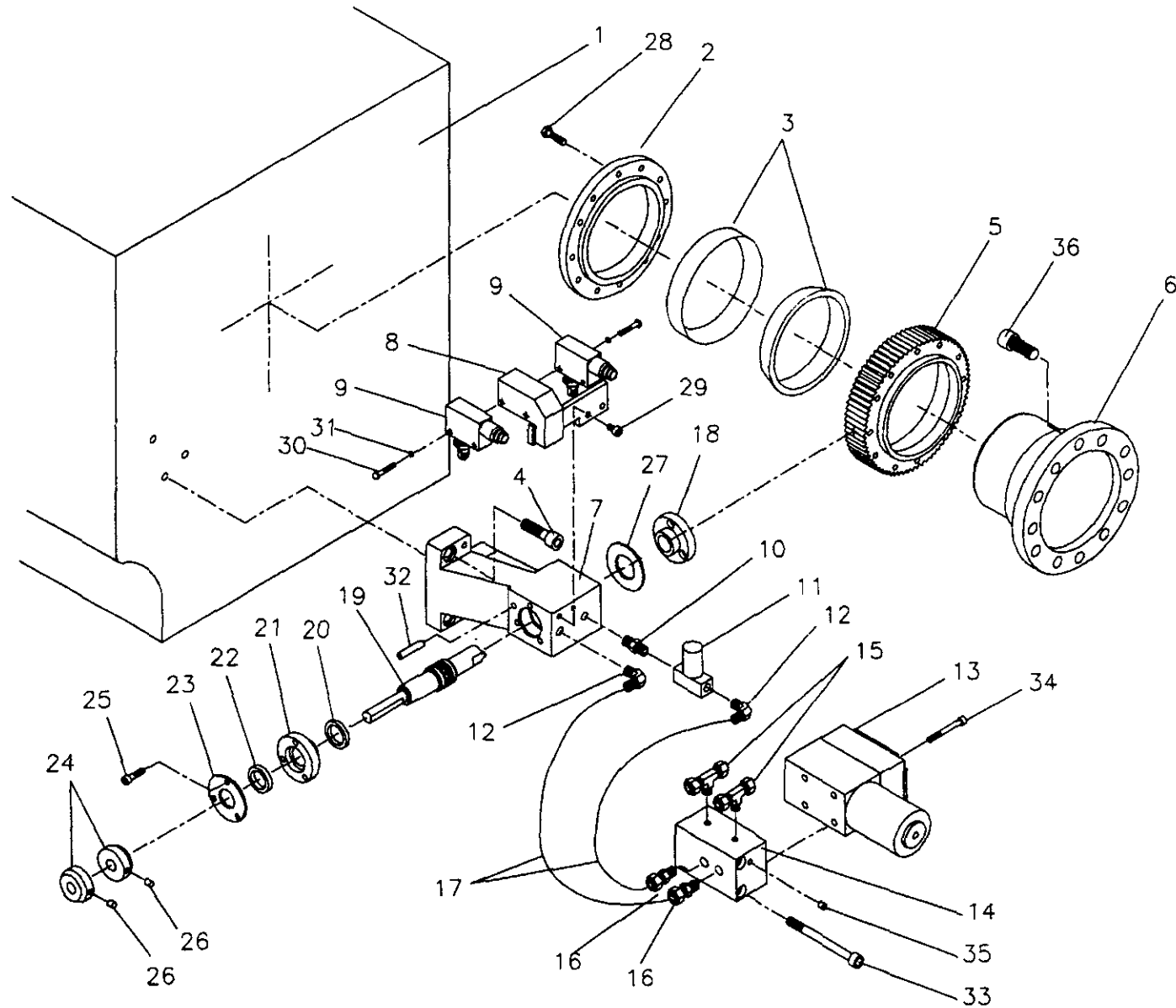
INDEX	PART NO.	DESCRIPTION	UNIT	QTY

SHEET NO. 106      COVERS (2) TAILSTOCK

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INDEX	PART NO.	DESCRIPTION	UNIT	QTY



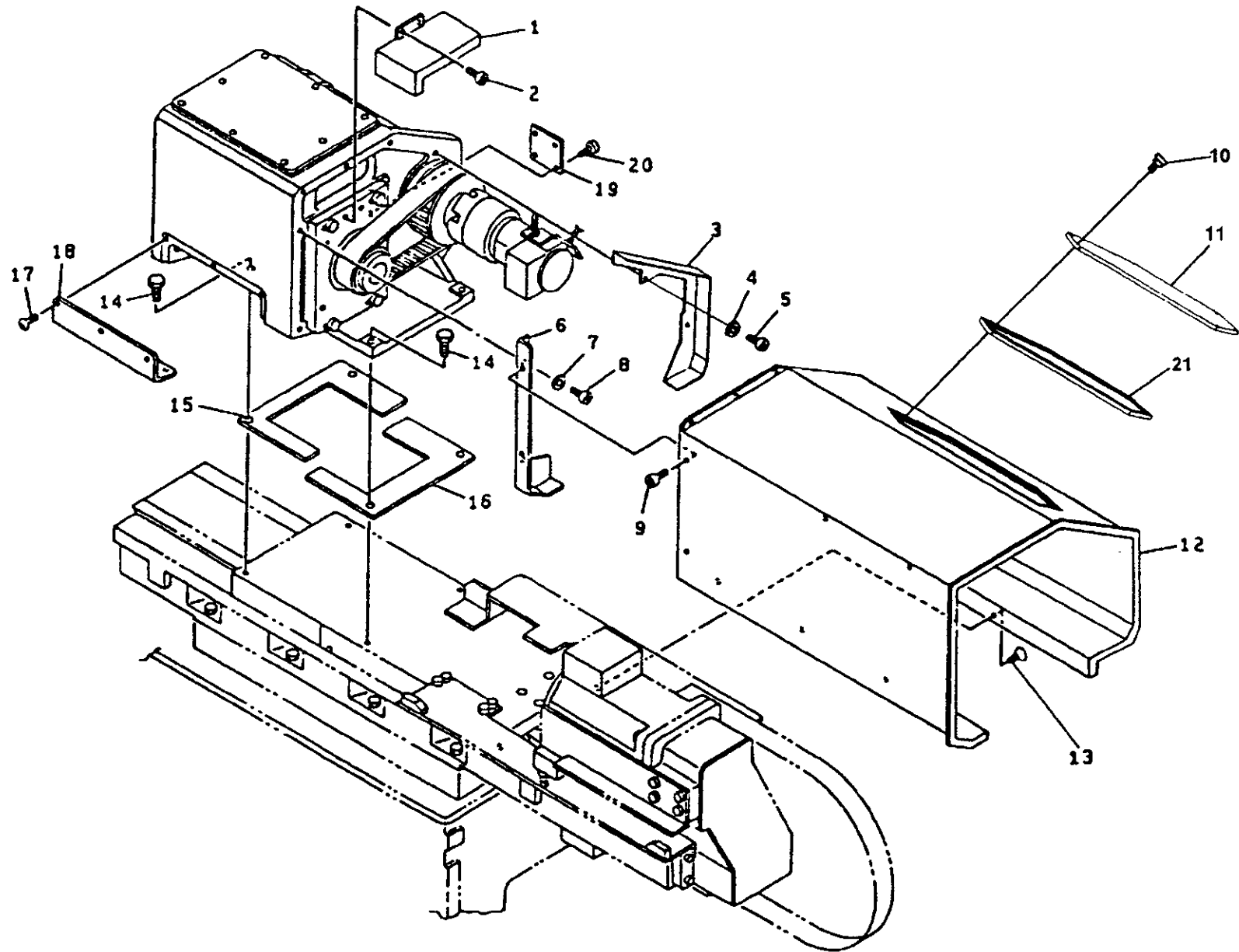


INDEX	PART NO.	DESCRIPTION	UNIT	QTY

## SUB-SPINDLE GROUP

SUB-SPINDLE INSTALLATION .....	159
SUB-SPINDLE ASSEMBLY (1) .....	161
SUB-SPINDLE ASSEMBLY (2) .....	163
HYDRAULIC HOLLOW CHUCK AND CYLINDER .....	165
W-AXIS STROKE SWITCH .....	167
W-AXIS CABLE DUCT .....	169
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W-AXIS CROSS-SLIDE INSTALLATION .....	173
W-AXIS BALL SCREW .....	175
COVERS AND ARM .....	177
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SHEET NO. 131 SUB-SPINDLE INSTALLATION

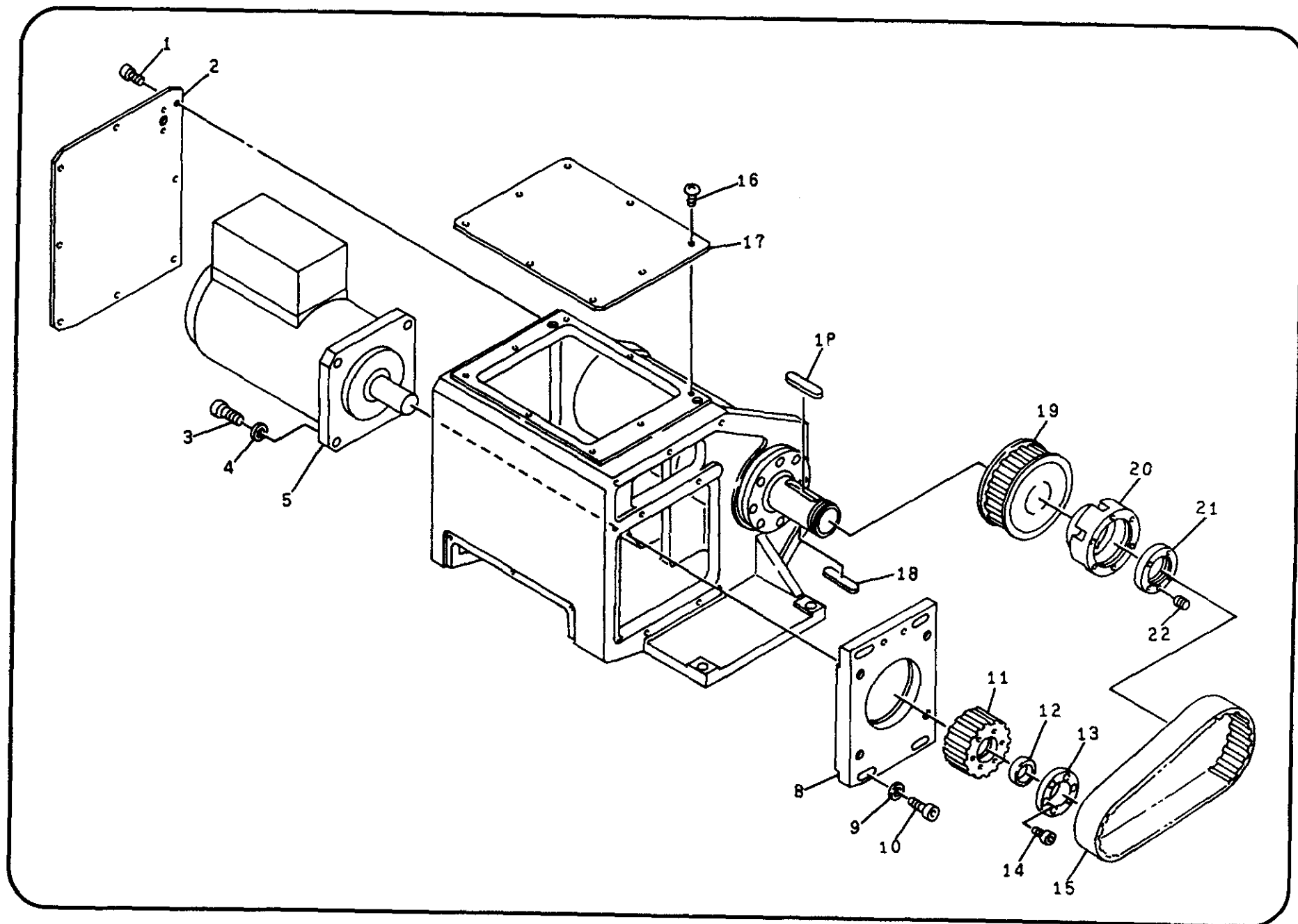


159

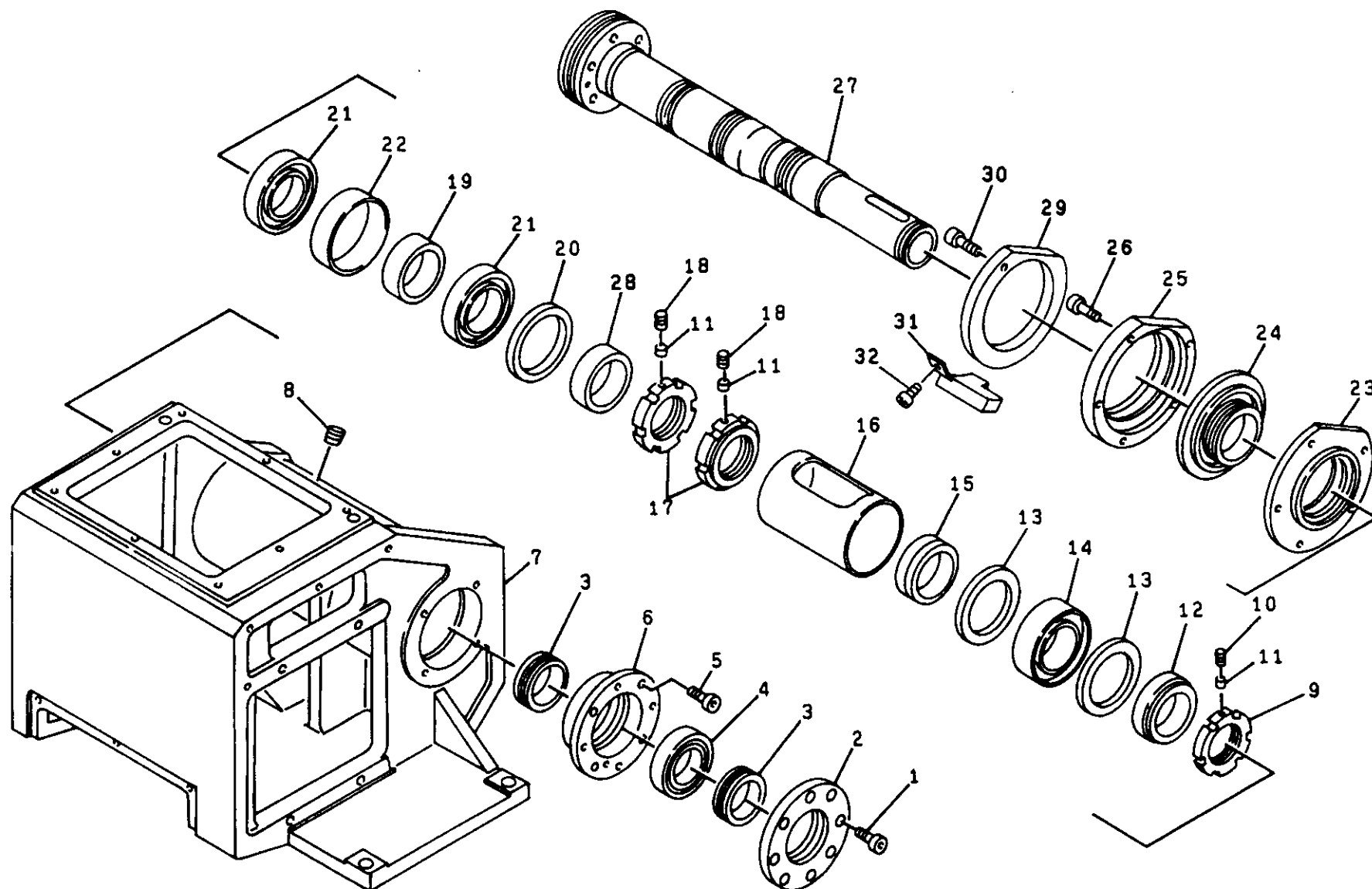
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

SHEET NO. 132 SUB-SPINDLE ASSEMBLY (1)

161



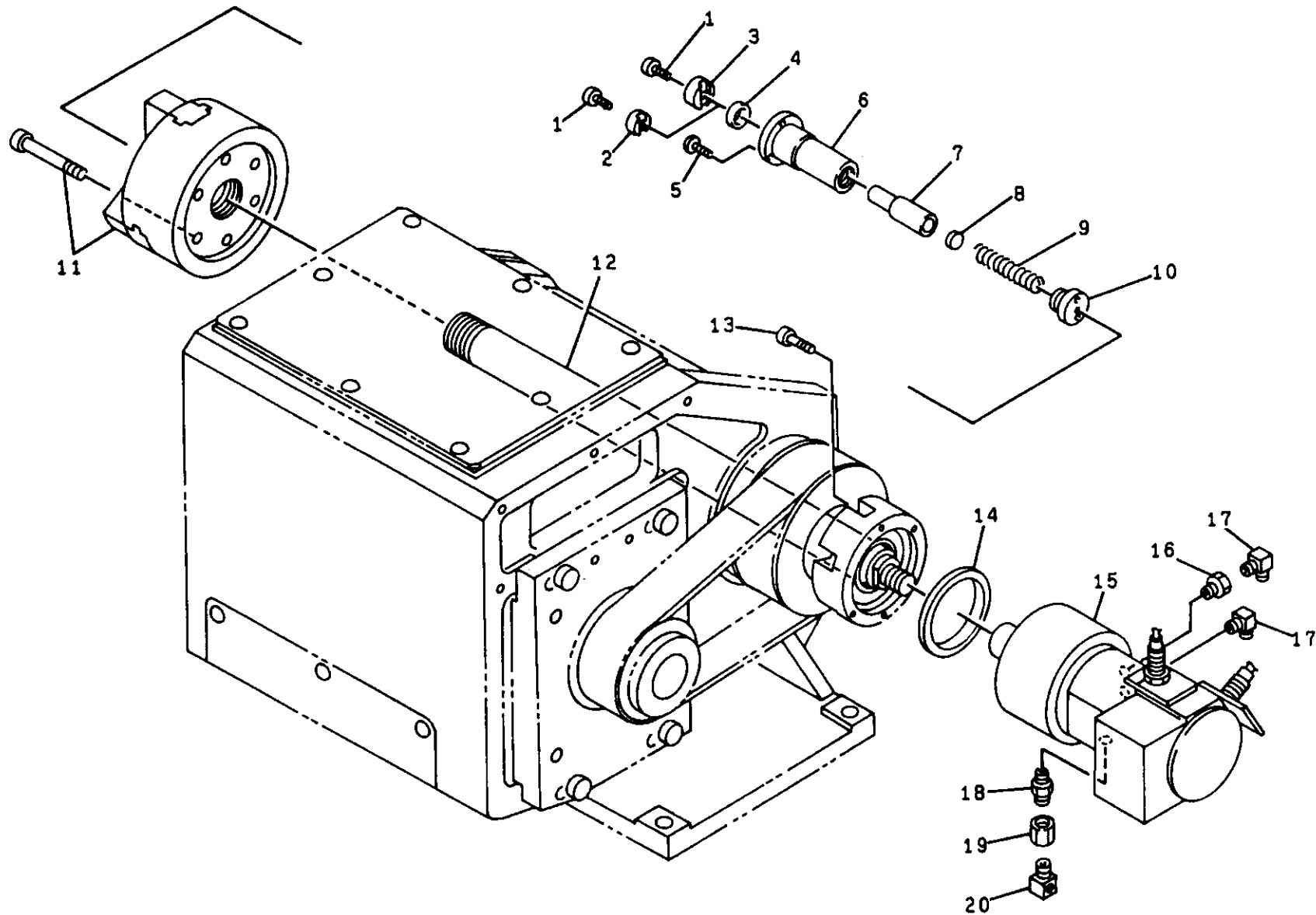
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.



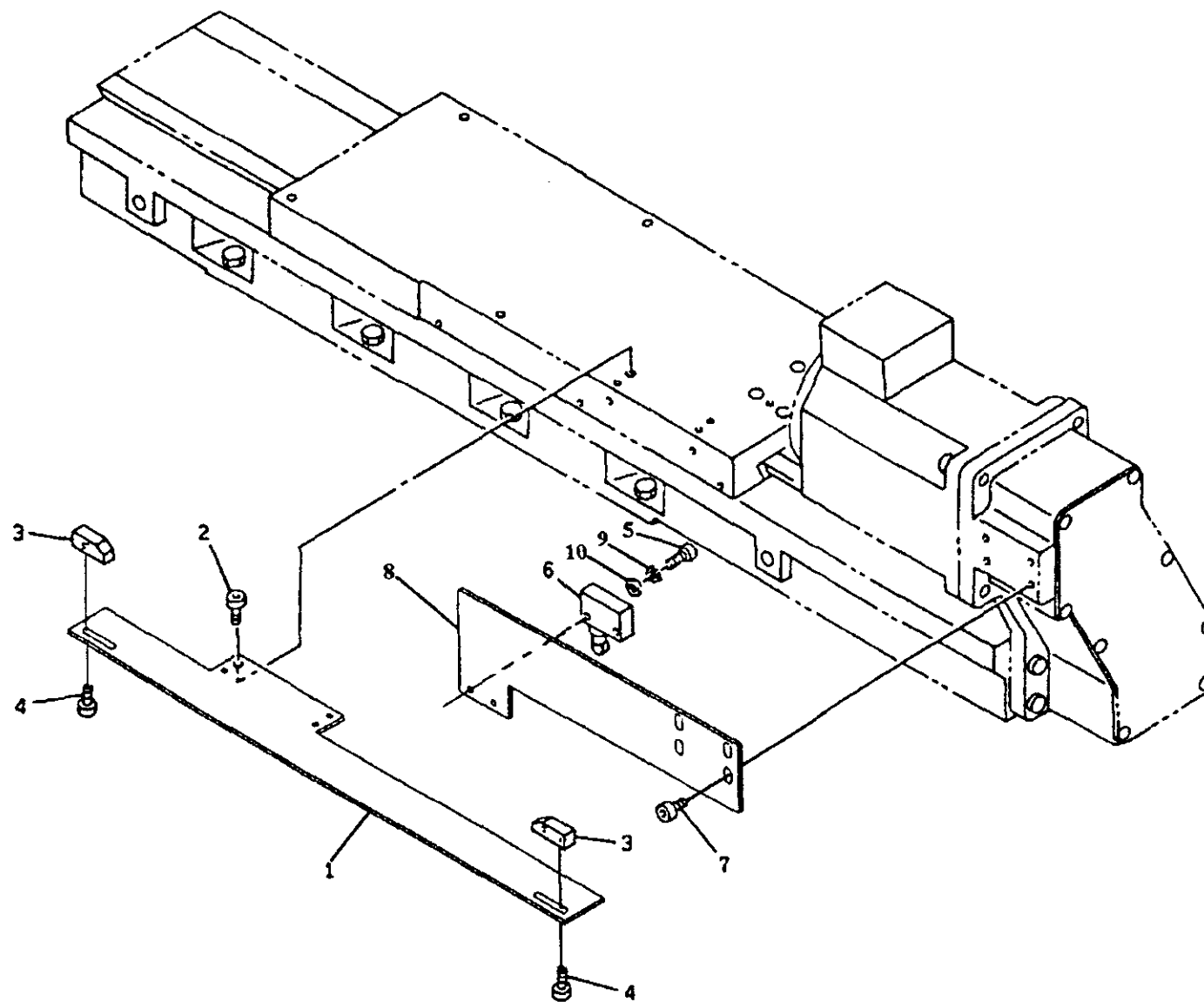
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.



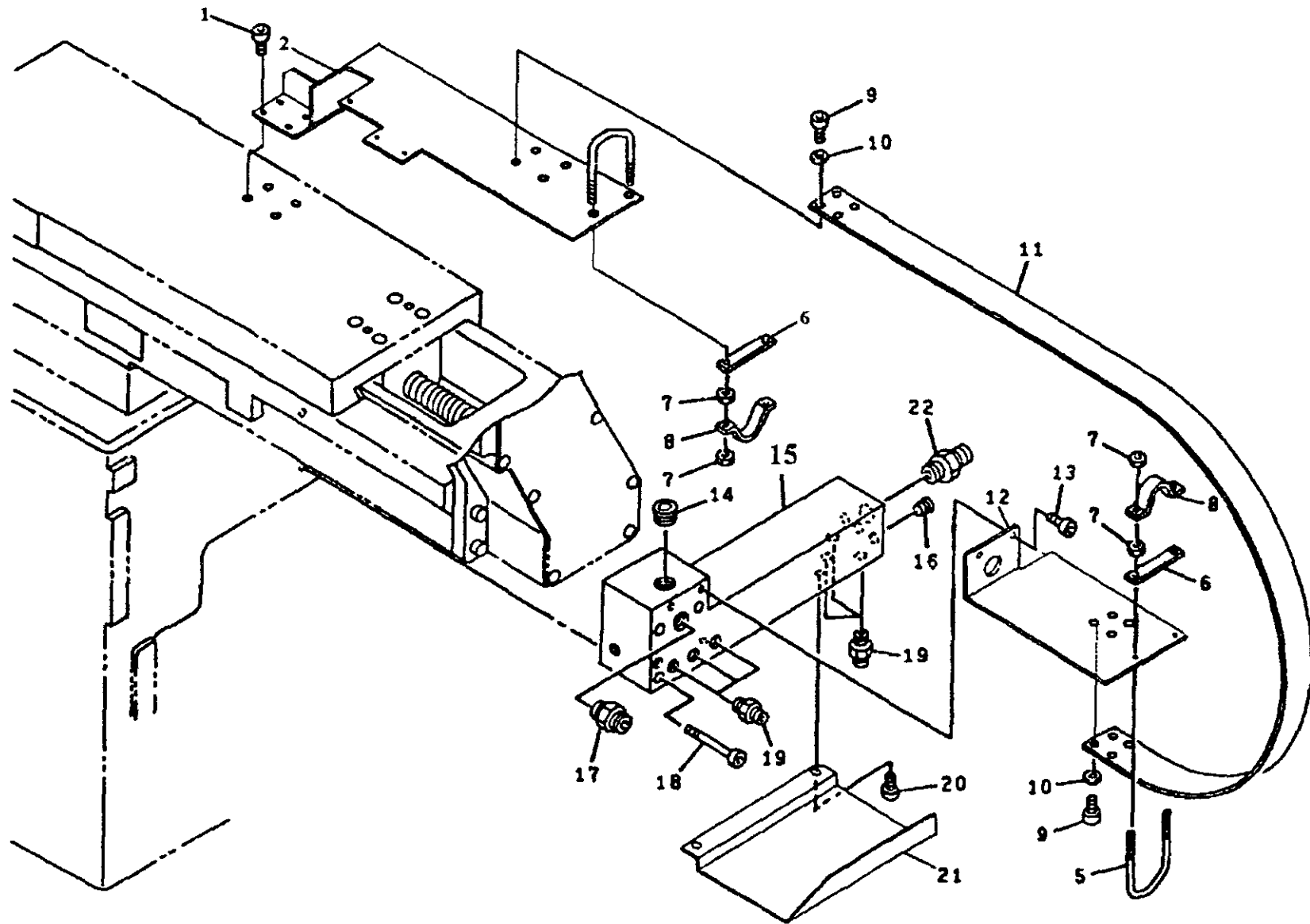
165



**OKUMA MACHINE TOOLS, INC.**

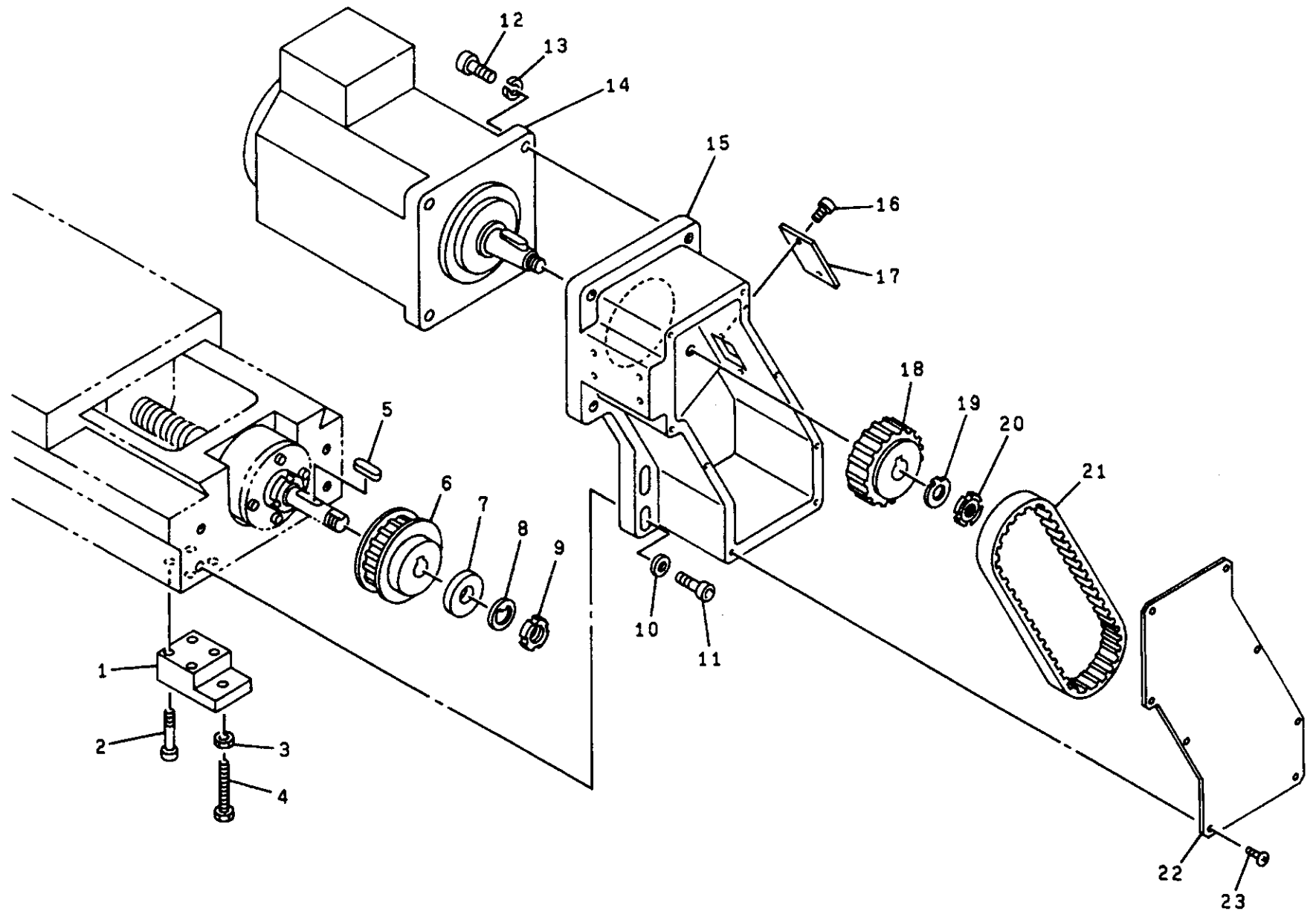


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.



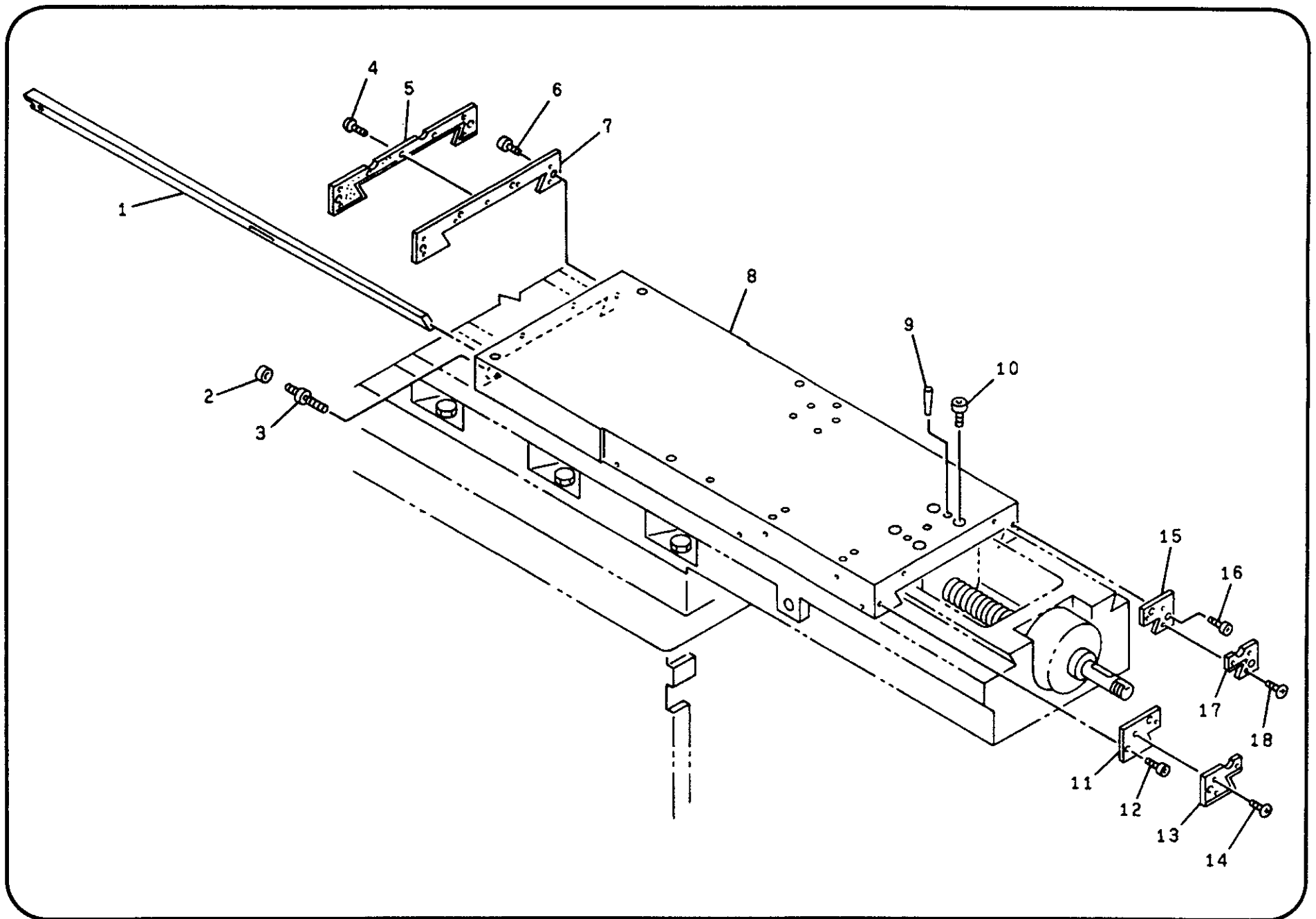
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

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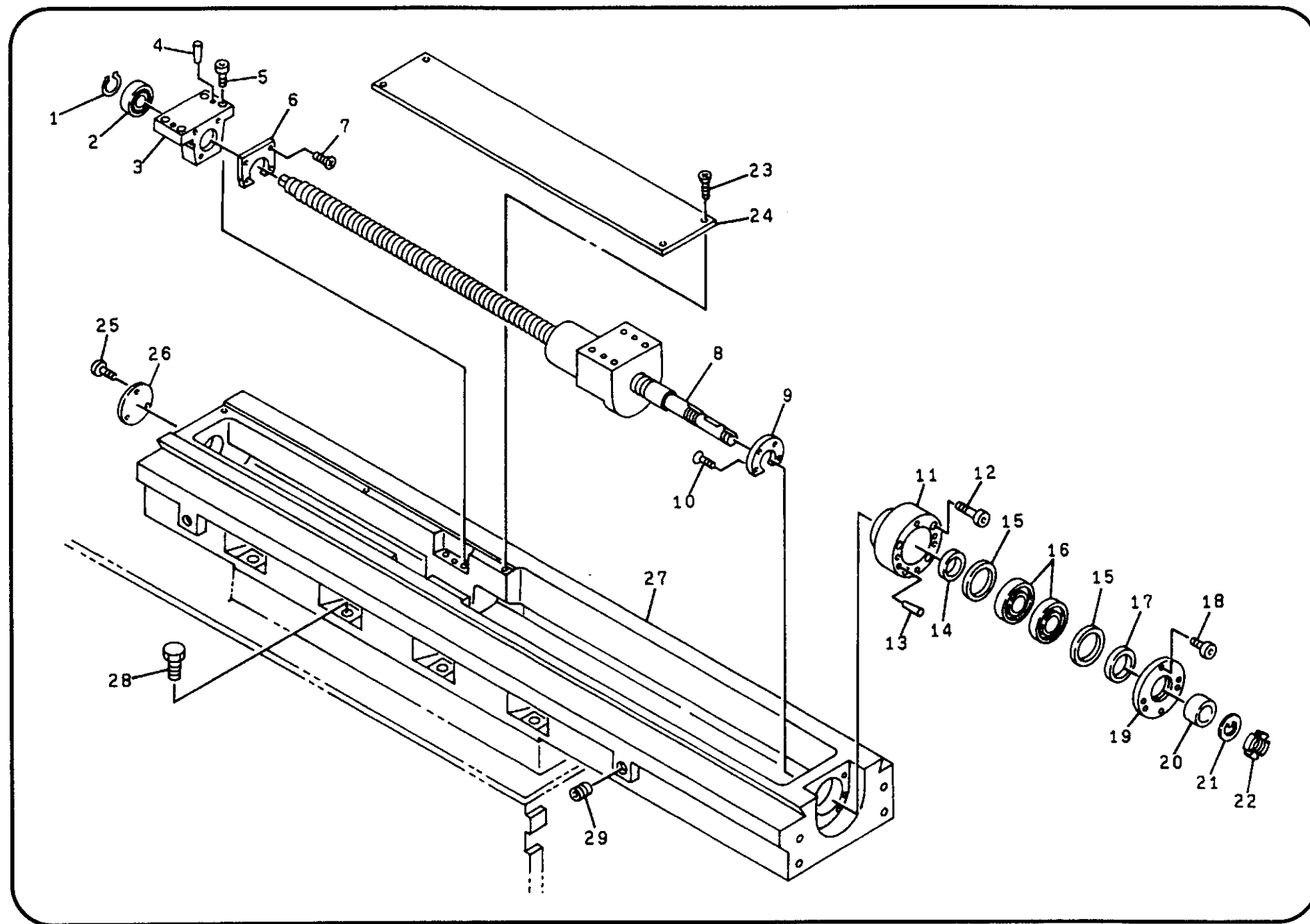
**OKUMA MACHINE TOOLS, INC.**





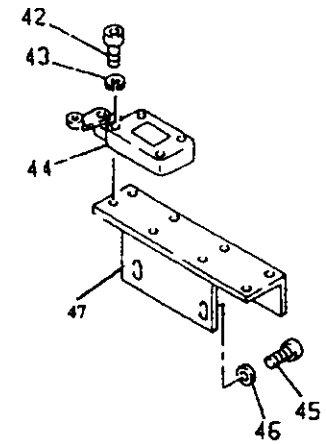
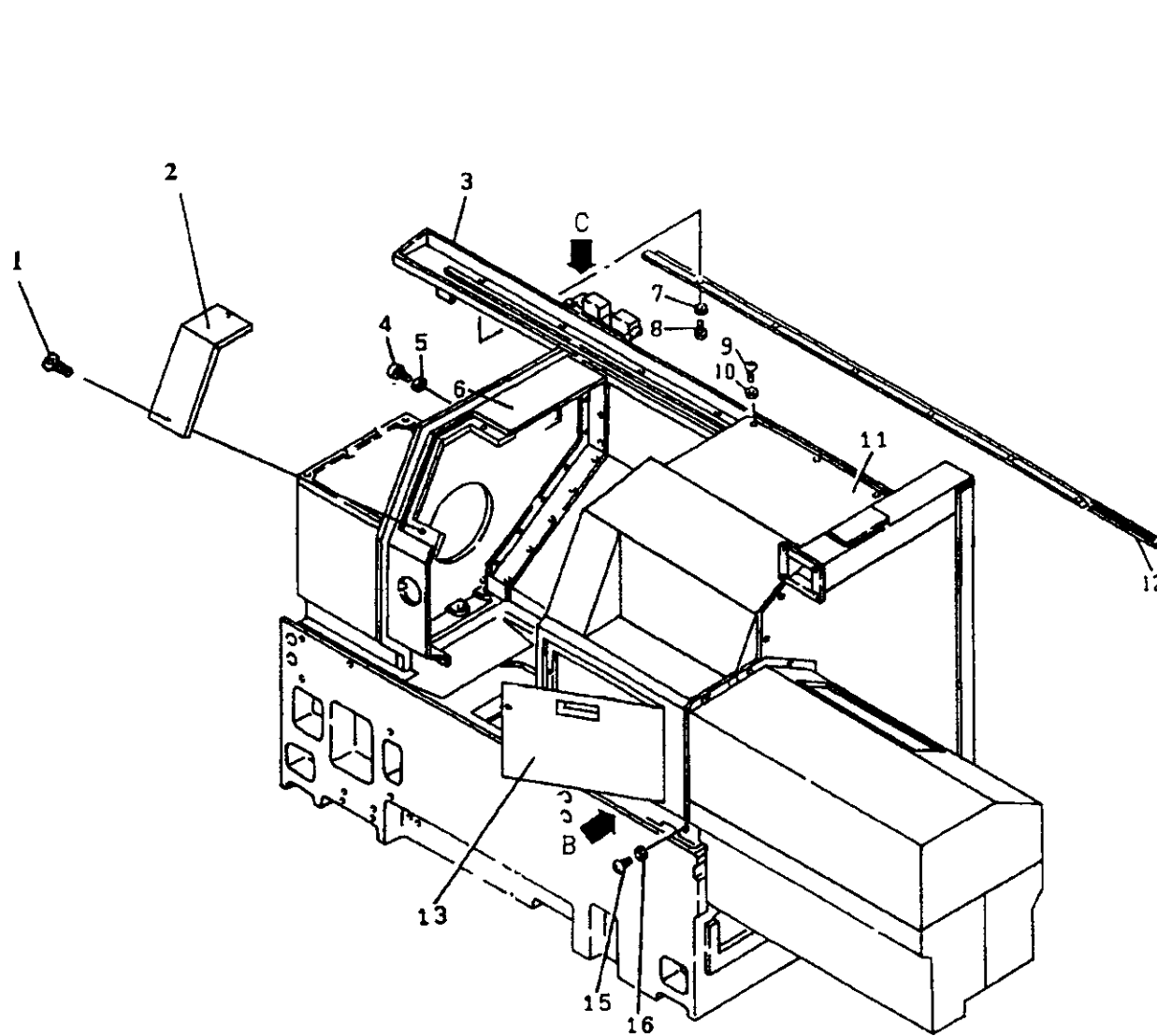


175

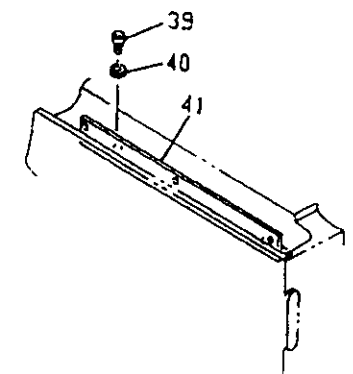


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

177



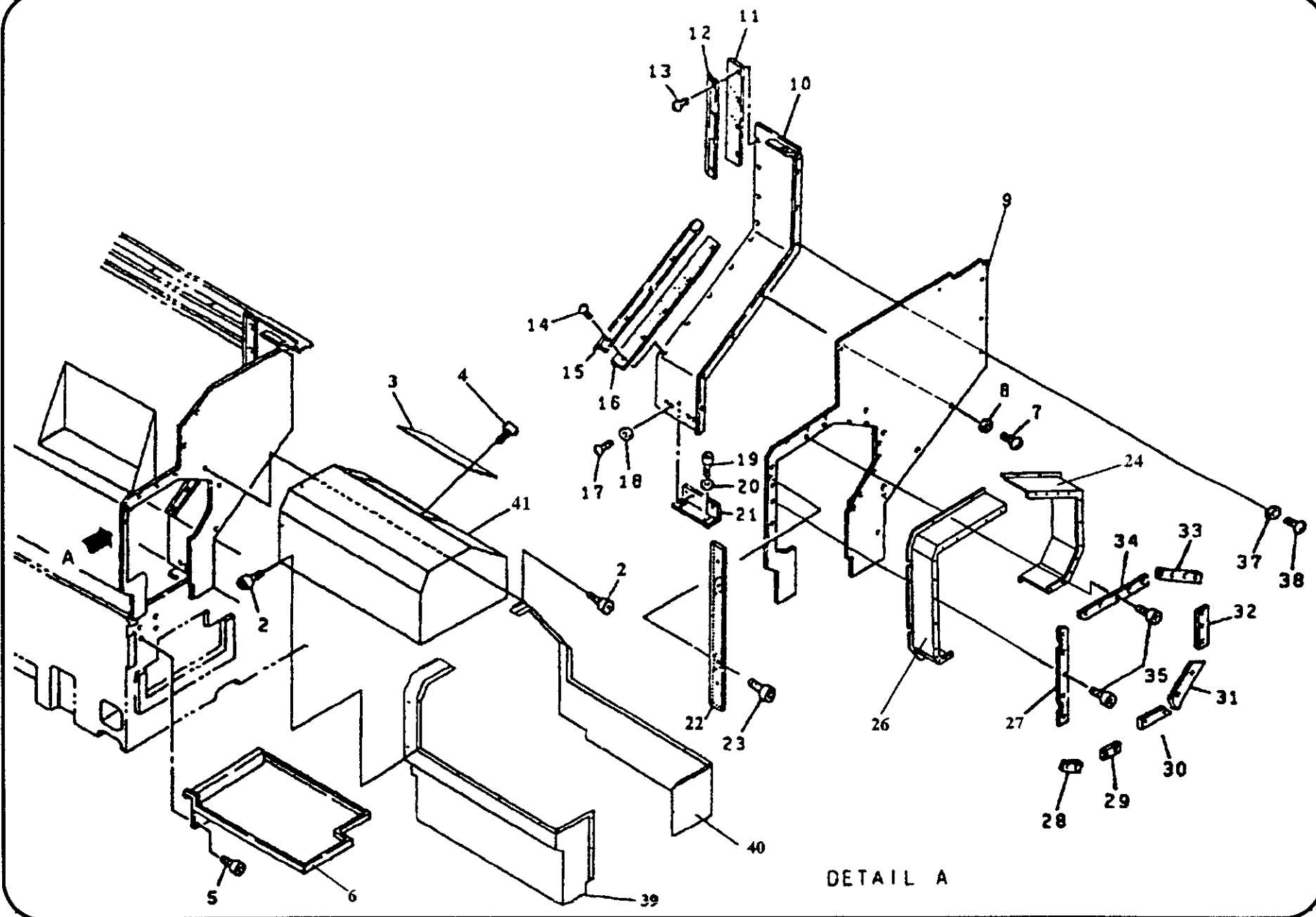
DETAIL C



DETAIL B

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

179



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
156 - 2	C5010-060101	BOLT, SOCKETHEAD 6X10	K118-9024	7
156 - 3	113-5204-23	COVER	K118-9024	1
156 - 4	C5040-006101	SCREW, PANHEAD 6X10	K118-9024	4
156 - 5	C5010-080141	BOLT, SOCKETHEAD 8X14	K118-9024	4
156 - 6	K118-9001-33-03	PAN	K118-9024	1
156 - 7	C5010-006101	BOLT, SOCKETHEAD 6X10	K118-9024	9
156 - 8	C5150-000061	WASHER, PLAIN 6	K118-9024	9
156 - 9	K118-6501-01-02	COVER	K118-9024	1
156 - 10	K118-6500-84-00	COVER	K118-9024	1
156 - 11	H1020-1046-10-2	WIPER 60X392X4	K118-9024	1
156 - 12		PLATE	K118-9024	1
156 - 13	C5040-005101	SCREW, PANHEAD 5X10	K118-9024	4
156 - 14	C5040-005101	SCREW, PANHEAD 5X10	K118-9024	5
156 - 15		PLATE	K118-9024	1
156 - 16	H1020-1046-09-2	WIPER 60X540X4	K118-9024	1
156 - 17	C5040-006101	SCREW, PANHEAD 6X10	K118-9024	4
156 - 18	C5150-000061	WASHER, PLAIN 6	K118-9024	4
156 - 19	C5010-080161	BOLT, SOCKETHEAD 8X16	K118-9024	2
156 - 20	C5140-000081	WASHER, POLISHED 8	K118-9024	2
156 - 21	K118-6500-85-00	SUPPORT	K118-9024	1
156 - 22	K118-9001-39-00	HOLDER	K118-9024	1
156 - 23	C5010-060101	BOLT, SOCKETHEAD 6X10	K118-9024	2
156 - 24	K118-6501-62-00	COVER	K118-9024	1
156 - 26	K118-6501-61-00	WIPER	K118-9024	1
156 - 27	KM1-0806-00	WIPER	K118-9024	1
156 - 28	KM1-0807-00	WIPER	K118-9024	1
156 - 29	KM1-0808-00	WIPER	K118-9024	1
156 - 30	KM1-0801-00	WIPER	K118-9024	1
156 - 31	KM1-0802-00	WIPER	K118-9024	1
156 - 32	KM1-0803-00	WIPER	K118-9024	1
156 - 33	KM1-0804-00	WIPER	K118-9024	1
156 - 34	KM1-0805-00	WIPER	K118-9024	1
156 - 35	C5010-060101	BOLT, SOCKETHEAD 6X10	K118-9024	25
156 - 37	C5150-000061	WASHER, PLAIN 6	K118-9024	4

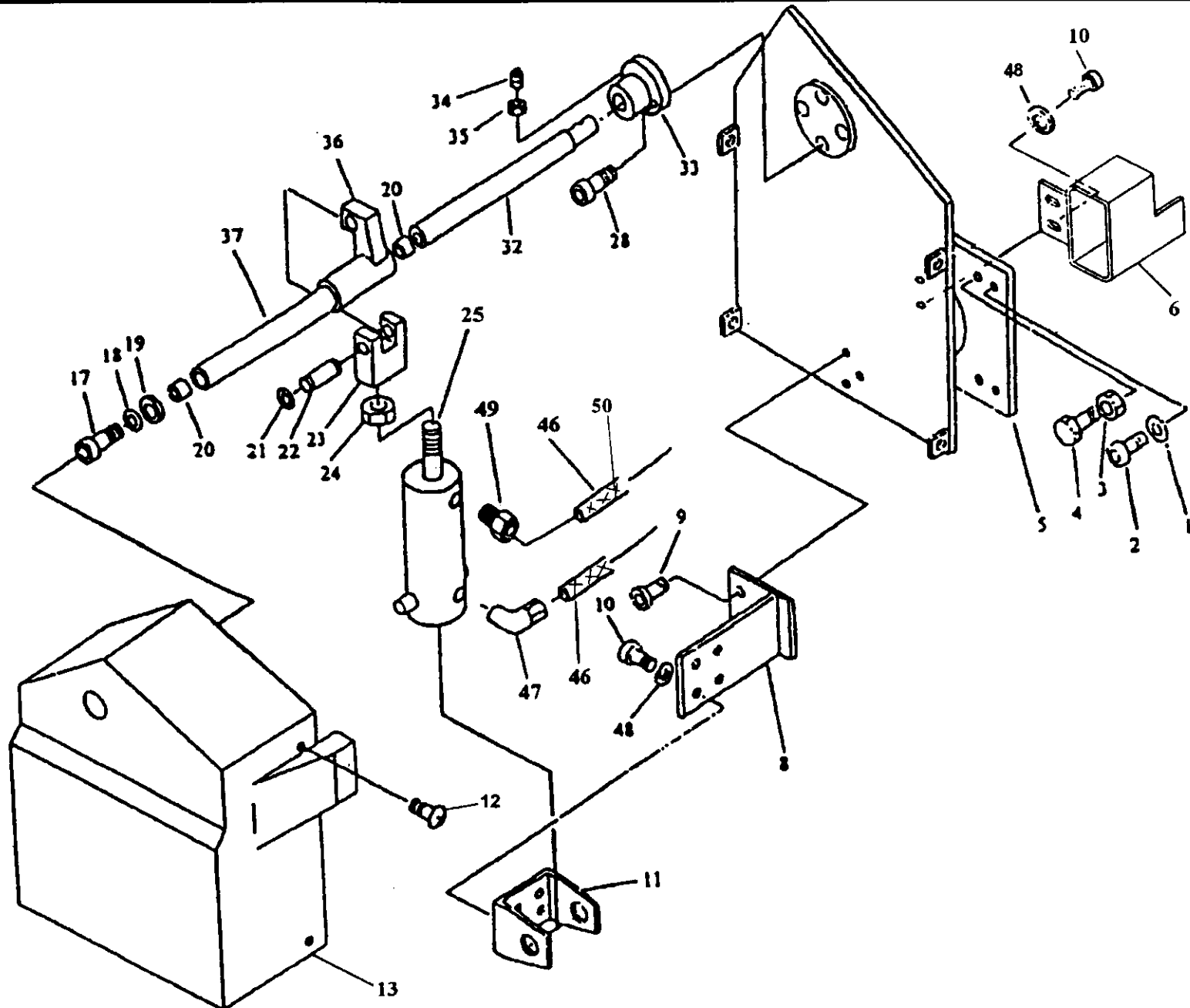
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
156 - 38	C5040-006101	SCREW, PANHEAD 6X10	K118-9024	4
156 - 39	K118-6501-05-01	COVER	K118-9024	1
156 - 40	K118-6501-06-01	COVER	K118-9024	2
156 - 41	K118-6501-04-01	COVER	K118-9024	1



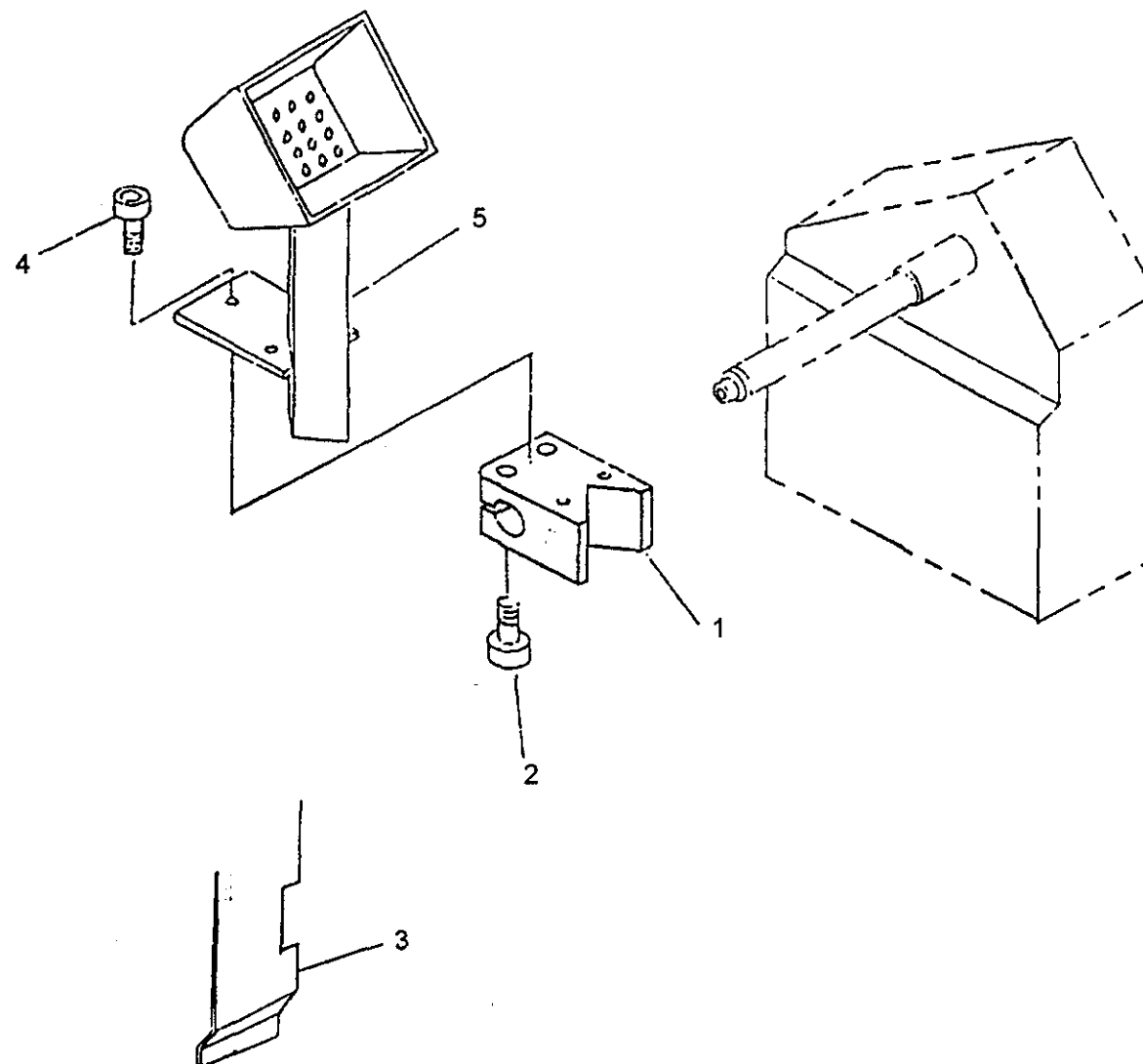
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PARTS CATCHER (3) .....	186
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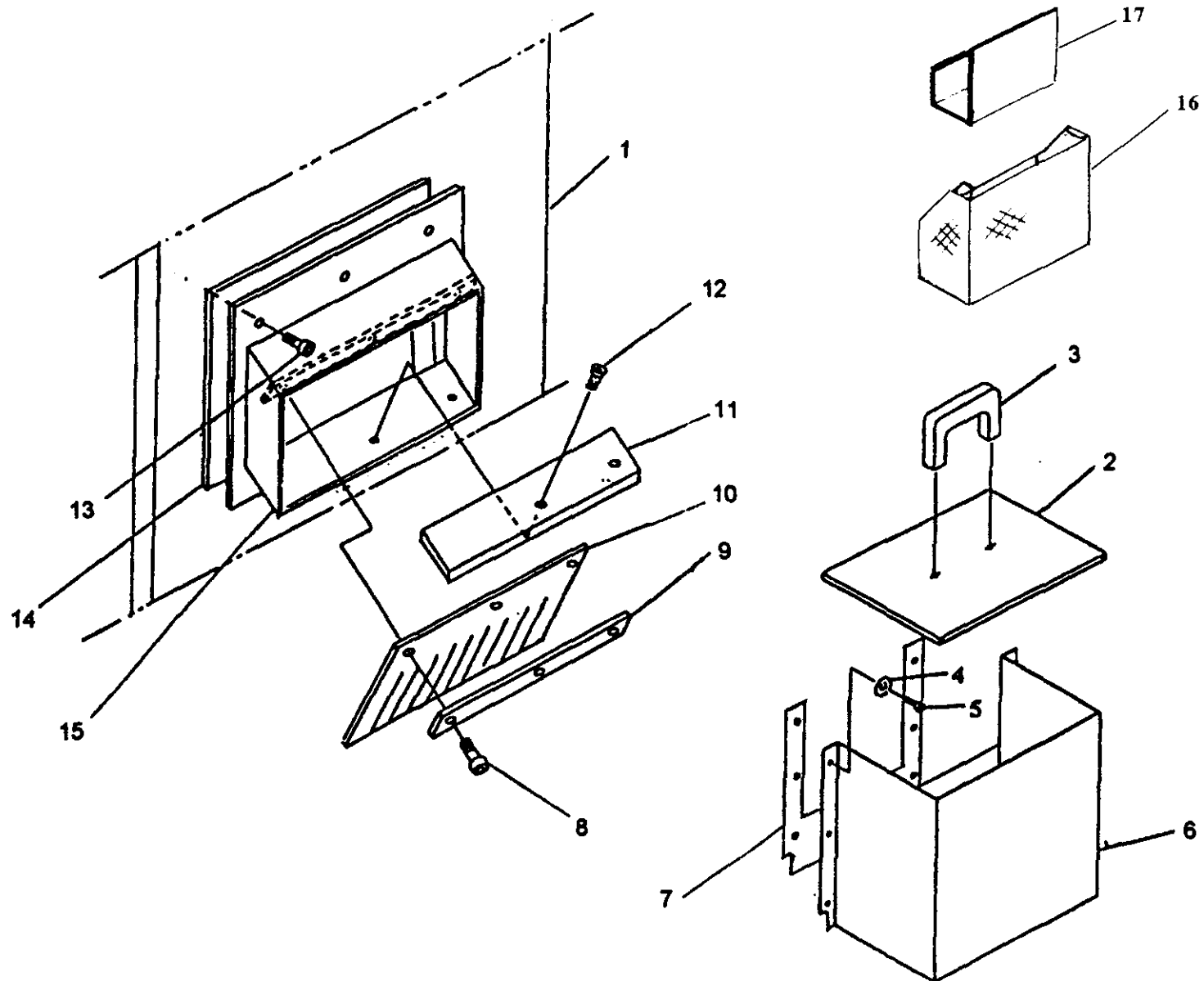
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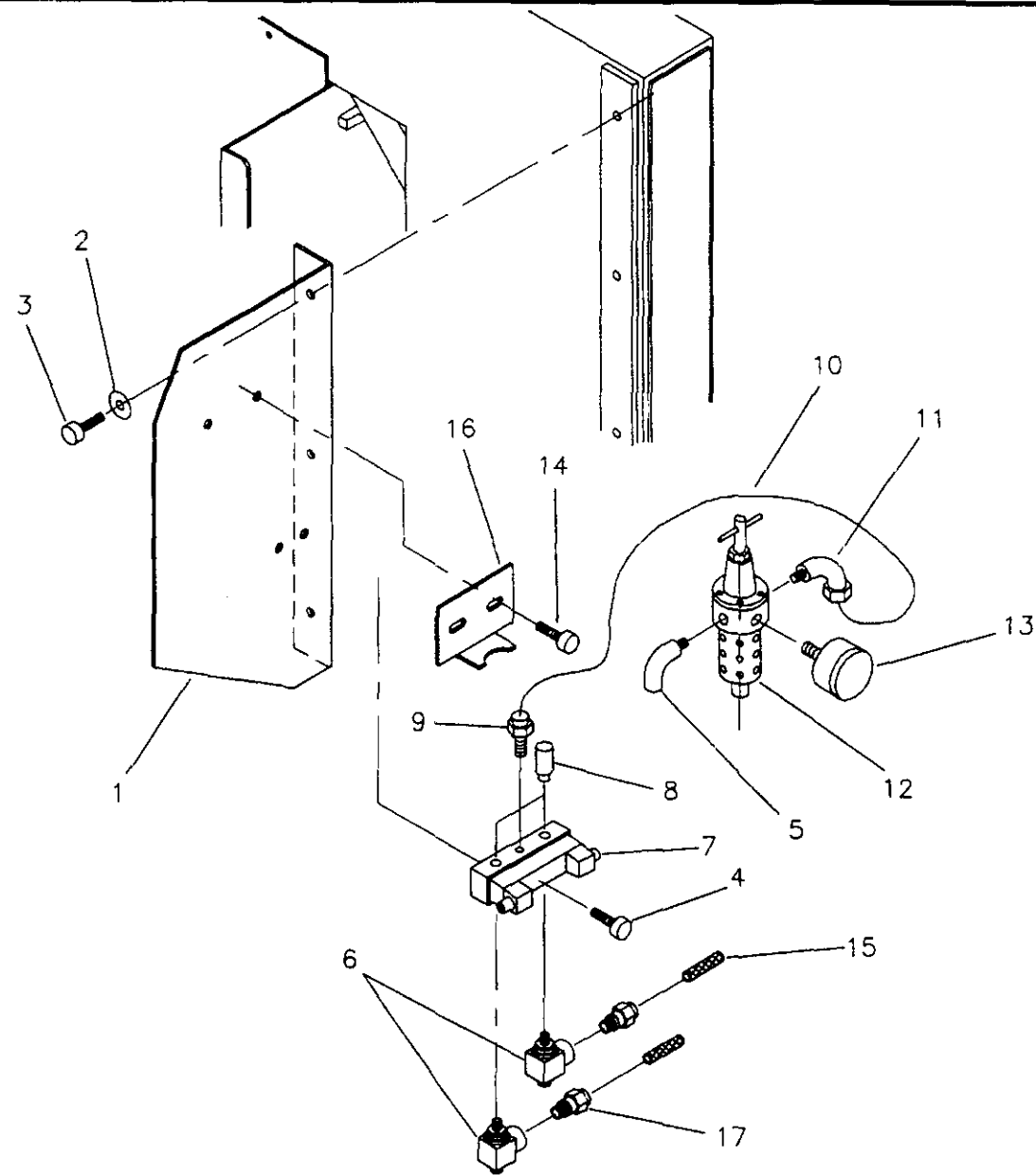
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

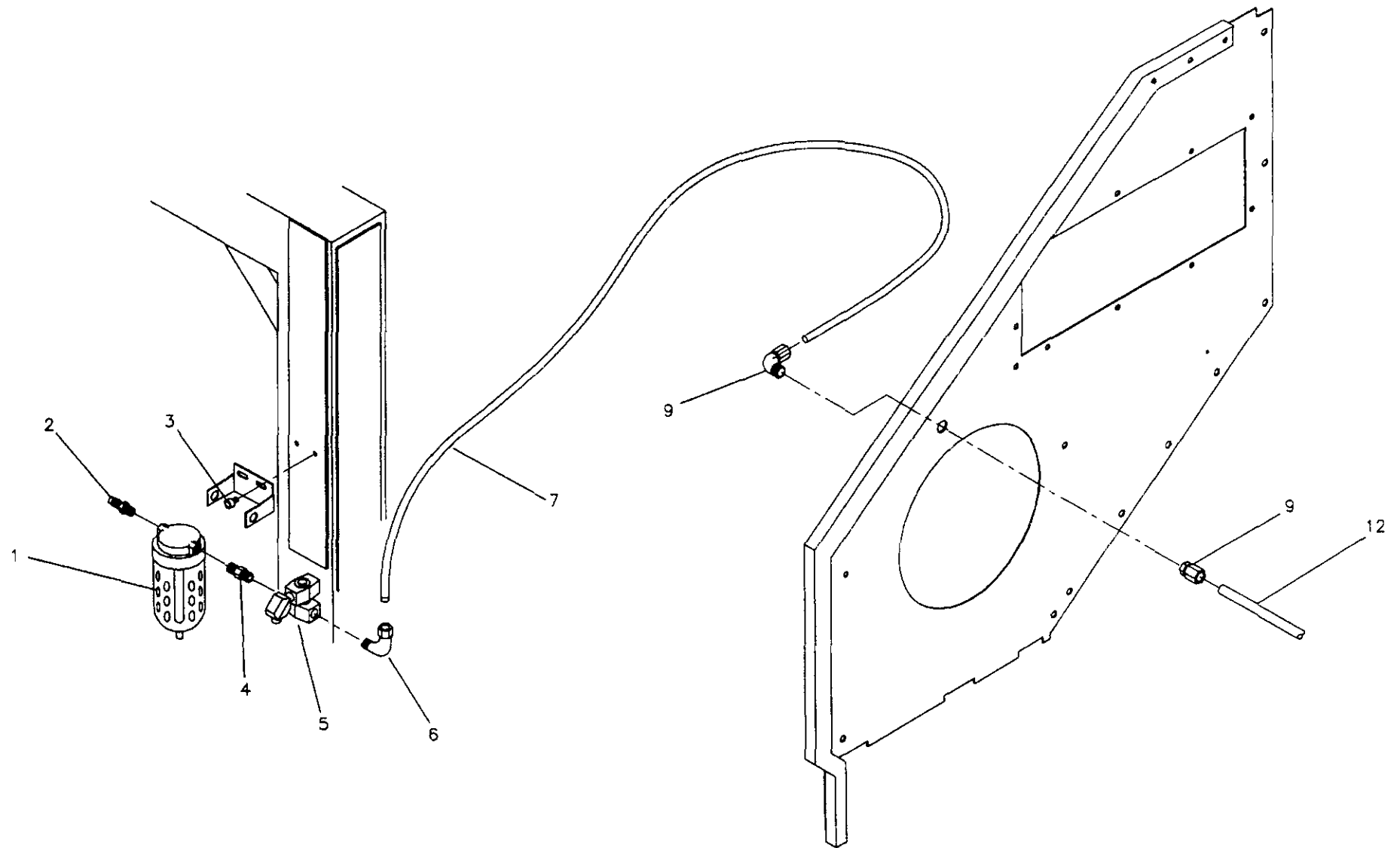




INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
163 - 1	K118-9003-53-00	AIR PANEL	K118-9115	1
163 - 2	C5140-000081	WASHER 8	K118-9115	2
163 - 3	C5010-080161	BOLT 8X16	K118-9115	2
163 - 4	C5010-050351	BOLT, SHCS 5X35	K118-9115	2
163 - 5	KF0-1260-00	STREET ELBOW 1/4	K118-9115	1
163 - 6	KF0-1350-00	VALVE, FLOW CONTROL	K118-9115	2
163 - 7	KF0-1254-00	VALVE, SOL.	K118-9115	1
163 - 8	KF0-1257-00	MUFFLER	K118-9115	2
163 - 9	KF0-1255-00	FITTING, 1/4 X 5/16	K118-9115	1
163 - 10	F1233	NYLON TUBE 5/16", L=300	K118-9115	1
163 - 11	KF0-1256-00	ELBOW, 1/4 X 5/16	K118-9115	1
163 - 12	KF0-1258-00	FILTER-REGULATOR	K118-9115	1
163 - 13	KF0-1347-00	GAGE	K118-9115	1
163 - 14	C5010-050101	BOLT, SHCS 5X10	K118-9115	2
163 - 15	KM0-0816-00	FLEX BRAID (M.C.#5537K26 1/4)	K118-9115	4
163 - 16	KM0-1259-00	BRACKET	K118-9115	1
163 - 17	KF0-1255-00	FITTING, 1/4 X 5/16	K118-9115	2

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

190



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.

**OKUMA LNC8**

PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.
100-5803-00	98 - 21	1	113-5206-02-1	132 - 17	1	118-1000-05-5	11 - 34	1	118-1200-19-4	12 - 28	1	118-2000-08-2	28 - 5	2
101-0300-13-1	32 - 2	2	117-0110-06-2	13 - 16	1	118-1000-09-1	3 - 14	2	118-1200-20-2	15 - 30	1	118-2000-10-7	28 - 15	1
101-0300-14	32 - 1	2	117-0200-08-2	29 - 7	2	118-1000-09-1	13 - 10	2	118-1200-20-2	16 - 34	1	118-2000-12-3	28 - 36	1
108-0014-04-2	25 - 28	8	118-0000-02-13	25 - 5	1	118-1000-10-6	107 - 1	1	118-1200-21-1	15 - 19	1	118-2000-13	93 - 17	1
108-0014-04-2	103 - 28	8	118-0000-04	1 - 15	2	118-1000-11-6	1 - 4	1	118-1200-21-1	16 - 23	1	118-2000-14	29 - 22	1
108-0301-17-1	32 - 11	1	118-0000-04	3 - 17	2	118-1000-11-6	3 - 3	1	118-1200-23-1	10 - 17	1	118-2000-16-3	29 - 24	1
108-0301-17-1	138 - 3	1	118-0100-29-9	1 - 19	1	118-1000-15-6	1 - 1	1	118-1200-23-1	12 - 17	1	118-2000-21-2	28 - 33	1
108-0301-18-2	32 - 10	1	118-0100-32-3	3 - 7	1	118-1000-15-6	10 - 39	1	118-1200-24-7	10 - 24	1	118-2000-22	28 - 41	1
108-0301-18-2	138 - 2	1	118-0100-33-1	3 - 6	4	118-1005-04-1	16 - 12	1	118-1200-24-7	12 - 24	1	118-2000-23-4	28 - 32	1
112-0111-15-3	13 - 31	1	118-0100-33-1	5 - 6	2	118-1005-06-5	12 - 39	1	118-1200-30	10 - 21	1	118-2000-28-2	29 - 18	1
112-0112-02-2	13 - 6	1	118-0100-53-2	4 - 5	1	118-1100-01-8	9 - 30	1	118-1200-30	12 - 21	1	118-2000-35-4	32 - 14	1
112-0112-07-2	7 - 2	1	118-0200-16	25 - 11	2	118-1100-01-8	11 - 30	1	118-1205-03	15 - 26	1	118-2000-36-1	32 - 8	1
112-3352-03-1	99 - 19	1	118-0200-16	103 - 11	2	118-1100-28	9 - 2	1	118-1205-03	16 - 30	1	118-2000-37	32 - 17	1
112-6132-15	24 - 17	1	118-0200-17-4	75 - 10	1	118-1100-28-1	11 - 2	1	118-1300-03-4	15 - 2	1	118-2000-38	32 - 21	1
112-6132-16	24 - 14	1	118-0200-17-4	104 - 10	1	118-1100-39-4	9 - 25	1	118-1300-08-2	15 - 6	1	118-2000-41	32 - 3	2
112-6132-24-1	24 - 8	1	118-0200-19	25 - 18	1	118-1100-39-4	11 - 25	1	118-1300-10	15 - 8	1	118-2000-42	32 - 9	1
112-6132-25-1	24 - 9	1	118-0200-19	103 - 18	1	118-1100-40-3	9 - 26	1	118-1400-16-01	19 - 5	1	118-2100-04-4	26 - 22	1
113-0150-03-1	5 - 27	1	118-0300-22-3	2 - 2	1	118-1100-40-3	11 - 26	1	118-1500-47-3	4 - 28	1	118-2100-05-2	26 - 45	1
113-0260-05	30 - 44	4	118-0300-22-3	4 - 8	1	118-1100-41	107 - 6	1	118-1500-48-1	4 - 29	1	118-2100-09-1	26 - 18	1
113-0800-22-01	92 - 13	1	118-0300-23-1	2 - 11	1	118-1100-70-01	11 - 11	1	118-1500-50-2	2 - 22	1	118-2100-10	26 - 19	1
113-0800-23	92 - 10	1	118-0300-23-1	4 - 17	1	118-1100-71-01	9 - 8	1	118-1500-51-3	2 - 23	1	118-2100-13-5	26 - 13	1
113-5200-03	131 - 16	1	118-0300-28-1	2 - 8	1	118-1100-71-01	11 - 8	1	118-1500-55-5	10 - 14	1	118-2100-14-2	26 - 24	1
113-5200-07-01	133 - 24	1	118-0300-28-1	4 - 14	1	118-1200-02-5	10 - 27	1	118-1500-55-5	12 - 14	1	118-2100-20-2	27 - 12	1
113-5200-09-2	132 - 8	1	118-0300-29-1	2 - 7	1	118-1200-02-5	12 - 27	1	118-1500-57	12 - 10	1	118-2100-29-2	26 - 1	1
113-5200-10	137 - 1	1	118-0300-29-1	4 - 13	1	118-1200-03-3	9 - 18	1	118-1500-58-3	12 - 5	1	118-2100-31-1	26 - 21	1
113-5200-13	131 - 15	1	118-0300-30-1	4 - 15	1	118-1200-03-3	11 - 18	1	118-1500-59-1	12 - 3	2	118-2100-44-2	26 - 28	1
113-5200-14	132 - 20	1	118-0300-30-1	2 - 9	1	118-1200-04-1	9 - 17	1	118-1500-60-4	12 - 1	2	118-2100-46-1	26 - 38	1
113-5202-03	138 - 7	1	118-0300-35	2 - 12	1	118-1200-04-1	11 - 17	1	118-1502-16-3	4 - 27	1	118-2100-47-2	28 - 23	1
113-5202-04	138 - 11	1	118-0300-35	4 - 18	1	118-1200-06	15 - 24	1	118-1502-24-02	2 - 21	1	118-2100-60	27 - 25	1
113-5202-05	138 - 15	1	118-0300-36	2 - 3	1	118-1200-06	16 - 28	1	118-1502-25-01	2 - 5	1	118-2100-65	27 - 6	1
113-5203-03	139 - 26	1	118-0300-36	4 - 9	1	118-1200-14-1	15 - 25	1	118-1502-28-03	12 - 12	1	118-2100-73	27 - 48	1
113-5203-04-01	139 - 3	1	118-0300-41-4	4 - 11	1	118-1200-14-1	16 - 29	1	118-1502-32-03	10 - 12	1	118-2100-85	30 - 47	1
113-5203-05	137 - 7	1	118-0300-43-1	2 - 4	1	118-1200-17	15 - 22	1	118-1700-02-1	107 - 7	1	118-2100-85	137 - 20	1
113-5203-06	139 - 19	1	118-0300-43-2	4 - 10	1	118-1200-17	16 - 26	1	118-1700-04	107 - 24	2	118-2100-85	27 - 9	1
113-5203-07	139 - 20	1	118-0300-44	2 - 17	1	118-1200-18-3	15 - 31	1	118-1700-05	107 - 8	1	118-2100-86-1	27 - 8	1
113-5203-08	139 - 15	2	118-0300-44	4 - 23	1	118-1200-18-3	16 - 35	1	118-1700-06-1	107 - 14	1	118-2100-86-1	30 - 48	1
113-5204-23	156 - 3	1	118-1000-05-5	9 - 34	1	118-1200-19-4	10 - 28	1	118-1700-08	107 - 2	1	118-2100-86-1	137 - 19	1

**OKUMA LNC8**

PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.
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118-2100-94-01	26 - 14	1	118-3020-21-7	42 - 16	1	118-4001-08-3	53 - 5	1	118-4100-95	61 - 11	1	118-6000-40-3	75 - 33	1
118-2100-95	26 - 37	1	118-3020-22	45 - 1	1	118-4001-09	53 - 28	1	118-4100-96	57 - 11	1	118-6000-40-3	104 - 33	1
118-2101-09	27 - 33	1	118-3020-23-3	42 - 6	1	118-4001-10	53 - 23	1	118-4100-98-2	57 - 32	1	118-6000-43-1	75 - 28	6
118-2200-03-9	131 - 19	1	118-3020-24-1	42 - 13	1	118-4001-49	51 - 14	1	118-4100-99-3	57 - 10	1	118-6000-43-1	104 - 28	6
118-2200-15-1	30 - 1	1	118-3020-25-3	43 - 11	1	118-4080-02	51 - 24	1	118-4101-01-2	57 - 1	1	118-6000-44	75 - 31	1
118-2200-22-4	29 - 6	1	118-3020-28	46 - 14	1	118-4080-03-2	51 - 35	2	118-4101-05-3	63 - 29	1	118-6000-44	94 - 24	1
118-2200-23-1	29 - 1	1	118-3020-29	46 - 1	1	118-4080-04-2	51 - 34	2	118-4101-06	63 - 31	1	118-6000-44	104 - 31	1
118-2200-27-2	31 - 20	1	118-3020-33-3	45 - 12	1	118-4080-05-2	51 - 31	2	118-4101-07-2	63 - 33	1	118-6000-45	75 - 30	1
118-2200-35-4	30 - 43	1	118-3020-34-1	43 - 20	1	118-4080-06-1	51 - 28	2	118-4101-08	63 - 1	1	118-6000-45	94 - 25	1
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118-2200-39-01	137 - 17	1	118-3020-78-1	42 - 21	1	118-4100-14-2	63 - 24	1	118-4101-13-3	55 - 7	2	118-6210-82	47 - 22	1
118-2200-64-2	29 - 13	1	118-3021-01-3	47 - 9	1	118-4100-42-1	57 - 23	1	118-4101-14-1	61 - 4	1	118-6300-02	165 - 10	1
118-2200-65-2	30 - 14	1	118-3021-02	47 - 13	1	118-4100-44-2	63 - 30	1	118-4101-25-3	63 - 21	1	118-7000-19-6	78 - 10	1
118-2200-66-4	31 - 15	1	118-3021-03-1	47 - 4	1	118-4100-46-2	63 - 22	1	118-4101-30	55 - 35	1	118-7000-21	78 - 7	1
118-2200-69-1	30 - 15	1	118-3100-04-1	48 - 2	12	118-4100-52-1	63 - 20	1	118-4101-31	55 - 37	1	118-7100-15-1	71 - 16	3
118-2200-73-2	29 - 4	1	118-3100-04-1	48 - 34	1	118-4100-53-2	63 - 27	1	118-4101-32-7	59 - 5	1	118-7100-18-3	71 - 42	4
118-2200-76	30 - 37	1	118-4000-13	57 - 19	1	118-4100-55-1	63 - 45	1	118-4101-33-1	55 - 12	1	118-7100-19-1	71 - 41	4
118-3000-09-4	42 - 2	1	118-4000-18-2	51 - 26	1	118-4100-56-2	63 - 44	2	118-4101-34	57 - 26	1	118-7100-20	71 - 36	4
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118-3000-36	46 - 26	1	118-4000-41	51 - 22	1	118-4100-60	63 - 37	1	118-4101-55-1	57 - 33	1	118-7100-33-2	71 - 8	1
118-3000-37	46 - 29	1	118-4000-41	55 - 17	1	118-4100-61	61 - 28	1	118-4101-59	57 - 3	1	118-7100-36	72 - 20	1
118-3000-37	105 - 29	1	118-4000-66-3	53 - 14	1	118-4100-62	63 - 50	1	118-4101-70-1	61 - 14	1	118-7100-36	73 - 20	1
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118-3000-41-2	105 - 38	1	118-4000-68-2	53 - 6	1	118-4100-66-1	63 - 55	1	118-5100-90	75 - 15	2	118-7100-52-1	71 - 25	2
118-3000-51	45 - 21	1	118-4000-68-2	59 - 6	1	118-4100-67-1	63 - 58	1	118-5100-90	104 - 15	2	118-7100-58-3	71 - 29	2
118-3000-52	45 - 20	1	118-4000-69	53 - 3	1	118-4100-68-1	63 - 62	1	118-5102-31	75 - 4	1	118-7100-59-1	71 - 27	2
118-3000-53-2	45 - 15	2	118-4000-69	59 - 3	1	118-4100-69-2	61 - 18	1	118-5102-31	104 - 4	2	118-7100-81	71 - 19	2
118-3000-76-1	46 - 40	1	118-4000-71-1	53 - 17	1	118-4100-71-1	55 - 31	1	118-5102-31	75 - 4	2	118-7101-84-1	74 - 13	1
118-3000-76-1	105 - 40	1	118-4000-71-1	59 - 17	1	118-4100-77-1	57 - 35	1	118-6000-02-6	89 - 17	1	118-7102-62	71 - 45	1
118-3000-80-2	43 - 4	1	118-4000-72	53 - 9	1	118-4100-83-2	57 - 17	1	118-6000-02-6	91 - 17	1	118-7102-63	71 - 17	4
118-3020-04-1	42 - 10	1	118-4000-72	59 - 9	1	118-4100-89	57 - 8	1	118-6000-10	25 - 15	1	118-7120-18-2	71 - 48	1

OKUMA LNC8

PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.
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118-7120-21-2	71 - 46	3	118-8801-41	82 - 37	2	118-9600-26	104 - 38	1	125-0432-13	135 - 3	2	127-3320-08	47 - 12	12
118-7120-22-2	71 - 47	1	118-9000-59	81 - 19	1	118-9610-23	132 - 13	1	125-1020-08	24 - 10	1	127-3320-26-1	47 - 8	12
118-7200-03-1	76 - 23	2	118-9000-59	82 - 16	1	118-9610-24	131 - 6	1	125-1120-18	136 - 6	5	127-6730-09	47 - 29	1
118-7200-10-5	76 - 1	1	118-9000-60-1	81 - 23	1	118-9610-25	131 - 1	1	125-1120-26	136 - 8	5	127-6730-10-2	47 - 35	1
118-7200-12-1	76 - 21	1	118-9000-60-1	82 - 17	1	118-9610-27	136 - 5	5	125-3000-92-01	24 - 24	1	127-6730-18-1	47 - 31	1
118-7200-13-1	76 - 24	1	118-9000-65	81 - 43	1	119-3100-08-2	48 - 22	1	125-3001-01-2	24 - 27	1	127-6751-04	82 - 41	1
118-7200-14-6	76 - 4	1	118-9000-92	81 - 39	1	119-3100-09-3	48 - 9	1	125-3001-15	24 - 25	1	128-0112-04-1	15 - 28	2
118-7200-32-02	76 - 18	1	118-9001-92-A	82 - 25	1	119-3100-09-3	48 - 29	1	125-3001-16-01	24 - 38	1	128-0112-04-1	16 - 32	2
118-7200-33-01	76 - 16	1	118-9002-88-2	81 - 4	1	123-3111-29-1	9 - 1	1	125-4600-11	160 - 19	1	128-0320-08-1	44 - 1	2
118-7200-34	76 - 9	2	118-9002-88-2	82 - 4	1	123-3111-29-1	11 - 1	1	127-0100-03-2	1 - 21	1	128-0320-09-2	44 - 13	1
118-8000-03-1	48 - 5	1	118-9002-89	81 - 9	1	123-3111-30-1	9 - 31	1	127-0100-03-2	3 - 11	1	128-0320-18-2	43 - 16	1
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118-8001-30-1	48 - 10	1	118-9002-90-3	81 - 13	1	123-7110-05-1	9 - 3	1	127-0100-04-2	12 - 34	1	128-0320-21-1	42 - 26	1
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118-8108-54	21 - 17	1	118-9274-43	160 - 8	1	125-0110-01-4	13 - 25	1	127-0110-08-3	11 - 4	1	137-0111-14-1	12 - 30	1
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118-8108-65-1	22 - 23	1	118-9600-01-3	131 - 18	1	125-0110-04-02	13 - 27	1	127-0110-10	9 - 11	1	174-7100-03-2	16 - 6	1
118-8108-66-3	22 - 24	1	118-9600-01-3	133 - 7	1	125-0110-05-02	13 - 29	1	127-0110-51-2	9 - 20	1	191-6714-17-2	81 - 44	1
118-8108-71-1	22 - 19	1	118-9600-02-3	139 - 27	1	125-0110-06-01	7 - 9	1	127-0110-51-2	11 - 20	1	272-9000-49	89 - 23	1
118-8108-73	22 - 20	1	118-9600-03-3	138 - 8	1	125-0110-07-01	13 - 19	1	127-0110-55-3	9 - 19	1	276-5000-35-1	18 - 18	1
118-8108-76	24 - 34	2	118-9600-04-01	133 - 25	1	125-0110-07-01	13 - 22	1	127-0110-55-3	11 - 19	1	515-0300-04-4	95 - 6	1
118-8108-95-1	23 - 19	1	118-9600-05	133 - 23	1	125-0110-08-02	13 - 20	1	127-0110-56	9 - 22	1	515-0300-05-7	96 - 24	1
118-8108-98	23 - 20	1	118-9600-06	138 - 1	1	125-0110-08-02	13 - 23	1	127-0110-57-1	9 - 23	1	515-0300-07-2	95 - 22	1
118-8109-02-3	23 - 41	1	118-9600-07-01	139 - 11	1	125-0110-09-4	13 - 5	1	127-0120-05	16 - 11	1	515-0300-13-2	95 - 12	1
118-8109-03-01	23 - 36	1	118-9600-08-02	139 - 24	1	125-0110-10	7 - 3	1	127-0120-06	16 - 17	1	515-0300-14-01	95 - 15	1
118-8109-04-1	23 - 23	1	118-9600-09-02	137 - 15	1	125-0110-13-01	13 - 1	1	127-0120-07	16 - 16	1	515-0300-16-2	95 - 16	1
118-8109-07-1	21 - 23	1	118-9600-14	132 - 2	1	125-0110-18	13 - 15	1	127-0150-10-1	5 - 26	1	515-0300-19-01	98 - 13	1
118-8113-16	22 - 40	1	118-9600-15-01	137 - 22	1	125-0130-03-2	7 - 5	1	127-3300-26	48 - 1	24	515-0300-23-1	100 - 24	1
118-8113-16	23 - 46	1	118-9600-18	136 - 4	1	125-0130-04-4	7 - 4	1	127-3300-26	48 - 4	1	515-0300-27-4	100 - 1	1
118-8116-15-02	21 - 24	1	118-9600-20	136 - 15	1	125-0130-05	7 - 17	1	127-3300-26	48 - 33	2	515-0300-42-4	100 - 3	1

OKUMA LNC8

PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.
515-0300-61-01	98 - 2	1	515-0430-54	134 - 2	1	C0201-080501	28 - 12	1	C5000-080251	160 - 4	4	C5000-240751	1 - 16	2
515-0300-81-01	100 - 20	2	515-0430-55	134 - 3	1	C0201-080501	101 - 16	2	C5000-080301	7 - 13	1	C5000-240751	3 - 18	1
515-0300-96	100 - 21	1	515-0430-57	134 - 14	1	C0500-000151	61 - 13	1	C5000-080351	27 - 10	2	C5000-240801	1 - 14	3
515-0301-41-1	101 - 17	1	515-0430-66	133 - 28	1	C0500-000201	15 - 23	1	C5000-100201	89 - 12	4	C5000-240801	3 - 19	3
515-0310-03-1	96 - 7	10	515-0430-68	133 - 31	1	C0500-000201	16 - 27	1	C5000-100201	91 - 12	4	C5000-242001	25 - 26	3
515-0310-17-1	96 - 11	1	515-1800-09-2	96 - 27	10	C0500-000201	96 - 16	1	C5000-100301	1 - 20	4	C5000-242001	103 - 26	3
515-0310-18	96 - 3	1	A091-1352	5 - 2	1	C0500-000351	13 - 39	1	C5000-120251	75 - 13	3	C5000-242201	1 - 9	4
515-0330-02-3	98 - 14	1	BL-120E-20	27 - 1	1	C2760-000222	81 - 58	1	C5000-120251	104 - 13	3	C5000-242201	3 - 4	4
515-0330-21-2	98 - 19	1	BL-80E-20	30 - 50	1	C2765-000351	21 - 10	2	C5000-120301	3 - 16	2	C5000-242201	5 - 4	4
515-0330-41-6	95 - 4	1	BLH1 00E20T	137 - 14	1	C2765-000351	22 - 6	3	C5000-120301	5 - 16	2	C5002-100601	137 - 4	1
515-0340-01-17	96 - 23	1	C0200-060251	7 - 16	1	C2765-000351	23 - 7	3	C5000-120301	13 - 12	2	C5006-000321	25 - 29	8
515-0340-05-1	96 - 26	10	C0200-060361	16 - 24	1	C2765-000351	24 - 5	2	C5000-120301	75 - 14	2	C5006-000321	103 - 29	8
515-0340-36	96 - 15	1	C0201- 080361	96 - 21	2	C2765-000351	24 - 31	2	C5000-120301	104 - 14	2	C5010-006101	156 - 7	9
515-0340-37	98 - 29	1	C0201- 080451	96 - 19	2	C2765-000351	89 - 19	1	C5000-120351	3 - 15	4	C5010-040081	55 - 9	12
515-0340-38	98 - 31	1	C0201-060250	30 - 8	2	C2765-000351	91 - 19	1	C5000-120351	13 - 11	4	C5010-040081	162 - 8	3
515-0340-56	96 - 28	10	C0201-060251	98 - 9	1	C2781-000402	51 - 10	1	C5000-120400	5 - 19	4	C5010-040101	28 - 1	8
515-0350-01-01	96 - 25	10	C0201-060321	95 - 20	2	C2781-000402	55 - 4	1	C5000-120401	1 - 20	4	C5010-040101	28 - 7	5
515-0430-01-3	133 - 27	1	C0201-060321	107 - 32	2	C2781-000402	55 - 28	4	C5000-120401	4 - 30	4	C5010-040101	28 - 30	5
515-0430-08	133 - 19	1	C0201-060321	139 - 4	2	C2781-000612	94 - 19	1	C5000-120451	4 - 3	2	C5010-040101	32 - 5	10
515-0430-09	133 - 22	1	C0201-060321	43 - 12	2	C2781-001012	165 - 11	1	C5000-120451	28 - 37	4	C5010-040101	32 - 20	10
515-0430-10	133 - 20	1	C0201-060360	98 - 15	1	C2781-020612	94 - 20	1	C5000-120501	5 - 20	4	C5010-040101	32 - 24	10
515-0430-11-02	133 - 16	1	C0201-060361	15 - 20	1	C2781-080600	94 - 23	1	C5000-120501	30 - 46	4	C5010-040161	13 - 32	6
515-0430-12	133 - 17	2	C0201-060361	139 - 13	2	C2935-000250	3 - 1	1	C5000-120501	46 - 9	1	C5010-050081	31 - 29	2
515-0430-13-2	133 - 15	1	C0201-080321	29 - 9	2	C5000-050081	46 - 12	11	C5000-120551	46 - 8	5	C5010-050081	31 - 31	3
515-0430-14	133 - 13	2	C0201-080321	32 - 16	1	C5000-060101	76 - 5	2	C5000-120551	105 - 8	5	C5010-050081	51 - 15	6
515-0430-15	133 - 12	1	C0201-080321	42 - 24	2	C5000-060101	76 - 6	4	C5000-160401	139 - 28	8	C5010-050081	51 - 20	6
515-0430-16	133 - 9	1	C0201-080321	46 - 4	2	C5000-060101	76 - 27	4	C5000-160451	13 - 38	1	C5010-050081	63 - 46	3
515-0430-18	133 - 6	1	C0201-080321	61 - 19	2	C5000-060101	76 - 28	2	C5000-160501	13 - 37	3	C5010-050081	98 - 8	1
515-0430-19-1	133 - 2	1	C0201-080321	95 - 19	2	C5000-060121	81 - 15	3	C5000-160551	13 - 36	1	C5010-050101	31 - 26	3
515-0430-21	132 - 21	1	C0201-080321	101 - 15	1	C5000-060121	98 - 18	2	C5000-160551	51 - 12	2	C5010-050101	46 - 17	8
515-0430-22-01	133 - 3	2	C0201-080361	42 - 4	2	C5000-060161	13 - 34	2	C5000-160551	55 - 15	2	C5010-050101	96 - 4	4
515-0430-47	133 - 11	6	C0201-080361	47 - 6	2	C5000-060161	76 - 11	2	C5000-160601	51 - 11	2	C5010-050101	105 - 17	8
515-0430-48-2	134 - 12	1	C0201-080361	138 - 9	2	C5000-060201	63 - 56	1	C5000-160601	55 - 5	2	C5010-050101	135 - 4	4
515-0430-50-1	134 - 6	1	C0201-080401	26 - 4	2	C5000-060201	63 - 57	1	C5000-240601	25 - 6	8	C5010-050101	165 - 13	2
515-0430-51	134 - 7	1	C0201-080401	26 - 7	2	C5000-060251	107 - 28	12	C5000-240601	25 - 22	3	C5010-050121	2 - 10	4
515-0430-52	134 - 10	1	C0201-080451	46 - 7	2	C5000-080161	25 - 10	14	C5000-240601	103 - 6	8	C5010-050121	4 - 16	4
515-0430-53	134 - 8	1	C0201-080451	105 - 7	2	C5000-080161	103 - 10	14	C5000-240601	103 - 22	3	C5010-050121	13 - 2	3

## OKUMA LNC8

PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.
C5010-050141	15 - 1	4	C5010-060101	73 - 28	2	C5010-060121	32 - 18	2	C5010-060141	77 - 10	3	C5010-060201	46 - 2	2
C5010-050141	15 - 11	2	C5010-060101	74 - 19	2	C5010-060121	32 - 22	2	C5010-060141	82 - 24	1	C5010-060201	46 - 13	2
C5010-050141	16 - 1	4	C5010-060101	75 - 29	2	C5010-060121	47 - 18	2	C5010-060141	97 - 18	1	C5010-060201	98 - 12	4
C5010-050141	43 - 1	3	C5010-060101	75 - 35	2	C5010-060121	51 - 1	1	C5010-060141	105 - 35	2	C5010-060201	98 - 32	2
C5010-050141	107 - 29	2	C5010-060101	78 - 2	3	C5010-060121	71 - 53	2	C5010-060161	12 - 9	2	C5010-060201	105 - 13	2
C5010-050161	61 - 27	2	C5010-060101	78 - 18	7	C5010-060121	74 - 5	8	C5010-060161	22 - 9	4	C5010-060201	133 - 5	4
C5010-050161	132 - 14	6	C5010-060101	78 - 18	7	C5010-060121	74 - 23	10	C5010-060161	22 - 25	4	C5010-060201	139 - 18	4
C5010-050201	22 - 39	2	C5010-060101	81 - 21	6	C5010-060121	77 - 1	3	C5010-060161	23 - 9	4	C5010-060221	2 - 1	4
C5010-050201	23 - 45	2	C5010-060101	81 - 25	3	C5010-060121	78 - 18	7	C5010-060161	23 - 16	4	C5010-060251	95 - 1	6
C5010-050201	55 - 1	2	C5010-060101	82 - 7	3	C5010-060121	78 - 40	2	C5010-060161	23 - 25	4	C5010-060251	101 - 8	4
C5010-050201	61 - 24	1	C5010-060101	82 - 27	1	C5010-060121	78 - 41	2	C5010-060161	24 - 13	3	C5010-060251	134 - 13	6
C5010-050201	107 - 25	3	C5010-060101	97 - 31	4	C5010-060121	81 - 11	2	C5010-060161	32 - 7	4	C5010-060301	15 - 32	3
C5010-050251	7 - 8	6	C5010-060101	99 - 27	13	C5010-060121	93 - 18	2	C5010-060161	42 - 19	6	C5010-060301	15 - 35	3
C5010-050251	93 - 12	2	C5010-060101	101 - 1	11	C5010-060121	131 - 5	2	C5010-060161	44 - 14	2	C5010-060301	16 - 36	3
C5010-050301	44 - 10	2	C5010-060101	101 - 3	7	C5010-060121	131 - 8	2	C5010-060161	46 - 28	2	C5010-060301	16 - 39	1
C5010-050351	46 - 36	2	C5010-060101	104 - 29	2	C5010-060121	133 - 1	4	C5010-060161	46 - 31	2	C5010-060301	48 - 3	12
C5010-050351	61 - 29	2	C5010-060101	104 - 35	2	C5010-060121	135 - 2	6	C5010-060161	47 - 14	12	C5010-060301	48 - 6	1
C5010-050351	105 - 36	2	C5010-060101	104 - 40	2	C5010-060121	135 - 7	4	C5010-060161	51 - 27	2	C5010-060301	48 - 35	1
C5010-050351	152 - 42	8	C5010-060101	105 - 42	2	C5010-060121	136 - 20	2	C5010-060161	53 - 11	4	C5010-060301	55 - 23	2
C5010-050401	93 - 31	2	C5010-060101	106 - 9	4	C5010-060121	138 - 6	4	C5010-060161	57 - 21	3	C5010-060351	47 - 17	2
C5010-050451	15 - 34	4	C5010-060101	106 - 28	2	C5010-060121	138 - 12	2	C5010-060161	59 - 11	4	C5010-060351	55 - 32	2
C5010-050451	16 - 38	1	C5010-060101	131 - 2	2	C5010-060121	138 - 16	2	C5010-060161	63 - 28	3	C5010-060351	76 - 22	4
C5010-050451	107 - 34	4	C5010-060101	131 - 9	9	C5010-060121	152 - 45	2	C5010-060161	63 - 32	2	C5010-060351	96 - 6	5
C5010-050501	100 - 28	1	C5010-060101	132 - 1	8	C5010-060121	162 - 13	6	C5010-060161	63 - 34	1	C5010-060401	47 - 16	2
C5010-060101	22 - 16	4	C5010-060101	134 - 1	1	C5010-060121	163 - 14	2	C5010-060161	75 - 5	6	C5010-060401	57 - 5	1
C5010-060101	26 - 10	4	C5010-060101	136 - 9	8	C5010-060140	5 - 14	1	C5010-060161	98 - 24	1	C5010-060751	57 - 6	2
C5010-060101	29 - 21	2	C5010-060101	137 - 16	2	C5010-060141	10 - 18	3	C5010-060161	104 - 5	6	C5010-061051	45 - 3	2
C5010-060101	30 - 10	2	C5010-060101	152 - 1	2	C5010-060141	12 - 18	3	C5010-060161	105 - 28	2	C5010-080121	26 - 2	2
C5010-060101	30 - 13	2	C5010-060101	152 - 14	2	C5010-060141	24 - 15	4	C5010-060161	105 - 31	2	C5010-080121	75 - 26	4
C5010-060101	31 - 18	2	C5010-060101	156 - 2	7	C5010-060141	46 - 35	2	C5010-060161	133 - 30	3	C5010-080121	81 - 2	2
C5010-060101	44 - 2	4	C5010-060101	156 - 23	2	C5010-060141	53 - 2	4	C5010-060161	160 - 10	6	C5010-080121	81 - 16	2
C5010-060101	46 - 42	2	C5010-060101	156 - 35	25	C5010-060141	53 - 25	2	C5010-060161	161 - 4	3	C5010-080121	81 - 28	1
C5010-060101	57 - 12	1	C5010-060101	162 - 5	6	C5010-060141	55 - 36	2	C5010-060201	22 - 22	3	C5010-080121	82 - 2	2
C5010-060101	57 - 24	9	C5010-060101	165 - 3	2	C5010-060141	57 - 34	2	C5010-060201	23 - 21	3	C5010-080121	82 - 8	2
C5010-060101	57 - 27	2	C5010-060121	24 - 1	4	C5010-060141	59 - 2	4	C5010-060201	26 - 34	1	C5010-080121	94 - 21	2
C5010-060101	72 - 9	4	C5010-060121	24 - 32	2	C5010-060141	63 - 2	2	C5010-060201	31 - 23	2	C5010-080121	104 - 26	4
C5010-060101	73 - 9	4	C5010-060121	28 - 24	4	C5010-060141	63 - 15	3	C5010-060201	43 - 13	5	C5010-080121	136 - 3	4



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PART NO	INDEX	QTY	PART NO	INDEX	QTY	PART NO	INDEX	QTY	PART NO	INDEX	QTY	PART NO	INDEX	QTY
M000-6209Z	10 - 22	1	M009-0019-99	9 - 21	1	X		18 - 27	1					
M000-6209Z	12 - 22	1	M009-0019-99	11 - 21	1	X		21 - 16	6					
M001-81105T2	51 - 30	2	M009-0022-94	133 - 14	1	X		22 - 30	6					
M001-AS1102	71 - 35	4	M009-0022-95	133 - 21	1	X		51 - 17	1					
M001-AS1102	71 - 38	4	M009-W1680	9 - 24	1	X		51 - 18	1					
M001-AS1105	63 - 6	1	M100-08088-04423	45 - 14	2	X		55 - 14	1					
M001-AS1110	43 - 10	2	M101-08092-06025	100 - 23	1	X		78 - 13	1					
M001-AS1116	10 - 11	2	M101-12120-07012	134 - 9	1	X		99 - 23	1					
M001-AS1116	12 - 11	2	M101-16136-07220	63 - 52	1	X		99 - 25	1					
M001-AXK1102	71 - 34	4	M101-20270-01303	51 - 32	2	X		132 - 5	1					
M001-AXK1102	71 - 39	4	M101-40450-03803	97 - 22	1	X		134 - 16	1					
M001-HK1512	71 - 28	4	M109-1015-94	47 - 27	1	X		156 - 12	1					
M001-HK1516	71 - 37	4	M109-1022-03	46 - 22	1	X		156 - 15	1					
M001-K81105	63 - 7	1	M109-1022-03	105 - 22	1									
M001-K81105	63 - 9	2	M109-1024-49	75 - 24	1									
M001-NK80/35R	10 - 13	1	M109-1024-49	104 - 24	1									
M001-NK80/35R	12 - 13	1	M109-1027-92	92 - 12	1									
M001-WS81102	71 - 33	4	M1131-05255	1 - 5	1									
M001-WS81102	71 - 40	4	M1131-05315	4 - 1	1									
M004-DB5020	43 - 14	1	M119-0006-91	30 - 17	1									
M004-MB0810DU	63 - 12	2	M119-0007-49	27 - 18	1									
M004-MB1615DU	57 - 9	1	M119-0008-33	137 - 21	1									
M004-MB1820DU	160 - 20	2	M119-0008-40	132 - 15	1									
M004-MB2520DU	63 - 8	2	M119-0012-77	4 - 2	1									
M004-MB6530DU	42 - 9	1	M119-0014-66	1 - 6	1									
M009-0010-32-01	139 - 16	1	M120-06-080	16 - 3	1									
M009-0011-75	13 - 3	1	T009-020-000-3	53 - 1	1									
M009-0012-03	13 - 18	1	T009-020-000-37	59 - 1	1									
M009-0012-03	13 - 21	1	T009-200-005-13	21 - 15	1									
M009-0012-04	13 - 24	1	T009-200-005-16	23 - 42	1									
M009-0016-80	11 - 24	1	T009-200-005-90	21 - 15	1									
M009-0016-81	9 - 9	1	T009-200-005-90	22 - 29	1									
M009-0016-81	11 - 9	1	T009-200-007-1	24 - 29	1									
M009-0017-65-1	2 - 6	2	T009-200-007-28	134 - 11	1									
M009-0017-65-1	4 - 12	2	T019-400-001-52	163 - 13	1									
M009-0017-96	95 - 7	1	X	16 - 2	1									
M009-0017-97	98 - 16	1	X	18 - 20	1									

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PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.
C5022-000161	42 - 15	1	C5034-008101	16 - 25	1	C5040-004251	57 - 28	6	C5040-006081	75 - 17	6	C5040-006121	82 - 35	3
C5022-000241	25 - 19	6	C5034-012121	46 - 3	2	C5040-004251	107 - 31	4	C5040-006081	75 - 23	8	C5040-008101	152 - 15	3
C5022-000241	103 - 19	6	C5034-012121	46 - 6	3	C5040-004251	135 - 5	2	C5040-006081	78 - 8	4	C5040-060101	74 - 25	7
C5029-000061	51 - 21	1	C5034-012121	105 - 6	3	C5040-004451	44 - 5	6	C5040-006081	78 - 12	2	C5040-060161	76 - 7	6
C5029-000061	55 - 16	1	C5035-005101	22 - 42	1	C5040-005081	18 - 2	2	C5040-006081	81 - 37	2	C5050-004101	139 - 7	4
C5029-000081	28 - 42	2	C5035-006121	48 - 19	1	C5040-005081	22 - 1	7	C5040-006081	81 - 41	2	C5050-004101	139 - 10	4
C5030-004061	47 - 32	1	C5035-006121	132 - 22	1	C5040-005081	23 - 1	7	C5040-006081	82 - 39	6	C5050-005081	29 - 20	2
C5030-004121	47 - 30	1	C5035-008301	28 - 20	5	C5040-005081	24 - 12	7	C5040-006081	104 - 16	6	C5050-005081	30 - 3	2
C5030-005081	47 - 25	1	C5035-008301	28 - 39	5	C5040-005081	27 - 56	6	C5040-006081	104 - 17	6	C5050-005101	23 - 48	1
C5030-006061	44 - 12	3	C5035-010121	48 - 16	1	C5040-005081	31 - 19	2	C5040-006081	104 - 23	8	C5050-005101	29 - 23	2
C5030-006061	61 - 21	1	C5035-010251	61 - 2	2	C5040-005081	61 - 17	2	C5040-006081	152 - 8	6	C5050-005101	131 - 10	8
C5030-006061	63 - 61	1	C5035-123262	19 - 18	1	C5040-005081	71 - 4	6	C5040-006081	160 - 12	4	C5050-005101	131 - 13	6
C5030-006081	9 - 12	1	C5036-006061	26 - 16	2	C5040-005081	71 - 12	3	C5040-006101	26 - 33	2	C5050-005101	139 - 23	4
C5030-006081	11 - 12	1	C5036-006081	44 - 19	1	C5040-005081	78 - 9	1	C5040-006101	26 - 41	2	C5050-005121	25 - 1	7
C5030-006081	15 - 15	1	C5036-006081	44 - 19	1	C5040-005081	93 - 4	1	C5040-006101	28 - 35	5	C5050-005121	103 - 1	7
C5030-006081	16 - 4	1	C5036-006081	133 - 10	2	C5040-005081	93 - 6	1	C5040-006101	57 - 20	2	C5050-006081	76 - 2	4
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C5030-006081	59 - 7	2	C5036-008081	48 - 17	1	C5040-005081	137 - 23	8	C5040-006101	73 - 17	11	C5050-006121	162 - 12	2
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C5132-000601	4 - 25	1	C5140-000061	81 - 10	2	C5140-000081	81 - 3	2	C5150-000061	81 - 29	2	C5153-001000	9 - 16	1

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C6110-000P28	45 - 7	1	C7781-100400	165 - 12	1	C7861-000002	100 - 8	27	E3019-891-018	107 - 9	2	H0010-0000-17	18 - 26	1
C6110-000P28	96 - 17	2	C7782-000022	81 - 57	1	C7861-000002	100 - 15	17	E3019-891-025	61 - 25	3	H0010-0000-17	165 - 6	1
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C6110-000P30	3 - 5	12	C7784-101252	163 - 18	1	C7861-000012	47 - 23	3	E3020-397-102	22 - 12	2	H0010-0000-34	163 - 6	2
C6110-000P30	5 - 5	12	C7785-000092	165 - 2	1	C7861-000022	136 - 16	3	E3020-397-102	23 - 12	2	H0010-0000-42	163 - 9	1
C6110-000P36	51 - 29	2	C7792-252000	24 - 35	1	C7861-000032	96 - 20	7	E3051-396-007-1	7 - 11	1	H0010-0000-43	163 - 11	1
C6110-000P45	55 - 8	2	C7792-252700	21 - 14	1	C7861-000042	27 - 17	1	E3539-490-002	74 - 18	1	H0010-0000-68	93 - 34	5
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C7781-040200	55 - 29	2	C7812-000442	91 - 21	1	E3012-891-001	46 - 39	1	F1242-2100-0	89 - 2	1	H0012-0000-89	93 - 26	5
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C7781-060560	94 - 2	1	C7861-000002	19 - 16	11	E3019-891-017	135 - 6	1	H0010-0000-12	61 - 8	2	H0012-0001-11	94 - 10	3

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H0012-0001-11	94 - 17	1	H0031-0003-96	57 - 7	1	H1002-1000-29	11 - 28	2	H1020-1052-85	61 - 12	1	H1025-1001-55-1	30 - 4	1
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H0012-0001-12	93 - 7	1	H0031-0008-83	59 - 19	1	H1004-0001-34	10 - 25	1	H1020-1073-84-1	81 - 8	1	H1030-1001-94-1	26 - 35	1
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KF0-0017-00	90 - 21	1	KF0-0380-00	90 - 23	1	KM0-0816-00	160 - 50	1	KM1-0802-00	156 - 31	1	KW118-5000-04-01	103 - 24	1
KF0-0020-00	90 - 15	1	KF0-0381-00	90 - 24	1	KM0-0816-00	163 - 15	4	KM1-0803-00	156 - 32	1	KW118-6000-42-00	75 - 22	4
KF0-0022-00	90 - 9	1	KF0-0382-00	90 - 25	1	KM0-1120-00	18 - 8	1	KM1-0804-00	156 - 33	1	KW118-6000-42-00	104 - 22	4
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KF0-0069-00	90 - 11	1	KF0-1213-00	90 - 18	2	KM0-1132-00	18 - 33	1	KW118-0200-53-00	104 - 11	1	KW118-8108-56-01	21 - 2	1
KF0-0094-01	15 - 33	1	KF0-1214-00	90 - 13	1	KM0-1133-00	18 - 28	1	KW118-1720-04-00	107 - 21	1	KW118-9000-34-01	82 - 20	1
KF0-0295-02	89 - 9	1	KF1-0121-00	92 - 6	1	KM0-1134-00	18 - 32	1	KW118-1780-03-00	107 - 23	1	KW130-2100-01-00	48 - 7	1
KF0-0295-02	91 - 9	1	KF1-0290-00	94 - 22	1	KM0-1135-00	18 - 21	1	KW118-2000-04-00	28 - 16	1	KW130-2100-02-00	48 - 32	1
KF0-0296-00	89 - 3	1	KF1-0304-02	89 - 11	1	KM1-0003-01	83 - 1	1	KW118-2000-34-3-R	28 - 14	1	M000-20BST47DB	29 - 8	1
KF0-0296-00	91 - 3	1	KF1-0304-02	91 - 11	1	KM1-0004-01	83 - 7	1	KW118-2000-39-3-R	32 - 12	1	M000-25BST62DB	26 - 20	1
KF0-0297-00	89 - 4	1	KF1-0305-03	89 - 11	1	KM1-0284-01	71 - 2	1	KW118-2000-40-3-R	32 - 4	1	M000-6004LLBP5	139 - 2	1
KF0-0297-00	91 - 4	1	KF1-0305-03	91 - 11	1	KM1-0285-00	74 - 3	1	KW118-2100-22-00	27 - 54	1	M000-6004ZZ	27 - 36	1
KF0-0298-01	21 - 22	2	KF1-0718-00	90 - 5	1	KM1-0286-00	74 - 1	1	KW118-2100-28-00	27 - 13	1	M000-6004ZZP6	16 - 18	1
KF0-0298-01	89 - 1	2	KF1-0775-00	90 - 2	1	KM1-0287-01	71 - 43	1	KW118-2100-48-00	28 - 10	1	M000-6005ZZP4	97 - 28	2
KF0-0298-01	91 - 1	2	KF1-0776-00	90 - 3	1	KM1-0301-00	24 - 6	1	KW118-2100-49-00	28 - 26	1	M000-6010P4	133 - 4	1
KF0-0299-00	92 - 2	1	KF1-0415-01	100 - 25	1	KM1-0302-00	24 - 37	1	KW118-2100-50-00	26 - 31	1	M000-6202ZZ	30 - 40	1
KF0-0300-00	92 - 1	1	KF1-0416-00	100 - 26	1	KM1-0311-00	78 - 30	1	KW118-2100-58-00	27 - 15	1	M000-6204LLBP5	30 - 5	1
KF0-0301-02	89 - 10	1	KH1089-1000-45-00	105 - 34	1	KM1-0314-00	23 - 15	2	KW118-2200-19-00	30 - 6	1	M000-6204ZZP6	15 - 4	2
KF0-0301-02	91 - 10	1	KM0-0295-00	73 - 22	1	KM1-0315-00	23 - 3	1	KW118-2200-68-00	30 - 11	1	M000-6204ZZP6	16 - 9	1
KF0-0369-00	90 - 1	1	KM0-0295-00	78 - 23	1	KM1-0383-00	99 - 30	1	KW118-2200-72-00	29 - 11	1	M000-6205LLBP5	26 - 42	2
KF0-0373-00	90 - 6	1	KM0-0295-00	106 - 22	1	KM1-0391-00	5 - 10	2	KW118-3000-39-00	46 - 20	4	M000-6209	10 - 29	2
KF0-0374-00	90 - 7	1	KM0-0379-00	97 - 30	2	KM1-0392-00	5 - 8	2	KW118-3000-78-00	46 - 10	1	M000-6209	12 - 29	2
KF0-0375-00	90 - 8	1	KM0-0380-00	99 - 9	1	KM1-0467-01	71 - 1	1	KW118-3020-84-00	46 - 43	1	M000-6209LLB	10 - 19	2
KF0-0376-00	90 - 10	1	KM0-0393-00	5 - 1	1	KM1-0549-00	131 - 21	1	KW118-4100-41-00	51 - 13	2	M000-6209LLB	12 - 19	2



OKUMA LNC8

PART NO	INDEX	QTY	PART NO	INDEX	QTY	PART NO	INDEX	QTY	PART NO	INDEX	QTY	PART NO	INDEX	QTY
M000-6209Z	10 - 22	1	M009-0019-99	9 - 21	1	X		18 - 27						
M000-6209Z	12 - 22	1	M009-0019-99	11 - 21	1	X		21 - 16						
M001-81105T2	51 - 30	2	M009-0022-94	133 - 14	1	X		22 - 30						
M001-AS1102	71 - 35	4	M009-0022-95	133 - 21	1	X		51 - 17						
M001-AS1102	71 - 38	4	M009-W1680	9 - 24	1	X		51 - 18						
M001-AS1105	63 - 6	1	M100-08088-04423	45 - 14	2	X		55 - 14						
M001-AS1110	43 - 10	2	M101-08092-06025	100 - 23	1	X		78 - 13						
M001-AS1116	10 - 11	2	M101-12120-07012	134 - 9	1	X		99 - 23						
M001-AS1116	12 - 11	2	M101-16136-07220	63 - 52	1	X		99 - 25						
M001-AXK1102	71 - 34	4	M101-20270-01303	51 - 32	2	X		132 - 5						
M001-AXK1102	71 - 39	4	M101-40450-03803	97 - 22	1	X		134 - 16						
M001-HK1512	71 - 28	4	M109-1015-94	47 - 27	1	X		156 - 12						
M001-HK1516	71 - 37	4	M109-1022-03	46 - 22	1	X		156 - 15						
M001-K81105	63 - 7	1	M109-1022-03	105 - 22	1									
M001-K81105	63 - 9	2	M109-1024-49	75 - 24	1									
M001-NK80/35R	10 - 13	1	M109-1024-49	104 - 24	1									
M001-NK80/35R	12 - 13	1	M109-1027-92	92 - 12	1									
M001-WS81102	71 - 33	4	M1131-05255	1 - 5	1									
M001-WS81102	71 - 40	4	M1131-05315	4 - 1	1									
M004-DB5020	43 - 14	1	M119-0006-91	30 - 17	1									
M004-MB0810DU	63 - 12	2	M119-0007-49	27 - 18	1									
M004-MB1615DU	57 - 9	1	M119-0008-33	137 - 21	1									
M004-MB1820DU	160 - 20	2	M119-0008-40	132 - 15	1									
M004-MB2520DU	63 - 8	2	M119-0012-77	4 - 2	1									
M004-MB6530DU	42 - 9	1	M119-0014-66	1 - 6	1									
M009-0010-32-01	139 - 16	1	M120-06-080	16 - 3	1									
M009-0011-75	13 - 3	1	T009-020-000-3	53 - 1	1									
M009-0012-03	13 - 18	1	T009-020-000-37	59 - 1	1									
M009-0012-03	13 - 21	1	T009-200-005-13	21 - 15	1									
M009-0012-04	13 - 24	1	T009-200-005-16	23 - 42	1									
M009-0016-80	11 - 24	1	T009-200-005-90	21 - 15	1									
M009-0016-81	9 - 9	1	T009-200-005-90	22 - 29	1									
M009-0016-81	11 - 9	1	T009-200-007-1	24 - 29	1									
M009-0017-65-1	2 - 6	2	T009-200-007-28	134 - 11	1									
M009-0017-65-1	4 - 12	2	T019-400-001-52	163 - 13	1									
M009-0017-96	95 - 7	1	X	16 - 2	1									
M009-0017-97	98 - 16	1	X	18 - 20	1									