CNC LATHE LNC 8

with OSP5020L CNC

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.

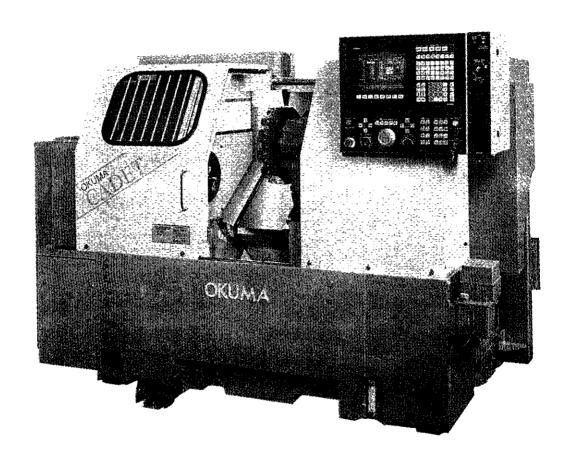
ORDERING REPAIR PARTS

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

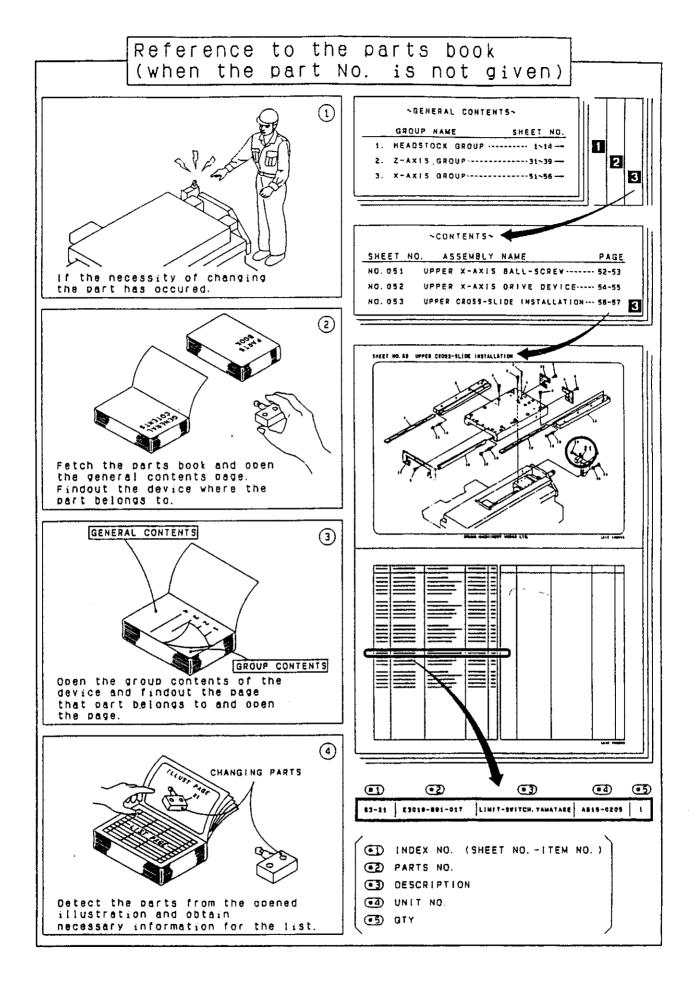
These FIVE requirements are essential:

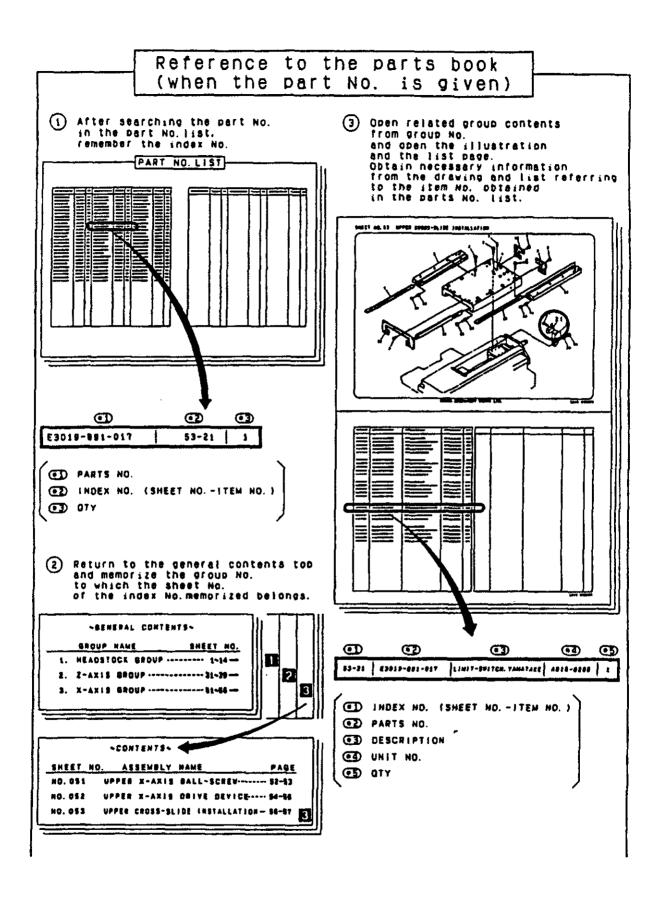
- 1. GIVE COMPLETE SIZE, TYPE OF MACHINE AND CNC SYSTEM. EX.: LNC8 with OSP5020L
- GIVE COMPLETE SERIAL NUMBER OF MACHINE.
 This serial number will be found stamped on the manufacturer's name plate attached to the machine.
- 3. GIVE PARTS BOOK PUBLICATION NO., SHEET NO., INDEX NO., PART NO., AND PART 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





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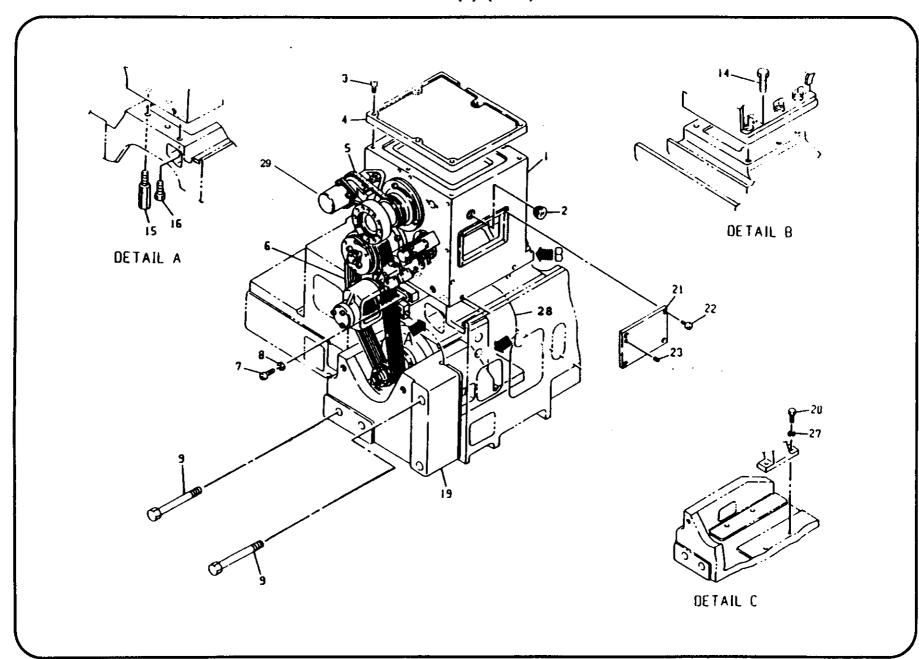
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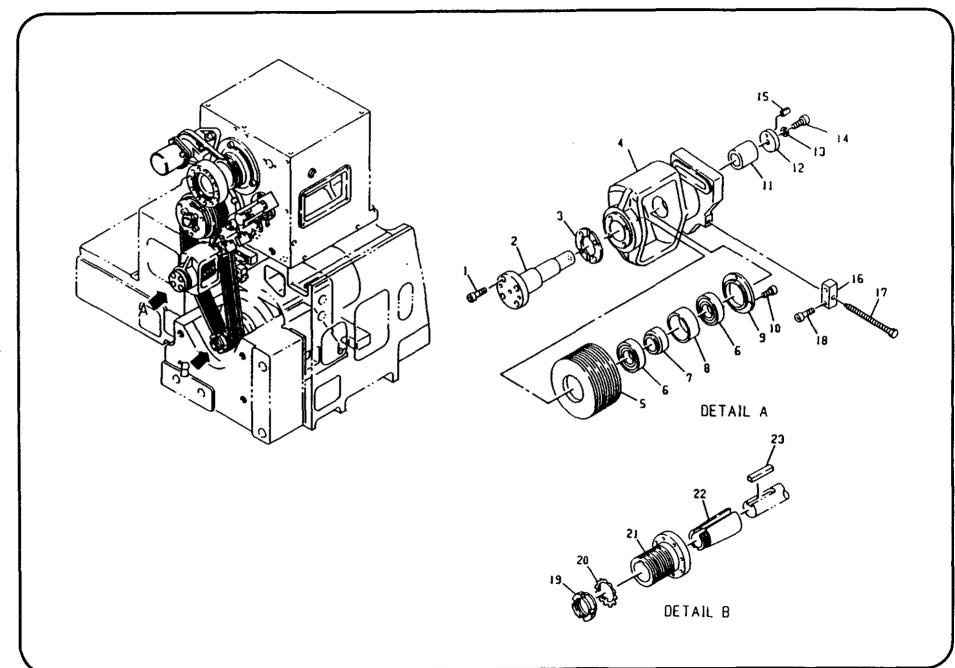
SHEET NO. 1 SPINDLE DRIVE ASSEMBLY (1) (STD)



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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
1 - 1	118-1000-15-6	HEADSTOCK	A118X-1009	1					
1 - 2	H0039-0002-14	WINDOW, OIL	A118X-1009	1				1	
1 - 3	C5010-120351	BOLT, SOCKET-HEAD 12X35	A118-1019	6					
1 - 4	118-1000-11-6	COVER	A1 18-1019	1				Ì	1 1
1 - 5	M1131-0525\$	BELT 255L050 (STD)	A118-1300	1			Ī		
1 - 6	M119-0014-66	V-BELT BANDO 12PK 1445	A118-1531	1				1	1
1 - 7	C5010-120501	BOLT, SOCKET-HEAD 12X50	A118-1510	2		1		İ	
1 - 8	C5140-000121	WASHER,POLISHED 12	A118-1510	2		Į	j]
1 - 9	C5000-242201	BOLT 24X220	A118-0103	4					
1 - 14	C5000-240801	BOLT 24X80	A118X-1009	3			1		}
1 - 15	118-0000-04	BOLT 24X70	A118X-0009	2					
1 - 16	C5000-240751	BOLT 24X75	A118X-0009	2					
1 - 19	118-0100-29-9	BASE, MOTOR MODEL 6	A118-0103	1			}	ļ	ł I
1 - 20	C5000-100301	BOLT 10X30	A118-0103	4				1]
1 - 20	C5000-120401	BOLT 12X40	A118-0102	4					
1 - 21	127-0100-03-2	CAP	A118X-1009	1					i i
1 - 22	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-1009	. 4					
1 - 23	C5030-008081	SET-SCREW, FLAT-POINT 8X8	A118X-1009	1			[ĺ	1 1
1 - 27	C5160-000101	WASHER, SPRING 10	A118-0103	4					
1 - 28	E1004-288-013	MOTOR, AC SPINDLE MODEL VAC-MML 7.5/5.5K	A091-1256	1					
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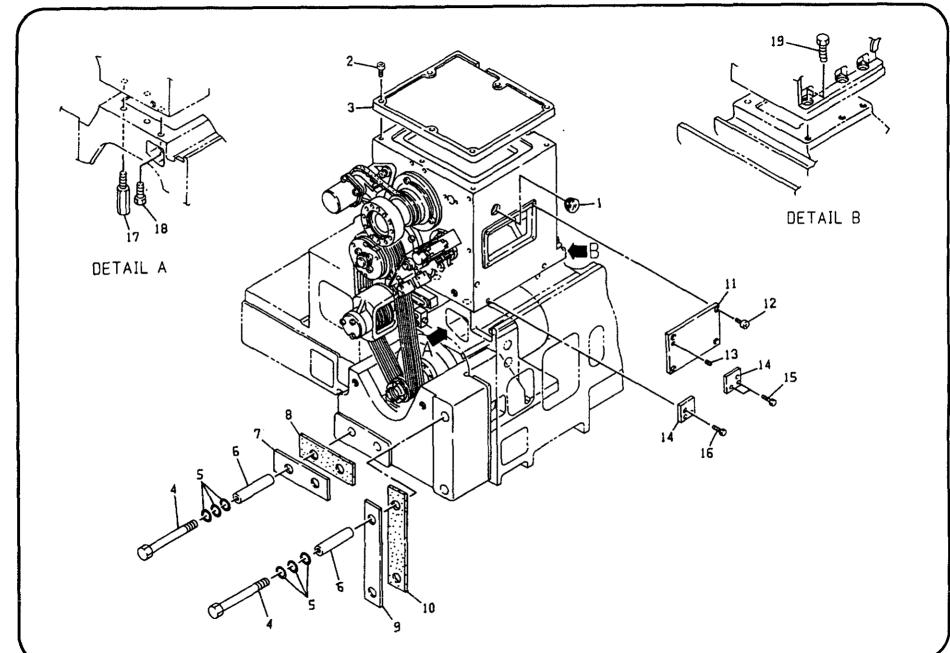
SHEET NO. 2 SPINDLE DRIVE ASSEMBLY (2) (STD)



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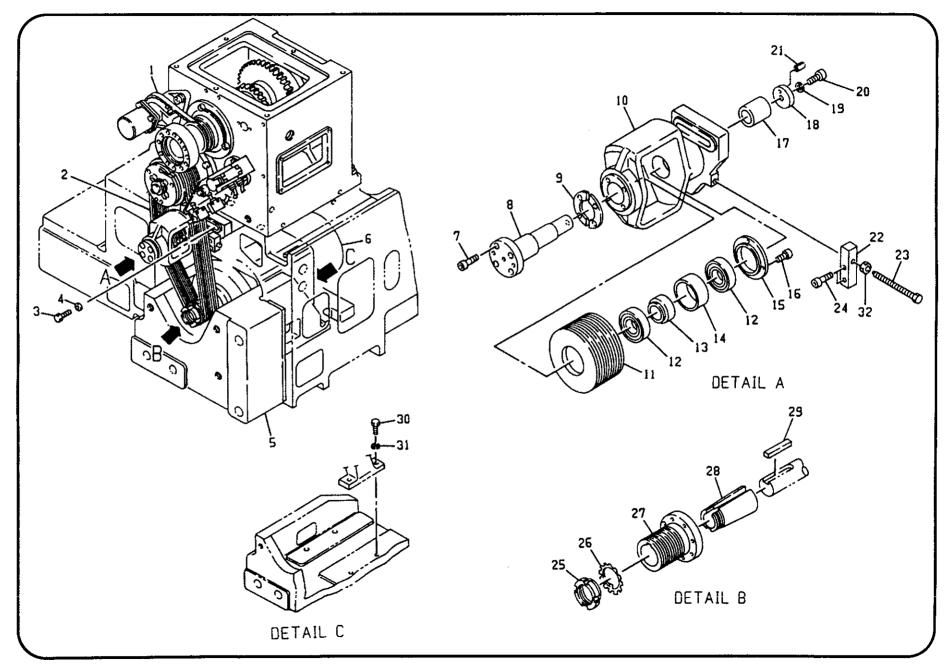
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
2 - 1	C5010-060221	BOLT, SOCKET-HEAD 6X22	A1 18-1527	4					
2 - 2	118-0300-22-3	SHAFT	A118-1527	1					1
2 - 3	118-0300-36	COLLAR	A118-1527	1				ĺ	ł
2 - 4	118-0300-43-2	BRACKET	A118-1527	1			i	ļ	
2 - 5	118-1502-25-01	PULLEY MODEL 4200	A118-1524] 1]			J	1	1
2 - 6	M009-0017-65-1	BEARING NSK 6206	A118-1527	2					ſ
2 - 7	118-0300-29-1	COLLAR	A1 18-1527	1 1					ĺ
2 - 8	118-0300-28-1	COLLAR	A1 18-1527	1 1			}	1	1
2 - 9	118-0300-30-1	HOLDER	A1 18-1527	1				1	
2 - 10	C5010-050121	BOLT, SOCKET-HEAD 5X12	A118-1527	4					
2 - 11	118-0300-23-1	COLLAR	A118-1527	1			ł	Į.	ļ
2 - 12	118-0300-35	WASHER	A118-1527	1					
2 - 13	C5160-000101	WASHER, SPRING 10	A118-1527	1			1		İ
2 - 14	C5010-100301	BOLT, SOCKET-HEAD 10X30	A118-1527	1			l	ì	ł
2 - 15	C5211-040160	PIN, SPRING, 4X16	A118-1527	1					1
2 - 16	K1 18-1527-01-00	SUPPORT	A118-1527	1 1				1	
2 - 17	118-0300-44	BOLT	A118-1527	[1]			(ľ	ł
2 - 18	C5010-080301	BOLT, SOCKET-HEAD 8X30	A118-1527	2		,		1	
2 - 19	C5132-000401	NUT, BEARING 40	A1 18-1524] 1]]		i	
2 - 20	C5152-000400	WASHER, LOCK 40	A118-1524	1 1				Í	ſ
2 - 21	118-1502-24-02	PULLEY MODEL 4200	A118-1524	1				ļ	
2 - 22	118-1500-50-2	SLEEVE MODEL 6	A1 18-1524	1]	
2 - 23	118-1500-51-3	KEY MODEL 6	A118-1524	1					1
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
3 - 1	H0039-0002-14	WINDOW,OIL, KOHO	K118-1004	1					
3 - 1	C2935-000250	WINDOW,OIL, KOHO (STD)	A118-1009	1					
3 - 2	C5010-120351	BOLT, SOCKETHEAD 12X35	A118-1019	6			İ		
3 - 3	118-1000-11-6	CAP	A118-1019	1	1			[
3 - 4	C5000-242201	B0LT 24X220	A118-0104	4				İ	1
3 - 5	C6110-000P30	O-RING 3.5X29.7	A118-0104	12			İ		
3 - 6	118-0100-33-1	COLLAR	A118-0104	4					
3 - 7	118-0100-32-2	PLATE	A118-0104	1			1	1	
3 - 8	H1025-1001-76	CUSHION 80X260X10	A118-0104	1		·			
3 - 9	KW118-0100-31-01	PLATE	A118-0104	1	1				
3 - 10	H1025-1001-75-1	CUSHION 65X400X10	A118-0104	1					
3 - 11	127-0100-03-2	CAP	K118-1009	1					l
3 - 12	C5010-080161	BOLT,SOCKETHEAD 8X16	K118-1009	4					Ī
3 - 13	C5030-008081	SETSCREW,FLATPOINT 8X8	K118-1009	1					l
3 - 14	118-1000-09-1	PLATE	K118-1009	2					ŀ
3 - 15	C5000-120351	BOLT 12X35	K118-1009	4					
3 - 16	C5000-120301	BOLT 12X30	A118X-1009	2					
3 - 17	118-0000-04	BOLT	A118X-0009	2				}	
3 - 18	C5000-240751	BOLT 24X75	A118X-0009	1					
3 - 19	C5000-240801	BOLT 24X80	K118-1009	3					
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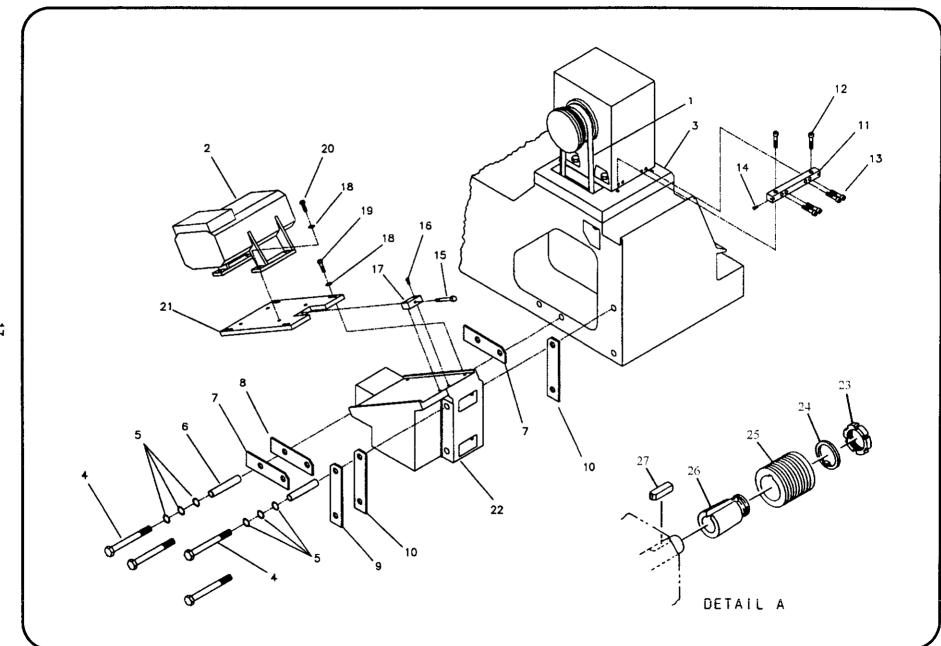
SHEET NO. 4 SPINDLE DRIVE ASSEMBLY (2) (B.B.)



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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
4 - 1	M1131-05315	BELT, BANDO	K118-1004	1					
i						1	}	j	
4 - 2	M119-0012-77	BELT, BANDO 11/7.5KW 3500	A118-1530	1					
4 - 3	C5000-120451	BOLT 12X45	A118-1527	2				1	
4 - 4	C5150-000121	WASHER,PLAIN 12	A1 18-1527	2		ł	ł	1	ł
4 - 5	118-0100-53-2	BASE,MOTOR 11/7.5KW	A118-0104	1				ł	1
4 - 6	E1004-288-011	MOTOR,AC SPINDLE 11/7.5KW	A091-1353	1	1				l .
4 - 7	J9811-7600-06002	BOLT,SOCKETHEAD 6X22	A118-1527	4	1 1		1	ł	1
4 - 8	118-0300-22-3	SHAFT	A118-1527	1					
4 - 9	118-0300-36	COLLAR	A118-1527	1	i		1		
4 - 10	118-0300-43-2	BRACKET	A118-1527	1	1	1	1	}	
4 - 11	118-0300-41-4	PULLEY, TENSION 11/7.5KW 3500	A118-1520	1					1
4 - 12	M009-0017-65-1	BEARING, NSK	At 18-1520	2			1		
4 - 13	118-0300-29-1	COLLAR	A118-1520	1			i	ł	ł
4 - 14	118-0300-28-1	COLLAR	A118-1520	1					1
4 - 15	118-0300-30-1	HOLDER	A118-1520	1			1		
4 - 16	C5010-050121	BOLT,SOCKETHEAD 5X12	A118-1520	4	1	<u> </u>	1	}	ł
4 - 17	118-0300-23-1	COLLAR	A118-1520	1					1
4 - 18	118-0300-35	WASHER	A118-1520	1			j		
4 - 19	C5160-000101	WASHER, SPRING 10	A1 18-1527	1		Í	İ	1	1
4 - 20	C5010-100301	BOLT, SOCKETHEAD 10X30	A118-1527	1		1	}		
4 - 21	i	PIN,SPRING, 4X16	A118-1520	1					1
4 - 22	K1 18-1527-01-00	PLATE	A118-1527	1	i ([Í	ì	1
	118-0300-44	BOLT	A118-1527	1 1			1		1
4 - 24		BOLT.SOCKETHEAD 8X35	77.	2					l
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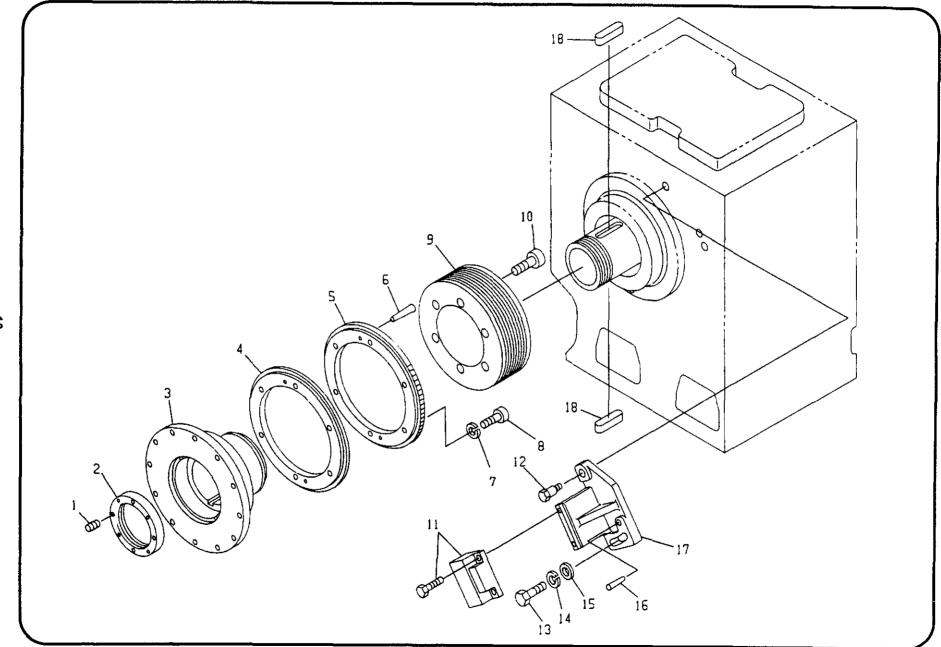
SHEET NO. 5 SPINDLE DRIVE ASSEMBLY (1) (H.S.)



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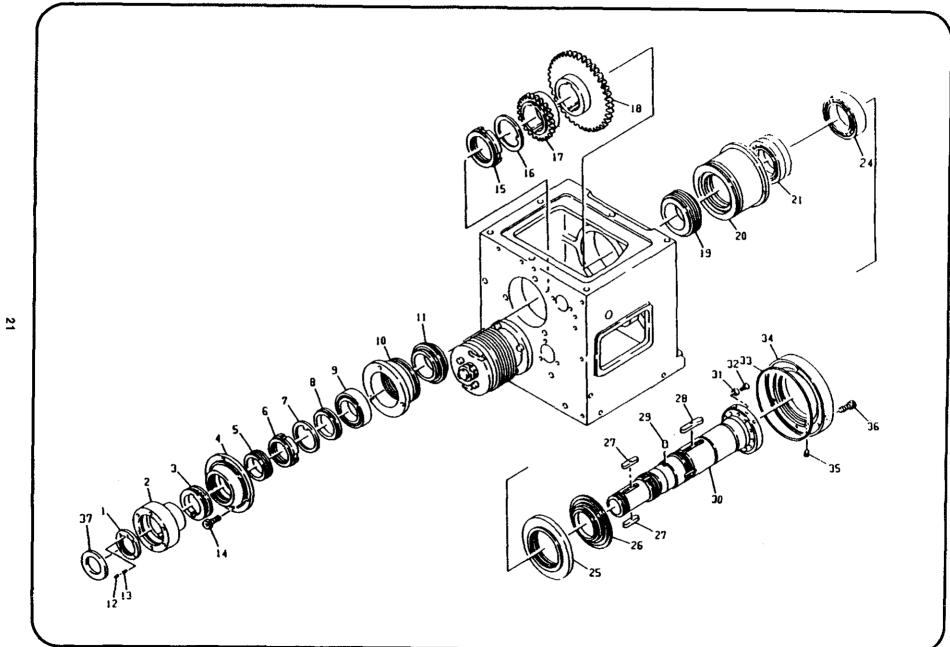
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
5 -1	KM0-0393-00	V-BELT, GOODYEAR 8PK1710	A118-1006	1					1
5 - 2	A091-1352	MOTOR, VAC-MML 11/7.5 R -152	A118-1009	1		1			
5-3	K1 18-1000-06-02	PLATE	At 18-1019	1		ł	1	}	
5 - 4	C5000-242201	BOLT 24X220	A118-0104	4					İ
5 - 5	C6110-000P30	O-RING 3.5X29.7	A118-0104	12				ļ	
5 - 6	118-0100-33-1	COLLAR	A118-0104	2	<u> </u>	1			
5 - 7	K118-0000-07-00	PLATE	A118-0104	1		1	Į.		l
5 - 8	KM1-0392-00	PACKING	A118-0104	2				ł	
5 - 9	K118-0000-06-00	PLATE	A118-0104	1					1
5 - 10	KM1-0391-00	PACKING	A118-0104	2					
5 - 11	K118-1000-07-00	BAR	A118X-1009	1					
5 - 12	C5010-120401	BOLT.SOCKETHEAD 12X40	A118X-1009	2					1
5 - 13	C5010-120451	BOLT, SOCKETHEAD 12X45	A118X-1009	4			ſ	1	i
5 - 14	C5010-060140	BOLT, SOCKETHEAD 6X14	A118X-1009	1					
5 - 16	C5000-120301	BOLT 12X30	A118X-1009	2			1		
5 - 15	125-0010-04	BOLT	A118X-1009	1					j
5 - 17	125-0010-03	BLOCK	A118X-1009	1		J]	•	1
5 - 18	C5140-000121	WASHER, PLAIN 12	A118X-1009	8	İ			[1
5 - 19	C5000-120400	BOLT 12X40	A118X-1009	4		Ī	1		
5 - 20	C5000-120501	BOLT 12X50	A118X-1009	4	l I		İ		
5 - 21	K118-0000-08-02	PLATE	A118X-1009	1				İ	
5 - 22	K118-0000-09-00	BASE, CASTING	A118X-1009	1	1 1	ļ	}	}	
5 - 23	K118-0000-11-00	NUT	A118X-1009	1					
5 - 24	C5153-006000	WASHER	A118X-1009	1					
5 - 25	K118-0000-10-02	PULLEY	A118X-1009	1			1		
5 - 26	127-0150-10-1	SLEEVE	A118X-1009	1					
5 - 27	113-0150-03-1	KEY	A118X-1009	1		ł	1	ł	l
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SHEET NO. 7 SPINDLE DRIVE ASSEMBLY (2) (H.S.)



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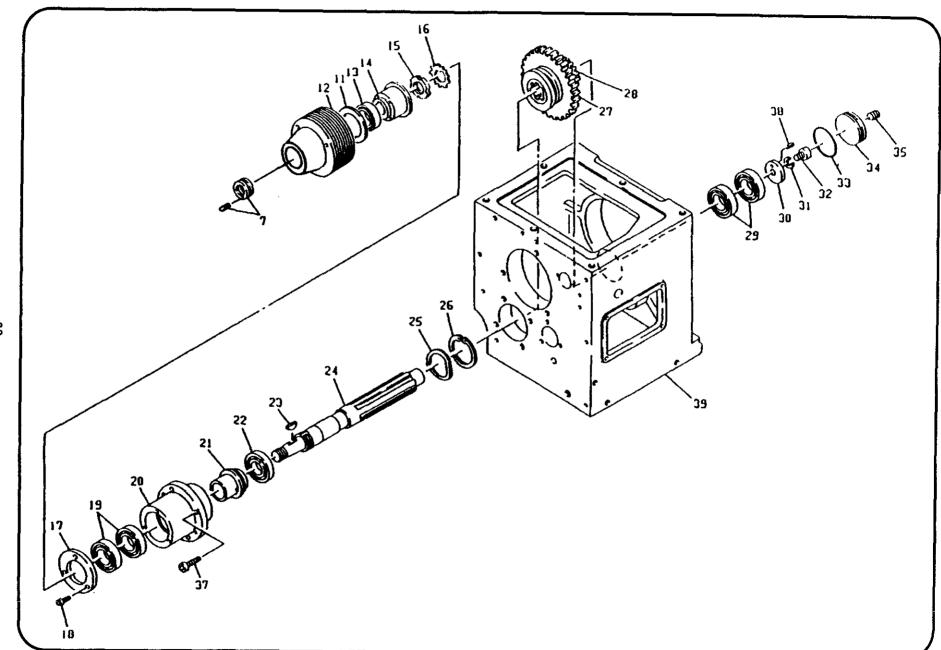
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
7 -1	C5031-006161	SETSCREW,SLOTTED,DOG POINT 6X16	A125-1100	2					
7 - 2	112-0112-07-2	NUT	A125-1100	1				Ì	
7 - 3	125-0110-10	FLANGE	A125-1100	1				j	1 1
7 - 4	125-0130-04-4	RING	A125-1300	1					
7 - 5	125-0130-03-2	GEAR	A125-1300	1					
7 - 6	C5200-040220	TP 4X22	A125-1300	2				ŀ	
7 - 7	C5160-000051	WASHER, SPRING	A125-1300	6					
7 - 8	C5010-050251	BOLT,SOCKETHEAD 5X25	A125-1300	6				ł	}
7 - 9	125-0110-06-01	PULLEY	A125-1100	1					
7 - 10	C5010-080251	BOLT,SOCKETHEAD 8X25	A125-1100	6				<u> </u>	1 1
7 - 11	E3051-396-007-1	ENCODER	A005-8000	1				İ	
7 - 12	125-0130-06	BOLT	A125-1300	1				ŀ	
7 - 13	C5000-080301	BOLT 8X30	A125-1300	1	' i i			ł	ii
7 - 14	C5160-000081	WASHER, SPRINS	A125-1300	1					
7 - 15	C5140-000081	WASHER,POLISHED 8	A125-1300	1				l	
7 - 16	C0200-06251	ETP 6X25	A125-1300	1					
7 - 17	125-0130-05	SUPPORT	A125-1300	1					
7 - 18	C5175-120551	KEY,FEATHER WITH SCREW 12X8X55	A125-1150	2				Í	1 1
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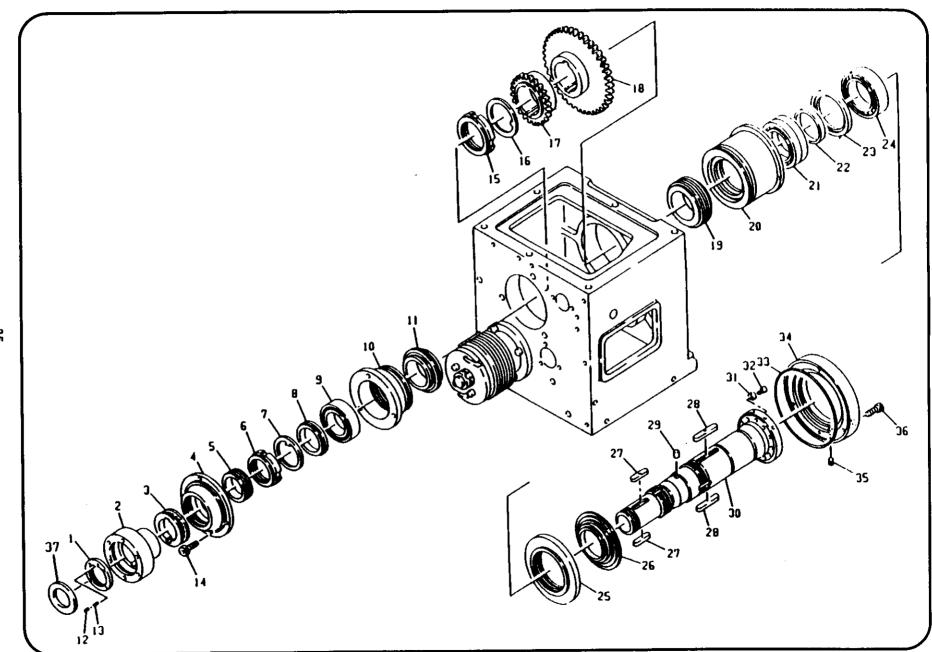
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
9 - 1	123-3111-29-1	NUT	A118-1103	1					
9 - 2	118-1100-28	FLANGE	A118X-1202	1					
9-3	123-7110-05-1	PULLEY, SCYNCHRO	A118-1300	1				J	J j
9 - 4	127-0110-08-3	CAP	A118-1103	1					!
9 - 5	127-0110-09-3	COLLAR	A118-1103	1					
9 - 6	C5131-000851	NUT, BEARING 85	A118-1150	1					
9 - 7	C5153-000850	WASHER, LOCK 85	A118-1150	1					
9 - 8	118-1100-71	COLLAR	A118X-1009	1				Į.	Į ,
9 - 9	M009-0016-81	BEARING	A118-1150	1				1	1
9 - 10	127-0110-07-3	HOUSING	A118-1103	1					
9 - 11	127-0110-10	LABYRINTH	A118-1103	1					1
9 - 12	C5030-006081	SETSCREW, FLATPOINT 6X8	A118-1103	1					
9 - 13	C5031-006101	SETSCREW,SLOTTED,DOGPOINT	A118-1103	1			1	ł	1
9 - 14	C5010-120451	BOLT, SOCKETHEAD 12X45	A118-1103	3					1
9 - 15	C5131-001001	NUT, BEARING 100	A118-1150	1					
9 - 16	C5153-001000	WASHER, LOCK 100	A118-1150	1					
9 - 17	118-1200-04-1	GEAR	A118X-1202	1					
9 - 18	118-1200-03-3	GEAR	A118X-1202	1				ĺ	i i
9 - 19	127-0110-55-3	LABYRINTH	A118-1103	1					
9 - 20	127-0110-51-2	HOUSING	A118-1103	1					
9 - 21	M009-0019-99	BEARING	A118X-1009	1					
9 - 22	127-0110-56	COLLAR	A118-1103	1					
9 - 23	127-0110-57-1	COLLAR	A118-1103	1				[[[
9 - 24	M009-W1680	BEARING	A118-1150	1					
9 - 25	118-1100-39-4	LABYRINTH	A118-1103	1					
9 - 26	118-1100-40-3	LABYRINTH	A118-1103	1			!		
9 - 27	H1002-1000-31	KEY	A118-1103	1	1 1			J]]
9 - 28	C5175-151101	KEY	A118X-1202	1					
9 - 29	C5211-060120	PIN, SPRING, 6XL2	A118-1150	1					
9 - 30	118-1100-01-8	SPINDLE	A118-1150	1					
9 - 31	123-3111-30-1	BLOCK	A118-1103	1					
9 - 32	C5010-080161	BOLT, SOCKETHEAD 8X16	A118-1103	1			1		<u> </u>
9 - 33	C6101-308500	STRING, RUBBER 3X850	A118-1009	1			1		
9 - 34	118-1000-05-5	COVER	A118-1009	1					
9 - 35	C5250-080080	PLUG 8X8	A118-1009	1					
9 - 36	C5010-120501	BOLT,SOCKETHEAD 12X50	A118-1009	6					
9 - 37	H1020-1099-63-1	PLATE	A118-1009	1	 _		<u> </u>	<u> </u>	<u>L</u>

SHEET NO. 10 MAIN SPINDLE 7.5/5.5 KW (2) (STD)



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INDEX	PART NO	DESCRIPTION	UNIT	QTY.	INDE	X PART NO.	DESCRIPTION	UNIT	QTY
10 - 7	H1005-0001-26	NUT, LOCK SPIETH MSR 30X1.5	A118X-1202	1					
10 - 11	M001-AS1116	BEARING INA-NTN AS1116	A118-1527	2					
10 - 12	118-1502-32-03	PULLEY	A118-1524	1					
10 - 13	M001-NK80/35R	BEARING NTN NK80/35R	A118-1524	1					
10 - 14	118-1500-55-5	FLANGE	A118-1527	1					
10 - 15	C5132-000451	NUT, BEARING 45	A118X-1202	1 1	l			1	
10 - 16	C5152-000450	WASHER, LOCK 45	A118X-1202	1				!	
10 - 17	118-1200-23-1	CAP	A118X-1202	1 1					
10 - 18	C5010-060141	BOLT, SOCKET-HEAD 6X14	A118X-1202	3					
10 - 19	M000-6209LLB	BEARING 62091LB M45X85X19	A118X-1202	2				•	
10 - 20	127-0102-01-8	HOUSING	A118X-1202	1					
10 - 21	118-1200-30	COLLAR	A118X-1202	1					
10 - 22	M000-6209Z	BEARING #6209Z	A118X-1202	1 1					
10 - 23	C5171-007380	KEY, WOODRUFF 7X38	A118X-1202	1					
10 - 24	118-1200-24-7	SHAFT	A118X-1202	1				Ì	
10 - 25	H1004-0001-34	WASHER, WAVE IWATA BW12	A118X-1202	1				1	
10 - 26	C5181-000900	SNAP-RING, INTERNAL 90	A118X-1202	1					
10 - 27	118-1200-02-5	GEAR	A118X-1202	1				1	
10 - 28	118-1200-19-4	GEAR	A118X-1202	1					l
10 - 29	M000-6209	BEARING #6209	A118X-1202	2				1	İ
10 - 30	137-0111-14-1	WASHER	A118X-1202	1					
10 - 31	C5160-000101	WASHER, SPRING 10	A118X-1202	1 1					
10 - 32	C5010-100251	BOLT, SOCKET-HEAD 10X25	A118X-1202	1					
10 - 33	C6110-000G80	O-RING G80	A118X-1009	1				l	
10 - 34	127-0100-04-2	COVER, BLIND	A118X-1009	1					
10 - 35	C5030-008101	SET-SCREW, FLAT-POINT 8X10	A118X-1009	1			1	ļ	
10 - 36	C6110-000G85	O-RING G85	A118-1527	1					
10 - 37	C5010-120401	BOLT, SOCKET-HEAD 12X40	A118X-1202	4					
10 - 38	C5211-040100	PIN, SPRING, W 4X10	A118X-1202	1					
10 - 39	118-1000-15-6	HEADSTOCK	A118X-1009	1					
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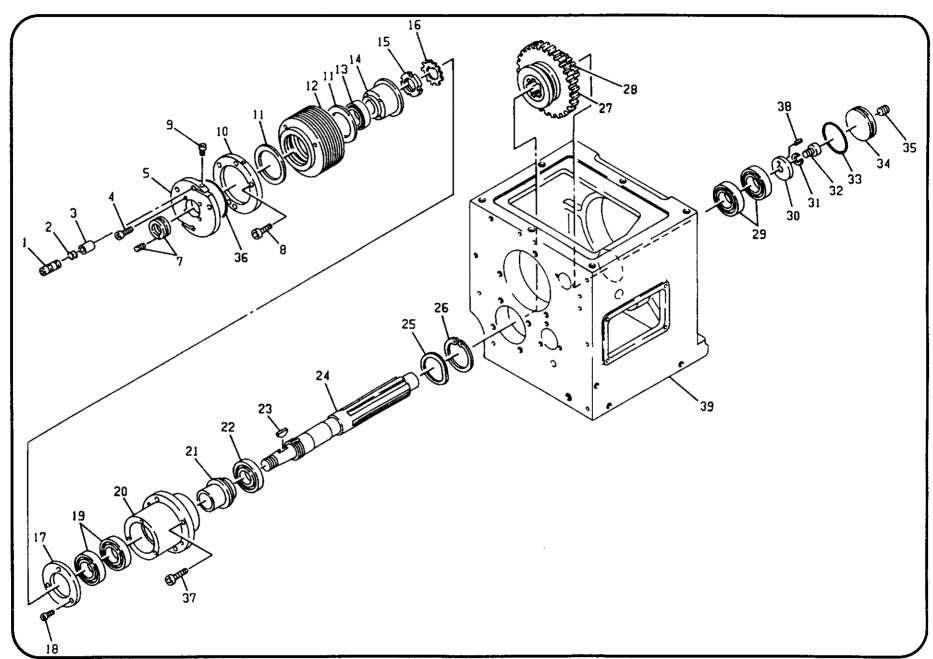


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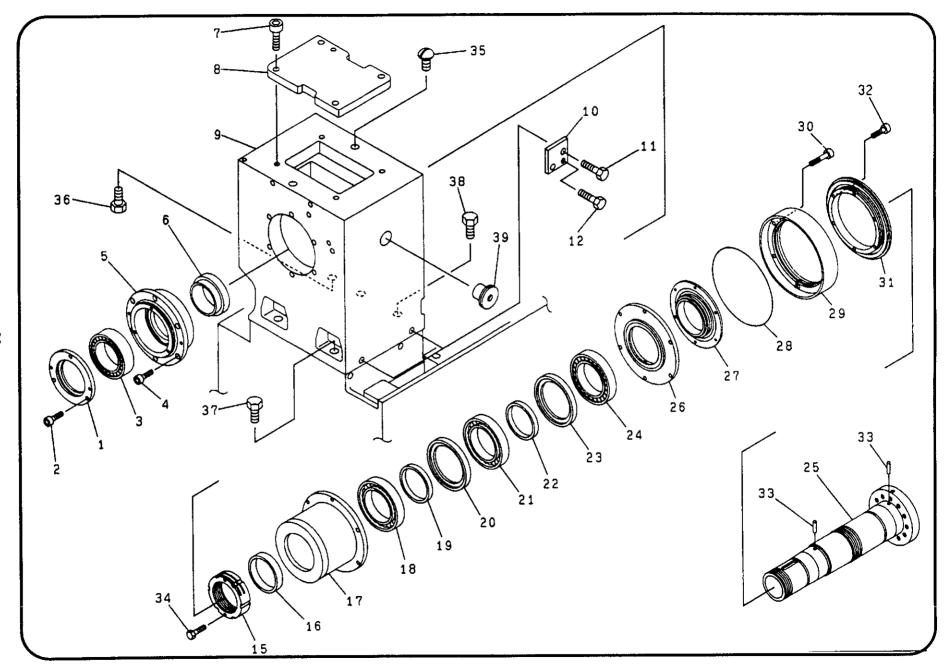
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
11 - 1	123-3111-29-1	NUT	A118-1103	1					
11 - 2	118-1100-28-1	FLANGE	A118X-1009	1					
11 -3	123-7110-05-1	PULLEY, SYNCHRO	A118-1300	1					
11 -4	127-0110-08-3	CAP	A118-1103	1					
11 -5	127-0110-09-3	COLLAR	A118-1103	1		1			
11 - 6	C5131-000851	NUT, BEARING 85	A118-1150	1					
11 -7	C5153-000850	WASHER, LOCK 85	A118-1150	1					
11 -8	118-1100-71-01	COLLAR	A118-1103	1					
11 -9	M009-0016-81	BEARING	A118X-1009	1					
11 - 10	127-0110-07-3	HOUSING	A118-1103	1				ŀ	
11 - 11	118-1100-70-01	LABYRINTH	A118-1103	1					
11 - 12	C5030-006081	SET-SCREW, FLAT-POINT 6X8	A118-1103	1					
11 - 13	C5031-006101	SET-SCREW, SLOTTED, DOG POINT	A118-1103	1					
11 - 14	C5010-120451	BOLT, SOCKET-HEAD 12X45	A118-1103	3					
11 - 15	C5131-001001	NUT,BEARING 100	A118-1150	1 1		ļ			
11 - 16	C5153-001000	WASHER,LOCK 100	A118-1150	1		-			
11 - 17	118-1200-04-1	GEAR	A118X-1202	1					
11 - 18	118-1200-03-3	GEAR	A118X-1202	1					
11 - 19	127-0110-55-3	LABYRINTH	At 18-1103	1					
11 - 20	127-0110-51-2	HOUSING	A118-1103	1	i I				
11 -21	M009-0019-99	BEARING	A118X-1 00 9	1					
									i i
11 - 24	M009-0016-80	BEARING	A118X-1009	1	[
11 - 25	118-1100-39-4	LABYRINTH	A118-1103	1					
11 - 26	118-1100-40-3	LABYRINTH	A118-1103	1	i I				
11 - 27	H1002-1000-31	KEY	A118-1103	1	i I				
11 - 28	H1002-1000-29	KEY	A118X-1202	2					
11 - 29	C5211-060120	PIN, SPRING, W 6X12	A1 18-1150	1	i i				,
11 - 30	118-1100-01-8	SPINDLE	A118-1150	1					
11 - 31	123-3111-30-1	BLOCK	A118-1103	1		ľ			
11 - 32	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118-1103	1					
11 - 33	C6101-308500	STRING, RUBBER 3X850	A118X-1009	1	i				
11 - 34	118-1000-05-5	COVER	A118X-1009	1					
11 - 35	C5250-080080	PLUG 8X8	A118X-1009	1					
11 - 36	C5010-120501	BOLT, SOCKET-HEAD 12X50	A118X-1009	6					
11 - 37	H1020-1099-63-1	PLATÉ	A118X-1009	1					

SHEET NO. 12 MAIN SPINDLE 11/7.5 KW (2) (B.B.)



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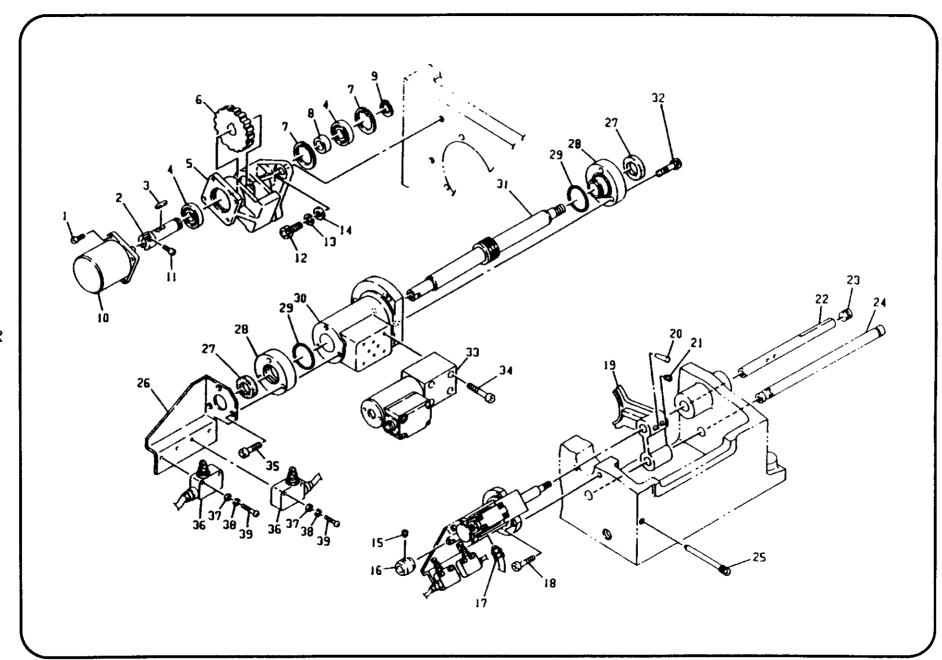
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
12 - 1	118-1500-60-4	PIN	A118-2911	2	12 - 39	118-1005-06-4	HEADSTOCK	A118-1006	1
12 - 2	C6110-0000P8	O-RING P8	A118-2911	4					
12 - 3	118-1500-59-1	GIB	A118-1527	2					
12 - 4	C5010-080251	BOLT,SOCKETHEAD 8X25	A118-1527	3					
12 - 5	118-1500-58-3	FLANGE	A118-1527	1			1	1	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					ŀ
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					1
12 - 14	118-1500-55-5	FLANGE	A118-1527	1					
12 - 15	C5132-000451	NUT,BEARING 45	A118-1206	. 1				ĺ	
12 - 16	C5152-000450	WASHER,LOCK 45	A118-1206	1			Ì		
12 - 17	118-1200-23-1	CAP	A118-1206	1	1 1	1			
12 - 18	C5010-060141	BOLT,SOCKETHEAD 6X14	A118-1206	3					i
12 - 19	M000-6209LLB	BEARING, NTN	A118-1206	2	11			- 1	1
12 - 20	127-0102-01-8	HOUSING	A118-1206	1				1	1
12 - 21	118-1200-30	COLLAR	A118-1206	1	ii		1	1	Į.
12 - 22	M000-6209Z	BEARING	A118-1206	1				i	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	11				
12 - 26	C5181-000900	SNAPRING,INTERNAL 90	A118-1206	1					
12 - 27	118-1200-02-5	GEAR	A118-1206	1					1
12 - 28	118-1200-19-4	GEAR	A118-1206	1	!				l
12 - 29	M000-6209	BEARING	A118-1206	2					ļ
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					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	ORIN6 3.1X84.4	A118-1527	1	1 i				
12 - 37	C5010-120401	BOLT,SOCKETHEAD 12X40	A118-1206	4					
12 - 38	C5211-040100	PIN,SPRING 4X10	A118-1206	1		<u> </u>			<u> </u>



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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO	DESCRIPTION	UNIT	QTY.
13 - 1	125-0110-13-01	CAP	A125-1100	1					
13 - 2	C5010-050121	BOLT, SOCKETHEAD 5X12	A125-1100	3	l I i				
13 - 3	M009-0011-75	BEARING, NTN NN3014L1X KC1NAP4	A125-1150	1					1 1
13 -4	C5010-080201	BOLT,SOCKETHEAD 8X20	A125-1100	6					1
13 - 5	125-0110-09-4	HOUSING	A125-1100	1					
13 - 6	112-0112-02-2	COLLAR	K118-1005	1				Ì	
13 - 7	C5010-120251	BOLT,SOCKETHEAD 12X25	K118-1005	4]
13 - 8	125-0100-02-1	CAP	K118-1005	1					
13 - 9	125-0100-01-8	HEADSTOCK	K118-1005	1			(į.	1 1
13 - 10	118-1000-09-1	PLATE	K118-1005	2					
13 - 11	C5000-120351	BOLT 12X35	K118-1005	4					
13 - 12	C5000-120301	BOLT 12X30	K118-1005	2	i i i			İ	1 1
13 - 15	125-0110-18	NUT	A125-1150	1					
13 - 16	117-0110-06-2	COLLAR	A125-1100	1					
13 - 17	125-0110-02-1	HOUSING	A125-1100	1				ł	
13 - 18	M009-0012-03	BEARING, NTN HSA016DB/ GNP4L	A125-1150	1					1
13 - 19	125-0110-07-01	COLLAR	A125-1100	1				1	
13 - 20	125-0110-08-02	COLLAR	A125-1100	1 1				ł	ł i
13 - 21	M009-0012-03	BEARRNG HSAO/6CB/GNP4L	A125-1150	1				l	
13 - 22	125-0110-07-01	COLLAR	A125-1100	1					ļ .
13 - 23	125-0110-08-02	COLLAR	A125-1100	1		•	İ	1	1 1
13 - 24	M009-0012-04	BEARING, NTN NN3016L1X KC1NAP4	A125-1150	1					
13 - 25	125-0110-01-4	MAIN SPINDLE	A125-1150	1					
13 - 26	125-0110-03-01	LABYRINTH	A125-1100	1			ĺ	ì	ł
13 - 27	125-0110-04-02	LABYRINTH	A125-1100	1					1
13 - 28	C6101-206500	STRLNG,RUBBER 2X650	A125-1100	1				1	1 1
13 - 29	125-0110-05-02	CAP	A125-1100	1				ł	ł į
13 - 30	C5010-080401	BOLT,SOCKETHEAD 8X40	A125-1100	6					
13 - 31	112-0111-15-3	LABYRINTH	A125-1100	1					
13 - 32	C5010-040161	BOLT,SOCKETHEAD 4X16	A125-1100	6				ł	1
13 - 33	C5201-005080	PIN,PARALLEL 5X8	A125-1150	2			1	ŀ	
13 - 34	C5000-060161	BOLT 6X16	A125-1150	2					
13 - 35	C5022-000121	PLUG,FILLER,EYEBOLT H	K118-1005	2			}	ł	}
13 - 36	C5000-160551	BOLT 16X55	K118-1005	1					1 1
13 - 37	C5000-160501	BOLT 16X50 -	K118-1005	3					
13 - 38	C5000-160451	BOLT 16X45	K118-1005	1				1] [
13 - 39	C0500-000351	COVER, BLIND 35	K118-1005	1			<u>L</u>		

SHEET NO. 15 SPINDLE SPEED CHANGE GEAR SHIFTER (STD)

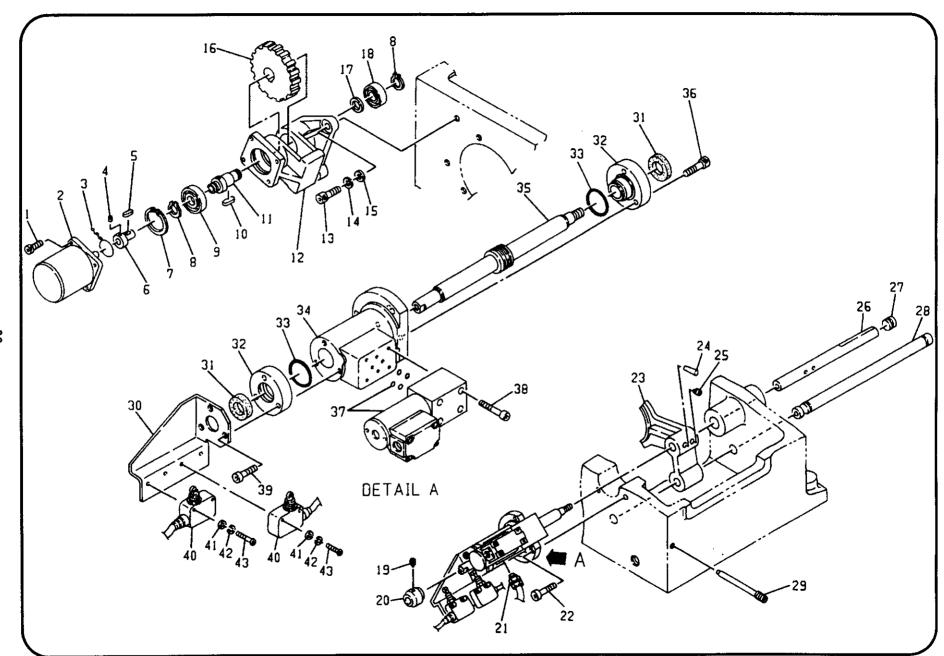


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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
15 - 1	C5010-050141	BOLT, SOCKET-HEAD 5X14	A118-1300	4
15 - 2	118-1300-03-4	SHAFT	A118-1300	1
15 - 3	C5170-050250	KEY,FEATHER 5X5X25	A1 18-1300	1
15 - 4	M000-6204ZZP6	BEARING 6204ZZP6	A118-1300	2
15 - 5	K118-1000-41-00	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	ПР 6X36	A1 18X-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	A118X-1202	1
		DIVWIAJW F59		
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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SHEET NO. 16 SPINDLE SPEED CHANGE GEAR SHIFTER (B.B.)

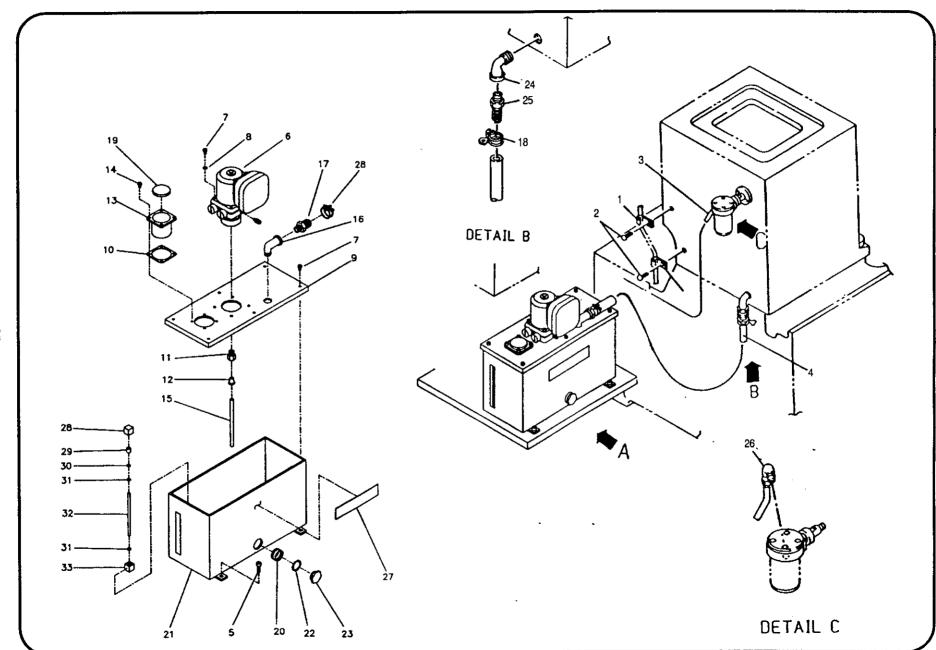


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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
16 - 1	C5010-050141	BOLT,SOCKETHEAD 5X14	A1181006	4
16 - 2	Х	OPTCODER		1
16 - 3	M1200-6080	WIRE,STEEL MO.6X80	A1181006	1
16 - 4	C5030-006081	SETSCREW,FLATPOINT 6 X 8	A1181006	1
16 - 5	C5170-040150	KEY,FEATHER 4X4X15	A1181006	1
16 - 6	174-7100-03-2	SHAFT	A1 181006	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	A1 181006	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	A1 181206	1
16 - 27	C0500-000201	COVER,BLIND 20	A1 181006	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	A1 181206	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
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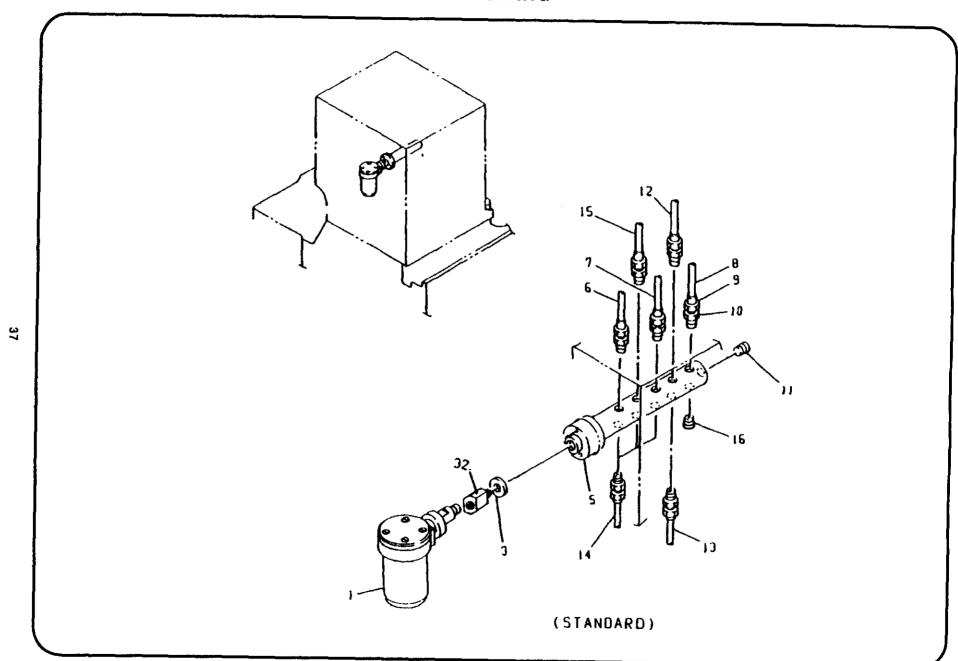
SHEET NO. 18 HEADSTOCK LUBRICATION TANK



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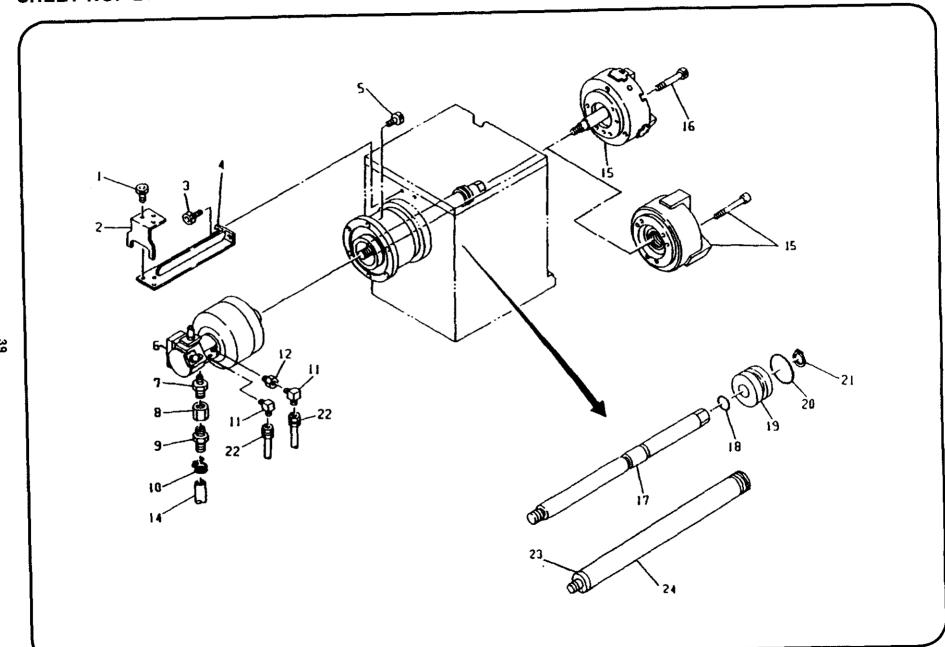
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
18 - 1	127-0100-10	PIPE HOLDER	K118-1011	1	18 - 33	KM0-1132-00	BLOCK,SG VOGEL 9832 001 001	K118-1011	1
18 - 2	C5040-005081	SCREW, PANHEAD 5X8	K118-1011	2					
18 - 3	F1234-1500-0	TUBE, SYNFLEX	K118-1011	1			}	1]
18 - 4	C7793-250600	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					l
18 - 7	KM0-1121-00	BOLT, VOGEL 9492 042 102	K118-1011	6				ł	ł
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				1	
18 - 11	KF0-1095-00	FITTING, MALE VOGEL 408-202	K1 18-1011	1					
18 - 12	KF0-1094-00	SLEEVE,CONE VOGEL 408-001	K118-1011	1			4	ľ	ł
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			į.		
18 - 17	KM0-1131-00	WASHER, RUBBER VOGEL P50.34	K118-1011	1			1	ľ	ſ
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	х	DRAIN, VOGEL 9511 000 001	K118-1011	1			J		j
18 - 21	KM0-1135-00	TANK, LUBRICATION (VOGEL)	K1 18-1011	1					
18 - 22	KM0-1124-00	WASHER, VOGEL ZMB 3.08	K118-1011	1					i
18 - 23	KM0-1123-00	PLUG, DRAIN VOGEL B3.48	K118-1011	1				1	
18 - 24	C7812-000442	M ELBOW, STREET 3/4	K118-1011	1					
18 - 25	C7872-002542	JOINT, HOSE 3/4(25)	K1 18-1011	1					
18 - 25	C7872-002542	JOINT, HOSE 3/4(25)	K118-1011	1				1	l
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	K1 18-1011	1					
18 - 27	х	NAMEPLATE, VOGEL 9040 000 001	K118-1011	1			Į.	ł	ł
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					1
18 - 31	KM0-1131-00	WASHER, RUBBER VOGEL P50.34	K118-1011	2					1
18 - 32	KM0-1134-00	GLASS, SIGHT		1					1



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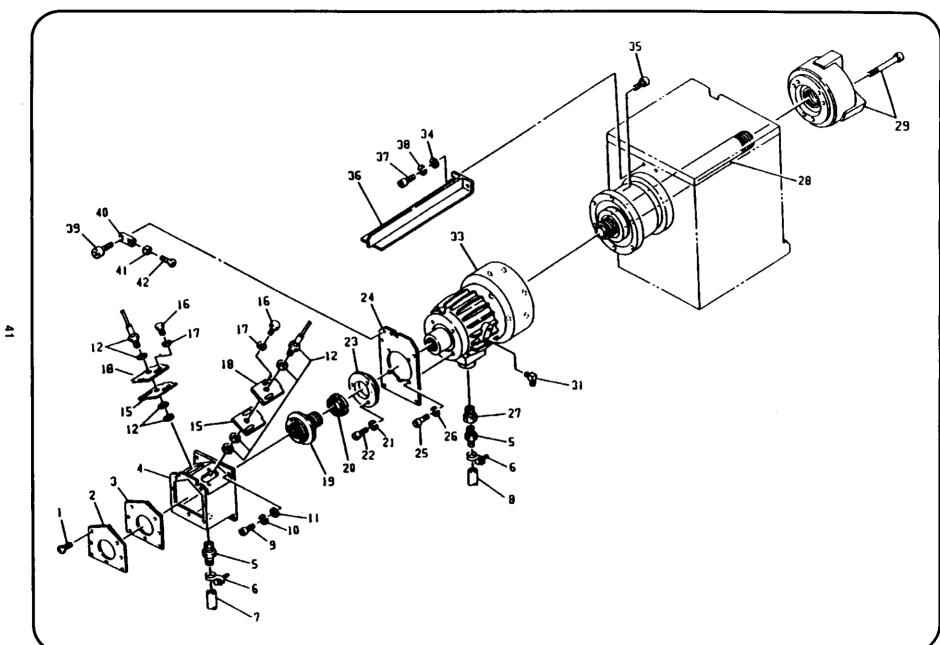
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	11	NDEX	PART NO.	DESCRIPTION	UNIT	QTY.
19 - 1	H0032-1161-03	FILTER UNIT SHOKETSU	A118X-1202	1						
19 - 3	H0031-0161-07	PACKING	A118X-1202	. 1						
19 - 5	118-1400-16-01	TNIOL	A118X-1202	1						
19 - 6	C7780-205800	COPPER PIPE F 5X580	A118X-1202	2		1				
19 - 7	C7780-205000	COPPER PLPE 5X500	A118X-1202	1		1				
19 - 8	C7780-207100	COPPER PIPE 5X710	A118X-1202	2		ł				
19 - 9	C7770-000022	NUT 5	A118X-1202	10						1
19 - 10	C7720-000222	F-NIPPLE 5TS	A118X-1202	10						1
19 - 11	C7861-000012	PLUG, SOCKET-HEAD 1/4	A118X-1202	1						1
19 - 12	C7780-208500	COPPER PIPE 5X850	A118X-1202	1						I
19 - 13	C7780-202900	COPPER PIPE F 5X290	A118X-1202	2		ļ				
19 - 14	C7780-202500	COPPER PIPE 5X250	A118X-1202	1		l				ļ '
19 - 15	C7780-206000	COPPER PIPE 5X600	A118X-1202	1		1	:			1
19 - 16	C7861-000002	PLUG, SOCKET-HEAD 1/8	A118X-1202	11						
19 - 17	C6110-000G25	O'RING	A118X-1202	1						
19 - 18	C5035-123262	SET-SCREW, D.P. 12X16	A118X-1202	1						
19 - 19	C5036-012161	SET-SCREW, F.P. 12X16	A118X-1202	1						

HYDRAULIC POWER CHUCK AND CYLINDER (SOLID) SHEET NO. 21



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
21 - 1	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118-8152	3					
21 - 2	KW118-8108-56-01	SUPPORT	A118-8152	1		1			i i
21 - 3	C501-080161	BOLT, SOCKET-HEAD 8X16	A118-8152	2					
21 - 4	118-8108-55-02	SUPPORT	A118-8152	1					Į.
21 - 5	C5010-120561	BOLT, SOCKET-HEAD 12X65	A118-1009	6					1
21 - 6	H0001-0004-26	CYLINDER, Y1225RE, KITAGAWA	A118-8914	1			}	ł	1
21 - 7	C7800-000412	M-NIPPLE 3/4X1/4	A515-3070	1				ļ	
21 -8	C7805-000442	M SOCKET 3/4	A515-3070	1					
21 - 9	C7872-002542	JOINT, HOSE 3/4	A118X-8100	2					
21 - 10	C2765-000351	CLAMP, WIRE 35 SUGITA AK-1035	A118X-8100	2		ł		ł	1
21 - 11	KD7870-020022	ELBOW, HOSE JOINT 3/8, YOKOHAMA	A118X-8100	2			ļ		1
21 - 12	H0010-0013-31	SOCKET SANWA 3/8X3/8	A118X-8100	1					
21 - 14	C7792-252700	HOSE, VINYL 25X2700	A1 18X-8100	1			•		1
21 - 15	T009-200-005-90	CHUCK, HYDRAULIC N-108A0601, SOLID	A515-3070	1		}			1 .
21 - 15	T009-200-005-13	CHUCK, HYDRAULIC B-08A0601A, HOLLOW	A118-8904	1					Į l
21 - 16	X	BOLT, SOCKET-HEAD 1/2-13UNC		6					1
21 - 17	118-8108-54	SHAFT	A1 18X-8155	1					
21 - 18	C6110-000P29	O-RING P29	A118X-8155	1		ļ	ļ	ļ	Į.
21 - 19	118-8100-03	COLLAR	A118X-8155	1					
21 - 20	C6110-000P50	O-RING P50	A118X-8155	. 1					
21 - 21	C5180-000350	SNAP-RING, EXTERNAL	A1 18X-8155	1					i
21 - 22	KF0-0298-01	HOSE, PARKER, F421FUFU060606-126.0	A118X-2150	2		ļ]]]
21 - 23	118-8109-07-1	COLLAR (FOR HOLLOW CHUCK)	1	1					1
21 - 24	118-8116-15-01	DRAW TUBE (FOR HOLLOW CHUCK)	A118-8262	1					
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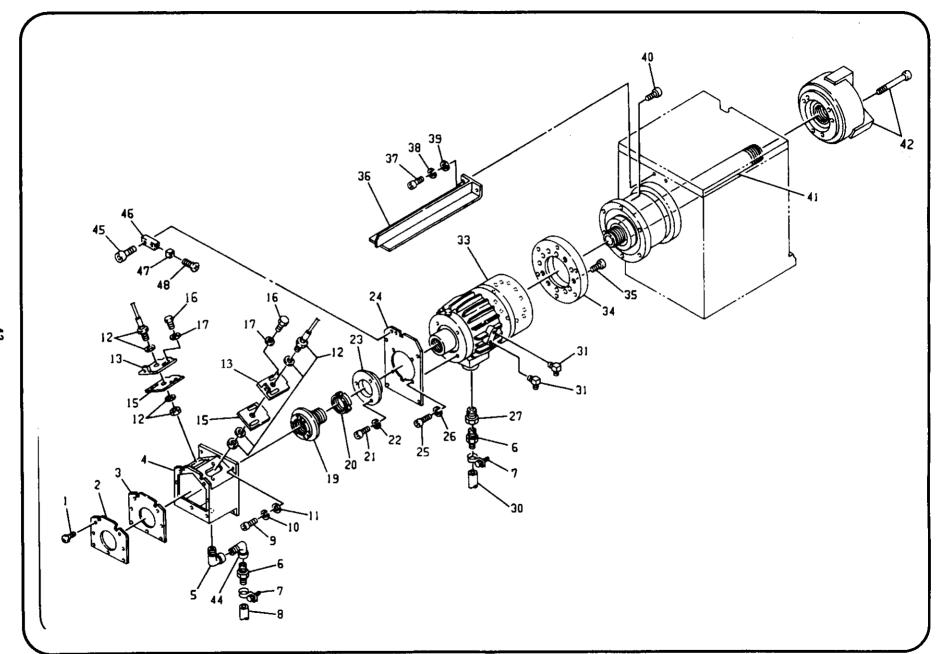
SHEET NO. 22 HYDRAULIC HOLLOW CHUCK AND CYLINDER (STD)



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	Ì
22 - 1	C5040-005081	SCREW, PAN-HEAD 5X8	A1 18B-8252	7	
22 - 2	K118-8000-06-01	CAP	A118B-8252	1	ı
22 - 3	KMI-0301-01	PLATE 145X160X1	A118B-8252	1	
22 - 4	K118-8000-05-01	BOX	A118B-8252	1	İ
22 - 5	C7872-002542	JOINT, HOSE	A118B-8250	3	l
22 - 6	C2765-000351	CLAMP, WIRE	A118B-8250	3	
22 - 7	C7793-251500	HOSE, VINYL	A118B-8250	1	ı
22 - 8	C7793-252700	HOSE, VINYL	A118B-8250	1	l
22 - 9	C5010-060161	BOLT, SOCKET-HEAD 6X16	A1 18B-8252	4	
22 - 10	C5160-000061	WASHER, SPRING 6	A118B-8252	4	ı
22 - 11	C5140-000061	WASHER, POLISHED 6	A118B-8252	4	ĺ
22 - 12	E3020-397-102	SÉNSOR, PROXIMITY SWILCH	A118-8950	2	ı
22 - 15	KMI-0302-01	PLATE	A118B-8252	2	i
22 - 16	C5010-060101	BOLT	A118X-8252	4	i
22 - 17	C5140-000061	WASHER, POLISHED 6	A118X-8252	4	i
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	l
22 - 23	118-8108-65-1	PLATE	A118X-8252	1	ĺ
22 - 24	118-8108-66-3	PLATE	A118X-82S2	1	
22 - 25	C5010-060161	BOLT, SOCKET-HEAD 6X16	A118X-8252	4	ı
22 - 26	C5161-000061	WASHER, SPRING, FOR HOLE 6	A118X-8252	4	l
22 - 27	C7846-000542	M-BUSHING 1X3/4	A118B-8250	1	l
22 - 28	118-8116-15-02	PIPE, STEEL	A118-8262	1	ı
22 - 29	T009-200-005-90	CHUCK, HYDRAULIC	A118-8904	1	
22 - 30	X	BOLT, SOCKET-HEAD 1/2-13UNC	ľ	6	l
22 - 31	KD7870-020022	ELBOW, HOSE JOINT	A118B-8250	2	
22 - 33	H0001-0003-07	CYLINDER, HYDRAULIC	A118-8912	1	ı
22 - 34	C5140-000081	WASHER, POLISHED 8	A1 18X-8252	2	ľ
22 - 35	C5010-120651	BOLT, SOCKET-HEAD 12X65	A118X-1009	6	ı
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	A1 18X-8252	2	ı
22 - 39	C5010-050201	BOLT, SOCKET-HEAD 5X20	A118X-8252	2	ı
22 - 40	118-8113- 16	BLOCK		1	ĺ

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
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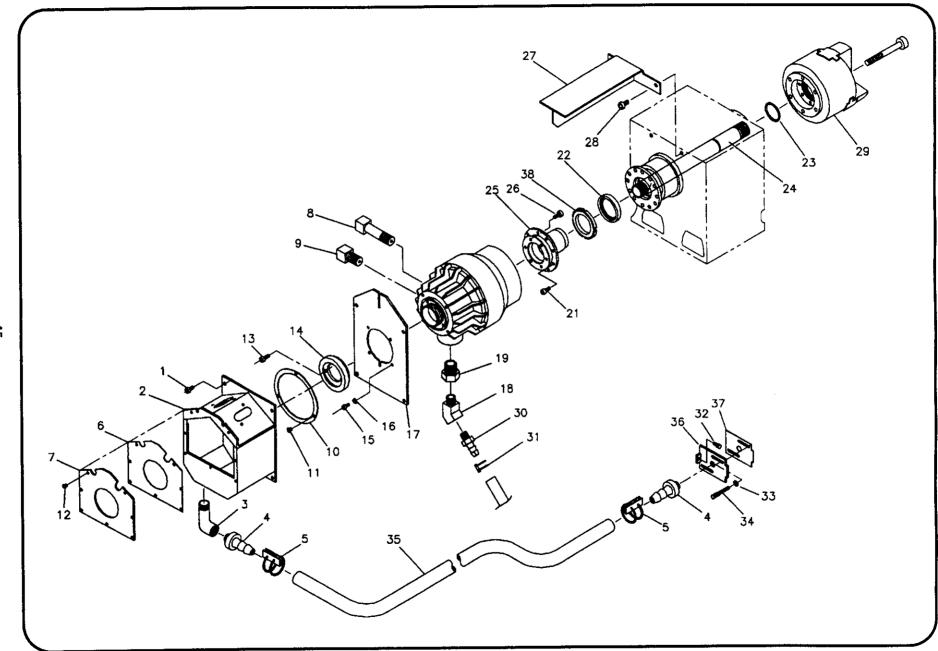
SHEET NO. 23 HYDRAULIC HOLLOW CHUCK AND CYLINDER (B.B.)



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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
23 - 1	C5040-005081	SCREW,PANHEAD 5X8	K118-8007	7	23 - 38	C5160-000081	WASHER, SPRING 8	K118-8007	2
23 - 2	K118-8000-09-00	CAP	K118-8007	1	23 - 39	C5140-000081	WASHER, POLISHED 8	K118-8007	2
23 - 3	KM1-0315-00	PLATE	K118-8007	1	23 - 40	C5010-120351	BOLT, SOCKETHEAD 12X35	A118-1009	6
23 - 4	K118-8000-07-00	BOX	K118-8007	1	23 - 41	118-8109-02-3	PIPE,STEEL	A118-8267	1
23 - 5	C7813-000442	M ELBOW,STREET 3/4	K118-8007	1	23 - 42	T009-200-005-16	CHUCK,HYDRAULIC, KITAGAWA	A118-8907	1
23 - 7	C2765-000351	CLAMP, WIRE, SUGITA 35	A118-8250	3	23 - 44	C7812-000442	M-ELBOW,STREET 3/4	A118-8250	1
23 - 8	C7793-251500	HOSE,VINYL 25X1500	A118-8250	1	23 - 45	C5010-050201	BOLT,SOCKETHEAD 5X20	K118-8007	2
23 - 9	C5010-060161	BOLT,SOCKETHEAD 6X16	K118-8007	4	23 - 46	118-8113-16	BLOCK	K118-8007	1
23 - 10	C5160-000061	WASHER,SPRING 6	K118-8007	4	23 - 47	H1020-1098-30	PLATE 13.5 X 13.5 X 7	K118-8007	1
23 - 11	C5140-000061	WASHER, POLISHED 6	K118-8007	4	23 - 48	C5050-005101	SCREW,FLATHEAD 5X10	K118-8007	1
23 - 12	E3020-397-102	SENSOR,PROXIMITY SWITCH	A118-8950	2					
23 - 13	K118-8000-10-00	BRACKET	K118-8007	2					
\	1/11/1 00/1 00	DI ATE	V440.000=					ĺ	
1	KM1-0314-00	PLATE	K118-8007	2					
23 - 16		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 1					
23 - 20	118-8108-98	NUT	K1 18-8007	1					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				ŀ	
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 IOINT, 3/8	A118-8250	2					
					ı				
23 - 33	H0001-0003-08	CYLINDER,HYDRAULIC, KITAGAWA	A118-8913	1					
23 - 34		FLANGE	K118-8007	1					
23 - 35		BOLT,SOCKETHEAD 12X35	K118-8007	6					
23 - 36		SUPPORT	K118-8007	1					
23 - 37		BOLT,SOCKETHEAD 8X20	K1 18-8007	2					
23 - 38	C5160-000081	WASHER,SPRING 8	K118-8007	2			1		
23 - 39	C5140-000081	WASHER,POLISHED 8	K1 18-8007	2					
23 - 40	C5010-120351	BOLT,SOCKETHEAD 12X35	A1 18-1009	6					l

SHEET NO. 24 HYDRAULIC HOLLOW CHUCK AND CYLINDER (H.S.)

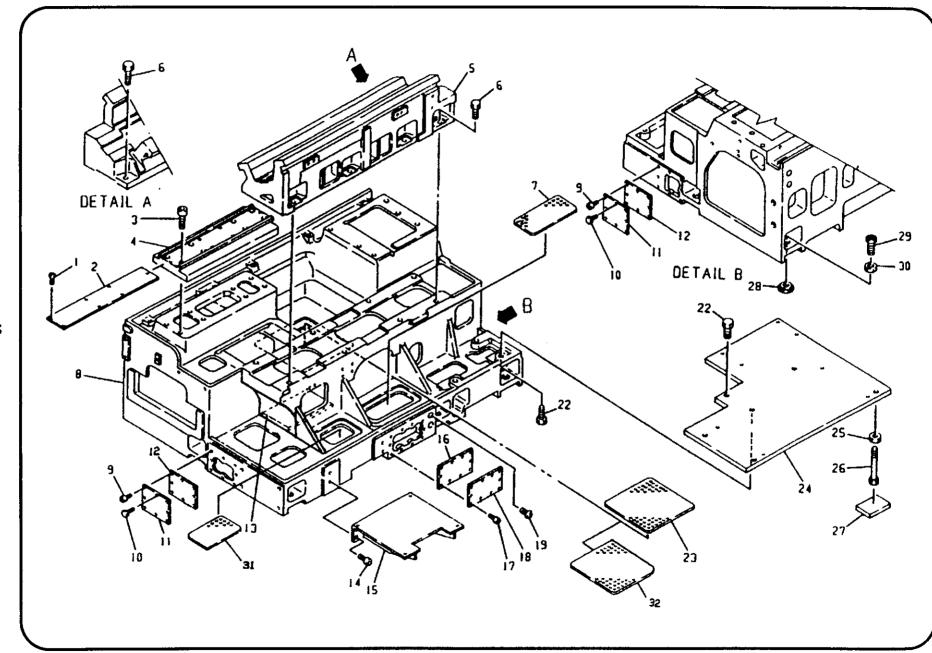


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	4
24 - 1	C5010-060121	BOLT,SOCKETHEAD 6X12	A125-8252	4	24 - 37	' KM
24 - 2	K118-8000-05-01	BOX	A125-8252	1	24 - 38	12:
24 - 3	C7812-000442	M-ELBOW,STREET 3/4	A125-8252	1		
24 - 4	C7872-002542	JOLNT, VINYL HOSE 3/4(25)	A125-8252	2		ļ .
24 - 5	C2765-000351	CLAMP, WIRE 35, SUGITA AK-1035	A125-8252	2		1
24 - 6	KM1-0301-00	PACKING 145X160X1	A125-8252	1		1
24 - 7	K1 18-8000-06-00	COVER	A125-8252	2		1
24 - 8	112-6132-24	JOINT	A125-8252	1		1
24 - 9	112-6132-25	JOINT	A125-8252	1		
24 - 10	125-1020-08	CAP	A125-8262	1		1
24 - 11	C5040-006081	SCREW, PAN HEAD 6X8	A125-8262	1		1
24 - 12	C5040-005081	SCREW, PAN HEAD 5X8	A125-8262	7		
24 - 13	C5010-060161	BOLT, SOCKETHEAD 6X16	A125-8252	3		1
24 - 14	112-6132-16	PLATE	A125-8252	1	i i	i
24 - 15	C5010-060141	BOLT,SOCKETHEAD 6X14	A125-8252	4		1
24 - 16	C5161-000061	WASHER, SPRING, FOR HOLE	A125-8252	4		1
24 - 17	112-6132-15	PLATE	A125-8252	1		ĺ
24 - 18	C7813-000442	ELBOW,STREET,M45R 3/4	A125-8252	1		
24 - 19	C7846-000542	M-BUSHING 1X3/4	A125-8252	1		1
24 - 20	KT1-0275-00	CYLINDER, HYDRAULIC KITAGAWA \$1243-01B	A125-8910	1		1
24 - 21	C5010-080251	BOLT,SOCKETHEAD 8X25	A125-8252	12		1
24 - 22	H1020-1090-46	BUSHING M92XM62X12	A125-8252	1		
24 - 23	C6110-000G45	O-RING 3.1X44.4	A125-8262	1		
24 - 24	125-3000-92-01	DRAWTUBE	A125-8262	1		
24 - 25	t25-3001-15	DOG		1		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		1
24 - 29	T009-200-007-71	CHUCK KITAGAWA B07	A112-5032	1		1
24 - 30	C7872-002542	JOINT,HOSE	A125-8252	2		
24 - 31	C2765-000351	CLAMP,WIRE	A125-8252	2	1	1
24 - 32	C5010-060121	BOLT,SOCKETHEAD 6X12	A125-8252	2		1
24 - 33	C5140-000061	WASHER,POLISHED 6	A125-8252	2		1
24 - 34	118-8108-76	BOLT	A125-8252	2	!	1
24 - 35	C7792-252000	HOSE,VINYL 25X2000	A125-8252	1		Ţ
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
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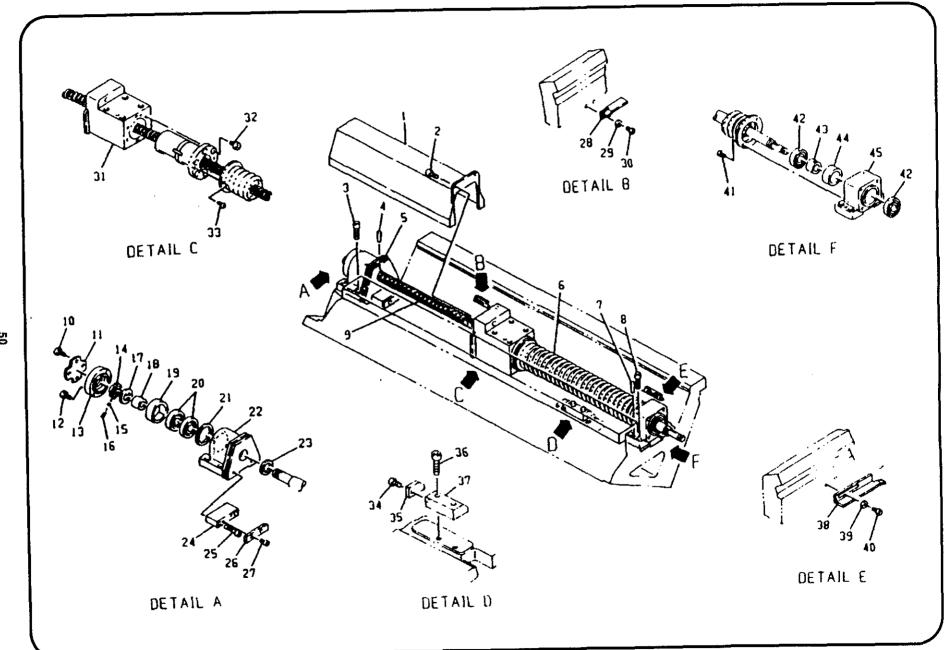
BALL-SCREW GROUP

BED AND BASE	48
Z-AXIS BALL-SCREW	. 50
Z-AXIS DRIVE UNIT	52
SADDLE INSTALLATION	. 54
X-AXIS BALL-SCREW	. 56
X-AXIS DRIVE UNIT (1)	. 58
X-AXIS DRIVE UNIT (2)	. 60
CROSS-SLIDE INSTALLATION	ഭാ



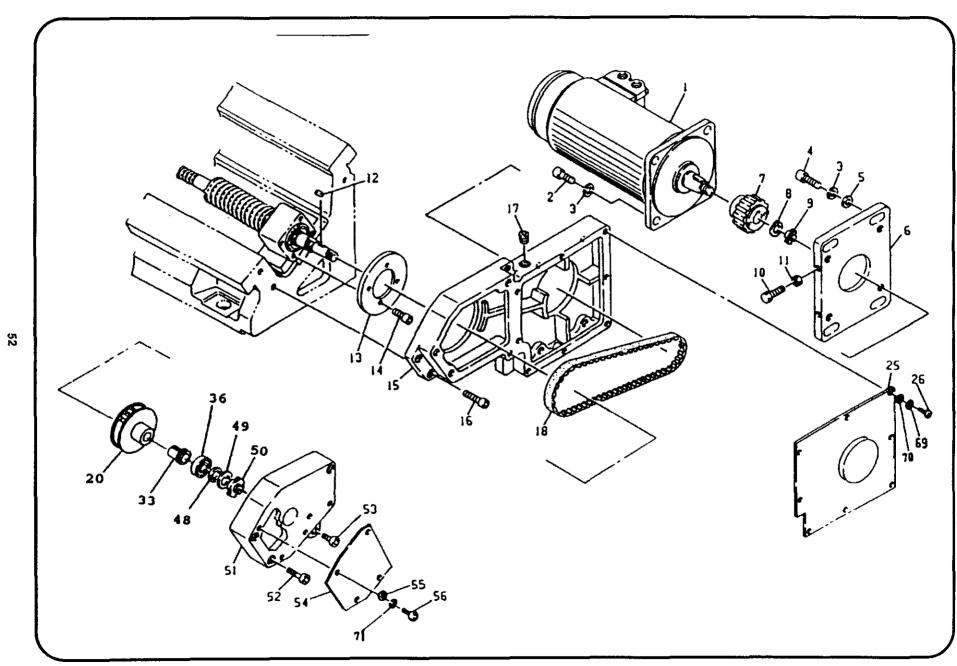
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDE	EX	PART NO	DESCRIPTION	UNIT	QTY.
25 - 1	C5050-005121	SCREW, FLAT-HEAD 5X12	A118X-4000	7						
25 - 2	K118-4000-05-00	CAP (TAILSTOCK)	A118X-4000	1						
25 - 3	C5010-200701	BOLT, SOCKET-HEAD 20X70	A118X-4000	8						ł I
25 - 4	K118-4000-04-01	RAIL (TAILSTOCK)	A118X-4000	1						
25 - 5	118-0000-02-12	BED	A118X-0009	1						
25 - 6	C5000-240601	BOLT 24X60	A118X-0009	8						!!
25 - 7	K118-9000-03-00	PLATE	A118X-0009	2						i I
25 - 8	K118-0000-02-01	BASE	A118X-0009	1						i i
25 - 9	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-0009	2						ł
25 - 10	C5000-080161	BOLT, HEX-HEAD 8X16	A118X-0009	14						
25 - 11	118-0200-16	CAP	A118X-0009	2		ı			:	
25 - 12	H1020-1047-69	PACKING	A118X-0009	2						
25 - 13	K118-9000-19-00	PLATE	A118X-0009	1	1					
25 - 14	C5010-120201	BOLT, SOCKET-HEAD 12X20	A118X-0009	4		-				
25 - 15	118-6000-10	BRACKET	A118X-0009	1 1						1 1
25 - 16	H1020-1047-85	PACKING 150X255X2	A118X-0009	1		1				
25 - 17	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-0009	10						1 1
25 - 18	118-0200-19	CAP	A118X-0009	1					į	1 1
25 - 19	C5022-000241	PLUG, FILLER, EYE-BOLT HOLE 24	A118X-0009	6		1				1 1
25 - 22	C5000-240601	BOLT, HEX-HEAD 24X60	A118X-0010	3						1 1
25 - 23	K118-9000-02-00	PLATE	A118X-0009	1						1 1
25 - 24	KW118-5000-04-01	OSP BASEPLATE	A118X-0010	1						
25 - 25	C5110-000241	NUT, HEX. NO.4 24	A118X-0010	3						
25 - 26	C5000-242001	BOLT 24X200	A118X-0010	3		1			į	1 1
25 - 27	118-5000-06-1	SEAT	A118X-0010	3						i i
25 - 28	108-0014-04-2	WASHER, FOUNDATION	A118X-0009	8						
25 - 29	C5006-000321	SCREW, JACK M32	A118X-0009	8	1					1 l
25 - 30	C5104-000321	NUT, JACK M32	A118X-0009	8						1 1
25 - 31	K118-9000-03-00	PLATE	A118X-0009	1		ŀ				1
25 - 32	K118-9000-02-00	PLATE	A118X-0009	1						1 1
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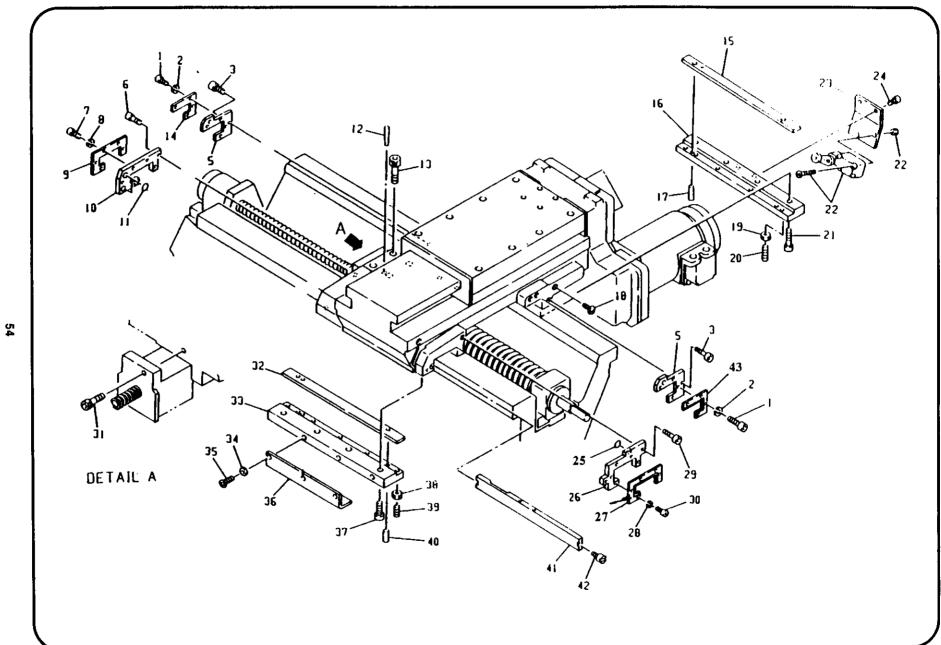
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
26 - 1	118-2100-29-2	COVER	A118X-2110	1	26 - 38	K118-2000-02-00	DOG	A118X-2150	1
26 - 2	C5010-080121	BOLT, SOCKET-HEAD 8X12	A118X-2110	2	26 - 39	C5140-000081	WASHER, POLISHED 8	A118X-2150	2
26 - 3	C5010-120451	BOLT, SOCKET-HEAD 12X45	A118X-2150	4	26 - 40	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-2150	2
26 - 4	C0201-080401	ITP 8X40	A118X-2150	2	26 - 41	C5040-006101	SCREW, PAN-HEAD 6X10	A118X-2150	2
26 - 5	H1032-0002-56	FELT 8X8X310	A118X-2150	1	26 - 42	M000-6205LLBP5	BEARING NTN 6205LLBP5	A118X-2150	2
26 - 6	H1024-0001-24	BELLOWS	A118X-2150	1	26 - 43	C5486-025306	COLLAR, DISTANCE, INNER	A118X-2150	1
26 - 7	C0201-080401	ITP 8X40	A118X-2150	2	26 - 44	C5487-052306	COLLAR, DISTANCE, OUTER	A118X-2150	1
26 - 8	C5010-120451	BOLT, SOCKET-HEAD 12X45	A118X-2150	4	26 - 45	118-2100-05-2	BRACKET	A118X-2150	1
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					ļ l
26 - 12	C5051-080351	BOLT, SOCKET-HEAD 8X35	A1 18X-2150	4					
26 - 13	118-2100-13-5	CAP	A1 18X-2150	1 1			ĺ		i i
26 - 14	118-2100-94-01	NUT	A118X-2150	1					l l
26 - 15	C5800-004030	BLOCK	A118X-2150	2					
26 - 16	C5036-006061	SET-SCREW, FLAT-POINT 6X6	A118X-2150	2	1				[
26 - 17	C5153-000250	WASHER, LOCK 25	A1 18X-2150	1 1]	ļ		
26 - 18	118-2100-09-1	COLLAR	A118X-2150	1					
26 - 19	118-2100-10	COLLAR	A118X-2150	1	ŀ				
26 - 20	M000-25BST62DB	BEARING NSK 25TAC	A1 18X-2150	1	l I				
26 - 21	118-2100-31-1	COLLAR	A118X-2150	1		1			
26 - 22	118-2100-04-4	BRACKET	A118X-2150	1		ļ	}	ļ.)
26 - 23	H1032-1004-64	RING, FELT	A118X-2150	1				·	1 1
26 - 24	118-2100-14-2	STOPPER, BASE	A118X-2110	1				ŀ	
26 - 25	C5010-080551	BOLT, SOCKET-HEAD 8X55	A118X-2110	2			•		1
26 - 26	H1030-1001-95-1	STOPPER NBR 25X100X10	A118X-2110	1					
26 - 27	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118X-2110	2	11		ł	ł .	1 1
26 - 28	118-2100-44-2	DOG	A118X-2150	1					1 1
26 - 29	C5140-000081	WASHER, POLISHED 8	A1 18X-2150	2					l !
26 - 30	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-2150	2					
26 - 31	118-2100-50-3	BRACKET	A118X-2150	1]	ĺ		ļ [
26 - 32	C5010-080251	BOLT, SOCKET-HEAD 8X25	A118X-2150	5	1 1	ĺ	ĺ		
26 - 33	C5040-006101	SCREW, PAN-HEAD 6X10	A118X-2150	2					
26 - 34	C5010-060201	BOLT, SOCKET-HEAD 6X20	A1 18X-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				<u> </u>		



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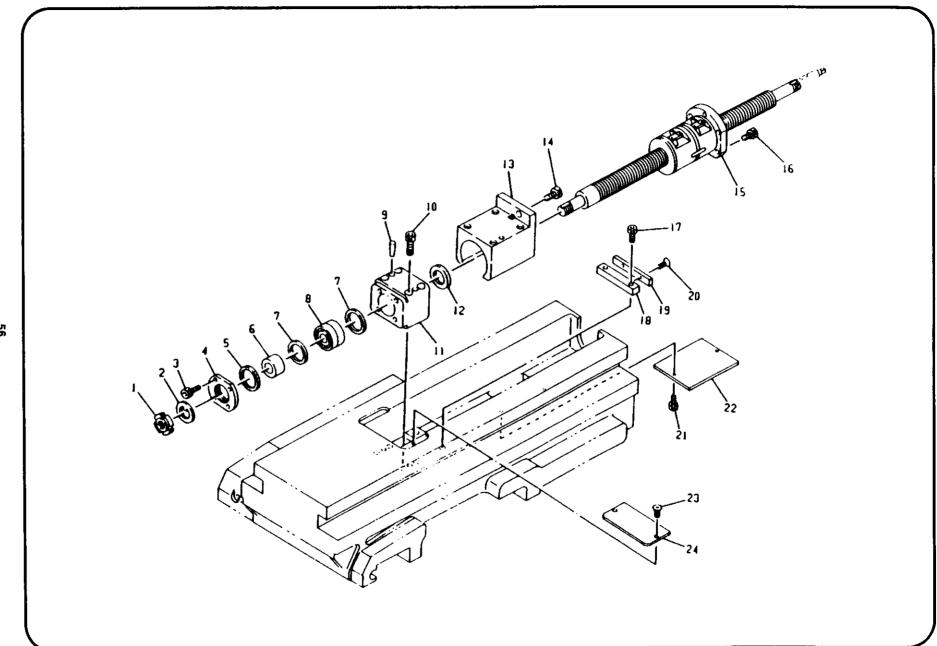
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
27 - 1	BL-120E-20	SERVOMOTOR, DC B2120E-20	A005-7003	1					
27 - 2	C5010-120351	BOLT, SOCKET-HEAD 12X35	A118X-2150	4					
27 - 3	C5160-000121	WASHER, SPRING 12	A118X-2150	8					
27 - 4	C5010-120451	BOLT, SOCKET-HEAD 12X45	A118X-2150	4			İ	Í	1 1
27 - 5	C5140-000121	WASHER, POLISHED 12	A118X-2150	4				i	1
27 - 6	118-2100-65	BASE, MOTOR	A118X-2150	1				į	
27 - 7	H1019-1004-20-3	PULLEY BANDO STS, 30S8M0250 B	A118X-2150	1	1 1				
27 - 8	118-2100-86-1	WASHER	A118X-2150	1					
27 - 9	118-2100-85	NUT	A118X-2150	1				ſ	[]
27 - 10	C5000-080351	BOLT, HEX-HEAD 8X35	A118X-2150	2					
27 - 11	C5110-000081	NUT, HEX NO 4 8	A118X-2150	2				i e	1 /
27 - 12	118-2100-20-2	KEY	A118X-2150	1				ļ	
27 - 13	KW118-2100-28-00	DISC	A118X-2150	1 ,]	1
27 - 14	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-2150	4					
27 - 15	KW118-2100-58-00	BOX	A118X-2150	1					ŀ
27 - 16	C5010-120401	BOLT, SOCKET-HEAD 12X40	A118X-2150	4				1	
27 - 17	C7861-000042	PLUG, SOCKET-HEAD 3/4	A118X-2150	1					
27 - 18	M119-0007-49	BELT	A118X-2150	1	1		1	į.	1 /
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27 - 20	H1019-1007-23-1	PULLEY	A118X-2150	1					
27 - 25	118-2100-60	CAP	A118X-2150	1				1	1 /
27 - 26	C5040-006081	SCREW, PAN-HEAD 6X8	A118X-2150	8	1				
27 - 33	118-2101-09	BUSH, TAPER	A118X-2150	1 1	Ì			1	1 1
27 - 36	M000-6004ZZ	BEARING 6004ZZ M20X47X14	A1 18-2250	1					
27 - 48	118-2100-73	COLLAR	A118X-2150	1					1 1
27 - 49	C5153-000200	WASHER, LOCK, PRECISION 20	A118X-2150	1					
27 - 50	C5131-000201	NUT, ROUND SLOTTED, PRECISION 20	A118X-2150	1					
27 - 51	K118-2100-21-00	CAP	A118X-2150	1 1					1 1
27 - 52	C5010-120651	BOLT, SOCKÉT-HÉAD 12X65	A118X-2150	3					1 1
27 - 53	C5010-120301	BOLT, SOCKET-HEAD 12X30	A118X-2150	1				1	
27 - 54	KW118-2100-22-00	CAP	A118X-2150	1					1 1
27 - 55	C5140-000051	WASHER, POLISHED 5	A118X-2150	6			1		1 /
27 - 56	C5040-005081	SCREW, PAN-HEAD 5X8	A118X-2150	6					
27 - 69	C5160-000061	WASHER, SPRING 6	A118X-2150	8					
27 - 70	C5140-000061	WASHER, PLAIN 6	A118X-2150	8					
27 - 71	C5160-000051	WASHER, SPRING 5	A118X-2150	6] /
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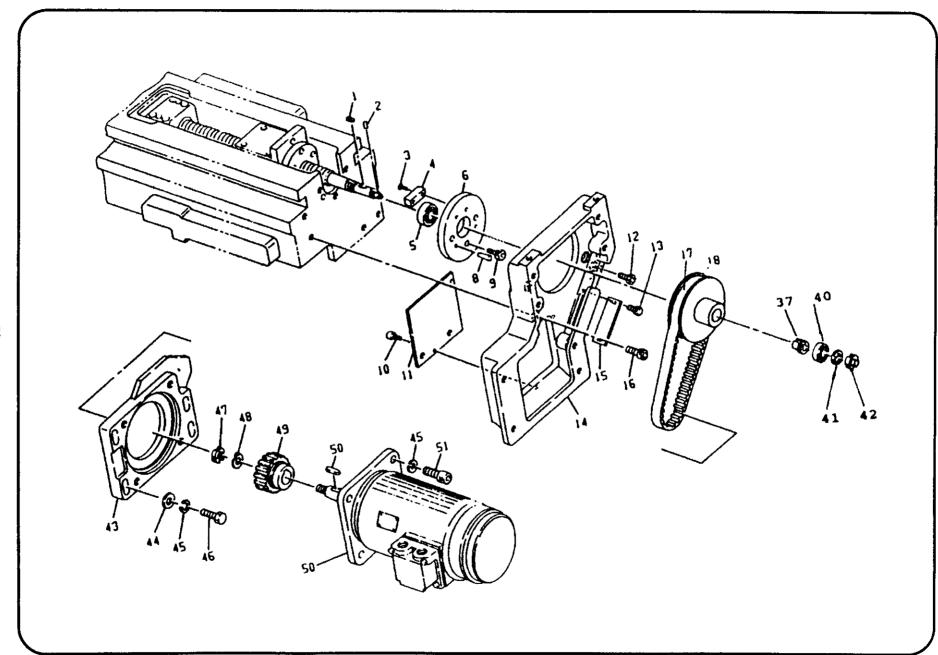
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
28 - 1	C5010-040101	BOLT, SOCKET-HEAD 4X10	A118X-2150	8
28 - 3	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118X-2150	4
28 - 4	H1023-0005-65	WIPER BANDO	A118X-2150	1
28 - 5	118-2000-08-2	WIPER	A118X-2150	2
28 - 6	C5010-080251	BOLT, SOCKET-HEAD 8X25	A118X-2150	2
28 - 7	C5010-040101	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	A1 18X-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.48	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-SWLTCH, 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	C51 10-000081	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
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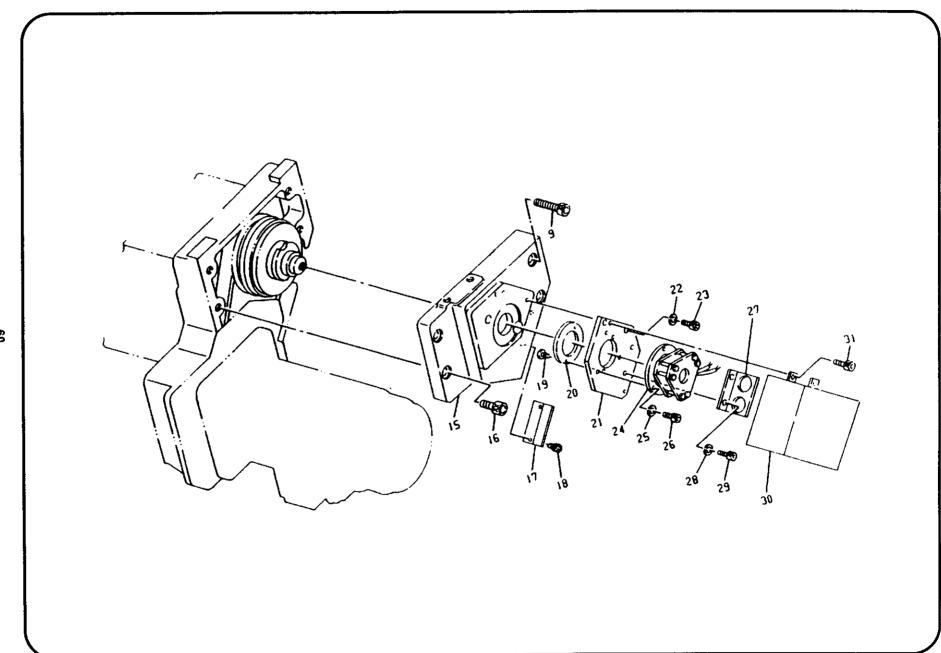
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
29 - 1	118-2200-23-1	NUT	A118-2250	1				1	
29 - 2	C5153-000200	WASHER, LOCK 20	A1 18-2250	1			i		
29 - 3	C5010-100251	BOLT, SOCKET-HEAD 10X25	A118-2250	4			{	į.	1
29 - 4	118-2200-73-2	CAP	A118-2250	1					
29 - 5	F1110-035-04804	SEAL, OIL ZF AZ2045G0 NOK	A118-2250	1					
29 - 6	118-2200-22-4	COLLAR	A118-2250	1			(•	1
29 - 7	117-0200-08-2	COLLAR	A118-2250	2					
29 - 8	M000-20BST47DB	BEARING NACHI 20TAA04DB	A118-2250	1				ļ	
29 - 9	C0201-080321	ITP 8X32	A118-2250	2			į.	l	ľ
29 - 10	C5010-100351	BOLT, SOCKCT-HEAD 10X35	A118-2250	4]
29 - 11	KW118-2200-72-00	HOUSING	A118-2250	1					1
29 - 12	F1100-032-04508	SEAL, OIL SB32458	A118-2250	1				l	1
29 - 13	118-2200-64-2	HOUSING	A1 18-2250	1					<u> </u>
29 - 14	C5010-100201	BOLT, SOCKET-HEAD 10X20	A118-2250	1					İ
29 - 15	H1014-0002-91	BALL SCREW CINCINNATI MILACRON	A1 18-2905	1				l	1
29 - 16	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118-2250	5				ŀ	1
29 - 17	C5010-100301	BOLT, SOCKET-HEAD 10X30	A118X-2150	2					1
29 - 18	118-2000-28-2	STOPPER	A118X-2150	1			i		
29 - 19	H1022-1023-83-1	STOPPER	A118X-2150	1					
29 - 20	C5050-005081	SCREW, FLAT-HEAD 5X8	A118X-2150	2					
29 - 21	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118X-2150	2				ļ	}
29 - 22	118-2000-14	CAP	A118X-2150	1					}
29 - 23	C5050-005101	SCREW, FLAT-HEAD 5X10	A118X-2150	2					} '
29 - 24	118-2000-16-3	CAP	A118X-2150	1			1	1	ł
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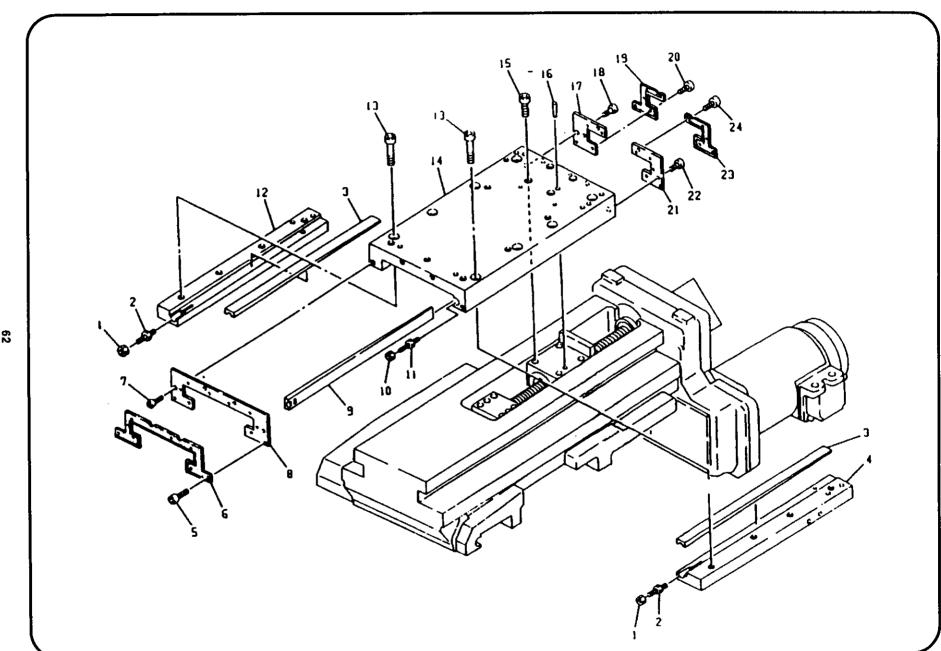
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
30 - 1	118-2200-15-1	KEY	A118-2250	1					
30 - 2	C5201-003060	PIN, PARALLEL 3X6	A118-2250	1					
30 - 3	C5050-005081	SCREW, FLAT-HEAD 5X8	A118-2250	2					
30 - 4	H1025-1001-55-1	STOPPER NBR 16X50X17.5	A118-2250	1					1
30 - 5	M000-6204LLBP5	BEARING 6204LLBP5	A118-2250	1					i
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		<u> </u>		ł	
30 - 13	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118-2250	2					
30 - 14	118-2200-65-2	вох	A118-2250	1					
30 - 15	118-2200-69-1	CAP	A118-2250	1			1		
30 - 16	C5010-120301	BOLT, SOCKET-HEAD 12X30	A118-2250	3			1	İ	
30 - 17	M119-0006-91	BELT STS 50S8M800	A118-2250	1		<u> </u>			
30 - 18	H1019-1007-22-1	PULLEY BANDO	A118-2250	1		1			
		50S8M0250+FS136116							
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	l I				
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				ł	
30 - 45	C5160-000121	WASHER, SPRING 12	A118-2250	8					
30 - 46	C5000-120501	BOLT 12X50	A1 18-2250	4				ļ	
30 - 47	118-2100-85	NUT	A1 18-2250	1				1	
30 - 48	118-2100-86-1	WASHER	A1 18-2250	1				1	
30 - 49	H1019-1004-20-3	PULLEY	At 18-2250	1			1		1
30 - 50	BL-80E-20	SERVOMOTOR, DC BL-8E-20	A005-7001	1	H		†		
30 - 51	C5010-120301	BOLT, SOCKET-HEAD 12X30	A118-2250	4			<u> </u>		1
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
31 - 9	C5010-120551	BOLT, SOCKET-HEAD 12X55	A118-2250	2					1
31 - 15	118-2200-66-4	CAP	A118-2250	1				J	
31 - 16	C5010-120351	BOLT, SOCKET-HEAD 12X35	A118-2250	2					<u> </u>
31 - 18	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118-2250	2				1	1
31 - 19	C5040-005081	SCREW, PAN-HEAD 5X8	At 18-2250	2				ļ	
31 - 20	118-2200-27-2	COLLAR	A118-2250	1					1
31 - 21	118-2200-36-3	PLATE	A1 18-2250	1 1					
31 - 22	C5160-000061	WASHER, SPRING 6	A118-2250	2			:	Į	1
31 - 23	C5010-060201	BOLT, SOCKET-HEAD 6X20	A118-2250	2				1	
31 - 24	H1011-0001-62-1	BRAKE, MAGNETIC OGURA MNBO.2-0.15	A118-2250	1 1					
31 - 25	C5160-000051	WASHER, SPRING 5	At 18-2250	3				}	1
31 - 26	C5010-050101	BOLT, SOCKET-HEAD 5X10	A118-2250	3				1	
31 - 27	118-2200-38-2	SUPPORT	A1 18-2250	1 1		'			l i
31 - 28	C5160-000051	WASHER, SPRING 5	A118-2250	2					1
31 - 29	C5010-050081	BOLT, SOCKET-HEAD 5X8	A118-2250	2					
31 - 30	118-2200-37-2	COVER	A1 18-2250	1				1	
31 - 31	C5010-050081	BOLT, SOCKET-HEAD 5X8	A118-2250	3					
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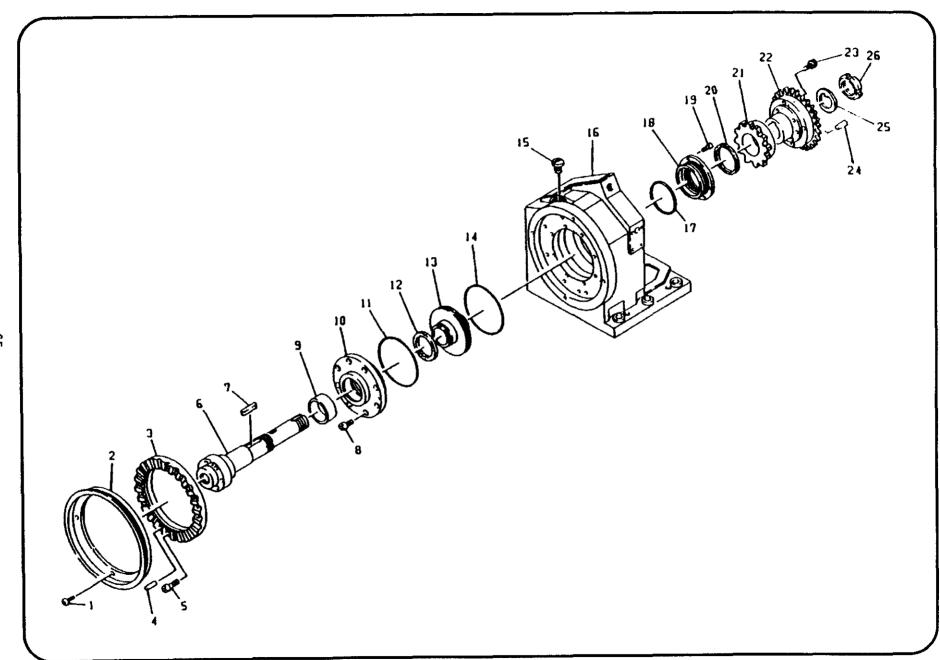


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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
32 - 1	101-0300-14	NUT	A118-2250	2					
32 - 2	101-0300-13-1	SCREW	A118-2250	2				}] }
32 - 3	118-2000-41	GLB	A118-2250	2					ļ
32 - 4	KW118-2000-40-3-R	BACK PLATE	A118-2250	1				<u>'</u>]]
32 - 5	C5010-040101	BOLT, SOCKET-HEAD 4X10	A118-2250	10					. 1
32 - 6	H1023-0007-01	WIPER BANDO FU 77.7X280X5.8	A118-2250	1				·	Ìl
32 - 7	C5010-060161	BOLT, SOCKET-HEAD 6X16	A118-2250	4				ĺ	l i
32 - 8	118-2000-36-1	PLATE	A118-2250	[1 [ľ			Ì
32 - 9	118-2000-42	GIB	A118-2250	1					
32 - 10	108-0301-18-2	NUT	A118-2250	1 1					
32 - 11	108-0301-17- 1	BOLT	A1 18-2250	1		[ĺ		i i
32 - 12	KW118-2000-39-3-R	BACK PLATE	A118-2250	1					
32 - 13	C5010-120601	BOLT, SOCKET-HEAD 12X60	A118-2250	8		ļ		1	1 1
32 - 14	118-2000-35-4	CROSS-SLIDE	A118-2250	1				[ĺĺ
32 - 15	C5010-100301	BOLT, SOCKET-HEAD 10X30	A118-2250	4			i		l 1
32 - 16	C0201-080321	ITP 8X32	A118-2250] 1]		1	ļ]	
32 - 17	118-2000-37	PLATE	A118-2250	1 1				Ī	
32 - 18	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118-2250	2					
32 - 19	H1023-0007-02	WIPER	A118-2250	1 1			}]]
32 - 20	C5010-040101	BOLT, SOCKET-HEAD 4X10	A118-2250	10]	
32 - 21	118-2000-38	PLATE	A118-2250	1 1				1	
32 - 22	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118-2250	2	1	ł		.	
32 - 23	H1023-0007-03	WIPER BANDO FU 77.7X96X5.8	A118-2250	1					
32 - 24	C5010-040101	BOLT, SOCKET-HEAD 4X10	A118-2250	10					
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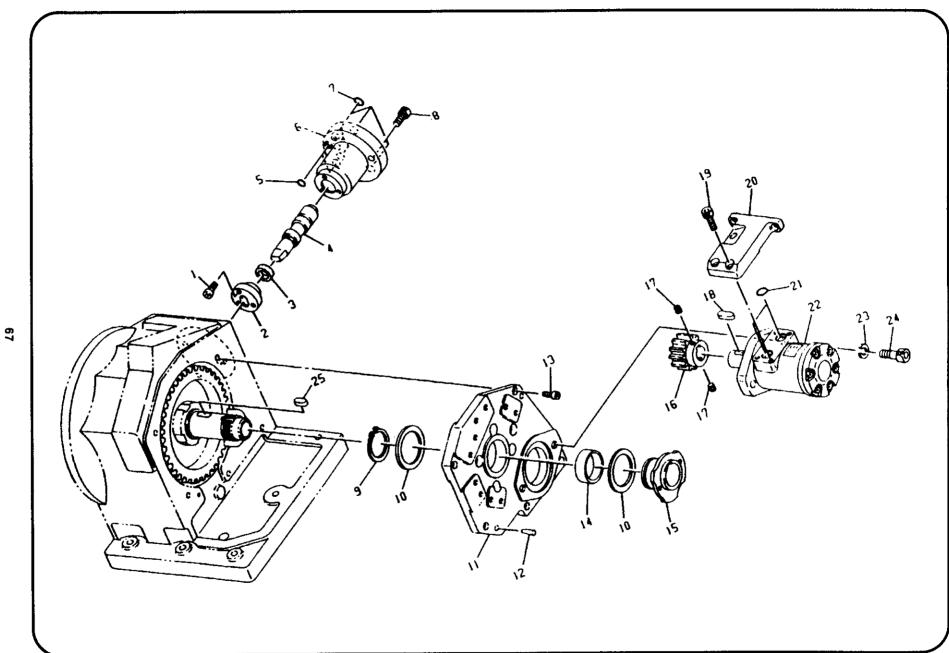
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TOOLING SYSTEM (1)	77



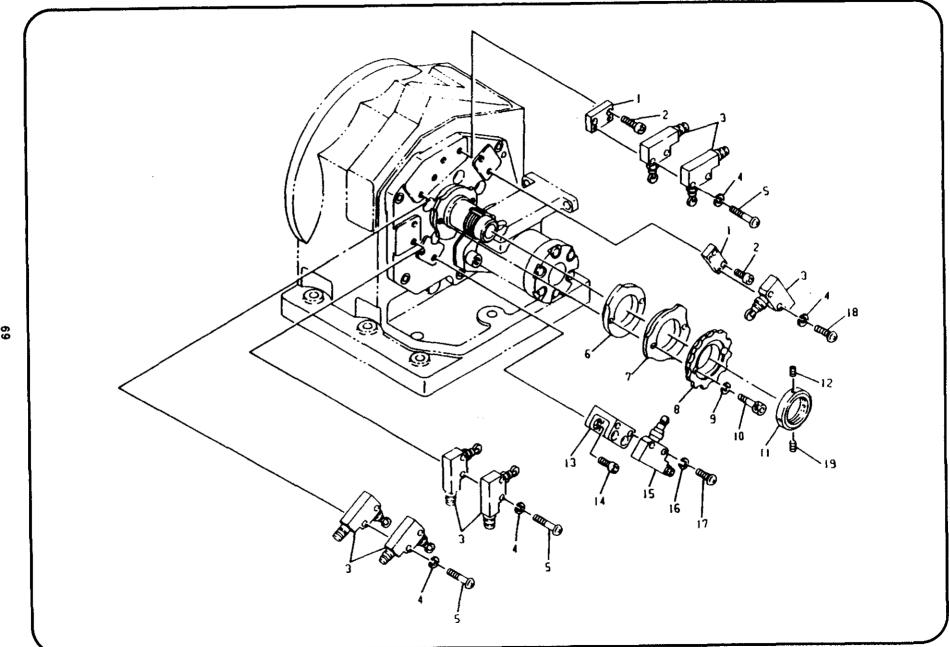
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDE	PART NO.	DESCRIPTION	UNIT	QTY.
42 - 1	C5040-006121	SCREW, PAN-HEAD 6X12	A1 18-3070	4					
42 - 2	118-3000-09-4	GUIDE	A118-3070	1		ı			
42 - 3	118-3020-06-3	CLUTCH(VL2)	A118-3070	1					
42 - 4	C0201-080361	ITP 8X36	A118-3070	2	ľ				
42 - 5	C5010-100201	BOLT, SOCKET-HEAD 10X20	A118-3070	8					
42 - 6	118-3020-23-3	SHAFT	A118-3070	1					[
42 - 7	C5170-100450	KEY, FEATHER 10X8X45	A118-3070	2	1				
42 - 8	C5010-100251	BOLT, SOCKET-HEAD 10X25	A118-3070	8					
42 - 9	M004-MB6530DU	BEARING, DAIDO	A118-3070	1 1					
42 - 10	118-3020-04-1	FLANGE	A118-3070	1 1					
42 - 11	C6110-00G135	O-RING	A118-3070	1					
42 - 12	H0031-0011-87	SEAL, NOK	A118-3070	1					
42 - 13	118-3020-24-1	PISTON	A118-3070	1 1		1			
42 - 14	C6110-00P130	O-RING, 5.7X 129.6	A118-3070	1 1		İ			
42 - 15	C5022-000161	PLUG, FILTER EYE-BOLT HOLE 16	A118-3070	1					
42 - 16	118-3020-21-7	TOOL POST(V12)	A1 18-3070	1 1					
42 - 17	C6110-000G85	O-RING	A118-3070	1				Į.	
42 - 18	118-3020-35-2	FLANGE	A118-3070	1					
42 - 19	C5010-060161	BOLT, SOCKET-HEAD 6X16	A118-3070	6					
42 - 20	H0031-0011-87	SEAL, NOK	A118-3070	1 1					
42 - 21	118-3020-78-1	CAM	A1 18-3070	1					
42 - 22	118-3020-41-1	GEAR	A1 18-3070	1					
42 - 23	C5010-080251	BOLT, SOCKET-HEAD 8X25	A118-3070	4					
42 - 24	C0201-080321	ΠP 8X32	A118-3070	2					
42 - 25	128-0320-20	WASHER	A118-3070	1				l	
42 - 26	128-0320-21-1	NUT	A118-3070	1		İ			
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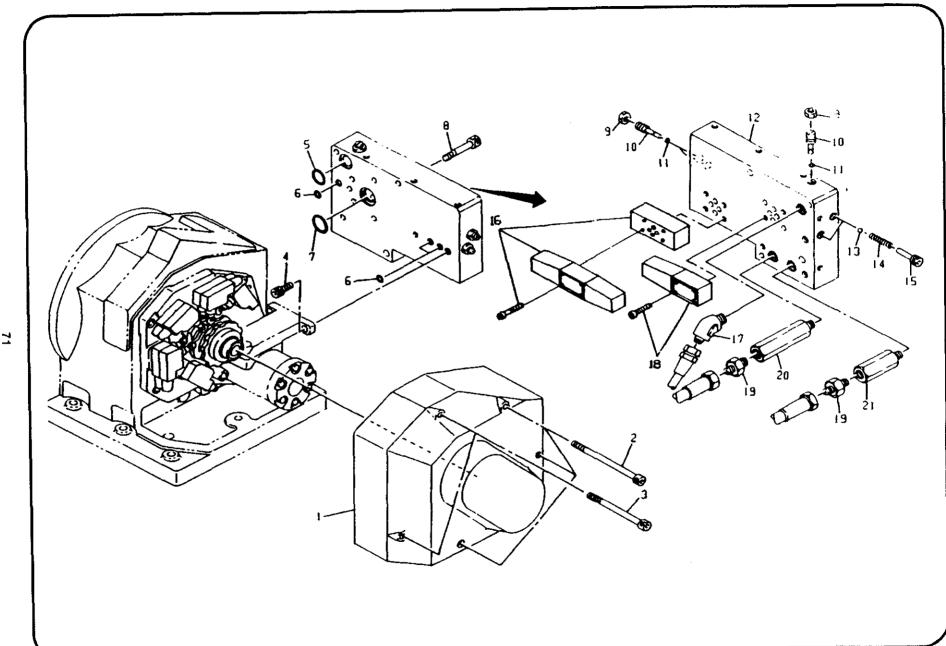
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INE	DEX	PART NO.	DESCRIPTION	UNIT	QTY.
43 - 1	C5010-050141	BOLT, SOCKET-HEAD 5X14	A118-3070	3		寸				
43 - 2	118-3000-27-2	CAP	A118-3070	1						
43 - 3	H0031-0008-92	PACKING	A118-3070	1						l
43 - 4	118-3000-80-2	SPOOL	A118-3070	1						l
43 - 5	C6110-000P28	O-RING P28	A118-3070	1						
43 - 6	118-3020-40-3	CYLINDER	A118-3070	1		- 1				ĺ
43 - 7	C6110-0000P9	O-RING P9	A118-3070	7		I				
43 - 8	C5010-080251	BOLT, SOCKET-HEAD 8X25	A118-3070	3						
43 - 9	C5180-000500	SNAP-RING, EXTERNAL 50	A118-3070	1						
43 - 10	M001-AS1110	BEARING INA AS1110 M50X70X1	A118-3070	2						
43 - 11	118-3020-25-3	PLATE	A118-3070	1		ı				ŀ
43 - 12	C0201-060321	ITP 6X32	A118-3070	2						
43 - 13	C5010-060201	BOLT, SOCKET-HEAD 6X20	A118-3070	5						l
43 - 14	M004-DB5020	BUSH DB5020	A118-3070	1		ľ				
43 - 15	128-0320-22-2	CAM	A118-3070	1						1
43 - 16	128-0320-18-2	GEAR	A1 18-3070	1		l				l
43 - 17	C5034-006061	SET-SCREW, CUP-POINT 6X6	A118-3070	2	11	ı			İ	1
43 - 18	F019-0001-36	KEY 7X7X31.5	A118-3070	1		i		ţ		
43 - 19	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118-3070	3						
43 - 20	118-3020-34-1	JOINT	A1 18-3070	1	li					
43 - 21	F109-0000-56	O-RING NOK CO-0409A	A118-3070	2						
43 - 22	F019-0001-56	MOTOR H-100BA2FM-G	A118-3070	1						
43 - 23	C5160-000121	WASHER, SPRING 12	A118-3070	2					1	
43 - 24	C5010-120351	BOLT, SOCKET-HEAD 12X35	A118-3070	2						
43 - 25	C5170-070250	KEY, FEATHER 7X7X25	A118-3070	1						
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
44 - 1	128-0320-08-1	PLATE	A118-3070	2					
44 - 2	C5010-060101	BOLT, SOCKET-HEAD 6X10	A1 18-3070	4					
44 - 3	E3019-391-017	LIMIT-SWLTCH YAMATAKE SLI-A	A1 18-3070	7]	}		J	1
44 - 4	C5160-000041	WASHER, SPRING 4	A1 18-3070	8					
44 - 5	C5040-004451	SCREW, PAN-HEAD 4X45	A118-3070	6]		Į.	
44 - 6	128-0320-23-2	CAM	A1 18-3070	1					
44 - 7	128-0320-24-1	CAM	A118-3070	1				1	
44 - 8	128-0320-25-1	CAM	A1 18-3070	1	 	!	1	ł	ł
44 - 9	C5160-000051	WASHER, SPRING, FOR HOLE 5	A1 18-3070	2			\		
44 - 10	C5010-050301	BOLT, SOCKET-HEAD 5X30	A118-3070	2			Ì		l
44 - 11	128-0320-26-3	DOG	A118-3070	1	l I			1	
44 - 12	C5030-006061	SET-SCREW, FLAT-POINT 6X6	A1 18-3070	3				1	
44 - 13	128-0320-09-2	SUPPORT	A1 18-3070	1 1	ľ	ľ	1	i	ľ
44 - 14	C5010-060161	BOLT, SOCKET-HEAD 6X16	A1 18-3070	2	l I				
44 - 15	E3019-891-018	LIMIT-SWLTCH YAMATAKE SLI-D	A118-3070	1	l 1			1	
44 - 16	C5160-000041	WASHER, SPRING 4	A118-3070	2				1	
44 - 17	C5040-004251	SCREW, PAN-HEAD 4X25	A1 18-3070	2					
44 - 17	C5040-004251	SCREW, PAN-HEAD 4X25	A118-3070	2				ĺ	[
44 - 18	C5040-004251	SCREW, PAN-HEAD 4X25	A1 18-3070	2	[1	1
44 - 18	C5040-004251	SCREW, PAN-HEAD 4X25	A1 18-3070	2				1	
44 - 19	C5036-006081	SET-SCREW, DRILLED HEAD, FP 6X8	A118-3070	1				1	
44 - 19	C5036-006081	SET-SCREW, DRILLED HEAD, FP	A118-3070	1		}	1]	
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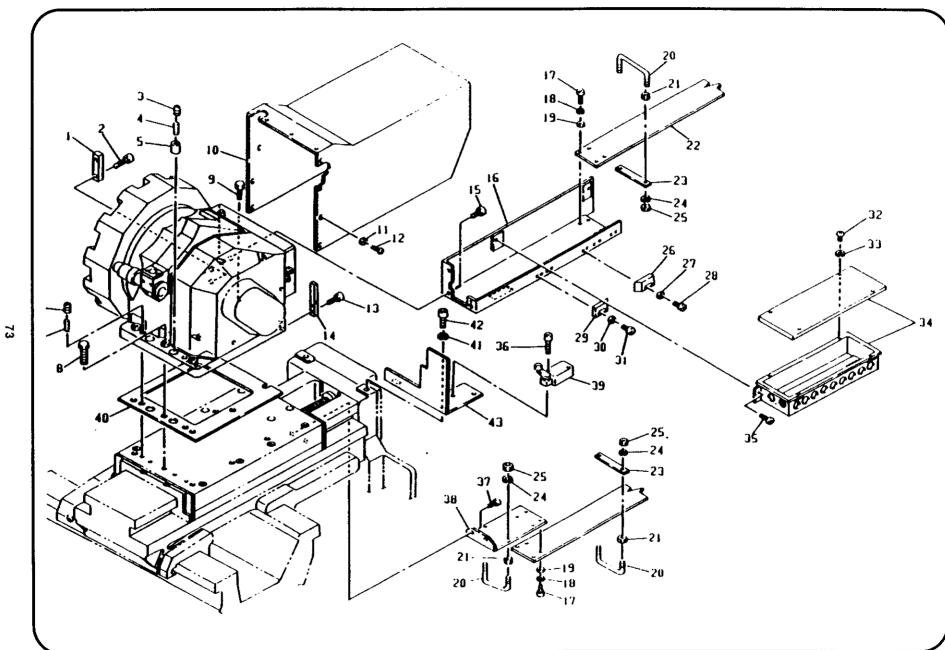


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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION
45 - 1	118-3020-22	COVER	A118-3070	1			
45 - 2	H1001-0010-48	BOLT, SOCKET-HEAD 6X135	At 18-3070	3	1 1		
45 - 3	C5010-061051	BOLT, SOCKET-HEAD 6X105	A118-3070	2	1 1		
45 - 4	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118-3070	2			
45 - 5	C6110-000P22	O-RING 2.4X21.8	A118-3070	1			
45 - 6	C6110-0000P9	O-RING 1,9X8.8	A1 18-3070	3	1		
45 - 7	C6110-000P28	O-RING 3.5X27.7	A118-3070	1	l i		
45 - 8	C5010-080601	BOLT, SOCKET-HEAD 8X60	A118-3070	4	Î Î		į.
45 - 9	C5100-000121	NUT, HEX.NO.3 12	A118-3070	3			
45 - 10	118-3000-34-1	VALVE	A118-3070	3	1		
45 - 11	C6110-0000P5	O-RING P5	A118-3070	3	i i		
45 - 12	118-3020-33-3	MANIFOLD	A118-3070] 1]			
45 - 13	C5901-000950	BALL, STEEL 3/8	A118-3070	2	1 !		
45 - 14	M100-08088-04423	SPRING, COMPRESSION	A118-3070	2			
45 - 15	118-3000-53-2	BOLT	A118-3070	2	i i		
45 - 16	KF0-0049-01	VALVE, SOLENOID, PARKER	A118-3070	1	1 1		
1 1		DIVW8BJWF, INDEX	l	! !	1 1		
45 - 17	KD7870-030042	JOLNT,HOSE 45 ELBOW 3/4	A118X-6214	1 1			
45 - 18	KF0-0048-02	VALVE, SOLENOID, PARKER	A118-3070	1			
		DIVW9HJWF70X4364, CLAMP					İ
45 - 19	KD7870-010032	NIPPLE	A118-3070	2			
45 - 20	118-3000-52	JOINT	A118-3070	1 1 1	1 1		
45 - 21	118-3000-51	JOINT	A1 18-3070	1			1
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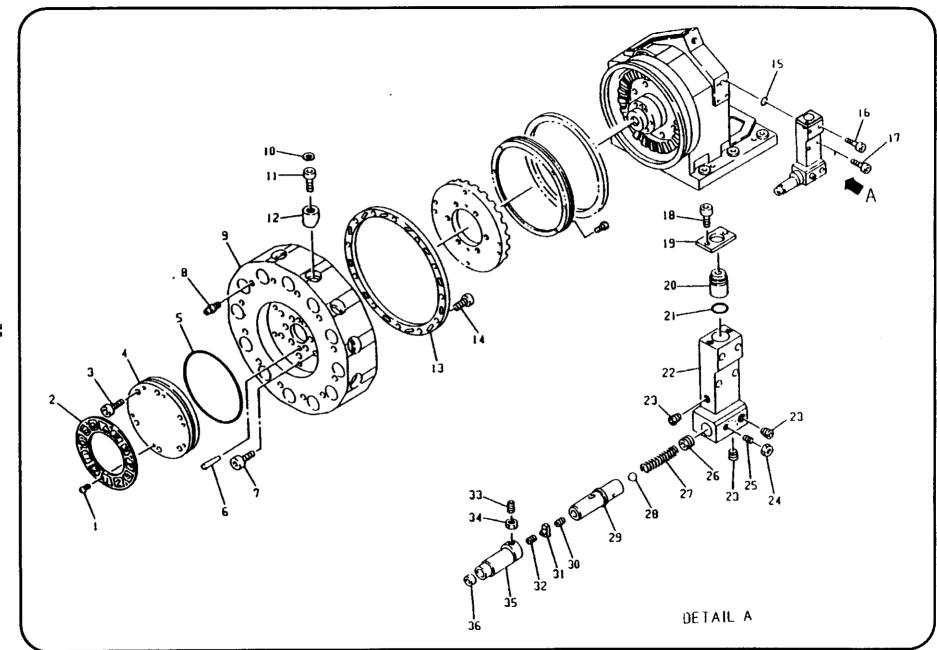
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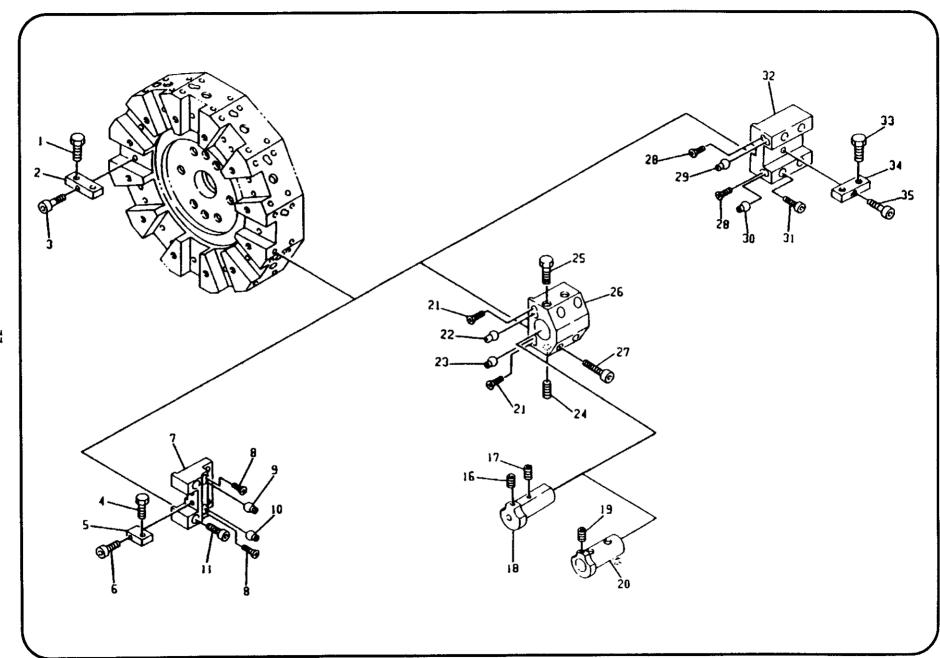
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46 - 1	118-3020-29	BLOCK	A118-3070	1	46 - 38	118-3000-41-2	SUPPORT	A118-3070	1
46 - 2	C5010-060201	BOLT, SOCKET-HEAD 6X20	A118-3070	2	46 - 39	E3012-891-001	LIMIT SWITCH, YAMATAKE 1LS1-J	A1 18-3070	1
46 - 3	C5034-012121	SET-SCREW,CUP-POINT 12X12	A118-3070	2	46 - 40	118-3000-76-1	LINER	A118-3070] 1]
46 - 4	C0201-080321	ITP 8X32	A118-3070	2	46 - 41	C5160-000061	WASHER, SPRING 6	A118-3070	2
46 - 5	127-3301-17	BUSHLNG	A118-3070	2	46 - 42	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118-3070	2
46 - 6	C5034-012121	SET-SCREW, CUP POINT 12X12	A118-3070	3	46 - 43	KW118-3020-84-00	SUPPORT	A118-3070	1
46 - 7	C0201-080451	ITP 8X45	A118-3070	2					
46 - 8	C5000-120551	BOLT,HEX-HEAD 12X55	A118-3070	5	1 1				1 1
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					1 1
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	A1 18-3070	8					
46 - 18	C5160-000051	WASHER, SPRING 5	A118-3070	8			1		[[
46 - 19	C5140-000051	WASHER, POLISHED 5	A118-3070	8			ļ	:	
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	A1 18-3070	1 1]	j] 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	11		}]]
46 - 28	C5010-060161	BOLT, SOCKET-HEAD 6X16	A118-3070	2					
46 - 29	118-3000-37	DOG	A118-3070	1 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					1 1
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	i I				
46 - 37	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118-3070	2	[_				



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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.		INDEX	PART NO.	DESCRIPTION	UNI
47 - 1	C5040-006081	SCREW, PAN-HEAD 6X8	A118-3125	6	1				
47 - 2	H1040-1028-41	NAMEPLATE M180XM110X0.8	A118-3125	1					
47 - 3	C5010-080401	BOLT, SOCKET-HEAD 8X40	A118-3125	6	ŀ	1		ł	1
47 - 4	118-3021-03-1	CAP	A1 18-3125	1					1
47 - 5	C6110-00G190	O-RING 5.7X189.3	A118-3125	1					
47 - 6	C0201-080361	ſΓΡ 8X36	A118-3125	2					
47 - 7	C5010-100451	BOLT, SOCKET-HEAD 10X45	A118-3125	12					İ
47 -8	127-3320-26-1	PIN	A1 18-3125	12				ł	1
47 - 9	118-3021-01-3	TURRET	A118-3125	1					
47 - 10	H1000-0002-47	SNAP-RING, INTERNAL IWATA	A118-3125	12					
47 - 11	C5010-120401	BOLT, SOCKET-HEAD 12X40	A118-3125	12					
47 - 12	127-3320-08	TOGGLE	A118-3125	12					
47 - 13	118-3021-02	COLLAR	A1 18-3125	1	ľ	1 1		ĺ	1
47 - 14	C5010-060161	BOLT, SOCKET-HEAD 6X16	A118-3125	12					
47 - 15	C6110-000P22	O-RING P22	A118-3125	1					1
47 - 16	C5010-060401	BOLT, SOCKET-HEAD 6X40	A118-3125	2					
47 - 17	C5010-060351	BOLT, SOCKET-HEAD 6X35	A118-3125	2					1
47 - 18	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118-3125	2		l i			ĺ
47 - 19	118-6210-75-1	PLATE	A118-3125	1					
47 - 20	118-6210-76-1	DRAWING	A118-3125	1					
47 - 21	C6110-000P21	O-RING 2.4X20.8	A1 18-3125	1 1					
47 - 22	118-6210-82	JOINT	A1 18-3125	1					
47 - 23	C7861-000012	PLUG, SOCKET-HEAD 1/4	A1 18-31 25	3					1
47 - 24	C5100-000051	NUT, HEX.NO.3 5	A118-3125	1					
47 - 25	C5030-005081	SET-SCREW, FLAT-POINT 5X8	A118-3125	1					
47 - 26	124-0730-05	HOLDER, COMPRESSION SPRING	A118-3125	1					
47 - 27	M109-1015-94	SPRING, COMPRESSION	A118-3125	1		1			ł
47 - 28	C5901-001110	BALL, STEEL 7/ 16	A1 18-31 25	1					ŀ
47 - 29	127-6730-09	SHAFT	A1 18-31 25	1					
47 - 30	C5030-004121	SET-SCREW, FLAT POINT 4X12	A118-3125	1					
47 - 31	127-6730-18-1	COLLAR	A118-3125	1					
47 - 32	C5030-004061	SET-SCREW, FLAT-POINT 4X6	A118-3125	1					
47 - 33	C5031-006121	SET-SCREW, SLOTTED, DP 6X12	A118-3125	1					1
47 - 34	C5110-000061	NUT, HEX.NO.4.6	A1 18-31 25	1					
47 - 35	127-6730-10-2	SLEEVE	A1 18-3125	1				ĺ	
47 - 36	H1023-1015-19	PACKING	A118-3125	1					
		<u> </u>	<u> </u>					<u> </u>	

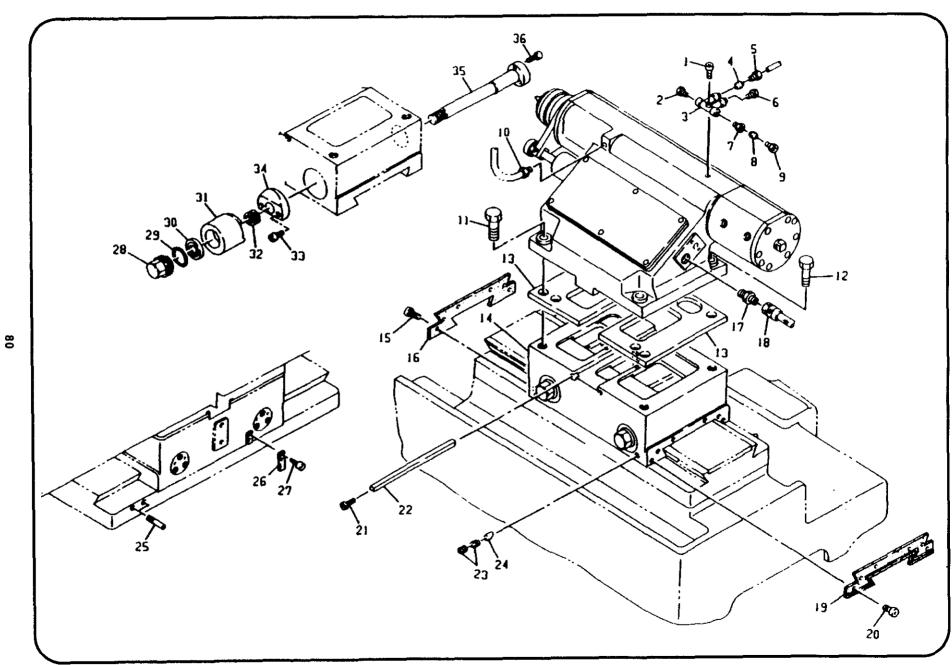
SHEET NO. 48 TOOLING SYSTEM (1)



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
48 - 1	127-3300-26	BOLT	A118-3123	24					
48 - 2	118-3100-04-1	BLOCK B	A1 18-3123	12					
48 - 3	C5010-060301	BOLT, SOCKET-HCAD 6X30	A118-3123	12	ļ l	1	1	j	
48 - 4	127-3300-26	BOLT	A118-8007	1				ł	1
48 - 5	118-8000-03-1	BLOCK	A118-8007	1				ı	
48 - 6	C5010-060301	BOLT, SOCKET-HEAD 6X30	KU0-0063-W	1				İ	ł
48 - 7	KW130-2100-01-00	HOLDER I	KU0-0063-01	1		•			1
48 - 8	C5050-006141	SCREW, FLAT-HCAD 6X14	KU0-0063-01	2	1	ł	1	}	}
48 - 9	119-3100-09-3	NOZZLE	KU0-0063-01	1		}		ì	
48 - 10	118-8001-30-1	CAP	KU0-0063-01	1		ŀ			[
48 - 11	C5010-120351	BOLT, SOCKET-HEAD 12X35	KU0-0063-01	4	li		1		
48 - 16	C5035-010121	SET-SCREW, DOG-POINT 10X12	KU0-0066-00	1			ļ	1	
48 - 17	C5036-008081	SET-SCREW, DRILLED HEAD, FP	KU0-0066-00	1	1 1	ľ		1	ł
48 - 18	118-8002-99	SLEEVE 3/4*	KU0-0066-00	1				1	
48 - 19	C5035-006121	SET-SCREW, DOG-POINT 6X12	KU0-0065-00	1		1			
48 - 20	118-8003-01	SLEEVE 1"	KU0-0065-00	1			Į.		1
48 - 21	C5050-006141	SCREW, FLAT-HEAD 6X14	KU0-0062-00	2]
48 - 22	119-3100-08-2	NOZZLE	KU0-0062-00	1	[[Í		!	
48 - 23	118-8001-30-1	CAP	KU0-0062-00	1				1	1 1
48 - 24	H1001-0008-61	SET-SCREW, DRILLED HEAD, FLAT	KU0-0062-00	2		Ļ		1	
48 - 25	118-8000-41-2	BOLT	KU0-0062-00	2	l	! .			
48 - 26	K118-8000-01-00	HOLDER	KU0-0062-00	1		} `]		
48 - 27	C5010-120551	BOLT, SOCKET-HEAD 12X55	KU0-0062-00	4				1	
48 - 28	C5050-006141	SCREW, FLAT-HEAD 6X14	KU0-0064-00	2		•		Ì	
48 - 29	119-3100-09-3	NOZZLE	KU0-0064-00	1					
48 - 30	118-8001-30-1	CAP	KU0-0064-00	1					
48 - 31	C5010-120351	BOLT, SOCKET-HEAD 12X35	KU0-0064-00	1	1 1	ļ	}	j]
48 - 32	KW130-2100-02-00	HOLDER	KU0-0064-00	1	1			ł	
48 - 33	127-3300-26	BOLT	KU0-0064-00	2					
48 - 34	118-3100-04-1	BLOCK	KU0-0064-00	1					
48 - 35	C5010-060301	BOLT, SOCKET-HEAD 6X30	KU0-0064-00	1					1
1		}	1	1		!	1	}	
			1			1			
			t	i i	 	ì	}	ł	

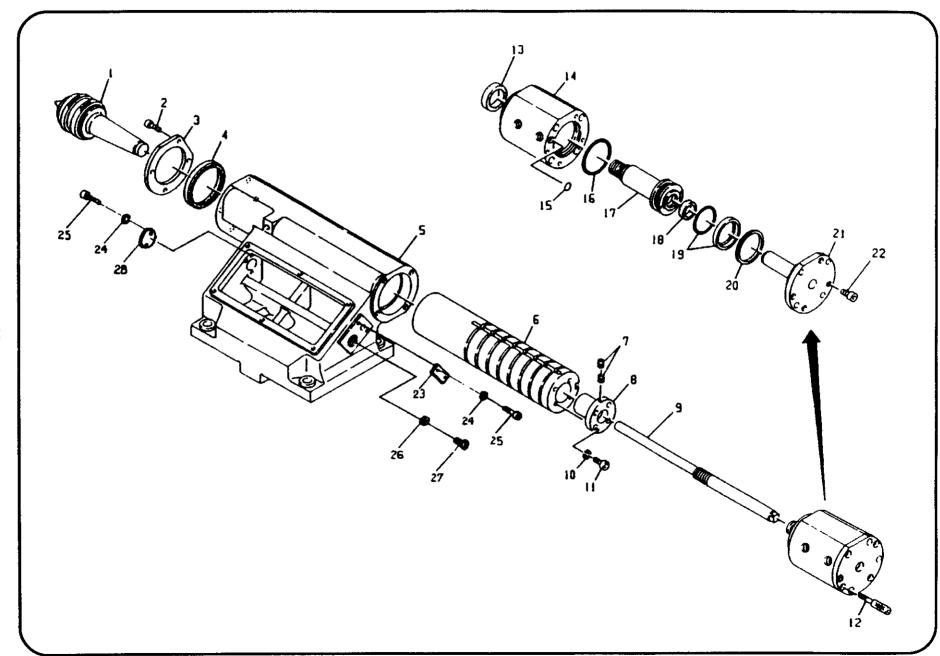
TAILSTOCK GROUP

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



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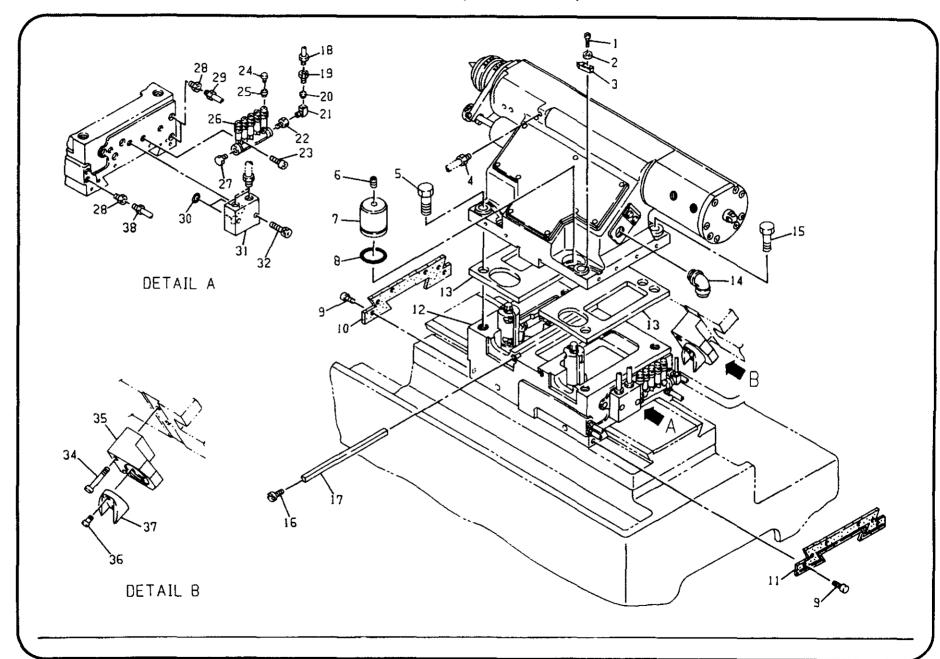
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDE	PART NO.	DESCRIPTION	UNIT	QTY.
51 - 1	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118-4012	1					
51 -2	H0012-0004-96	SEAL PLUG PG-12	A118-4012	1	11	ł	1	ł	1
51 - 3	H0012-0004-95	PLUNGER SHOWA DPB-22-0.1	A118-4012	1					
51 - 4	H0012-0000-89	SLEEVE P8	A118-4010	1		İ			
51 - 5	H0012-0006-29	SEAL PLUG	A118-4012	1			1		
51 - 6	H0012-0000-88	PLUG PA SHOWA PA-4	A118-4012	1 1	i i	ł		ł] ;
51 - 7	H0012-0004-97	NIPPLE PD SHOWA PD-612	A118-4012	1					<u> </u>
51 - 8	H0012-0001-11	SLEEVE PB SHOWA PG-6	A1 18-4012	1	i i		1	}	
51 - 9	H0012-0001-12	PLUG PA	A118-4012	1					
51 - 10	C2781-000402	JOINT, PIPE NTN PA-4-PT 1/8	A118-4012	1	l l	1	1	ļ]
51 - 11	C5000-160601	BOLT 16X60	A118-4012	2				1	!
51 - 12	C5000-160551	BOLT 16X55	A118-4012	2		Ì		İ	i l
51 - 13	KW118-4100-41-00	LINER	A118-4005	2			ļ	ļ	
51 - 14	118-4001-49	BASE, LOWER	A1 18-4005	1 1	1 1	Į	1	1]
51 - 15	C5010-050081	BOLT, SOCKET-HEAD 5X8	A118-4005	6		1	İ		[
51 - 16	H 1023-0005-72	WIPER	A1 18-4005	1					
51 - 17	X	JOINT	ļ	1				1] !
51 - 18	х	CONNECTOR		1		j		j]
51 - 19	H1023-0005-73	WIPER BANDO	A118-4005	1			i		
51 - 20	C5010-050081	BOLT, SOCKET-HEAD 5X8	A118-4005	6					
51 - 21	C5029-000061	BOLT, GIB 6	A1 18-4005	1				1	
51 - 22	118-4000-41	GIB	A118-4005] 1]]	j	j	
51 - 23	J9811-7700-12002	SET-SCREW, DRILLED HEAD, FP	A118-4005	4				1	[
51 - 24	118-4080-02	BLOCK	A118-4005	1				1	
51 - 25	C5089-060151	SCREW, PIN 6X15	A118-4005	1 1]	
51 - 26	118-4000-18-2	PLATE	A118-4005	1		1		ŀ]
51 - 27	C5010-060161	BOLT, SOCKET-HEAD 6X16	A118-4005	2			1		1
51 - 28	118-4080-06-1	NUT	A118-4005	2					
51 - 29	D6110-000P36	O-RING 3.5X35.7	A118-4005	2					
51 - 30	M001-81105T2	BEARING 81 105	A118-4005	2					
51 - 31	118-4080-05-2	BLOCK, CLAMP	A118-4005	2			[{	
51 - 32	M101-20270-01303	SPRING, COMPRESSION, SETTING	A1 18-4005	2				i	
51 - 33	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118-4005	4					
51 - 34	118-4080-04-2	BLOCK	A118-4005	2					
51 - 35	118-4080-03-2	SHAFT	A118-4005	2		ſ	1		1
51 - 36	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118-4005	6					
			l				i	1	1 3



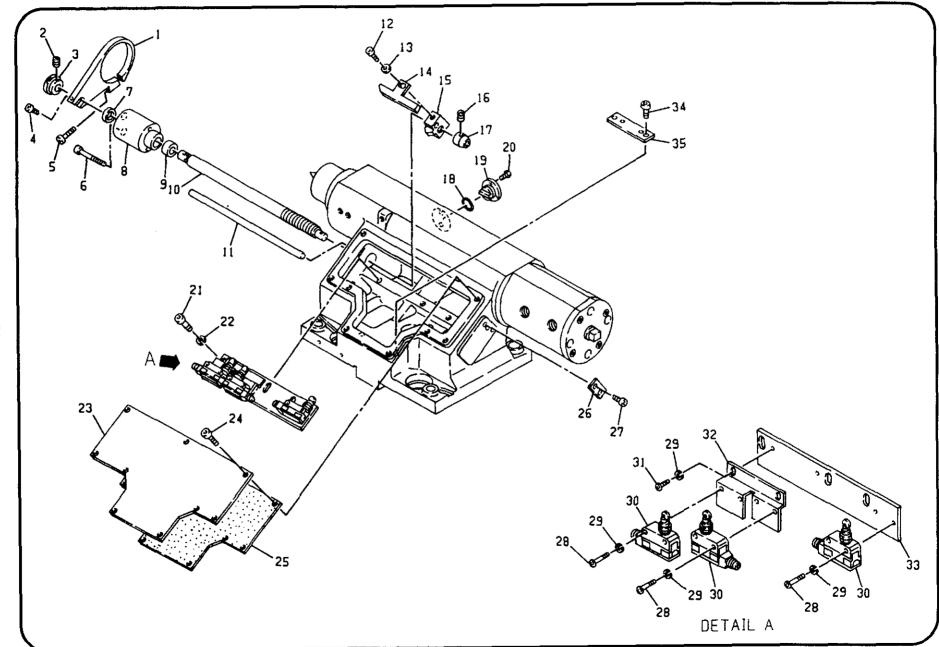
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
53 - 1	T009-020-000-3	CENTER, REVOLVING MT.NO.5	A121-6000	1					
53 - 2	C5010-060141	BOLT, SOCKET-HEAD 6X14	A118-4000	4					
53 - 3	118-4000-69	CAP	A118-4000	1			}		
53 - 4	H0031-0009-35	SEAL DKI FD3913A0	A118-4000	1				1	f i
53 - 5	118-4001-08-3	TAILSTOCK	A118-4030	1					
53 - 5	118-4001-08-3	TAILSTOCK	A118-4012	1			i :	l	
53 - 6	118-4000-68-2	SLEEVE	A118-4020	1					
53 - 7	C5030-006081	SET-SCREW, FLAT-POINT 6X8	A118-4000	2				<u> </u>	
53 - 8	118-4000-37-3	CAP	A118-4000	1			ļ		
53 - 9	118-4000-72	SHAFT	A118-4020	1					i I
53 - 10	C5160-000061	WASHER, SPRING, FOR HOLE 6	A118-4000	4	[[•		İ	!
53 - 11	C5010-060161	BOLT, SOCKET-HEAD 6X 16	A118-4000	4					i l
53 - 12	C5015-400801	BOLT, SOCKET-HEAD, LONG	Á118-4000	4	1			ļ] ,
		M8X40X80						ļ	•
53 - 13	H0031-0008-86	PACKING CU0497K0 NOK USH	A118-4000	1					
53 - 14	118-4000-66-3	CYLINDER	A118-4000	1				{	ĺĺ
53 - 15	C6110-000P10	O-RING 1.9X9.8	A118-4000	1				İ	
53 - 16	C6110-000G70	O-RING G70	A118-4000	1			Ì	1	i
53 - 17	118-4000-71-1	PISTON	A118-4000	1					
53 - 18	H0031-0008-85	PACKING NOK USH CU 032 OKO	A118-4000	1			1	j	
53 - 19	H0031-0008-83	CAP SEAL CAP-IBE-55	A118-4000	1				1	
53 - 20	H0031-0008-84	PISTON RING M65X2.5X2.7	A118-4000	1		[ļ		Į į
53 - 21	118-4000-67-3	CAP	A118-4000	1	[1	ĺ	i i
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	.		J	1	
53 - 26	C7867-263635	GASKET, 26.5	A118-4010	1				ĺ	i į
53 - 27	C7866-000043	PLUG, G22(PF3/4)	A118-4010	1					i l
53 - 28	118-4001-09	PLATE	A118-4010	1					ł
			}	ł			1	ļ	
]						
							[1	
				!			<u> </u>]	

SHEET NO. 55 TAILSTOCK INSTALLATION (TOWALONG)



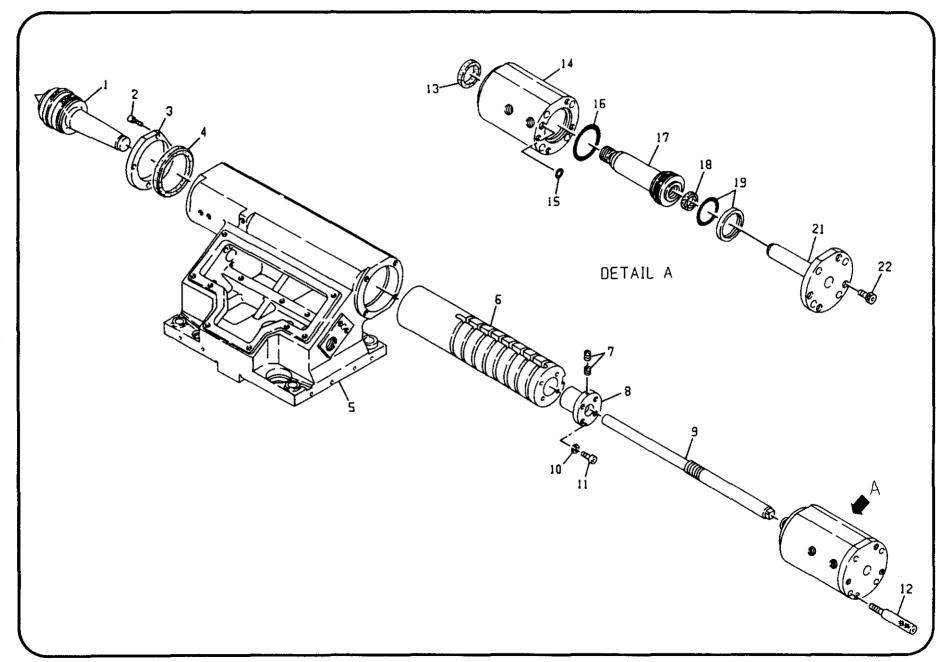
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
55 - 1	C5010-050201	BOLT,SOCKETHEAD 5X20	A118-4002	2	55 - 38	C7781-040300	PIPE,STEEL 4X300	A118-4002	2
55 - 2	C5140-000051	WASHER, POLISHED 5	A118-4002	2	l 1				
55 - 3	118-4101-12-1	STOPPER	A118-4002	2		ļ	J	J	<u> </u>
55 - 4	C2781-000402	JOINT,PIPE, NTN	A118-4002	1					
55 - 5	C5000-160601	BOLT 16X60	A118-4002	2					
55 - 6	C5030-008101	SETSCREW,FLATPOINT 8	A1 18-4002	2	H				i /
55 - 7	118-4101-13-3	BUSHING	A118-4002	2				1	
55 - 8	C6110-000P45	O-RING 3.5X44.7	A118-4002	2	!	}	1	į.]
55 - 9	C5010-040081	BOLT,SOCKETHEAD 4X8	A118-4002	12	ii]
55 - 10	H1023-0005-72	WIPER, BANDO	A1 18-4002	1					
55 - 11	H1023-0005-73	WIPER, BANDO	A118-4002	1 1				į.	1
55 - 12	118-4101-33-1	BASE,LOWER	A118-4002	1	1 1			Ĺ	1 /
55 - 13	KW118-4100-41-00	SPACER	A118-4002	2	1 1	1	1		1 1
55 - 14	Х	ELBOW	A118-4002	1					
55 - 15	C5000-160551	BOLT 16X55	A118-4002	2					
55 - 16	C5029-000061	BOLT,GIB 6	A1 18-4002	1	H				1
55 - 17	118-4000-41	GIB	A118-4002	1					1
55 - 18	H0022-0003-17	HOSE,FLEXIBLE, SHOWA	A118-4002	1 1		ĺ	į	ł	l /
55 - 19	H0012-0001-12	PLUG PA, SHOWA	A118-4002	1					
55 - 20	H0012-0001-11	SLEEVE PB, SHOWA	A1 18-4002	1					
55 - 21	H0012-0005-01	ELBOW PH, SHOWA	A118-4002	1			İ		
55 - 22	H0012-0004-99	NIPPLE KH, SHOWA	A118-4002	1 1					
55 - 23	C5010-060301	BOLT, SOCKETHEAD 6X30	A118-4002	2				ſ	1 1
55 - 24	H0012-0000-88	PLUG PA, SHOWA	A1 18-4002	5					1 /
55 - 25	H0012-0000-89	SLEEVE PB, SHOWA	A1 18-4002	5					
55 - 26	H0012-0004-98	PLUNGER, SHOWA	A118-4002	1	l				
55 - 27	H0012-0004-96	SEAL PLUG PG, SHOWA	A118-4002	ļ ,				.]	j /
55 - 28	C2781-000402	JOINT, PIPE, NTN	A1 18-4002	4	li				1 /
55 - 29	C7781-040200	PIPE,STEEL 4X200	A1 18-4002	2					
55 - 30	D6110-000P12	O-RING 2.4X11.8	A1 18-4002	2					
55 - 31	118-4100-71-1	JOINT	A118-4002	1 1		ļ			
55 - 32	C5010-060351	BOLT,SOCKETHEAD 6X35	A118-4002	2	1 1	ļ		1	, ,
55 - 34	C5010-100601	BOLT,SOCKETHEAD 10X60	A118-4002	2					
55 - 35	118-4101-30	BLOCK	A118-4002	1				}	j /
55 - 36	C5010-060141	BOLT,SOCKETHEAD 6X14	A118-4002	2					
55 - 37	118-4101-31	DOG	A118-4002	1			1		
55 - 38	C7781-040300	PIPE,STEEL 4X300	A118-4002	2	1 1	ł		1	1 I



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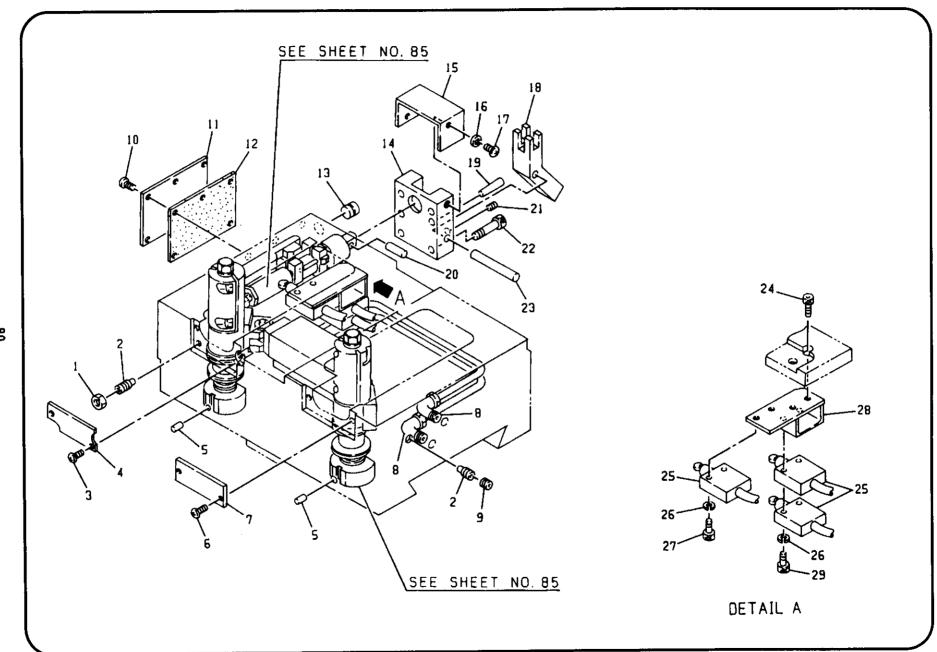
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
57 - 1	118-4101-01-2	SUPPORT	A118-4002	1					
57 - 2	C5030-006101	SETSCREW,FLATPOINT 6X10	A118-4002	1 1					
57 - 3	118-4101-59	GRIP	A118-4002	1 1					
57 - 4	C5012-060161	BOLT,HEX.HEAD,GROOVED	A118-4002	1					[
57 - 5	C5010-060401	BOLT,SOCKETHEAD 6X40	A118-4002	1 1					! !
57 - 6	C5010-060751	BOLT,SOCKETHEAD 6X75	A118-4002	2			[ł
57 - 7	H0031-0003-96	DUST SEAL, NOK	A118-4002	1 1			<u> </u>		
57 - 8	118-4100-89	CAP	A1 18-4002	1					1
57 - 9	M004-MB1615DU	BEARING, DAIDO	A118-4002	1 1]		1
57 - 10	118-4100-99-3	SHAFT	A118-4002	1 1]]				
57 - 11	118-4100-96	BAR	A118-4002	1					1
57 - 12	C5010-060101	BOLT,SOCKETHEAD 6X10	A118-4002	1 1	1 1				1
57 - 13	C5140-000061	WASHER,POLISHED 6	A118-4002	[1]					l
57 - 14	118-4101-54-1	DOG	A118-4002] 1					
57 - 15	118-4101-53	DOG	A118-4002	1 1			1		1
57 - 16	C5034-006061	SETSCREW,CUPPOINT 6X6	A118-4002	1 1					ĺ
57 - 17	118-4100-83-2	DOG	A1 18-4002	1					ł
57 - 18	C6110-000P21	ORING 2.4X20.8	A118-4000	[1 [1		
57 - 1 9	118-4000-13	CAP	A118-4000	1 1					
57 - 20	C5040-006101	SCREW,PANHEAD 6X10	A118-4000	2			1		
57 - 21	C5010-060161	BOLT,SOCKETHEAD 6X16	A118-4002] 3					ĺ
57 - 22	C5160-000061	WASHER, SPRING, FOR HOLE	A1 18-4002] 1]					1
57 - 23	118-4100-42-1	CAP	A118-4002	1					1
57 - 24	C5010-060101	BOLT,SOCKETHEAD 6X10	A118-4002	9			•		ł
57 - 25	H1020-1056-42	PACKING 189X318X1	A118-4002	1 1					
57 - 26	118-4101-34	PLATE	A118-4002	1 1					l
57 - 27	C5010-060101	BOLT,SOCKETHEAD 6X10	A118-4002	2]		ĺ
57 - 28	C5040-004251	SCREW,PANHEAD 4X25	A118-4002	6					1
57 - 29	C5160-000041	WASHER,SPRING 4	A118-4002	8					į.
57 - 30	E3019-891-017	LIMITSWITCH, YAMATAKE	A118-4002	3			1		l I
57 - 31	C5040-004081	SCREW,PANHEAD 4X8	A118-4002	2					l '
57 - 32	118-4100-98-2	SUPPORT	A118-4002	1 1			1		l .
57 - 33	118-4101-55-1	PLATE	A118-4002	1			1		
57 - 34	C5010-060141	BOLT,SOCKETHEAD 6X14	A118-4002	2					1
57 - 35	118-4100-77-1	TERMINAL	A118-4002	1					1
j									
				<u> </u>					1



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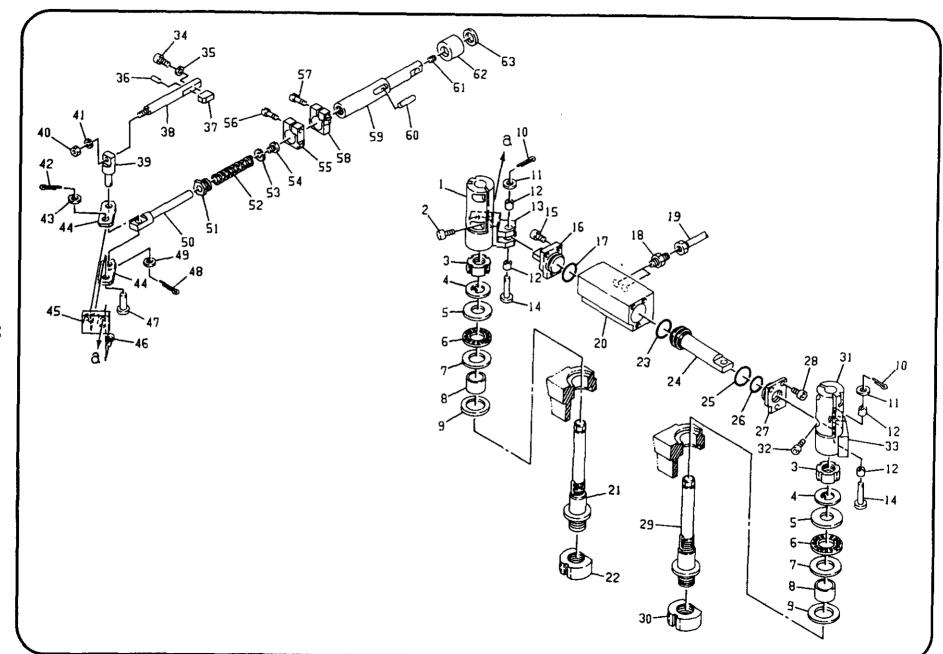
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
59 - 1	T009-020-000-37	CENTER, FUTAMURA	A121-6000	1					
59 - 2	C5010-060141	BOLT,SOCKETHEOD 6X14	A118-4000	4					
59 - 3	118-4000-69	CAP	A118-4000	1		j			
59 - 4	H0031-0009-35	DUST SEAL, NOK	A118-4000	1					1
59 - 5	118-4101-32-7	TAILSTOCK	A118-4002	1				,	l
59 - 6	118-4000-68-2	SLEEVE	A118-4020	1	i i				
59 - 7	C5030-006081	SETSCREW,FLATPOINT 6X8	A118-4000	2	1				1
59 - 8	118-4000-37-3	CAP	A118-4000	1					
59 - 9	118-4000-72	SHAFT	A118-4020	1					1
59 - 10	C5160-000061	WASHER, SPRING, FOR HOLE 6	A118-4000	4					
59 - 11	C5010-060161	BOLT, SOCKETHEAD 6X16	A118-4000	4					
59 - 12	C5015-400801	BOLT,SOCKETHEAD,LONG 8X40X80	A118-4000	4					
59 - 13	H0031-0008-86	PACKING, NOK	A118-4000	1	ı i				
59 - 14	118-4000-66-3	CYLINDER	A118-4000	1	1				
59 - 15	C6110-000P10	ORING 1.9X9.8	A118-4000	1					
59 - 16	C6110-OOOG70	ORING 3.1X69.4	A118-4000	1	1		•		. 1
59 - 17	118-4000-71-1	PISTON	A118-4000	1					i I
59 - 18	H0031-0008-85	PACKING, NOK	A118-4000	1	•				· •
59 - 19	H0031-0008-83	CAP SEAL, DAINICHI	A118-4000	1					
59 - 21	118-4000-67-3	CAP	A118-4000	1					
59 - 22	C5010-080201	BOLT,SOCKETHEAD 8X20	A118-4000	4					
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	IN	NDEX	PART NO.	DESCRIPTION	UNIT	QTY.
61 - 1	C5100-000101	NUT,HEX.NO.3 10	A118-4002	1						
61 - 2	C5035-010251	SETSCREW,DOGPOINT 10X25	A118-4002	2		- [[
61 - 3	C5040-004101	SCREW,PANHEAD 4X10	A118-4002	2		j		j		J
61 - 4	118-4101-14-1	COVER	A118-4002	1						
61 - 5	C5201-006120	PIN,PARALLEL 6X12	A118-4002	2					1	
61 - 6	C5040-004101	SCREW,PANHEAD 4X10	A118-4002	2						
61 - 7	118-4101-11	COVER	A118-4002	1		1			İ	
61 - 8	H0010-0000-12	ELBOW,MALE, NITTA	A116-4002	2		l		}	ļ	ļ
61 - 9	C5030-010161	SETSCREW,FLATPOINT 10X16	A1 18-4002	1						
61 - 10	C5040-005101	SCREW,PANHEAD 5X10	A118-4002	5		ŀ				
61 - 11	118-4100-95	CAP	A118-4002	1						
61 - 12	H1020-1052-85	PACKIN6 76X106X1	A118-4002	1					İ	
61 - 13	C0500-000151	COVER,BLIND 15	At 18-4002	1		ı		ł	}	
61 - 14	118-4101-70-1	COVER	A118-4002	1		ı				
61 - 15	118-4100-94-1	COVER	A118-4002	1		1			ł	
61 - 16	C5140-000051	WASHER,POLISHED 5	A118-4002	2	1					
61 - 17		SCREW,PANHEAD 5X8	A118-4002	2						i '
61 - 18	118-4100-69-2	LEVER	A118-4002	1	ľ			i		l I
61 - 19	C0201-080321	ITP 8X32	A118-4002	2		1				
61 - 20	C5201-008250	PIN,PARALLEL 8X25	A118-4002	1						
61 - 21	C5030-006061	SETSCREW,FLATPOINT 6	A118-4002	1						
61 - 22	C5010-100351	BOLT, SOCKETHEAD 10X35	A118-4002	4						
61 - 23	J9813-5401-080070	PLN,PARALLEL A 8X70 H7	A118-4002	1		ſ		ĺ	ĺ	[
61 - 24	C5010-050201	BOLT, SOCKETHEAD 5X20	A118-4002	1		- 1			ļ	1
61 - 25	E3019-891-025	LIMITSWITCH, YAMATAKE	A118-4002	3						
61 - 26	C5160-000051	WASHER, SPRING 5	A118-4002	4						
61 - 27	C5010-050161	BOLT, SOCKETHEAD 5X16	A118-4002	2				j		
61 - 28	118-4100-61	LS BRACKET	A118-4002	1						[
61 - 29	C5010-050351	BOLT, SOCKETHEAD 5X35	A118-4002	2		- 1				
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SHEET NO. 63 LOCKING DEVICE (2) (TOWALONG)

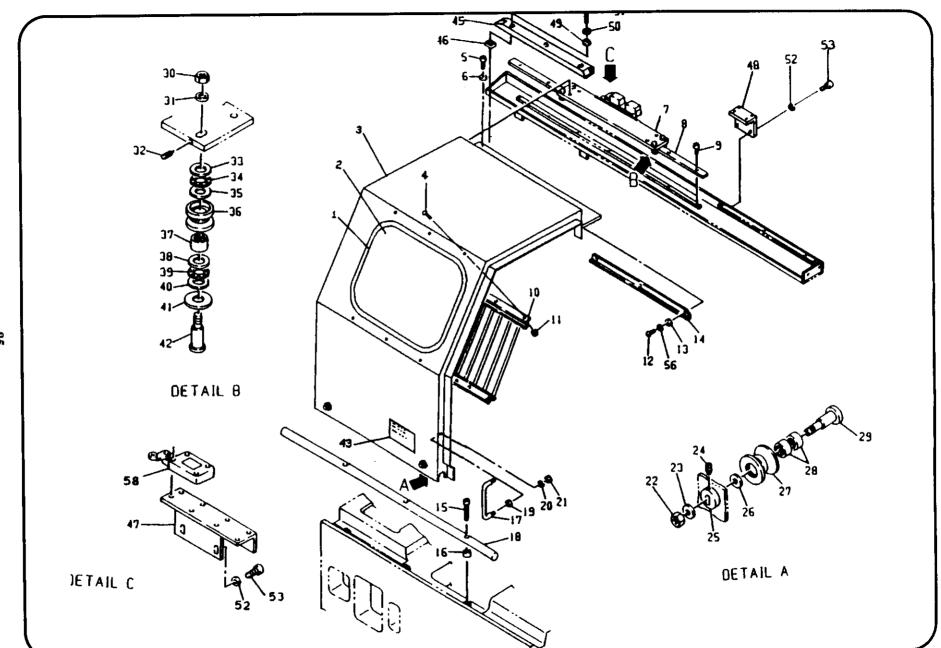


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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
63 - 1	118-4101-08	BOSS	A118-4002	1	63 - 38	118-4100-59	SHAFT	A118-4002	1
63 - 2	C5010-060141	BOLT,SOCKETHEAD 6X14	A118-4002	2	63 - 39	118-4110-58	PIN	A118-4002	1
63 - 3	118-4100-08-1	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 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	A1 18-4002	2
63 - 8	M004-MB2520DU	BEARING, DAIDO	A1 18-4002	2	63 - 45	118-4100-55-1	SUPPORT	A118-4002	j 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	A1 18-4002	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	A1 18-4002	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	SPRIN6,COMPRESSION,SET 1.6X13.6X72X20	A118-4002	1
63 - 17	C6110-OOOG25	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	A1 18-4002	1
63 - 19	F124-3040-00	TUBE,SYNFLEX, NITTA	A1 18-4002	2	63 - 55	118-4100-66-1	DOG	A1 18-4002	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 1	63 - 5 7	C5000-060201	BOLT 6X20	A118-4002	1
63 - 22	118-4100-46-2	BLOCK	A1 18-4002	1 1	63 - 58	118-4100-67-1	D0G	A118-4002	1
63 - 23	C6110-000P24	ORING 3.5X23.7	A118-4002] 1]	63 - 59	118-4100-64-2	SHAFT	A1 18-4002	1
63 - 24	118-4100-14-2	PISTON	A118-4002	1	63 - 60	C5170-040300	KEY 4X4X30	A1 18-4002	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 1	63 - 62	118-4100-68-1	BUSHIN6	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	, ,	ŀ				J
63 - 30	118-4100-44-2	BLOCK	A118-4002	1 1]
63 - 31	118-4101-06	BOSS	A118-4002	1					
63 - 32	C5010-060161	BOLT,SOCKETHEAD 6X16	A118-4002	2	1				1 1
63 - 33	118-4101-07-2	LEVER	A118-4002	1					
63 - 34	C5010-060161	BOLT, SOCKETHEAD 6X16	A1 18-4002	1					
63 - 35	C5140-000061	WASHER,POLISHED 6	A118-4002	1					}
63 - 36	C5201-006120	PIN,PARALLEL 6X12	A118-4002	1 1					!!
63 - 37	118-4100-60	DOG	A118-4002	1					
63 - 38	118-4100-59	SHAFT	A118-4002	1	L I			 -	1 1

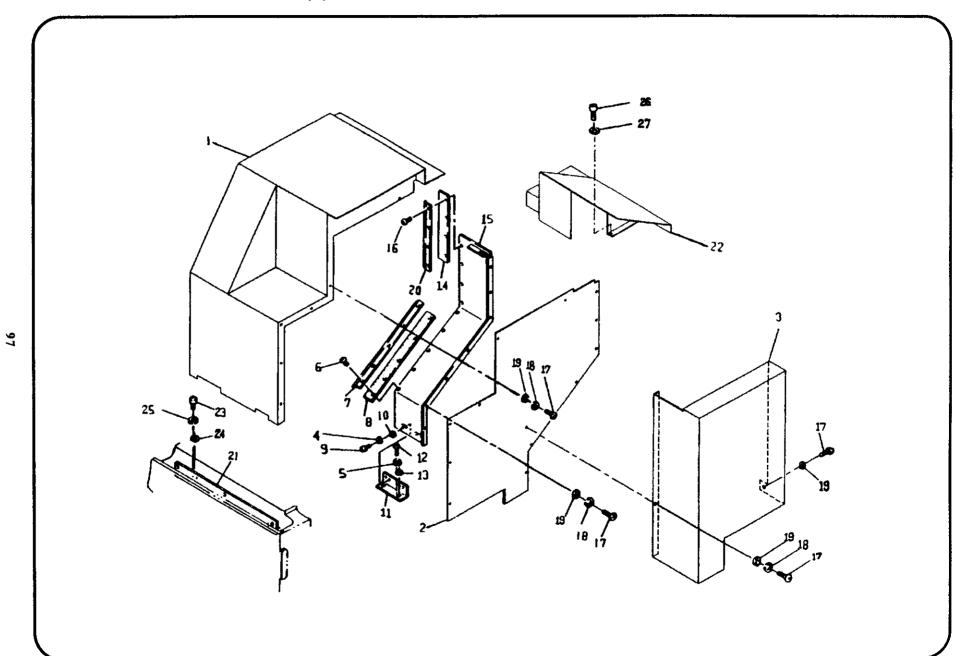
COVER GROUP

FRONT DOOR	95
COVERS (1)	97
COVERS (2) TAILSTOCK	99
COVERS (3)	101
COVERS (4)	103
SADDLE COVERS	105
BACK COVERS	107
MOTOR COVERS	109
COVERS (H.S. SPINDLE)	. 111



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	A1 18X-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.45	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	A1 18X-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	A1 18X-6503	2
71 - 27	118-7100-59-1	ROLLER	A118X-6503	2
71 - 28	M001-HK1512	BEARING INA HK1512	A118X-6503	4
		M15X21X12		
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	A1 18X-6503	2
71 - 33	M001-WS81102	BEARING INA WS81102	A118X-6503	4
		M15X28X2.75	1	
71 - 34	M001-AXK1102	BEARING INA AXK1102	A118X-6503	4
		M15X28X2	ĺ	

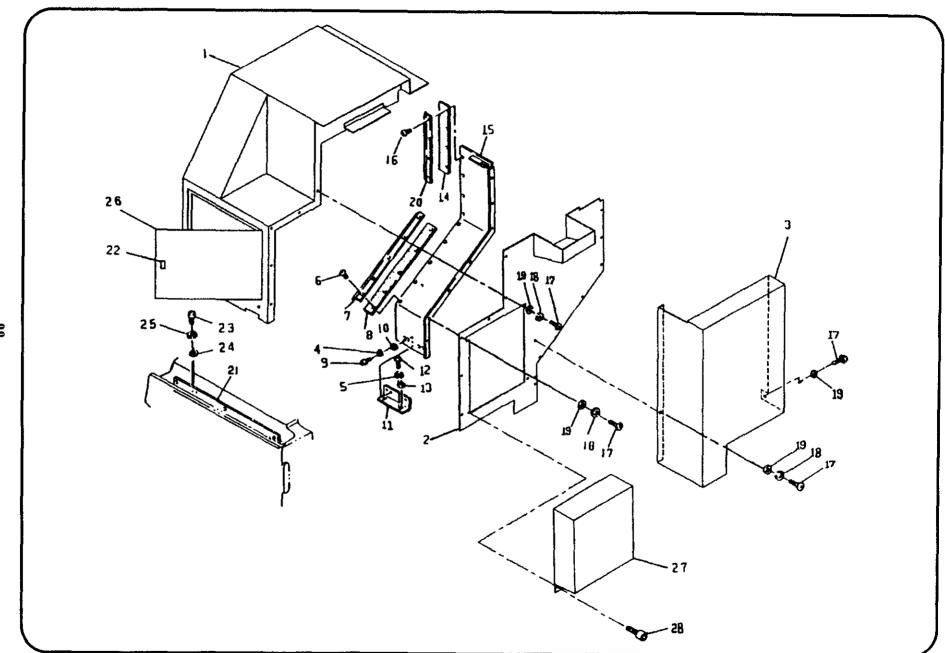
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
71 - 35	M001-AS1102	BEARING AS1102	A118X-6503	4
71 - 36	118-7100-20	ROLLER	A118X-6503	4
71 - 37	M001-HK1516	BEARING HK1516	A118X-6503	4
71 - 38	M001-AS1102	BEARING AS1102	A118X-6503	4
71 - 39	M001-AXK1102	BEARING AXK1102	A118X-6503	4
71 - 40	M001-WS81102	BEARING WS81102	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	A1 18-6550	3
71 - 52	C5140-000061	WASHER, SPRING 6	A1 18-6550	2
71 - 53	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118-6550	2
71 - 58	E3012-891-001	LIMIT SWITCH, MICRO	A118-6550	2
		SWITCH ISLI-J		
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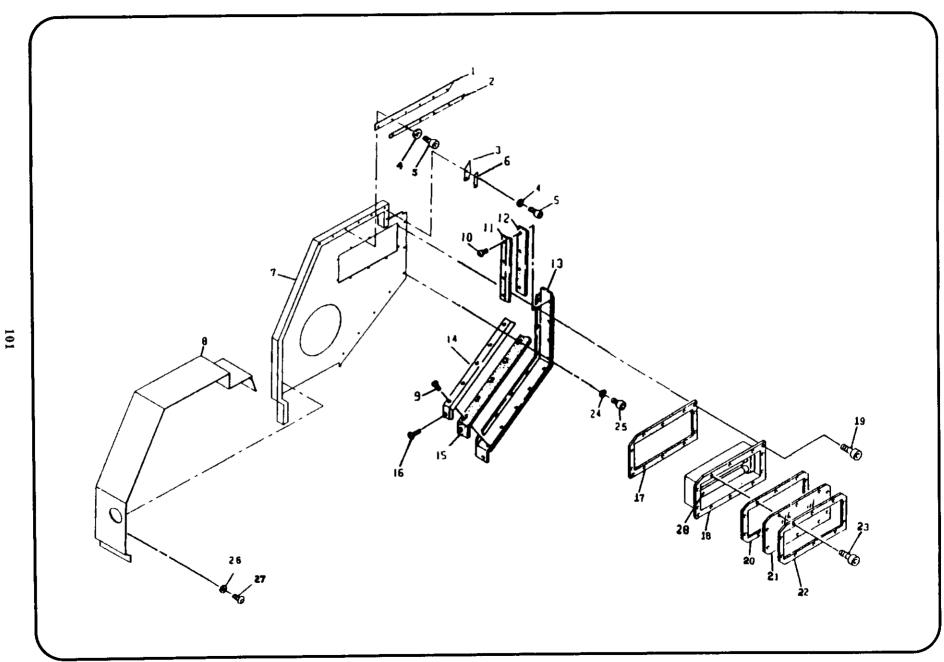
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	IND	DEX	PART NO.	DESCRIPTION	UNIT	QTY
72 - 1	K118-6500-42-01	COVER	A118X-6503	1						
72 - 2	K118-6500-79-00	COVER	A1 18X-6503	1						i
72 - 3	K118-6500-87-01	COVER	A1 18X-6503	1						
72 - 4	C5160-000061	WASHER	A118X-6503	4		ļ				1
72 - 5	C5160-000081	WASHER	A118X-6518	2						
72 - 6	C5040-005121	SCREW, PAN-HEAD	A118X-6503	5						
72 - 7	KW118-7100-37-00	PLATE	A118X-6503	1 1						
72 - 8	H1020-1046-09-2	WIPER	A118X-6503	1 1						
72 - 9	C5010-060101	BOLT, SOCKET-HEAD 6XL0	A118X-6503	4				•		1
72 - 10	C5150-000061	WASHER	A118X-6503	4						1
72 - 11	K118-6500-85-00	SUPPORT	A118X-6518	1 1						
72 - 12	C5010-080141	BOLT, SOCKET-HEAD 8X14	A118X-6518	2		l				i
72 - 13	C5140-000081	WASHER	A118X-6518	2						
72 - 14	H1020-1046-10-2	WIPER	A118X-6503	1		Ì				
72 - 15	118-7100-49-1	COVER	A118X-6503	1 1						
72 - 16	C5040-005121	SCREW, PAN-HEAD 5X12	A118X-6503	4		ŀ				
72 - 17	C5040-006101	SCREW, PAN-HEAD 6XL0	A118X-6503	11						
72 - 18	C5160-000061	WASHER	A118X-6503	11						
72 - 19	C5150-000061	WASHER	A118X-6503	11						
72 - 20	118-7100-36	COVER	A118X-6503	1 1						
72 - 21	K118-6500-64-00	SUPPORT	A118X-6503] 1						
72 - 22	K118-4000-06-00	COVER		1			!			
72 - 23	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-6503	2						1
72 - 24	C5140-000081	WASHER	A118X-6503	2			:	1		
72 - 25	C5160-000081	WASHER	A118X-6503	2						
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SHEET NO. 73 COVERS (2) TAILSTOCK



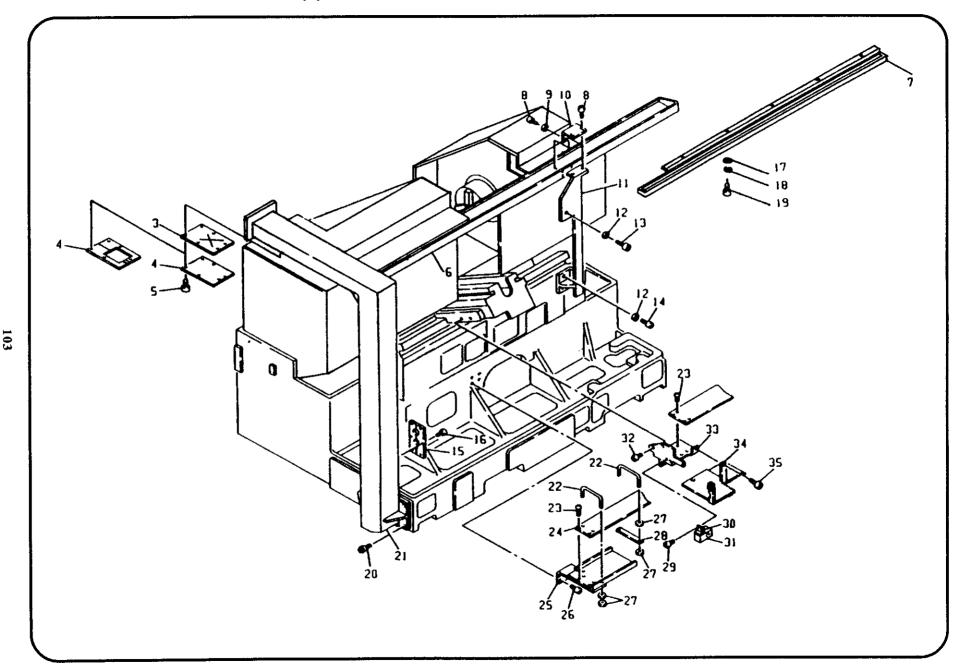
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
73 - 1	K1 18-6500-42-01	COVER	A118B-6503	1					
73 - 2	K118-6500-43-04	COVER	A118X-4041	1					
73 - 3	K118-6500-87-01	COVER	A1 18X-6500	1					l.
73 - 4	C5160-000061	WASHER	A1 18X-6503	4					
73 - 5	C5160-000081	WASHER	A118X-6518	2	l.				
73 - 6	C5040-005121	SCREW, PAN-HEAD 5XL2	A118X-6503	5					
73 - 7	KW118-7100-37-00	PLATE	A118X-6503	1					
73 - 8	H1020-1046-09-2	WIPER	A118X-6503	1					
73 - 9	C5010-060101	BOLT, SOCKET-HEAD 6X±0	A118X-6503	4					
73 - 10	C5150-000061	WASHER	A118X-6503	4					
73 - 11	K118-6500-85-00	SUPPORT	A118X-6518	1					
73 - 12	C5010-080141	BOLT, SOCKET-HEAD 8X14	A118X-6518	2					l
73 - 13	C5140-000081	WASHER	A118X-6518	2					ĺ
73 - 14	H1020-1046-10-2	WIPER	A118X-6503	1	1			1	
73 - 15	K118-6500-84-00	COVER	A118X-6503	1					
73 - 16	C5040-005121	SCREW, PAN-HEAD 5XL2	A118X-6503	4					
73 - 17	C5040-006101	SCREW, PAN-HEAD 6XL0	A118X-6503	11				ļ	
73 - 18	C5160-000061	WASHER	A118X-6503	11					
73 - 19	C5150-000061	WASHER	A118X-6503	11					1
73 - 20	118-7100-36	PLATE	A118X-6503	1 1					
73 - 21	K118-6500-46-00	SUPPORT	A118X-6503	1					
73 - 22	KM0-0295-00	LATCH, SOUTHCO 62-10-701-50	A118X-4041	1 1					
73 - 23	C5010-080161	BOLT, SOCKET-HEAD 8X 16	A118X-6503	2					
73 - 24	C5140-000081	WASHER	A118X-6503	2					
73 - 25	C5160-000081	WASHER	A118X-6503	2					
73 - 26	K118-6500-44-00	COVER	A118X-4041	1		ļ			
73 - 27	K118-6501-20-00	COVER	A118X-4041	1					1
73 - 28	C5010-060101	BOLT, SOCKET-HEAD 6XL0	A118X-4041	2					
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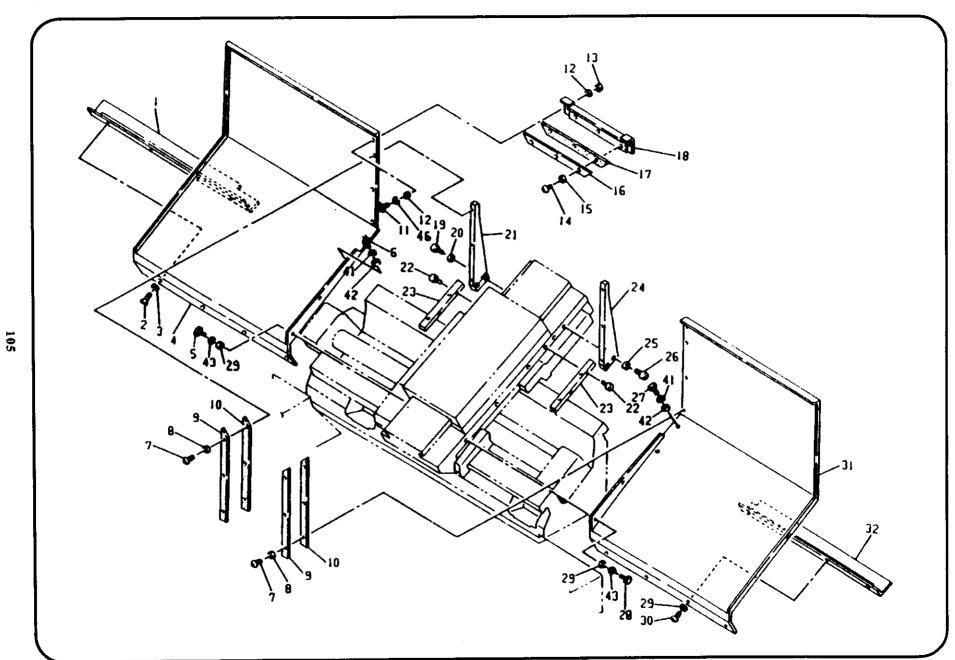
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
74 - 1	KM1-0286-00	WIPER	A118X-6518	1					
74 - 2	K118-6500-16-00	PLATE	A118X-6518	1 1		li .	}	ł	1
74 - 3	KM1-0285-00	WIPER	A118X-6518	1					!
74 - 4	C5150-000061	WASHER	A118X-6518	8					
74 - 5	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118X-6518	8					
74 - 6	K118-6500-15-00	HOLDER	A118X-6518	1 1				1	1 /
74 - 7	K118-6500-18-00	COVER	A118X-6512	1			1		
74 - 8	K118-6500-25-03	COVER	A118X-6512	1 1					
74 - 9	C5040-005121	SCREW, PAN-HEAD 5X12	A118X-6518	5					
74 - 10	C5040-005121	SCREW, PAN-HEAD 5X12	A118X-6518	4				1	1 !
74 - 11	118-7100-23	HOLDER	A118X-6518	1 1			1		1
74 - 12	H1020-1046-10-2	WIPER	A118X-6518	1					
74 - 13	118-7101-84-1	COVER	A118X-6518	1				İ	1
74 - 14	KW118-7101-69-00	HOLDER	A118X-6518	1 1			1	ļ]
74 - 15	H1020-1070-99-3	WIPER	A118X-6518	1		·		1	
74 - 16	C5040-005101	SCREW, PAN-HEAD 5X10	A118X-6518	1					
74 - 17	H1020-1048-66	PACKING	A1 18-9101	1 1					
74 - 18	E3539-490-002	LIGHT	A118-9101	1 1					
74 - 19	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118-9101	2				1	1
74 - 20	H1020-1048-65	PACKING	A118-9101	1					
74 - 21	H1022-1023-67-1	POLYCARBONATE	A118-9101	1					
74 -22	118-9100-02-1	PLATE	A118-9101	1 1				1	j
74 - 23	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118-9101	10	1			1	
74 - 24	C5150-000061	WASHER	A118X-6518	7					
74 - 25	C5040-060101	SCREW, PAN-HEAD 6X10	A118X-6518	7					
74 - 26	C5040-000081	WASHER	A118X-6512] 4]			1		
74 - 27	C5010-080141	BOLT, SOCKET-HEAD 8X14	A118X-6512	4					
74 - 28	E3583-490-005	BULB	A118-9109	2					1
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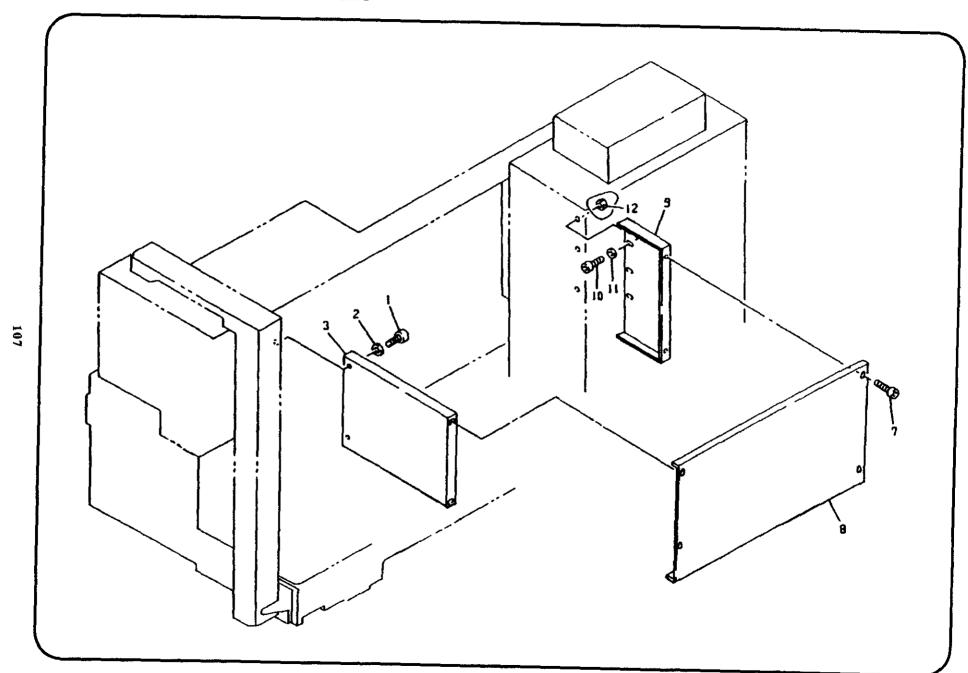
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDE	x	PART NO.	DESCRIPTION	UNIT	QTY.
75 - 3	H1020-1117-22	PLATE 116X170X2	A118X-5021	1		Ŧ				
75 - 4	118-5102-31	PLATE (TAILSTOCK)	A118X-5021	2						1
					. .		į			
75 - 5	C5010-060161	BOLT, SOCKET-HEAD 6X16	A118X-5021	6						
75 - 6	K118-6500-28-02	SUPPORT	A118X-6503	1						
75 - 7	K118-6500-27-00	SUPPORT	A118X-6503	1		-				•
75 - 8	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-0009	6		1		,		
75 - 9	C5150-000081	WASHER, PLAIN 8	A118X-0009	6						
75 - 10	118-0200-17-4	SUPPORT	A118X-0009	1					į	
75 - 11	KW118-0200-53-00	BRACKET	A118X-0009	1						
75 - 12	C5150-000121	WASHER, PLAIN 12	A118X-0009	5		-				
75 - 13	C5000-120251	BOLT, HEX-HEAD 12X25	A118X-0009	3		1				
75 - 14	C5000-120301	BOLT, HEX-HEAD 12X30	A118X-0009	2		1				
75 - 15	118-5100-90	CAP	A118X-5021	2	1	ı				
75 - 16	C5040-006081	SCREW, PAN-HEAD 6X8	A118X-5021	6						
75 - 17	C5040-006081	SCREW, PAN-HEAD 6X8	A118X-6503	6	i I					
75 - 18	C5160-000061	WASHER, SPRING 6	A118X-6503	6			:			
75 - 19	C5150-000061	WASHER, PLAIN 6	A118X-6503	6						
75 - 20	C5010-120401	BOLT, SOCKET-HEAD 12X40	A118X-5021	4		ł				
75 - 21	K118-5000-03-05	DUCT	A118X-5021	1		1]	
75 - 22	KW118-6000-42-00	BOLT	A118X-2150	4		ı				
75 - 23	C5040-006081	SCREW, PAN-HEAD 6X8	A118X-2150	8					ł	
75 - 24	M109-1024-49	PLATE	A118X-2150	1					į.	
75 - 25	K1 18-6200-03-01	SUPPORT	A118X-0009	1		1				
75 - 26	C5010-080121	BOLT, SOCKET-HEAD 8X12	A118X-0009	4						
75 - 27	C5100-000051	NUT, HEX.NO.3 5	A118X-2150	10					1	
75 - 28	118-6000-43-1	PLATE	A118X-2150	6					l	l
75 - 29	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118X-2150	2						
75 - 30	118-6000-45	SUPPORT	A118X-2150	1						
75 - 31	118-6000-44	JOINT	A118X-2150	1		ŀ				
75 - 32	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118X-2150	2						
75 - 33	118-6000-40-3	SUPPORT	A118X-2150	1	1			,		
75 - 34	K118-6200-04-00	SUPPORT	A118X-2150	1	1 [
75 - 35	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118X-2150	2				1		
75 - 36	C5160-000041	WASHER, SPRING	A118X-0009	8] [ŀ				
75 - 37	C5140-000041	WASHER, PLAIN	A118X-0009	8						1
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OKUMA MACHINE TOOLS, INC.

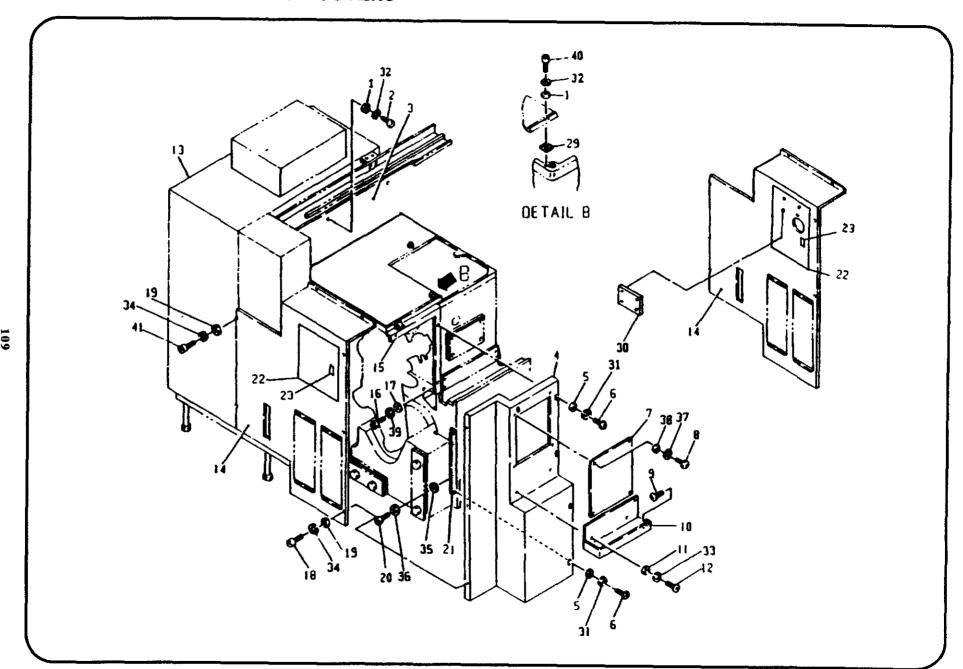
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO	DESCRIPTION	UNIT	QTY.
76 · 1	118-7200-10-5	COVER	A118X-6521	1					
76 - 2	C5050-006081	SCREW, FLAT-HEAD 6X8	A118X-6521	4					ŀ
76 - 3	C5140-000061	WASHER, POLISHED 6	A118X-6521	4					1
76 - 4	118-7200-14-6	COVER	A118X-6521	1				Ì	
76 - 5	C5000-060101	BOLT, HEX-HEAD 6X10	A1 18X-6521	2	ŀ			1	
76 - 6	C5000-060101	BOLT, HEX-HEAD 6X10	At 18X-6521	4					l
76 - 7	C5040-060161	SCREW, PAN-HEAD 6X16	A118X-6521	6					l
76 - 8	C5140-000061	WASHER, POLISHED 6	A118X-6521	6					l
76 - 9	118-7200-34	PLATE	A118X-6521	2					
76 - 10	H1023-1033-56	WIPER	A118X-6521	1					
76 - 10	H1023-1033-57	WIPER	A118X-6521	1					
76 - 11	C5000-060161	BOLT, HEX-HEAD 6X16	A118X-6521	2					
76 - 12	C5140-000061	WASHER, POLISHED 6	A118X-6521	4				i	
76 - 13	C5110-000061	NUT, HEX.NO.4 6	A118X-6521	2				1	
76 - 14	C5040-006101	SCREW, PAN-HEAD 6X10	A118X-6521	3					
76 - 15	C5140-000061	WASHER, POLISHED 6	A118X-6521	3					1
76 - 16	118-7200-33-01	PLATE	A118X-6521	1					l
76 - 17	H1020-1124-35	WIPER	A118X-6521	1					1
76 - 18	118-7200-32-02	COVER	A118X-6521	1					l
76 - 19	C5010-080201	BOLT. SOCKET-HEAD 8X20	A118X-6521	2					
76 - 20	C5140-000081	WASHER, POLISHED 8	A118X-6521	2					
76 - 21	118-7200-12-1	SUPPORT	A118X-6521	1					
76 - 22	C5010-060351	BOLT, SOCKET-HEAD 6X35	A118X-6521	4					
76 - 23	118-7200-03-1	PLATE	A118X-6521	2					
76 - 24	118-7200-13-1	SUPPORT	A118X-6521	1	i i				
76 - 25	C5140-000081	WASHER, POLISHED 8	A118X-6521	2					
76 - 26	C5010-080201	BOLT, SOCKET-HEAD 8X20	A118X-6521	2					
76 - 27	C5000-060101	BOLT, HEX-HEAD 6X10	A118X-6521	4				ŀ	
76 - 28	C5000-060101	BOLT, HEX-HEAD 6X10	A118X-6521	2				•	
76 - 29	C5140-000061	WASHER, POLISHED 6	A118X-6521	4					
76 - 30	C5050-006081	SCREW, FLAT-HEAD 6X8	A118X-6521	4					
76 - 31	K118-6500-14-02	COVER	A118X-6521	1					1
76 - 32	K118-6500-17-02	COVER	A118X-6521	1					
76 - 41	C5160-000061	WASHER, SPRING 6	A118X-6521	2					
76 - 42	C5140-000061	WASHER, PLAIN 6	A118X-6521	2					1
76 - 43	C5160-000061	WASHER, SPRING 6	A118X-6521	4					1



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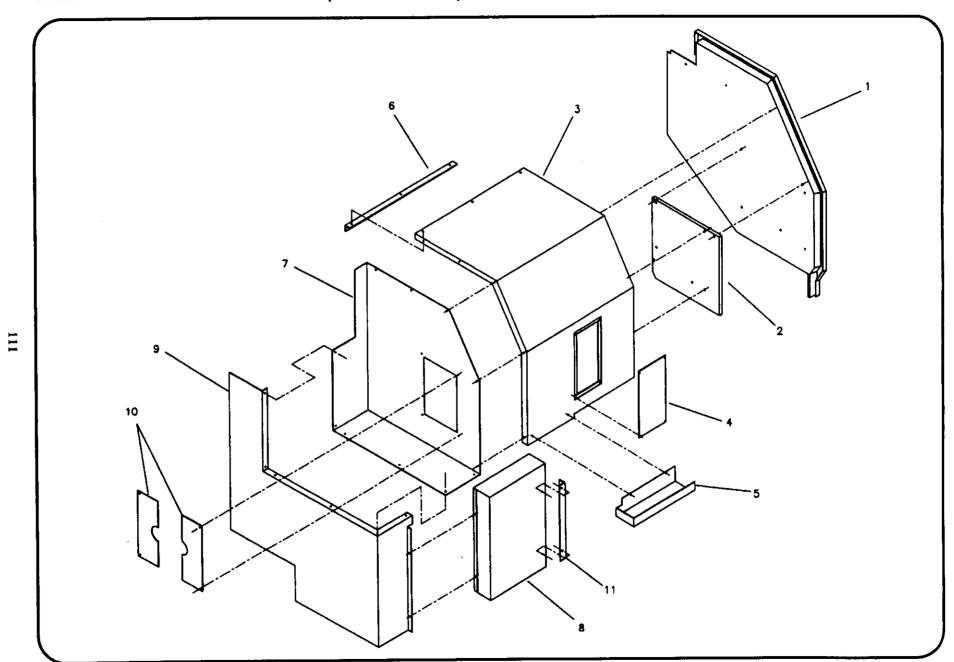
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
77 - 1	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118X-6525	3					
77 - 2	C5150-000061	WASHER	A118X-6525	3			ì	ł	i i
77 - 3	K118-6500-40-01	COVER	A118X-6525	1					1
77 - 7	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118-3070	2					ŀ
77 - 8	K118-6500-41-02	COVER	A118X-6525	1 1			1		
77 - 9	K118-6500-51-00	COVER	A118X-6525	1 1	}				1
77 - 10	C5010-060141	BOLT, SOCKET-HEAD 6X14	A118X-6525	3					
77 - 11	C5150-000061	WASHER	A118X-6525	3					
77 - 12	C5110-000061	NUT	A118X-6525	3					
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OKUMA MACHINE TOOLS, INC.

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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
78 - 1	C5140-000061	WASHER, POLISHED 6	A118X-6500	3	78 - 39	C5160-000081	WASHER, SPRING 8	A118X-6500	3
78 - 2	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118X-6500	3	78 - 40	C5010-060121	BOLT, SOCKET-HEAD 6X126	A118X-6500	2
78 - 3	KW118-7000-24-00	COVER	A118X-6500	1	78 - 41	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118X-6519	2
78 - 4	KW118-7000-23-01	COVER	A118X-6500	1				•	1
78 - 5	C5140-000061	WASHER, POLISHED 6	A118X-6500	5	1			ļ	
78 - 6	C5040-006101	SCREW, PAN-HEAD 6X10	A118X-6500	5					
78 - 7	118-7000-21	CAP	A118X-6500	1					1
78 - 8	C5040-006081	SCREW, PAN-HEAD 6X8	A118X-6500	4	! 		}	}] .
78 - 9	C5040-005081	SCREW, PAN-HEAD 5X8	A118X-6500	1					1
78 - 10	118-7000-19-6	GUTTER	A118X-6500	1					
78 - 11	C5150-000061	WASHER, PLAIN 6	A118X-6500	, 2					
78 - 12	C5040-006081	SCREW, PAN-HEAD 6X8	A118X-6500	2					
78 - 13	Х	CONTROL BOX	ł	1		l	ł	ł	!
78 - 14	K118-6500-47-03	COVER	A118X-6519	1					
78 - 15	KW118-7000-20-00	SUPPORT	A118X-6500	1				ŀ	
78 - 16	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-6500	3	:		ļ		
78 - 17	C5150-000081	WASHER, PLAIN 8	A118X-6500	3					
78 - 18	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118X-6519	7	i i	1	İ		
78 - 18	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118X-6514	7					
78 - 18	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118X-6519	7					
78 - 19	C5150-000061	WASHER, PLAIN 6	A118X-6519	7	1				
78 - 19	C5150-000061	WASHER, PLAIN 6	A118X-6514	7					İ
78 - 19	C5150-000061	WASHER, PLAIN 6	A118X-6519	7			[ĺ	
78 - 20	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-6500	2					1
78 - 21	KW118-7000-04-00	SUPPORT	A118X-6500	1					1
78 - 22	K118-6500-48-03	COVER	A118X-6519	1					
78 - 23	KM0-0295-00	LATCH, SOUTHCO 62-10-701-50	A118X-6519	1	i		J	J	
78 - 29	H1020-1047-80-1	PACKING	A118X-6500	3					1
78 - 30	KM1-0311-00	INSTRUCTION PLATE	A118B-9891	1					li
78 - 31	C5160-000061	WASHER, SPRING 6	A118X-6500	5					
78 - 32	C5160-000061	WASHER, SPRING 6	A118X-6500	5					
78 - 33	C5160-000061	WASHER, SPRING 6	A118X-6500	2			}		
78 - 34	C5160-000061	WASHER, SPRING 6	A118X-6515	7					
78 - 35	C5140-000081	WASHER, PLAIN 8	A118X-6500	2					
78 - 36	C5160-000081	WASHER, SPRING 8	A118X-6500	2					
78 - 37	C5160-000061	WASHER, SPRING 6	A118X-6500	4					
78 - 38	C5140-000061	WASHER, SPRING 6	A118X-6500	4			<u> </u>		1

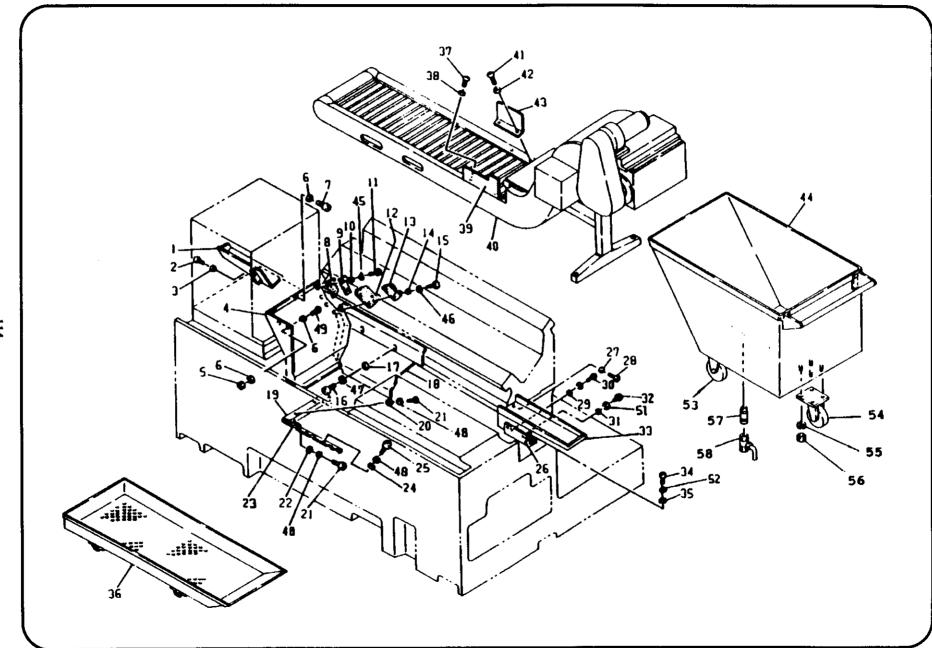


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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
79 - 1	K118-6500-58-01	COVER, SPINDLE	K118-1001	1					
79 - 2	K118-1000-11-00	SPACER	K118-1001	1					
79 - 3	K118-6500-57-01	COVER, HEADSTOCK	K118-1001	1				1	
79 - 4	K118-6500-61-00	COVER	K118-1001	1				[
79 - 5	K118-6500-59-00	GUTTER	K118-1001	1				Ì	
79 - 6	K118-6500-65-00	SUPPORT	K118-1001	1					1
79 - 7	K118-6500-70-01	COVER	K118-1001	1					1
79 - 8	K118-6500-60-00	COVER	K1 18-1001	1			}	1	1.
79 - 9	K118-6500-62-00	COVER	K1 18-1001	1	1 1			l	
79 - 10	K118-6500-63-01	COVER	K118-1001	1					
79 - 11	KW118-7000-04-00	SUPPORT	A1 18X-6500	1					
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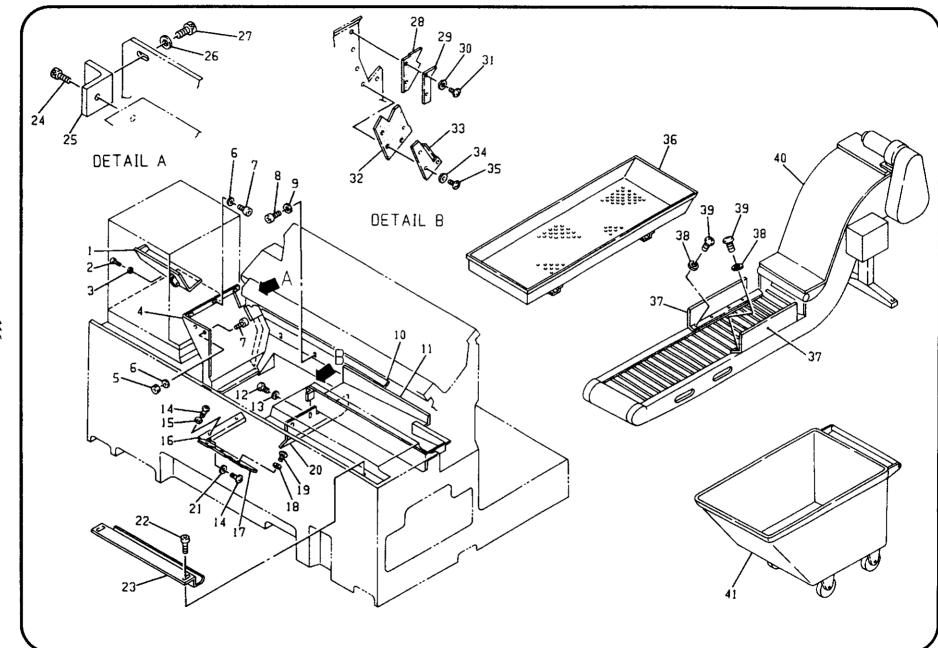
CHIP CONVEYOR GROUP

CHIP PAN / CHIP CONVEYOR (SIDE)	114
CHIP PAN / CHIP CONVEYOR (REAR)	116
CHUCK AND TAILSTOCK PEDALS	118



INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
81 - 1	KW118-7000-07-00	GUTTER	A118X-6500	1	81 - 38	C5160-000061	WASHER, SPRING 6	A118-9004	2
81 -2	C5010-080121	BOLT, SOCKET-HEAD 8X12	A118X-6500	2	81 - 39	118-9000-92	COVER	A118-9004	1
81 - 3	C5140-000081	WASHER, POLISHED 8	A118X-6500	2	81 - 40	H0190-0026-24	CHIP CONVEYOR ENOMOTO	A118-9920	1
81 -4	118-9002-88-2	COVER	A118X-6518	1	81 - 40	H0190-0026-32	CHLP CONVEYOR ENOMOTO	A118-9922	1
81 - 5	C5110-000061	NUT 6	A118X-6518	2	1	1	IEC B15L	,]]
81 - 6	C5150-000061	WASHER, PLAIN 6	A118X-6518	5	81 - 40	H0190-0026-33	CHIP CONVEYOR ENOMOTO	A118-9923	1
81 - 7	C5040-006101	SCREW, PAN-HEAD 6X10	A118X-6518	5]	İ	IEC B15-H	<u></u>	
81 -8	H1020-1073-84-1	WIPER	A118X-6518	1	81 - 41	C5040-006081	SCREW, PAN-HEAD 6X8	A118-9004	2
81 - 9	118-9002-89	HOLDER	A118X-6518	1	81 - 42	C5160-000061	WASHER, SPRING 6	A118-9004	2
81 - 10	C5140-000061	WASHER, POLISHED 6	A118X-6518	2	81 - 43	118-9000-65	PLATE	A118-9004	1 1
81 - 11	C5010-060121	BOLT, SOCKET-HEAD 6X12	A118X-6518	2	81 - 44	191-6714-17-2	CHIP BRACKET L	A112-0200	1
81 - 12	H1020-1073-85-1	WIPER	A118X-6518	1	81 - 45	C5160-000061	WASHER, SPRING 6	A118X-6518	4
81 - 13	118-9002-90-3	HOLDER	A118X-6518	1	81 - 46	C5160-000061	WASHER, SPRING 6	A118X-6518	1 1
81 - 14	C5140-000061	WASHER, POLISHED 6	A118X-6518	3	81 - 47	C5160-000081	WASHER, SPRING 8	A118-9011	2
81 - 15	C5000-060121	BOLT, HEX-HEAD 6X12	A118X-6518	3	81 - 48	C5160-000061	WASHER, SPRING 8	A118-9011	6
81 - 16	C5010-080121	BOLT, SOCKET-HEAD 8X12	A118X-6500	2	81 - 49	C5040-006121	SCREW, PAN-HEAD 6X12	A118X-6518	2
81 - 17	C5150-000081	WASHER, PLAIN 8	A118X-6500	2	81 - 50	C5160-000061	WASHER, SPRING 6	A118X-6518	5
81 - 18	118-9002-91-1	COVER	A118X-6500	1	81 - 51	C5160-000061	WASHER, SPRING 6	A118X-6500	2
81 - 19	118-9000-59	COVER	A118-9003	1	81 - 52	C5160-000081	WASHER, SPRING 8	A118X-6518	2
81 - 20	C5140-000061	WASHER, POLISHED 6	A118-9003	2	81 - 53	H1080-0000-55	CASTER	A127-0200	2
81 - 21	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118-9003	6	81 - 54	H1080-0000-56	CASTER	A127-0200	1 1
81 - 22	C5150-000061	WASHER, PLAIN 6	A118-9003	1	81 - 55	C5160-000101	WASHER	A127-0200	12
81 - 23	118-9000-60-1	COVER	A118-9003	1	81 - 56	C5110-000101	NUT	A127-0200	12
81 - 24	C5140-000061	WASHER, POLISHED 6	A118-9003	3	81 - 57	C7782-000022	NIPPLE	A127-0200	1
81 - 25	C5010-060101	BOLT, SOCKET-HEAD 6X10	A118-9003	3	81 - 58	C2760-000222	HANDLE COCK 3/8	A127-0200] 1]
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	! !	ì	{		l i
81 - 29	C5150-000061	WASHER, PLAIN 6	A118X-6503	2	i i]	
81 - 30	C5040-006101	SCREW, PAN-HEAD 6X10	A118X-6503	2					
81 - 31	C5150-000061	WASHER, PLAIN 6	A118X-6503	2	1 1	i		}	
81 - 32	C5054-006101	SCREW, PAN-HEAD 6X10	A118X-6503	2					
81 - 33	K118-6500-33-00	GUTTER	A118X-6503	1	1 1	1			
81 - 34	C5010-080141	BOLT, SOCKET-HEAD 8X14	A118X-6518	2		ĺ		ł I	
81 - 35	C5140-000081	WASHER, POLISHED 8	A118X-6518	2					
81 - 36	K118-9000-01-00	PAN	A118X-9000	1			Į.		
81 - 37	C5040-006081	SCREW, PAN-HEAD 6X8	A1 18-9004	2	[<u></u>		Ĺ	

SHEET NO. 82 CHIP PAN / CHIP CONVEYOR (REAR)



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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	At 18-9012	2

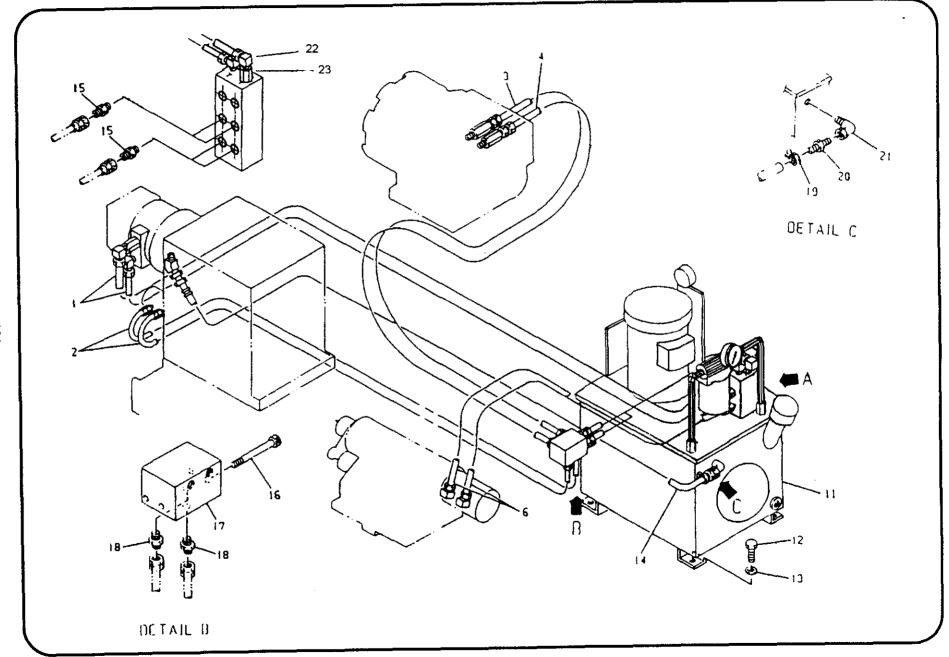
INDEX	PART NO.	DESCRIPTION	UNIT	QTY
82 - 38	C5140-000061	WASHER,POLISHED 6	A118-9012	6
82 - 39	C5040-006081	SCREW,PANHEAD 6X8	A118-9012	6
82 - 40	H0190-0026-25	CHIP CONVEYOR ENOMOTO	A118-9921	1
		B15-HEC-27850	ŀ	•
82 - 41	127-6751-04	CHIP BRACKET	A127-0201	1
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
83 - 1	KM1-0003-01	FOOT SWITCH, SINGLE	A117-3302	1					
83 - 3	C5076-000020	SCREW, DRIVE #2	A118-9510	2				1	l i
83 - 4	H1040-1021-99	NAMEPLATE	A118-9510	1	. 1]		
83 - 5	C5076-000020	SCREW, DRIVE #2	A118-9510	2					
83 - 6	H1040-1021-98	NAMEPLATE	A118-9510	1					1 1
83 - 7	KM1-0004-01	FOOTSWITCH, DOUBLE	A147-3601	1				ł	ł i
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PIPING GROUP

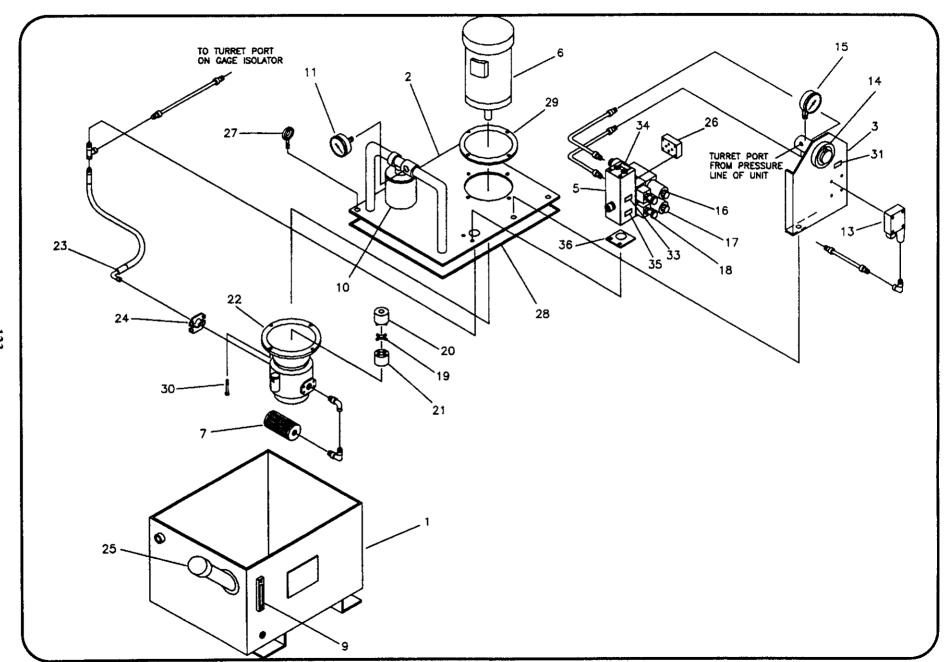
HYDHAULIC PIPING (1)	121
HYDRAULIC PIPING (2)	123
HYDRAULIC PIPING (H.S M)	125
COOLANT PIPING	127
LUBRICATION PIPING (1)	129
LUBRICATION PIPING (2)	131



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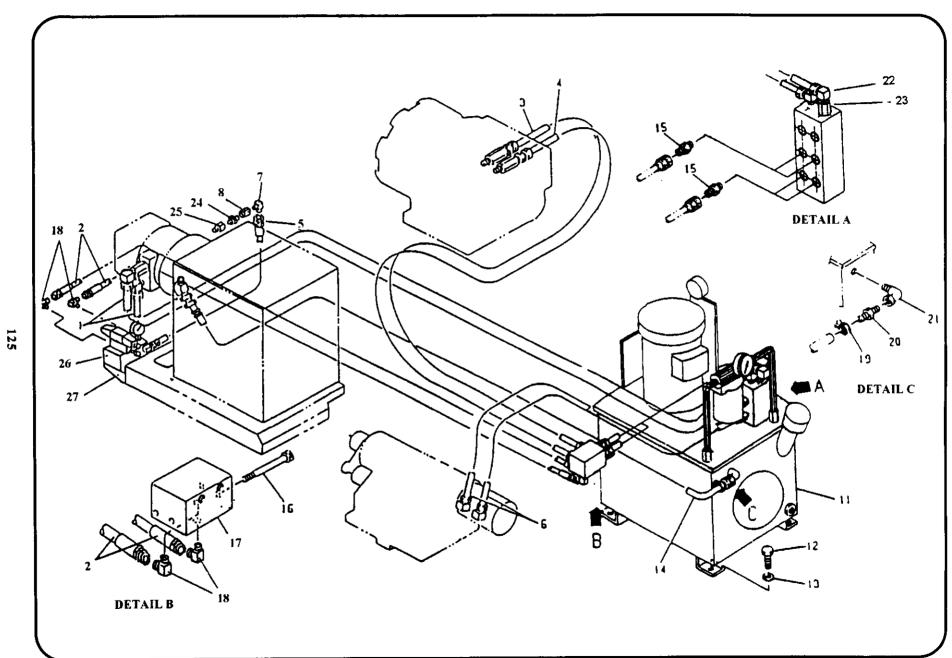
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
89 - 1	KF0-0298-01	HOSE, PARKER F421WCFUFU060606-137.8	A118X-8100	2					
89 - 2	F1242-2100-0	TUBE, PARKER PARFLEX	A118X-1202	1	'		1	1	1 1
89 - 3	KF0-0296-00	HOSE, PARKER F421WCFUFU080808-102.4	A118X-2150	1				1	
89 - 4	KF0-0297-00	HOSE, PARKER F421WCFUFU080808-104.3	A118X-2150	1					!!
89 - 6	KF0-0053-00	HOSE, PARKER F421WCFUFU080808-153.5	A118X-4000	1				1	i i
89 - 9	KF0-0295-02	HOSE, PARKER F421FUUT080808-25	A118X-2150	1				1	1 1
89 - 10	KF0-0301-02	HOSE PARKER F421FUUT080808-27	A118X-2150	1					l i
89 - 11	KF1-0304-02	HYDRAULIC UNIT, PARKER (NO TAILSTOCK)	A118X-6913	1					! !
89 - 11	KF1-0305-03	HYDRAULIC UNIT, PARKER (TAILSTOCK)	A118B-6913	1					1 1
89 - 12	C5000-100201	BOLT 10X20	A1 18X-0009	4				ł	1 1
89 - 13	C5140-000101	WASHER, POLISHED 10	A118X-0009	4					1 1
89 - 14	C7793-253400	HOSE, VINYL 25X3400	A118X-0009	1					
89 - 15	KD7870-010022	JOINT, PARKER JIS	A118X-8100	2					
89 - 16	C5010-081101	BOLT, SOCKET-HEAD 8X10	A1 18X-0009	2				1]]
89 - 17	118-6000-02-6	MANIFOLD	A118X-0009	1					1 1
89 - 18	H0010-0000-01	JOINT, NITTA C2N-1/4-PT 1/4	A118X-0009	2	. 1			ļ	
89 - 19	C2765-000351	CLAMP, WIRE 35	A118X-8100	1				ļ	
89 - 20	C7872-002542	JOINT	A118X-8100	1			ļ	1	j j
89 - 21	C7812-000442	JOINT	A1 18X-8100	1				i	
89 - 22	KD7870-020032	JOINT, PARKER JIS 90DEG	A118X-2150	2					
89 - 23	272-9000-49	JOINT	A118X-2150	1	+				
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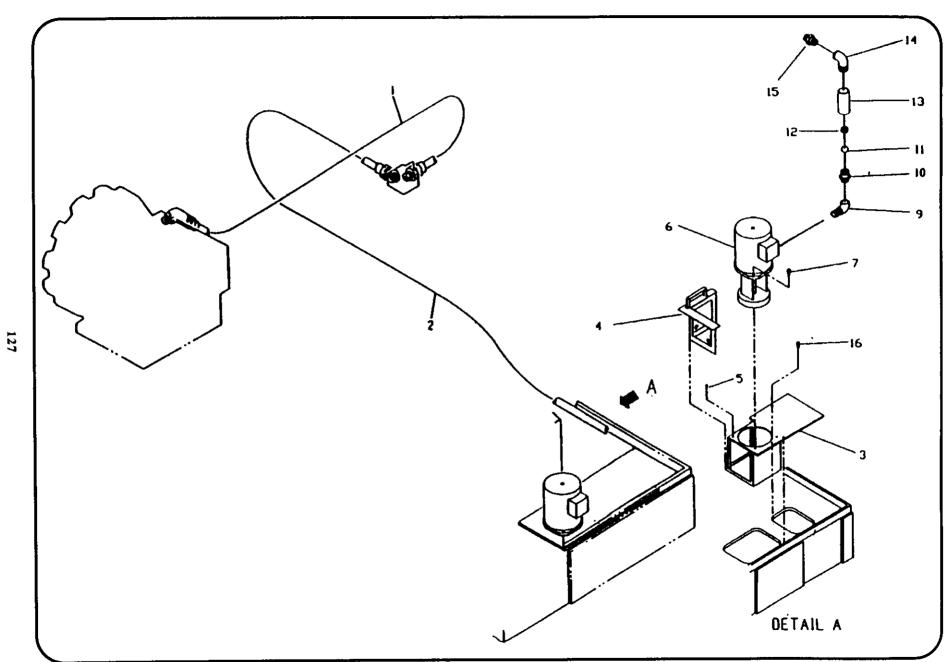
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
90 - 1	KF0-0369-00	RESERVOIR 16 GALLON REVISION C	A118x-6913	1					
90 - 2	KF1-0775-00	TOP PLATE	A118x-6913	ŧ					
90 - 3	KF1-0776-00	PRESSURE SWITCH PANEL	A118x-6913	1					
								}	
90 - 5	KF1-0718-00	MANIFOLD 3STATION	A118x-6913	1				İ	
90 - 6	KF0-0373-00	2-18-56C MOTOR	A118x-6913	1				ĺ	1 1
90 - 7	KF0-0374-00	PISTON PUMP	A118x-6913	1					
90 - 8	KF0-0375-00	SUCTION STRAINER	A118x-6913	1		1		İ]]
90 -9	KF0-0022-00	LEVEL GAGE	A118x-6913	1				Ì	1
90 - 10	KF0-0376-00	RETURN FILTER	A118x-6913	1					
90 - 11	KF0-0069-00	FILTER GAGE	A118x-6913	1	ŀ			ŀ	1 /
90 - 12				1					1
90 - 13	KF0-1214-00	PRESSURE SWITCH	A118x-6913	1					
90 - 14	KF0-0378-00	3 STATION GAGE SELECTOR	A118x-6913	1		ŀ			1
90 - 15	KF0-0020-00	PRESSURÉ GAGE	A118x-6913	1				1	i !
90 - 16	KF0-0379-00	1/8" DCV (REF X4596)	A118x-6913	1		}	•		
90 - 17	KF0-0012-02	1/8" DCV (REF X4592)	A118x-6913	1	1 i			l	
90 - 18	KF0-1213-00	PRESSURE REDUCING VALVE	A118x-6913	2				1	
90 - 19	KF0-0015-00	COUPLING INSERT	A118x-6913	1			1		
90 - 20	KF0-0016-00	MOTOR COUPLING	A118x-6913	1	1 1				
90 - 21	KF0-0017-00	PUMP COUPLING	A118x-6913	1					
90 - 22	KF0-0007-00	BELL HOUSING	A118x-6913	1					
90 - 23	KF0-0380-00	HOSE ASSEMBLY	A118x-6913	1					
90 - 24	KF0-0381-00	FLANGE KIT	A118x-6913	1					
90 - 25	KF0-0382-00	FILLER BREATHER W/ REMOVABLE BASKET	A118x-6913	1	i I				
90 - 26	KF0-0404-00	CAP	A118x-6913	1					
90 - 27	KF0-0039-00	LIFT LUG	A118x-6913	4					
90 - 28	KF0-0499-00	SEAL	A118x-6913	1					
90 - 29	KF0-0385-00	GASKET BELL HOUSING	A118x-6913	1		1			
90 - 30	KF0-0396-00	BOLT 10X355	A118x-6913	8	!		1		
90 - 31	KF0-0029-00	NAMEPLATE	A118x-6913	1					
90 - 32	KF0-0014-00	CAUTION TAG	A1 18x-6913	1] [
90 - 33	KF0-0032-00	NAMETAG - CHUCK	A118x-6913	2					
90 - 34	KF0-0035-00	NAMETAG - TURRRET	A118x-6913	1					
90 - 35	KF0-0033-00	NAMETAG - TAILSTOCK	A118x-6913	1					
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OKUMA MACHINE TOOLS, INC.

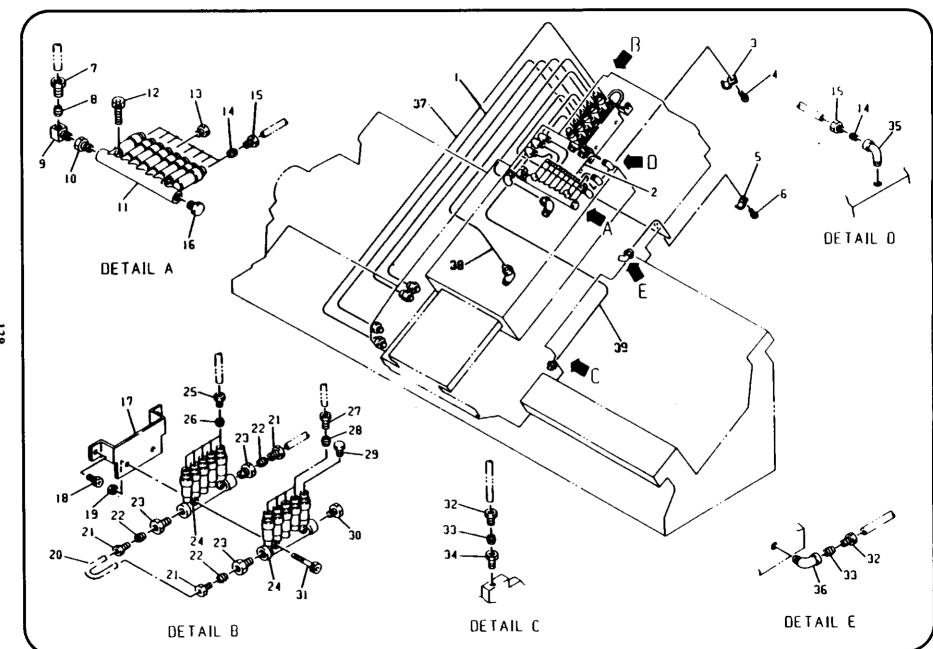
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PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY
KF0-0298-01	HOSE, PARKER F421WCFUFU060606-137.8	A118X-8100	2	## ###	#REF!	#REF!	#REF!	#REF
KF0-0058-00	HOSE, PARKER F421WCFUFU040404-98.43	K118-1006	2					1
KF0-0296-00	HOSE, PARKER F421WCFUFU080808-102 4	A118X-2150	1			J	ļ	Ī
KF0-0297-00	HOSE, PARKER F421WCFUFU080808-104.3	A118X-2150	1				[
KF0-0578-00	HOSE, PARKER F421WCFUFU040404-21.0	K118-1006	1			1		
KF0-0053-00	HOSE, PARKER F421WCFUFU080808-153.5	A118X-4000	. 1				l	
KD7870-020012	HOSE, ELBOW 1/4	K118-1006	1					
C7900-010112	JOINT 1/4	Kt 18-1006	1			}	l l	
KF0-0295-02	HOSE, PARKER F421FUUT080808-25	A118X-2150	1			1		i
KF0-0301-02	HOSE PARKER F421FUUT080808-27	A118X-2150	1				1	
KF1-0304-02	HYDRAULIC UNIT, PARKER (NO TAILSTOCK)	A118X-6913	1					
KF1-0305-03	HYDRAULIC UNIT, PARKER (TAILSTOCK)	A118B-6913	1			ļ		
C5000-100201	BOLT 10X20	A118X-0009	4			l	- }	ł
C5140-000101	WASHER, POLISHED 10	A118X-0009	4	1			1	1
C7793-253400	HOSE, VINYL 25X3400	A118X-0009	1					1
KD7870-010022	JOINT, PARKER JIS	A118X-8100	2				ļ	1
C5010-081101	BOLT, SOCKET-HEAD 8X10	A118X-0009	2					
118-6000-02-6	MANIFOLD	A118X-0009	1		•	ſ	- (ľ
KD7870-020012	HOSE, ELBOW 1/4	K118-1006	5					
C2765-000351	CLAMP, WIRE 35	A1 18X-8100	1					
C7872-002542	JOINT 3/4	A118X-8100	1			i		
C7812-000442	JOINT 3/4	A118X-8100	1					
KD7870-020032	JOINT, PARKER JIS 90DEG 1/2	A118X-2150	2				ſ	ĺ
C7900-020332	JOINT 1/2	A1 18X-2150	1					
C7900-000102	REDUCER 1/4-1/8	K118-1006	1					
H0012-0004-25	ADAPTER	K118-1006	1					1
K118-1000-35-00	MANIFOLD	K118-1006	1				ļ	J
K118-1000-34-00	SUPPORT	K118-1006	1					
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	KF0-0058-00 KF0-0296-00 KF0-0296-00 KF0-0578-00 KF0-0578-00 KF0-0578-00 KF0-053-00 KD7870-020012 C7900-010112 KF0-0295-02 KF0-0301-02 KF1-0304-02 KF1-0305-03 C5000-100201 C5140-000101 C7793-253400 KD7870-010022 C5010-081101 118-6000-02-6 KD7870-020012 C2765-000351 C7872-002542 C7812-000442 KD7870-020032 C7900-020332 C7900-000102 H0012-0004-25 K118-1000-35-00	KF0-0058-00 KF0-0296-00 KF0-0296-00 KF0-0297-00 HOSE, PARKER F421WCFUFU080808-102 4 HOSE, PARKER F421WCFUFU080808-102 4 HOSE, PARKER F421WCFUFU080808-104.3 KF0-0578-00 HOSE, PARKER F421WCFUFU040404-21.0 KF0-0053-00 HOSE, PARKER F421WCFUFU080808-153.5 KD7870-020012 HOSE, PARKER F421WCFUFU080808-153.5 HOSE, PARKER F421FUUT080808-25 KF0-0301-02 HOSE, PARKER F421FUUT080808-25 KF0-0301-02 HOSE, PARKER F421FUUT080808-27 HYDRAULIC UNIT, PARKER (NO TAILSTOCK) HYDRAULIC UNIT, PARKER (TAILSTOCK) HYDRAULIC UNIT, PARKER (TAILSTOCK) BOLT 10X20 WASHER, POLISHED 10 HOSE, VINYL 25X3400 KD7870-010022 JOINT, PARKER JIS BOLT, SOCKET-HEAD 8X10 HANIFOLD HOSE, ELBOW 1/4 C2765-000351 CLAMP, WIRE 35 C7872-002542 JOINT 3/4 KD7870-020032 JOINT 3/4 KD7870-020032 JOINT 1/2 KPD00-000102 REDUCER 1/4-1/8 ADAPTER MANIFOLD	KF0-0058-00 HOSE, PARKER F421WCFUFU040404-98.43 K118-1006 KF0-0296-00 HOSE, PARKER F421WCFUFU080808-102.4 A118X-2150 KF0-0297-00 HOSE, PARKER F421WCFUFU080808-104.3 A118X-2150 KF0-0578-00 HOSE, PARKER F421WCFUFU080808-104.3 K118-1006 KF0-0053-00 HOSE, PARKER F421WCFUFU080808-153.5 A118X-4000 KD7870-020012 HOSE, ELBOW 1/4 K118-1006 K7900-010112 JOINT 1/4 K118-1006 KF0-0295-02 HOSE, PARKER F421FUUT080808-25 A118X-2150 KF0-0301-02 HOSE PARKER F421FUUT080808-27 A118X-2150 KF1-0304-02 HYDRAULIC UNIT, PARKER (NO TAILSTOCK) A118X-6913 KF1-0305-03 HYDRAULIC UNIT, PARKER (TAILSTOCK) A118X-6913 C5000-100201 BOLT 10X20 A118X-0009 C5140-000101 WASHER, POLISHED 10 A118X-0009 KD7870-010022 JOINT, PARKER JIS A118X-8100 KD7870-020012 HOSE, ELBOW 1/4 K118-1006 KD7870-020012 HOSE, ELBOW 1/4 K118-1006 C7812-002542 JOINT 3/4 A118X-8100 C7812	KF0-0058-00 HOSE, PARKER F421WCFUFU040404-98.43 K118-1006 2 KF0-0296-00 HOSE, PARKER F421WCFUFU080808-102.4 A118X-2150 1 KF0-0297-00 HOSE, PARKER F421WCFUFU080808-104.3 A118X-2150 1 KF0-0578-00 HOSE, PARKER F421WCFUFU040404-21.0 K118-1006 1 KF0-0053-00 HOSE, PARKER F421WCFUFU080808-153.5 A118X-4000 1 KD7870-020012 HOSE, PARKER F421WCFUFU080808-153.5 A118X-4000 1 KF0-0295-02 HOSE, PARKER F421FUUT080808-25 A118X-2150 1 KF0-0301-02 HOSE PARKER F421FUUT080808-27 A118X-2150 1 KF1-0304-02 HYDRAULIC UNIT, PARKER (NO TAILSTOCK) A118X-6913 1 KF1-0305-03 HYDRAULIC UNIT, PARKER (TAILSTOCK) A118X-6913 1 C5140-000101 WASHER, POLISHED 10 A118X-0009 4 C793-253400 HOSE, VINYL 25X3400 A118X-0009 1 KD7870-010022 JOINT, PARKER JIS A118X-0009 1 KD7870-020012 HOSE, ELBOW 1/4 K118-1006 5 C7872-020542 <t< td=""><td>KF0-0058-00 HOSE, PARKER F421WCFUFU040404-98.43 K118-1006 2 KF0-0296-00 HOSE, PARKER F421WCFUFU080808-102.4 A118X-2150 1 KF0-0297-00 HOSE, PARKER F421WCFUFU080808-104.3 A118X-2150 1 KF0-0578-00 HOSE, PARKER F421WCFUFU040404-21.0 K118-1006 1 KF0-053-00 HOSE, PARKER F421WCFUFU080808-153.5 A118X-4000 1 KD7870-020012 HOSE, ELBOW 1/4 K118-1006 1 KF0-0295-02 HOSE, PARKER F421FUUT080808-25 A118X-2150 1 KF0-0301-02 HOSE PARKER F421FUUT080808-27 A118X-2150 1 KF1-0304-02 HYDRAULIC UNIT, PARKER (NO TAILSTOCK) A118X-6913 1 KF1-0305-03 HYDRAULIC UNIT, PARKER (TAILSTOCK) A118X-6913 1 C5000-100201 BOLT 10X20 A118X-0009 4 C7793-253400 HOSE, VINYL 25X3400 A118X-0009 1 KD7870-010022 JOINT, PARKER JIS A118X-8100 2 C5010-081101 BOLT, SOCKET-HEAD 8X10 A118X-8100 1 KD7870-020012 HOSE, ELBOW 1/4</td><td>KF0-0058-00 HOSE, PARKER F421WCFUFU040404-98.43 K118-1006 2 KF0-0296-00 HOSE, PARKER F421WCFUFU080808-102.4 A118X-2150 1 KF0-0297-00 HOSE, PARKER F421WCFUFU080808-104.3 A118X-2150 1 KF0-0578-00 HOSE, PARKER F421WCFUFU040404-21.0 K118-1006 1 KF0-053-00 HOSE, PARKER F421WCFUFU080808-153.5 A118X-4000 1 KD7870-02012 HOSE, PARKER F421WCFUFU080808-25 A118X-2150 1 KF0-0295-02 HOSE, PARKER F421FUUT080808-25 A118X-2150 1 KF0-0301-02 HOSE, PARKER F421FUUT080808-27 A118X-2150 1 KF1-0304-02 HYDRAULIC UNIT, PARKER (NO TAILSTOCK) A118X-6913 1 KF1-0305-03 HYDRAULIC UNIT, PARKER (TAILSTOCK) A118X-8003 4 C5140-000101 WASHER, POLISHED 10 A118X-0009 4 C57793-253400 HOSE, VINYL 25X3400 A118X-8000 1 KD7870-010022 JOINT, PARKER JIS A118X-8000 2 KD7870-020012 HOSE, ELBOW 1/4 K118-1006 5 KD7870-020012 <td< td=""><td>KF0-0058-00 HOSE, PARKER F421WCFUFU04040-98.43 K118-1006 2 HOSE, PARKER F421WCFUFU080808-102 4 A118X-2150 1 KF0-0297-00 HOSE, PARKER F421WCFUFU080808-102-3 A118X-2150 1 KF0-0297-00 HOSE, PARKER F421WCFUFU080808-103-3 K118-1006 1 KF0-0053-00 HOSE, PARKER F421WCFUFU080808-153.5 K118-1006 1 HOSE, PARKER F421WCFUFU080808-153.5 K118-1006 1 HOSE, PARKER F421WCFUFU080808-153.5 K118-1006 1 HOSE, PARKER F421WCFUFU080808-153.5 K118-1006 1 K70-870-020012 HOSE, ELBOW 1/4 K118-1006 1 K718-1006 1 K718-1006 1 HOSE, PARKER F421FUUT080808-25 A118X-2150 1 HOSE, PARKER F421FUUT080808-27 A118X-2150 1 HOSE PARKER F421FUUT080808-27 A118X-2150 1 HOSE PARKER F421FUUT080808-27 A118X-2150 1 HOSE PARKER F421FUUT080808-27 A118X-6913 1 A118X-6913 1 HOSE PARKER F421FUUT080808-27 A118X-2150 1 A118X-6913 1 CO00-100201 BOLT 10X20 A118X-6913 1 A118X-6909 4 HOSE, VINYL 25X3400 A118X-0009 4 HOSE, VINYL 25X3400 A118X-0009 1 HOSE, VINYL 25X3400 A11</td><td> KF0-0058-00 HOSE, PARKER F421WCFUFU040404-98.43 K118-1006 2 KF0-0297-00 HOSE PARKER F421WCFUFU080808-102 A118X-2150 1 KF0-0297-00 HOSE, PARKER F421WCFUFU040404-21 K118-1006 1 KF0-00578-00 HOSE, PARKER F421WCFUFU040404-21 K118-1006 1 KF0-0058-00 HOSE, PARKER F421WCFUFU080808-133.5 A118X-4000 1 KF0-02053-00 HOSE, PARKER F421WCFUFU080808-133.5 A118X-4000 1 KF0-02051 HOSE, ELBOW 1/4 K118-1006 1 KF0-02052 HOSE, PARKER F421FUUT080808-25 A118X-2150 1 KF0-0205-02 HOSE, PARKER F421FUUT080808-27 A118X-2150 1 KF0-0205-02 HOSE, PARKER F421FUUT080808-27 A118X-2150 1 KF0-0301-02 HOSE PARKER F421FUUT080808-27 A118X-2150 1 KF0-0301-02 HOSE PARKER F421FUUT080808-27 A118X-2150 1 KF0-0301-02 HOSE PARKER F0-11STOCK) A118X-8913 1 KF1-0304-02 HYDRAULIC UNIT, PARKER (NTAILSTOCK) A118X-8913 1 KF1-0304-02 HYDRAULIC UNIT, PARKER (NTAILSTOCK) A118X-9009 4 C5140-000101 WASHER, POLISHED 10 A118X-0009 4 KD7870-010022 JOINT, PARKER JIS A118X-8100 2 KD7870-010022 JOINT, PARKER JIS A118X-8100 2 KD7870-020012 HOSE, ELBOW 1/4 K118-1006 5 C2765-000351 CLAMP, WIRE 35 A118X-8100 1 C7702-000102 JOINT 3/4 A118X-9100 1 KD7870-02002 JOINT 3/4 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS A118X-8100 1 C7702-000102 JOINT, PARKER JIS A118X-8100 1 C7702-000102 JOINT, PARKER JIS A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 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KF0-0296-00 HOSE, PARKER F421WCFUFU080808-102.4 A118X-2150 1 KF0-0297-00 HOSE, PARKER F421WCFUFU080808-104.3 A118X-2150 1 KF0-0578-00 HOSE, PARKER F421WCFUFU040404-21.0 K118-1006 1 KF0-053-00 HOSE, PARKER F421WCFUFU080808-153.5 A118X-4000 1 KD7870-02012 HOSE, PARKER F421WCFUFU080808-25 A118X-2150 1 KF0-0295-02 HOSE, PARKER F421FUUT080808-25 A118X-2150 1 KF0-0301-02 HOSE, PARKER F421FUUT080808-27 A118X-2150 1 KF1-0304-02 HYDRAULIC UNIT, PARKER (NO TAILSTOCK) A118X-6913 1 KF1-0305-03 HYDRAULIC UNIT, PARKER (TAILSTOCK) A118X-8003 4 C5140-000101 WASHER, POLISHED 10 A118X-0009 4 C57793-253400 HOSE, VINYL 25X3400 A118X-8000 1 KD7870-010022 JOINT, PARKER JIS A118X-8000 2 KD7870-020012 HOSE, ELBOW 1/4 K118-1006 5 KD7870-020012 <td< td=""><td>KF0-0058-00 HOSE, PARKER F421WCFUFU04040-98.43 K118-1006 2 HOSE, PARKER F421WCFUFU080808-102 4 A118X-2150 1 KF0-0297-00 HOSE, PARKER F421WCFUFU080808-102-3 A118X-2150 1 KF0-0297-00 HOSE, PARKER F421WCFUFU080808-103-3 K118-1006 1 KF0-0053-00 HOSE, PARKER 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F421WCFUFU080808-133.5 A118X-4000 1 KF0-02051 HOSE, ELBOW 1/4 K118-1006 1 KF0-02052 HOSE, PARKER F421FUUT080808-25 A118X-2150 1 KF0-0205-02 HOSE, PARKER F421FUUT080808-27 A118X-2150 1 KF0-0205-02 HOSE, PARKER F421FUUT080808-27 A118X-2150 1 KF0-0301-02 HOSE PARKER F421FUUT080808-27 A118X-2150 1 KF0-0301-02 HOSE PARKER F421FUUT080808-27 A118X-2150 1 KF0-0301-02 HOSE PARKER F0-11STOCK) A118X-8913 1 KF1-0304-02 HYDRAULIC UNIT, PARKER (NTAILSTOCK) A118X-8913 1 KF1-0304-02 HYDRAULIC UNIT, PARKER (NTAILSTOCK) A118X-9009 4 C5140-000101 WASHER, POLISHED 10 A118X-0009 4 KD7870-010022 JOINT, PARKER JIS A118X-8100 2 KD7870-010022 JOINT, PARKER JIS A118X-8100 2 KD7870-020012 HOSE, ELBOW 1/4 K118-1006 5 C2765-000351 CLAMP, WIRE 35 A118X-8100 1 C7702-000102 JOINT 3/4 A118X-9100 1 KD7870-02002 JOINT 3/4 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS A118X-8100 1 C7702-000102 JOINT, PARKER JIS A118X-8100 1 C7702-000102 JOINT, PARKER JIS A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 1 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A118X-2150 1 KF0-0301-02 HOSE PARKER F421FUUT080808-27 A118X-2150 1 KF0-0301-02 HOSE PARKER F0-11STOCK) A118X-8913 1 KF1-0304-02 HYDRAULIC UNIT, PARKER (NTAILSTOCK) A118X-8913 1 KF1-0304-02 HYDRAULIC UNIT, PARKER (NTAILSTOCK) A118X-9009 4 C5140-000101 WASHER, POLISHED 10 A118X-0009 4 KD7870-010022 JOINT, PARKER JIS A118X-8100 2 KD7870-010022 JOINT, PARKER JIS A118X-8100 2 KD7870-020012 HOSE, ELBOW 1/4 K118-1006 5 C2765-000351 CLAMP, WIRE 35 A118X-8100 1 C7702-000102 JOINT 3/4 A118X-9100 1 KD7870-02002 JOINT 3/4 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS A118X-8100 1 C7702-000102 JOINT, PARKER JIS A118X-8100 1 C7702-000102 JOINT, PARKER JIS A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 1 KD7870-02002 JOINT, PARKER JIS 900EG 1/2 A118X-9100 1 KD7870-02002 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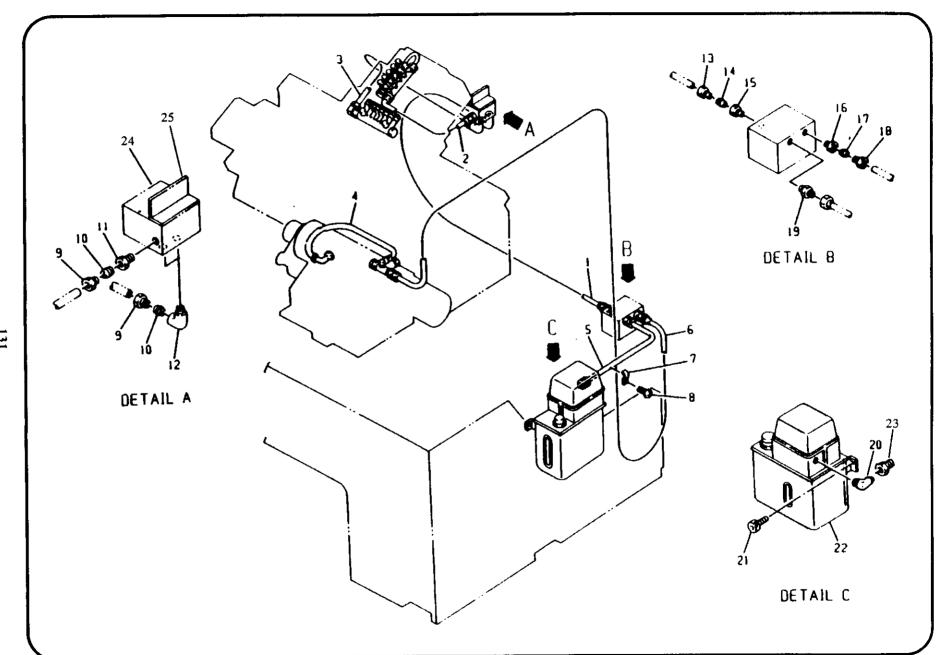
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
92 - 1	KF0-0300-00	HOSE, PARKER F421FUFU121212-68.9	A118X-6214	1					
92 - 2	KF0-0299-00	HOSE, PARKER F421FUFU121212-65.0	A118X-6214	1				l	l i
92 - 3	K118-6200-01-00	BOX	A118X-6214	1					
92 - 4	K118-6200-02-00	FILTER	A118X-6214	1					
92 - 5	C5030-008081	SET SCREW, 8X8	A118X-6214	2				•	1 1
92 - 6	KF1-0121-00	PUMP, GUSHER VBV-44M	A127-3007	1	1	İ			
92 - 7	C5010-080251	BOLT, SOCKET-HEAD 8X25	A118X-6214	2]
92 - 9	D7812-000442	JOINT	A118X-6214	1]
92 - 10	113-0800-23	SEAT	A118X-6214	1					
92 - 11	C5901-002540	STEEL BALL	A118X-6214	1				[
92 - 12	M109-1027-92	SPRING	A118X-6214	1					
92 - 13	113-0800-22-01	JOINT	A118X-6214	1					
92 - 14	D7870-020042	ELBOW 3/4X3/4	A118X-6214	1	ı				
92 - 16	C5010-080161	BOLT, SOCKET-HEAD 8X16	A118X-6214	2	1			İ	
92 - 17	C7782-000042	NIPPLE, BARREL 3/4	A118X-6214	1					
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	
93 - 1	H0022-0001-16	PIPE, NYLON SHOWA M4X5000	A1 18X-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	ı
93 - 4	C5040-005081	SCREW, PAN-HEAD 5X8	A1 18X-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	l
93 - 9	H0012-000\$-01	ELBOW PH SHOWA PH6-2	A118-2250	3	ĺ
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	l
93 - 13	H0012-0006-29	SEAL PLUG SHOWA PG-004	A118-2250	1	ĺ
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	A1 18X-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	l
93 - 24	H0012-0004-98	PLUNGER SHOWA DPB-25-0.1	A118X-2150	2	
93 - 25	H0012-0000-88	PLUG PA SHOWA PA-4	A1 18X-2150	5	
93 - 26	H0012-0000-89	SLEEVE PB SHOWA PB-4	A1 18X-2150	5	
93 - 27	H0012-0000-88	PLUG PA-4	At 18X-2150	4	ŧ
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	İ
93 - 30	H0012-0004-96	SEAL PLUG PG-12	A118X-2150	1	
93 - 31	C5010-050401	BOLT, SOCKET-HEAD 5X40	A1 18X-2150	2	
93 - 32	H0012-0000-88	PLUG PA-4	A118X-2150	9	ĺ
93 - 33	H0012-0000-89	SLEEVE PB-4	A1 18X-2150	5	i
93 - 34	H0010-0000-68	NIPPLE PD-4	A118X-2150	5	i
93 - 35	H0010-0007-97	ELBOW PHD-4	A1 18-2250	7	
93 - 36	H0010-0007-97	ELBOW PHD SHOWA PHD-4	A1 18X-2150	4	
93 - 37	C7781-040980	PIPE, STEEL	A118X-2150	1	İ

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
93 - 38	C7781-040640	PIPE, STEEL	A118X-2150	1
			UNIT A118X-2150 A118X-2150	QTY. 1
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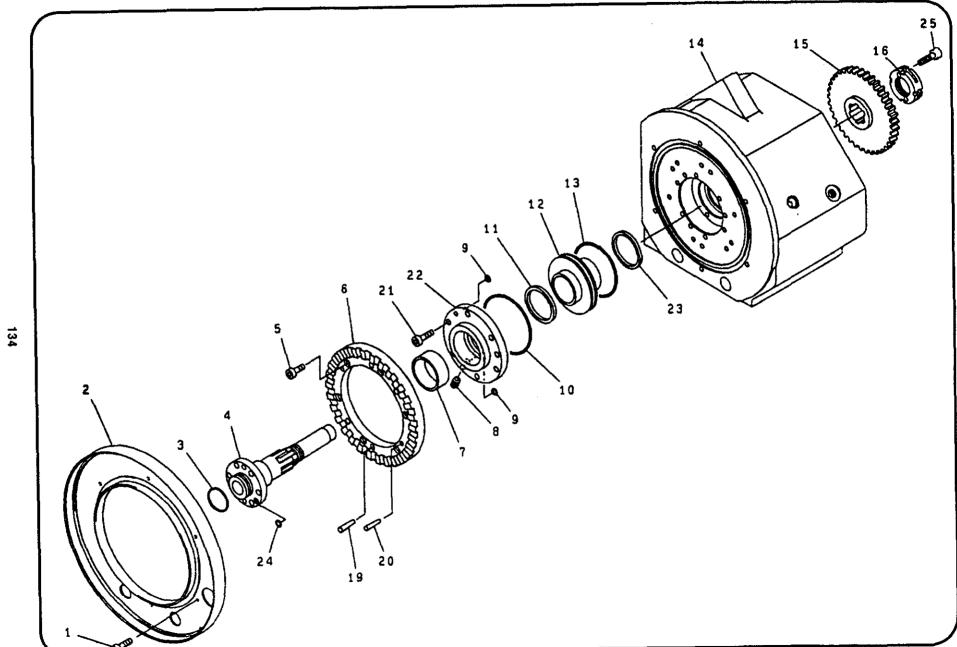
OKUMA MACHINE TOOLS, INC.

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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDE	PART NO.	DESCRIPTION	UNIT	QTY.
94 - 1	H0022-0002-66	HOSE, FLEXIBLE FHS-613	A118X-2150	1		1			1-
94 - 2	D7781-060560	PIPE, STEEL 6X560	A118X-2150	1		į.	1	}	1
94 - 3	H0022-0002-62	HOSE, FLEXIBLE	A118-2250	1					1
94 - 4	D7781-040400	PIPE, STEEL 4X400	A118-4030	1		-			
94 - 5	D7781-061140	PIPE, STEEL 6X1140	A118X-6900	1]	\		
94 - 6	H0022-0003-18	HOSE, FLEXIBLE	A118-4012	1		1	}]]
94 - 7	C7700-001060	PIPE HOLDER, A PZ-16	A118X-6900	4					1
94 - 8	C5040-005081	SCREW, PAN-HEAD 5X8	A118X-6900	4				l	
94 - 9	H0012-0001-12	PLUG PA-6	A118X-2150	1					
94 - 10	H0012-0001-11	SLEEVE PB SHOWA PB-6	A118X-2150	3		1			
94 - 11	H0012-0001-10	NIPPLE PD-6	A118X-2150	1					
94 - 12	H0012-0002-44	ELBOW PH SHOWA PH-6	A118X-2150	2					
94 - 13	H0012-0001-12	PLUG PA-6	A118X-2150	1	i		1		1
94 - 14	H0012-0001-11	SLEEVE PB-6	A118X-2150	1		J		1	
94 - 15	H0012-0004-21	NIPPLE KH SHOWA KH-2	A118X-2150	1				•	1
94 - 16	H0012-0004-21	NIPPLE KH-2	A118-4000	1		1			1
94 - 17	H0012-0001-11	SLEEVE PB SHOWA PB-6	A118-4000	1	1		1		
94 - 18	H0012-0001-12	PLUG PA-6	A118-4000	1				1	1
94 - 19	C2781-000612	JOINT, PIPE NTN PA-6-PT 1/4	A118X-0009	1				(1
94 - 20	C2781-020612	ELBOW	A118X-6900	1					1
94 - 21	C5010-080121	BOLT, SOCKET-HEAD 8X12	A118X-6900	2				ŀ	1
94 - 22	KF1-0290-00	TANK, LUBRICATION	A118X-6900	1					
94 - 23	C2781-080600	NIPPLE	A118X-6900	1		Í	İ	i	
94 - 24	118-6000-44	MANIFOLD	A118X-2150	1			}	l	1
94 - 25	118-6000-45	BRACKET	A118X-2150	1		1			
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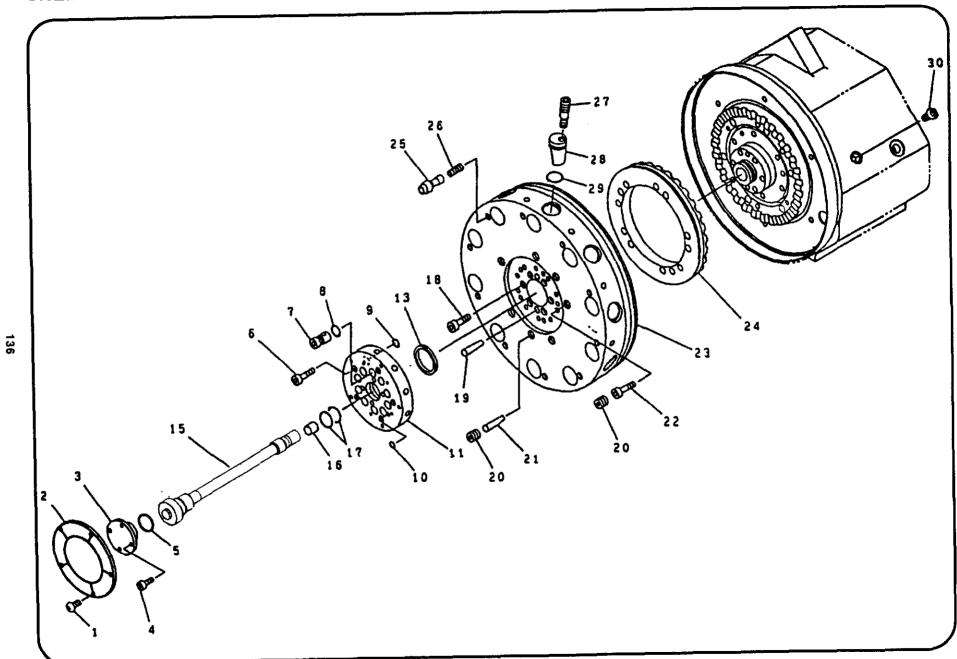
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	INDEX DRIVE DEVICE V10 (1)	. 134
	INDEX DRIVE DEVICE V10 (2)	
	INDEX DRIVE DEVICE V10 (3)	. 138
	INDEX DRIVE DEVICE V10 (4)	
	INDEX DRIVE DEVICE V10 (5)	
	CONTROL VALVE V10	
	INDEX INSTALLATION V10	
	BED AND BASE	
	COVERS (4)	
	INDEX INSTALLATION AND STROKE SWITCH	
-	COVERS (2) TAILSTOCK	. 154
	5 DECREE SPINDLE BOTATION	. 156



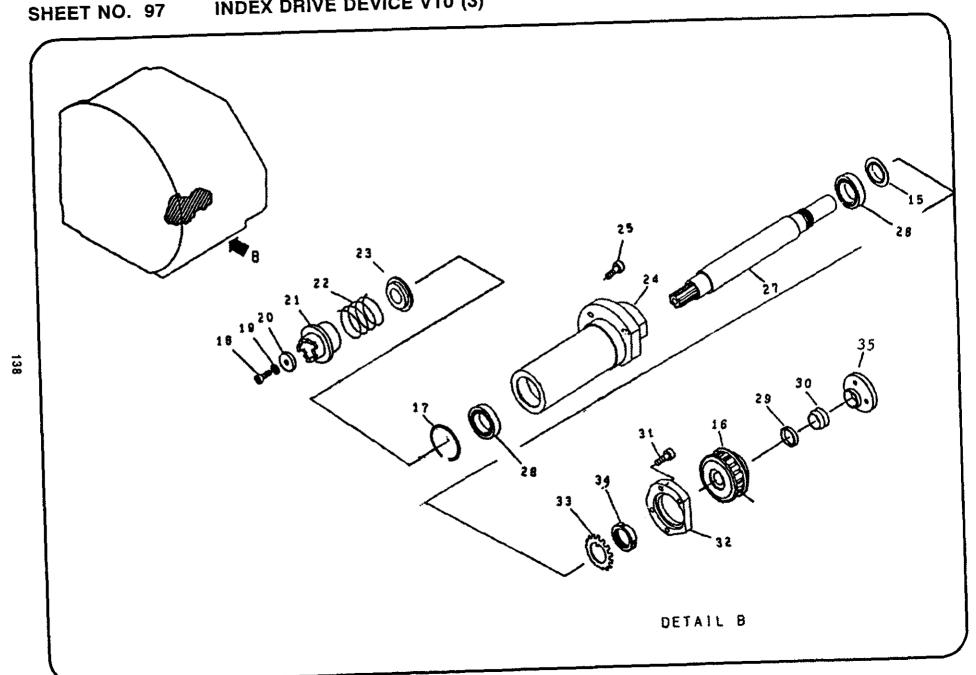
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
95 - 1	C5010-060251	BOLT, SOCKETHEAD 6X25	K1 18-3001	6					
95 - 2	K118-3000-31-01	COVER	Kt 18-3001	1					
95 - 3	C6110-000G55	O-RING 3. IX54.4	K118-3001	1		1	}	ļ	ļ
95 - 4	515-0330-41-6	SHAFT	K118-3001	1	ı				
95 - 5	C5010-100251	BOLT, SOCKETHEAD 10X25	K1 18-3001	6					
95 - 6	515-0300-04-4	сцитен	K118-3001	1				İ	
95 - 7	M009-001796	BEARING, DIADO DB7030	K118-3001	1					
95 - 8	C7861-000002	PLUG, SOCKETHEAD 1/8	K118-3001	1	l	1		ł	1 1
95 - 9	C6110-000P9	O-RING, P9 1.9X8.8	K118-3001	2					
95 - 10	C6110-00G120	O-RING, G120 3.1X119.4	K118-3001	1					
95 - 11	H0031-0010-55	PACKING,NOK	K118-3001	1					
95 - 12	515-0300-13-2	PISTON	K118-3001	1			1	1	
95 - 13	C6110-OOP115	O-RING, P115 5.7XL L4.6	K118-3001	1			İ	ľ	i i
95 - 14	K118-3000-17-01	TOOL POST	K118-3001	1	ŀ				
95 - 15	515-0300-14-01	GEAR	K118-3001	1					1
95 - 16	515-0300-16-2	NUT	K118-3001	1]	
95 - 19	C0201-080321	ΠP 8X32	K118-3001	2					
95 - 20	C0201-060321	ITP 6X32	K118-3001	2				[
95 - 21	C5010-100351	BOLT, SOCKETHEAD 10X35	K118-3001	6					
95 - 22	515-0300-07-2	HOUSING	K118-3001	1	ļ			İ	
95 - 23	H0031-0010-55	PACKING	K118-3001	1					1
95 - 24	F100-1500-07-50	O-RING, S8	K118-3001	1		ļ	<u>}</u>	J]
95 - 25	C5090-050121	BOLT, SOCKETHEAD 5X12	K118-3001	2					
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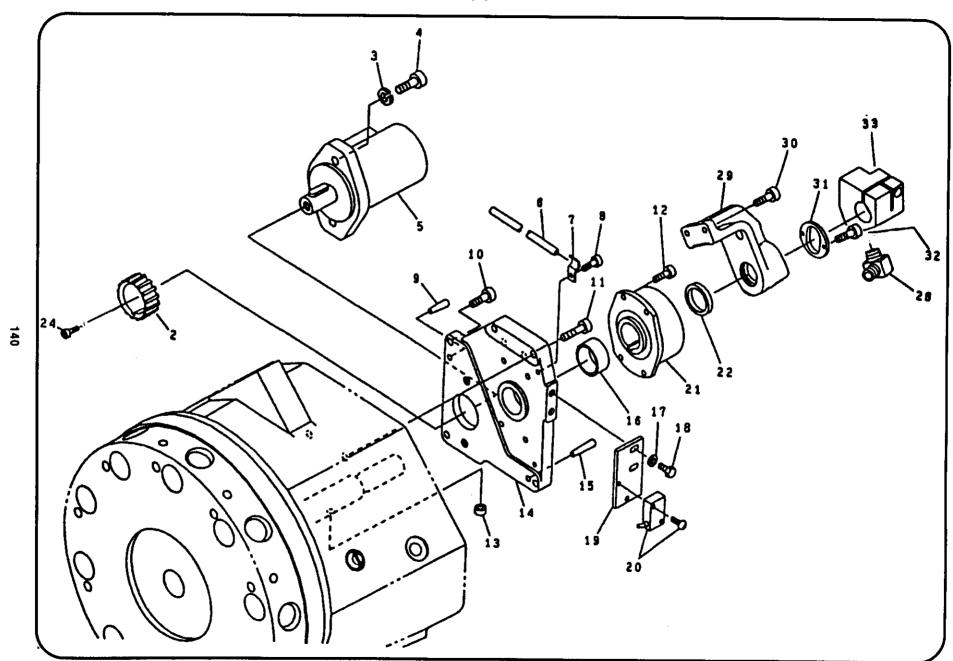
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
96 - 1	C5040-004061	SCREW, PANHEAD 4X6	K 118-3001	5					
96 - 2	H1040-1035-20-2	NAMEPLATE	K118-3001	1					
96 - 3	515-0310-18	CAP	K118-3002	1					ŀ
96 - 4	C5010-050101	BOLT, SOCKETHEAD 5X10	K118-3002	4					l
96 - 5	C6110-000G45	O-RING, G45	K118-3002	1					
96 - 6	C5010-060351	BOLT, SOCKETHEAD 6X35	K118-3001	5	1				
96 - 7	515-0310-03-1	VALVE	K118-3001	10					
96 - 8	C6110-000P14	O-RING, P14	K118-3001	10	 				
96 - 9	C6110-000P9	O-RING, P9	K118-3001	10					
96 - 10	F100-1500-06-50	O-RING, S7	K1 18-3001	1]			
96 - 11	515-0310-17-1	CAP	K118-3001	1					
96 - 13	H0031-0002-93	RING	K118-3001	1		1			
96 - 15	515-0340-36	PIPE, STEEL	K118-3002	1					
96 - 16	C0500-000201	COVER, BLIND 20	K118-3002	1					
96 - 17	C6110-000P28	O'RING, P28	K118-3002	2					
96 - 18	C5010-100451	BOLT, SOCKETHEAD 10X45	K118-3001	6					
96 - 19	C0201-080451	ITP 8X45	K118-3001	2	ŀ				
96 - 20	C7861-000032	PLUG, SOCKETHEAD 1/2	K1 18-3001	7		1			
96 - 21	C0201-080361	ITP 8X36	K118-3001	2		1			
96 - 22	C5010- 120501	BOLT, SOCKETHEAD 12X50	K118-3001	5					
96 - 23	515-0340-01-17	TURRET	K118-3001	1		}	į		
96 - 24	515-0300-05-7	СГЛІСН	K118-3001	1					
96 - 25	515-0350-01-01	PIN	A515-0331	10					
96 - 26	515-0340-05-1	BOLT	A515-0331	10					
96 - 27	515-1800-09-2	BOLT	A515-0340	10					
96 - 28	515-0340-56	BLOCK	A515-0331	10					
96 - 29	C6110-000G30	O'RING, G30	A515-0331	10					
96 - 30	C5022-000121	PLUG, FILLER EYE BOLT, HOLE 12	K118-3001	1					
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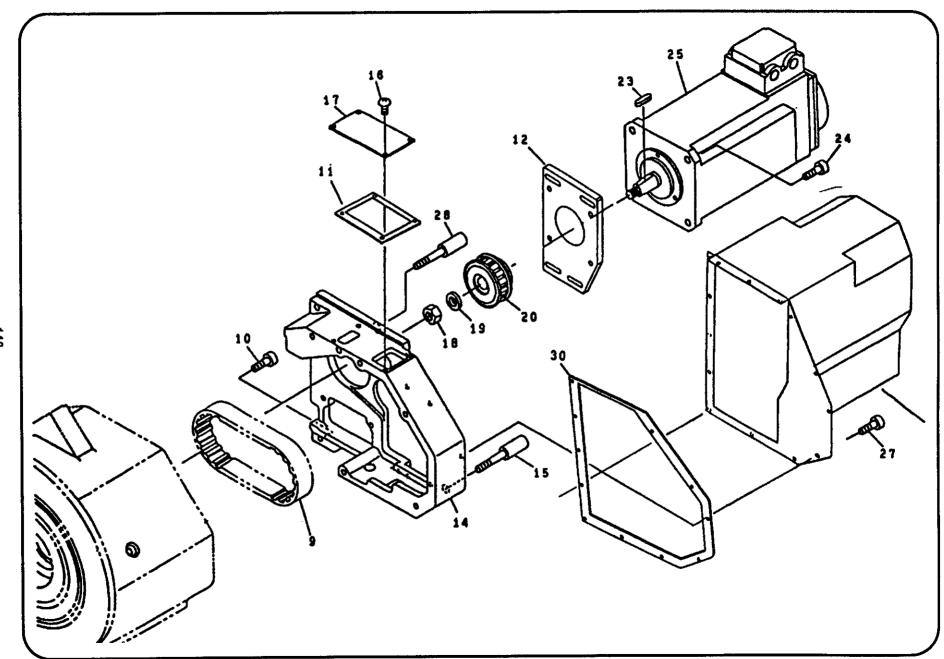
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INE	DEX	PART NO.	DESCRIPTION	UNIT	QTY.
97 - 15	K118-3000-28-00	COLLAR	K118-3001	1		\neg				
97 - 16	K118-3000-19-01	PULLEY	K118-3001	1						
97 - 17	C5181-000470	RETAINING RING 47	K118-3001	1	.	- 1				
97 - 18	C5010-060141	BOLT, SOCKETHEAD 6X14	K118-3001	1						
97 - 19	C5140-000061	WASHER, FLAT 6	K118-3001	1						
97 - 20	K118-3000-26-00	COLLAR	K118-3001	1						
97 - 21	K118-3000-30-01	CLUTCH	K118-3001	1		- 1				
97 - 22	M101-40450-03803	SPRING, COMPRESSION	K118-3001	1						
97 - 23	K118-3000-13-00	COLLAR	K118-3001	1				•		
97 - 24	K118-3000-10-01	HOUSING	K118-3001	1		- 1				
97 - 25	C5010-080301	BOLT, SOCKETHEAD 8X30	K118-3001	3						
97 - 27	K118-3000-21-03	SHAFT	K118-3001	1	l	- 1				
97 - 28	M000-6005ZZP4	BEARING, 6005ZZP4	K118-3001	2						1
97 - 29	K118-3000-29-00	COLLAR	K118-3001	1						
97 - 30	KM0-0379-00	LOCKING ELEMENT RINGFEDER RFN8006 22X2	K1 18-3001	2						
97 - 31	C5010-060101	BOLT, SOCKETHEAD 6XL0	K118-3001	4						
97 - 32	K118-3000-14-00	COLLAR	K118-3001	1						
97 - 33	C5133-000250	WASHER, LOCKING 25	K118-3001	1						i
97 - 34	C5133-000251	NUT, BEARING 25	K118-3001	1						
97 - 35	K118-3000-27-00	CAP	K118-3001	1						
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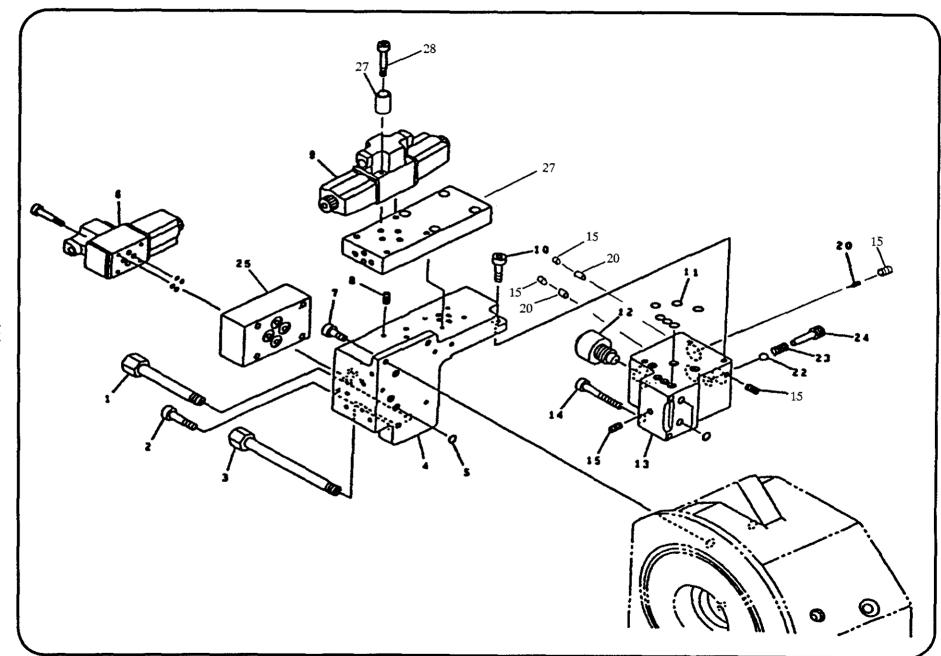
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98 - 2	515-0300-61-01	GEAR	K 118-3005	1		一				
98 - 3	C5160-000121	WASHER, SPRING 12	K118-3001	2						
98 - 4	C5010-120301	BOLT, SOCKETHEAD 12X30	K118-3001	2						
98 - 5	H0001-0004-20-1	MOTOR, OIL SUMITOMO 100B22FMI	K118-3001	1		l				
98 - 6	C7781-043000	PIPE, STEEL 4X3000	K118-3001	1		- 1				
98 - 7	C7700-002040	PIPE HOLDER	K118-3001	1						
98 - 8	C5010-050081	BOLT, SOCKETHEAD 5X8	K118-3001	1		ı				
98 - 9	C0201-060251	ITP 6X25	K118-3001	1						
98 - 10	C5010-080251	BOLT, SOCKETHEAD 8X25	K118-3001	1						! !
98 - 11	C5010-080351	BOLT, SOCKETHEAD 8X35	K118-3001	3						
98 - 12	C5010-060201	BOLT, SOCKETHEAD 6X20	K118-3001	4						
98 - 13	515-0300-19-01	PIN	Ki 18-3001	1						
98 - 14	515-0330-02-3	BASE	K118-3001	1				[
98 - 15	C0201-060360	ITP 6X36	K118-3001	1		i		<u> </u>		
98 - 16	M009-0017-97	BEARING, DAIDO DB3820	K118-3001	1	ŀ			-		
98 - 17	C5140-000061	WASHER, POLISHED 6	K118-3001	2						
98 - 18	C5000-060121	BOLT, 6XL2	K118-3001	2		- 1				1
98 - 19	515-0330-21-2	PLATE	K118-3001	1		- 1				
98 - 20	E3020-397101	SWITCH, OMRON TLT2EI	K118-3001	1	1					
98 - 21	100-5803-0	ENCODER	K118-3001	1						
98 - 22	H0031-0002-93	X-RING, R35	K118-3001	. 1		- 1				ľ
98 - 24	C5010-060161	BOLT, SOCKETHEAD 6XL6	K118-3002	1						
98 - 28	KD7870-020032	ELBOW, HOSE JOINT 1/2	K118-3002	1		[
98 - 29	515-0340-37	BRACKET	K118-3002	1		ŀ				
98 - 30	C5010-080201	BOLT, SOCKETHEAD 8X20	K118-3002	2		- 1				
98 - 31	515-0340-38	HOLDER	K118-3002	1						
98 - 32	C5010-060201	BOLT, SOCKETHEAD 6X20	K118-3002	2		1				
98 - 33	K1 18-3000-22-00	BLOCK	K118-3002	1		- 1		1		
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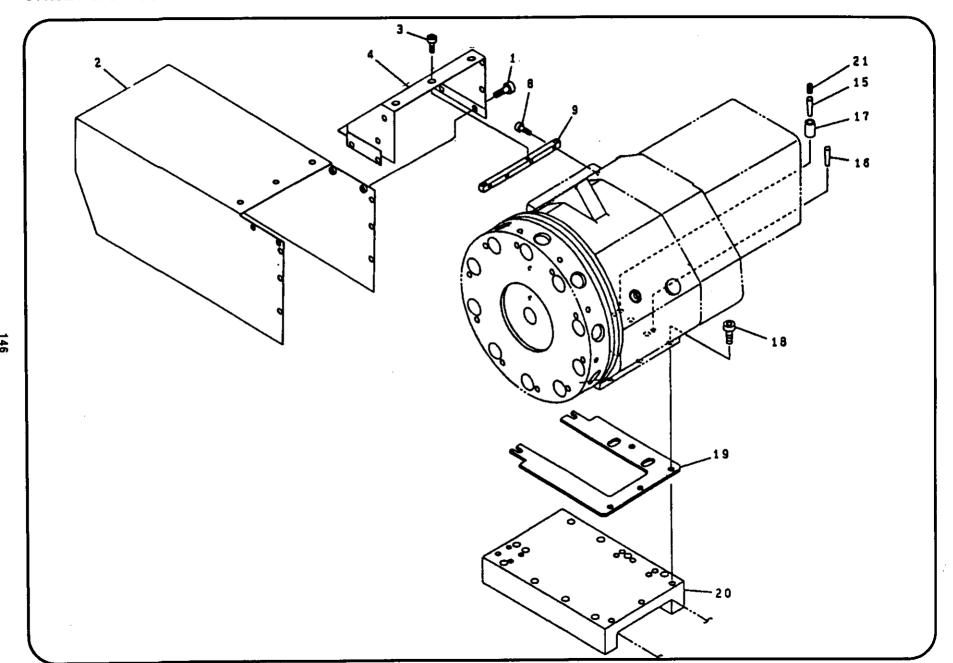
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	IND	EX	PART NO.	DESCRIPTION	UNIT	QTY.
99 - 9	KM0-0380-00	BELT	K118-3001	1		寸			· · · · · · · · · · · · · · · · · · ·	
99 - 10	C5010-100251	BOLT, SOCKETHEAD 10X25	K118-3001	1						
99 - 11	K118-3000-16-00	GASKET	K118-3001	1						
99 - 12	K118-3000-12-01	MOUNTING PLATE	K118-3001	1						
99 - 14	K1 18-3000-11-02	BASE	K1 18-3001	1			•			
99 - 15	C5016-101001	BOLT, SOCKETHEAD 10X100	K118-3001	5						
99 - 16	C5040-006101	SCREW, PANHEAD 6X 10	K1 18-3001	4						
99 - 17	K1 18-3000-15-01	CAP	K1 18-3001	1					ŀ	
99 - 18	C5132-000161	NUT, M16	K118-3001	1	1					
99 - 19	112-3352-03-1	WASHER	Kt 18-3001	1						
99 - 20	K118-3000-18-02	PULLEY	K118-3001	1		ł				
99 - 23		KEY, 8X7X36	K118-3001	1					1	
99 - 24	C5010-100551	BOLT, SOCKETHEAD 10X55	K118-3001	4					[
99 - 25		MOTOR, BLWS75E30T	K118-3001	1						
99 - 26	K118-3000-25-01	COVER	K118-3001	1						
99 - 27	C5010-060101	BOLT, SOCKETHEAD 6X10	K118-3001	13						
99 - 28	C5010-100951	BOLT, SOCKETHEAD 10X95	K1 18-3001	11						
99 - 30	KM1-0383-00	PACKING	K118-3001	1						
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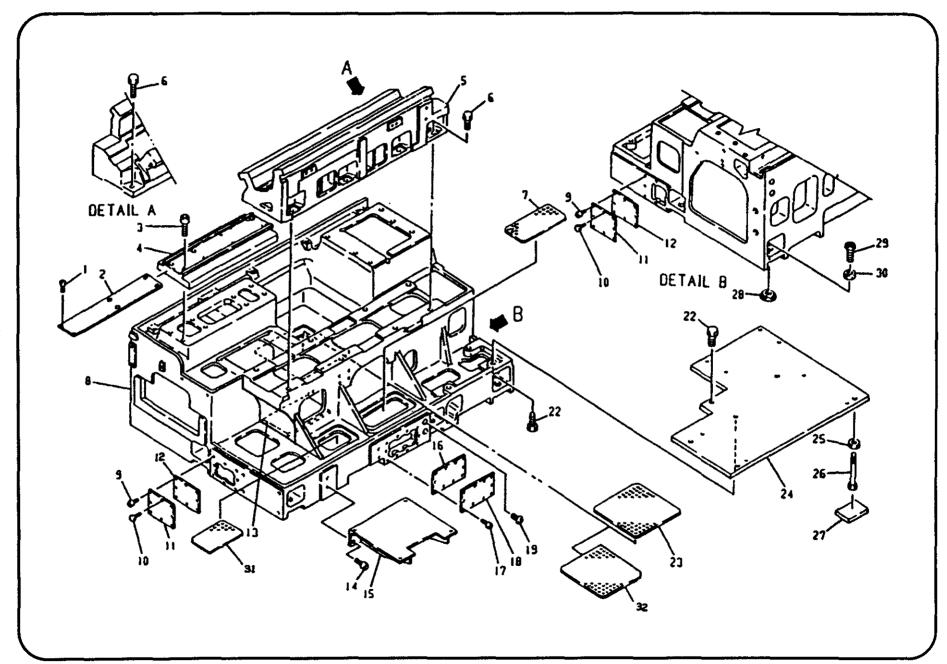
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
100 - 1	515-0300-27-4	JOINT	K118-3001	1					
100 - 2	C5010-080351	BOLT, SOCKETHEAD 8X35	K118-3001	2					
100 - 3	515-0300-42-4	JOINT	K118-3001	1				1	
100 - 4	K118-3000-34-00	MANIFOLD	K118-3003	1				1	
100 - 5	C6110-0000P9	O-RING P9	K1 18-3003	3					
100 - 6	KF0-0414-00	SOLENOID VALVE DIVW4C	K1 18-3001	1 1					1
100 - 7	C5010-080161	BOLT, SOCKETHEAD 8X16	K1 18-3003	2					
100 - 8	C7861-000002	PLUG, SOCKETHEAD 8X20	K118-3001	27		ļ			1
100 - 9	KF0-0048-02	SOLENOID VALVE DIVW9H	K118-3001	1					1
100 - 10	C5010-080201	BOLT, SOCKETHEAD 8X20	K118-3003	1				1	1
100 - 11	C6110-0000P9	O-RING, P9	K118-3001	6				1	1
100 - 12	KF0-0946-00	SOL VALVE DSIOICRDD	K1 18-3001	1					
100 - 13	K118-3000-24-00	MANIFOLD	K1 18-3001	1 1					
100 - 14	C5010-080651	BOLT, SOCKETHEAD 8X65	K118-3001	2	i I				
100 - 15	C7861-000002	PLUG, SOCKETHEAD 1/8	K1 18-3001	17					
100 - 20	515-0300-81-01	ORIFICE	K118-3001	2					
100 - 21	515-0300-96	ORIFICE	K118-3001	1	1				
100 - 22	C5901-000950	STEEL BALL	K118-3001	1					
100 - 23	M101-08092-06025	BALL, STEEL 3/8	K118-3001	1					
100 - 24	515-0300-23-1	PIN	K118-3001	1			1		
100 - 25	KFI-0415-01	MANIFOLD	K1 18-3001	1					
100 - 26	KFI-0416-00	MANIFOLD	K1 18-3001	1					
100 - 27	K1 18-3000-32-01	SPACER	K1 18-3001	1		,	·		
100 - 28	C5010-050501	BOLT, SOCKETHEAD 5X50	K118-3001	1					
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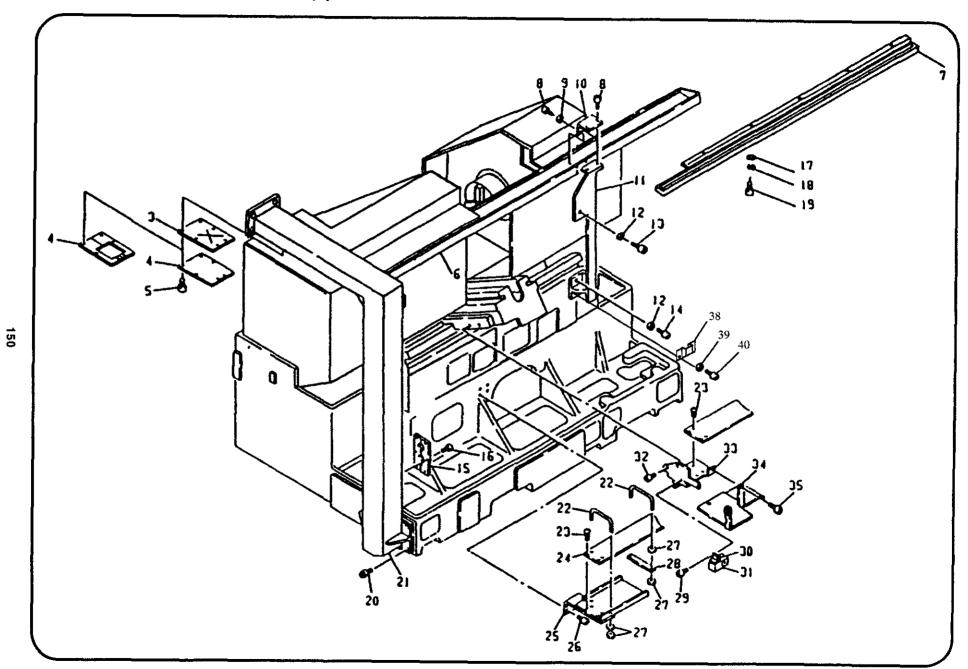
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	7		PART NO.	DESCRIPTION	UNIT	QTY.
101 - 1	C5010-060101	BOLT, SOCKETHEAD 6X10	K118-3001	11						
101 - 2	K118-3000-01-01	COVER	K118-3001	1 1	1					
101 - 3	C5010-060101	BOLT, SOCKETHEAD 6X10	K118-3001	7		ł				
101 - 4	K118-3000-02-01	COVER	K118-3001	1 1		- 1				
101 - 8	C5010-060251	BOLT, SOCKETHEAD 6X25	K118-3001	4						•
101 - 9	K118-3000-07-02	BLOCK	K118-3001	1						1
101 - 15	C0201-080321	ΠP 8X32	K1 18-3001	1	!	l				1
101 - 16	C0201-080501	ПР 8X50	K118-3001	2	i i					
101 - 17	515-0301-41-1	BUSHING	K118-3001	1	H					
101 - 18	C5010-120351	BOLT, SOCKETHEAD 12X35	K118-3001	6						
101 - 19	K118-3000-23-01	SPACER	K118-3001	1		1				ĺ
101 - 20	K118-2200-01-01	CROSSSLIDE	K118-3001	1						
101 - 21	J9811-7740-120012	SETSCREW, CUP POINT 12X12	K1 18-3001	1	11	ı				1
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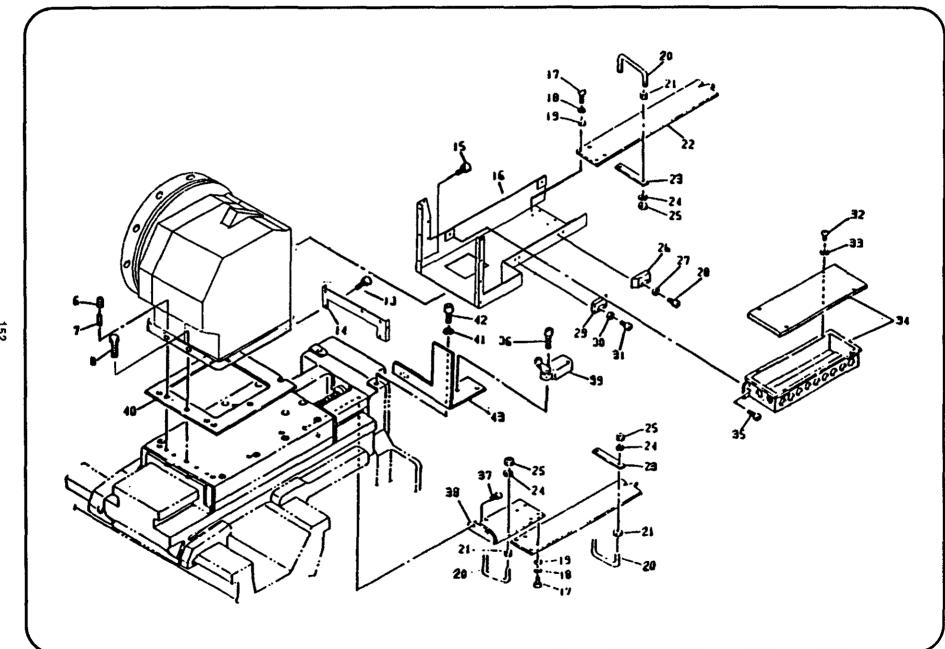
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
103 - 1	C5050-005121	SCREW, FLATHEAD 5X12	K118-4001	7				Ì	1
103 - 2	K118-4000-05-00	CAP (TAILSTOCK)	K118-4001	1	İ				
103 - 3	C5010-200701	BOLT, SOCKETHEAD 20X70	K118-4001	8					
103 - 4	K118-4000-04-01	RAIL (TAILSTOCK)	K118-4001	1					
103 - 5	KW118-0000-02-14	BED	A118X-0001	1				1	
103 - 6	C5000-240601	BOLT, 24X60	A 118X-0009	8					ŀ
103 - 7	K118-9000-03-00	PLATE	A118X-0009	2				•	
103 - 8	K118-0000-02-01	BASE	A118X-0006	1					
103 - 9	C5010-080161	BOLT, SOCKETHEAD 8X16	A118X-0006	2					
103 - 10	C5000-080161	BOLT, HEXHEAD 8X16	A118X-0009	14					
103 - 11	118-0200-16	CAP	A118X-0009	2					
103 - 12	H1020-1047-69	PACKING	A118X-0009	2					1
103 - 13	K118-9000-19-00	PLATE	A118X-0009	1					1
103 - 14	C5010-120201	BOLT, SOCKETHEAD 12X20	A118X-0009	4					
103 - 15	118-6000-10	BRACKET	A118X-0009	1					1
103 - 16	H1020-1047-85	PACKING 150X255X2	A118X-0009	1	1			1	
103 - 17	C5010-080161	BOLT, SOCKETHEAD 8X16	A118X-0009	10	1			†	
103 - 18	118-0200-19	CAP	A118X-0009	1	: 1				
103 - 19	C5022-000241	PLUG, FILLER, EYEBOLT HOLE 24	A118X-0009	6					
103 - 22	C5000-240601	BOLT, HEXHEAD 24X60	A118X-0010	3					1
103 - 23	K118-9000-02-00	PLATE	A118X-0009	1					Ī
103 - 24	KW118-5000-04-01	PLATE	A118X-0010	1			·		1
103 - 25	C5110-000241	NUT, HEX 24	A118X-0010	3					1
103 - 26	C5000-242001	BOLT, 24X200	A118X-0010	3					1
103 - 27	118-5000-06-1	SEAT	A118X-0010	3					
103 - 28	108-0014-04-2	WASHER, FOUNDATION	A118X-0009	8	l				1
103 - 29	C5006-000321	SCREW, JACK M32	A118X-0009	8					i
103 - 30	C5104-000321	NUT, JACK M32	A118X-0009	8					
103 - 31	K118-9000-03-00	PLATE	A118X-0009	1					
103 - 32	K118-9000-02-00	PLATE	A118X-0009	1					i i
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	IND	EX	PART NO.	DESCRIPTION
104 - 3	H1020-1117-22	PLATE	K118-5001	1	104	- 39	C5140-000061	WASHER, PLAIN 6
104 - 4	118-5102-31	PLATE (TAILSTOCK)	K118-5001	2	104	- 40	C5010-060101	BOLT, SOCKETHEAD 6X10
104 - 4	K118-5000-02-00	PLATE (2PCS)	K118-5001	1	11			
104 - 5	C5010-060161	BOLT, SOCKETHEAD 6X16	K118-5001	6	11			
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	11			
104 - 10	118-0200-17-4	SUPPORT	A118X-0009	1				İ
104 - 11	KW118-0200-53-00	BRACKET	A118X-0009	1	11			
104 - 12	C5150-000121	WASHER, PLAIN 12	A118X-0009	5	1 1			
104 - 13	C5000-120251	BOLT,HEXHEAD 12X25	A118X-0009	3				
104 - 14	C5000-120301	BOLT, HEXHEAD 12X30	A118X-0009	2	1 1			
104 - 15	118-5100-90	CAP	K118-5001	2	li			
104 - 16	C5040-006081	SCREW, PANHEAD 6X8	K118-5001	6				•
104 - 17	C5040-006081	SCREW, PANHEAD 6X8	K118-6501	6		i		
104 - 18	C5160-000061	WASHER, SPRING 6	K 118-6501	6				
104 - 19	C5150-000061	WASHER, PLAIN 6	K1 18-6501	6				
104 - 20	C5010-120401	BOLT,SOCKETHEAD 12X40	K118-5001	4				
104 - 21	K118-5000-05-00	DUCT	K1 18-5001	1				
104 - 22	KW118-6000-42-00	BOLT	K1 18-2101	4				
104 - 23	C5040-006081	SCREW, PANHEAD 6X8	K1 18-2101	8				
104 - 24	M109-1024-49	PLATE	K1 18-2101	1	i I			•
104 - 25	K118-6200-03-01	SUPPORT	A118X-0009	1				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				ł
104 - 29	C5010-060101	BOLT, SOCKETHEAD 6X10	K118-2101	2				
104 - 30	118-6000-45	SUPPORT	K118-2101	. t				
104 - 31	118-6000-44	JOINT	K118-2101	1				ł
104 - 32	C5010-080201	BOLT, SOCKETHEAD 8X10	K118-2101	2				
104 - 33	118-6000-40-3	SUPPORT	K118-2101	1				ľ
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	A 118X-0009	8				
104 - 37	C5140-000041	WASHER, PLAIN 4	A118X-0009	8				
104 - 38	118-9600-26	CLAMP	K118-3001	1				

UNIT

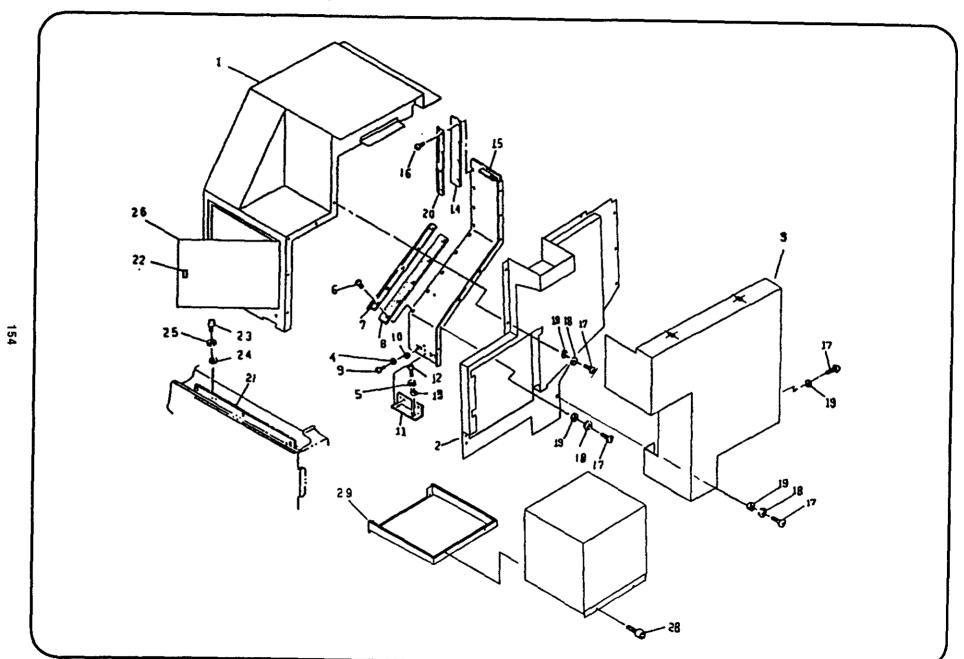
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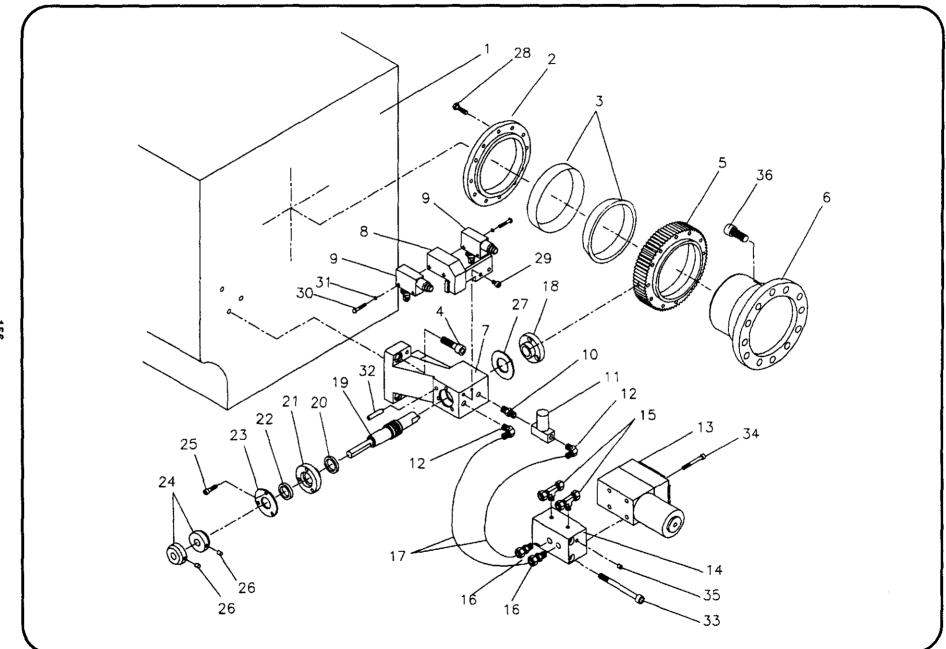
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	IN	NDEX	PART NO.	DESCRIPTION	UNIT	QTY.
105 - 6	C5034-012121	SETSCREW, CUPPOINL 12X12	K118-3001	3						
105 - 7	C0201-080451	ITP 8X45	K118-3001	2		- [
105 - 8	C5000-120551	BOLT, HEXHEAD 12X55	K118-3001	5						
105 - 13	C5010-060201	BOLT, SOCKETHEAD 6X20	K118-3001	2		1				
105 - 14	K1 18-3000-36-01	COVER	K118-3001	1						
105 - 15	C5010-080141	BOLT, SOCKETHEAD 8X 14	K118-3001	3						
105 - 16	K118-3000-35-01	SUPPORT	K118-3001	1						
105 - 17	C5010-050101	BOLT, SOCKETHEAD 5X10	K118-3001	8					ļ	
105 - 18	C5160-000051	WASHER, SPRING 5	K118-3001	8						
105 - 19	C5140-000051	WASHER,SPRING 5	K118-3001	8				 	ľ	
105 - 20	K118-3000-03-01	STUD	K1 18-3001	4						
105 - 21	C5100-000051	NUT, HEX 5	K1 18-3001	12		- 1				
105 - 22	M109-1022-03	PLATÉ	K118-3001	1		- 1				
105 - 23	118-3000-40-1	PLATE	K118-3001	6						
105 - 24	C5160-000051	WASHER, SPRING 5	K118-3001	4						
105 - 25	C5110-000051	NUT, HEX 5	K1 18-3001	4						
105 - 27	C5140-000061	WASHER, POLISHED 6	K1 18-3001	2						
105 - 28	C5010-060161	BOLT, SOCKETHEAD 6X16	K118-3001	2				1		
105 - 29	118-3000-37	DOG	K118-3001	1						
105 - 30	C5140-000061	WASHER, POLISHED 6	K118-3001	2						1
105 - 31	C5010-060161	BOLT, SOCKETHEAD 6X16	K118-3001	2				1		1
105 - 32	C5040-004081	SCREW, PANHEAD 4X8	K118-3001	. 4						
105 - 33	C5160-000041	WASHER, SPRING 4	K118-3001	4						
105 - 34	KH1089-1000-45-00	TERMINAL BOX W/COVER	K118-3001	1						
105 - 35	C5010-060141	BOLT, SOCKETHEAD 6X14	K118-3001	2				1		
105 - 36	C5010-050351	BOLT, SOCKETHEAD 8X16	K118-3001	2						
105 - 37	C5010-080161	BOLT, SOCKETHEAD 8X16	K118-3001	2						[[
105 - 38	118-3000-41-2	SUPPORT	K118-3001	1						1
105 - 39	E3012-891-001	LIMITSWITCH	K118-3001	1						
105 - 40	118-3000-76-1	LINER	K118-3001	1						
105 - 41	C5160-000061	WASHER, SPNING 6	K118-3001	2						
105 - 42	C5010-060101	BOLT, SOCKETHEAD 6X10	K118-3001	2						
105 - 43	K118-3000-04-01	SUPPORT	K118-3001	1						
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY
06 - 1	K118-6500-52-01	COVER	K118-6501	1					1
106 - 2	K1 18-6500-53-02	COVER	K118-6501	1					
106 - 3	K118-6500-55-01	COVER	K118-6501	1	[ļ	ļ
106 - 4	C5160-000061	WASHER 6	K118-6512	4			1		
106 - 5	C5160-000081	WASHER 8	A118X-6518	2].	1	
106 - 6	C5040-005121	SCREW, PANHEAD 5X12	K118-6512	5	i i				Ĭ
106 - 7	KW118-7100-37-00	PLATE	K118-6512	1					
106 - 8	H1020-1046-09-2	WIPER	K118-6512	1				}	1
106 - 9	C5010-060101	BOLT, SOCKETHEAD 6X 10	K118-6512	4					
106 - 10	C5150-000061	WASHER 6	K118-6512	4					
106 - 11	K118-6500-85-00	SUPPORT	A118X-6518	1	•				
106 - 12	C5010-080141	BOLT, SOCKETHEAD 8X 14	A118X-6518	2	:				
106 - 13	C5140-000081	WASHER	A118X-6518	2	1		1	1	1
106 - 14	H1020-1046-10-2	WIPER	K118-6512	1	 				
106 - 15	K118-6500-84-00	COVER	K118-6512	1					İ
106 - 16	C5040-005121	SCREW, PANHEAD 5X12	K118-6512	4				l	
106 - 17	C5040-006101	SCREW, PANHEAD 6X10	K118-6512	11					
106 - 18	C5160-000061	WASHER, 6	K118-6512	11	11]	
106 - 19	C5150-000061	WASHER 6	K118-6512	11					
106 - 20	118-7100-36	PLATE	K118-6512	1					
106 - 21	K118-6500-46-00	SUPPORT	K118-6512	1					Ì
106 - 22	KM0-0295-00	LATCH, SOUTHCO 6210701	K1 18-6501	1					l
106 - 23	C5010-080161	BOLT, SOCKETHEAD 8X16	K118-6512	2					
106 - 24	C5140-000081	WASHER 8	K118-6512	2					
106 - 25	C5160-000081	WASHER 8	K118-6512	2			•		
106 - 26	K118-6500-44-00	COVER	K118-6501	1				l	
! I		į	1				į.	[
106 - 27	K118-6500-54-02	COVER	K118-6501	1					
106 - 28	C5010-060101	BOLT, SOCKETHEAD 6X10	K118-6501	2					
106 - 29	K118-6500-56-01	TROUGH	K118-6501	1				1	
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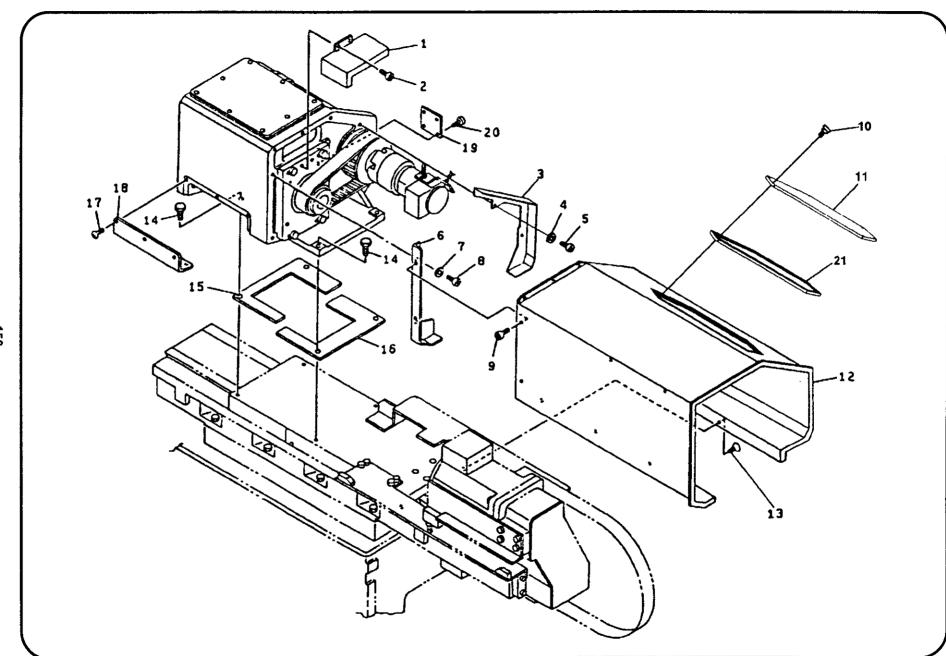
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
107 - 1	118-1000-10-6	HEADSTOCK M/C	K1 18-1003	1					
107 - 2	118-1700-08	HOLDER	K118-1003	1					
107 - 3	H1009-0000-62	RINGFEDER, RFN8006-100X114	K118-1003	1 1					1
107 - 4	C5010-100351	BOLT, SOCKETHEAD 10X35	K118-1003	3				ļ	1
107 - 5	K118-1000-01-00	GEAR	K118-1003	1					ļ
107 - 6	118-1100-41	FLANGE	K1 18-1003	1 1					
107 - 7	118-1700-02-1	BRACKET	K1 18-1003	1					
107 - 8	118-1700-05	SUPPORT	K1 18-1003	1			1	İ	
107 - 9	E3019-891-018	SWITCH, LIMIT YAMATAKE SLD-1	K118-1003	2					
107 - 10	C7900-000002	NIPPLE 1/4	K118-1003	1 1					
107 - 11	KF0-0455-00	VALVE, FLOW , PARKER N200	K118-1003	1				:	
107 - 12	H0010-0002-16	ELBOW, L2N-1/4-PT1/8	K118-1003	2					
107 - 13	KF0-0048-02	VALVE, PARKER D1VW9HJJF70X42	K118-1003	1]
107 - 14	118-1700-06-1	MANIFOLD	K118-1003	1					
107 - 15	H0010-0002-17	CONNECTOR, TEE C2N-1/4-PT1/4	K1 18-1003	2				İ	•
107 - 16	H0010-0006-39	CONNECTOR, STRT. T2N-1/4-PT1/4	K1 18-1003	2					
107 - 17	F1242-1600	TUBING, NYLON NB-4-062 (1600MM)	K118-1003	1					İ
107 - 18	K118-1000-03-01	CAP	K118-1003	1				l	ŀ
107 - 19	K118-1000-02-03	PIN	K118-1003	1			•		
107 - 20	C6110-000G25	O-RING, G25	K118-1003	1				į.	
107 - 21	KW118-1720-04-00	CAP	K118-1003	1					
107 - 22	H0031-0009-26	SEAL, USH20285	K118-1003	1					
107 - 23	KW118-1780-03-00	PLATE	K118-1003	1					
107 - 24	118-1700-04	DOG	K118-1003	2	.			ŀ	
107 - 25	C5010-050201	BOLT, SOCKETHEAD 5X20	K118-1003	3	!				j i
107 - 26	J9311-7740-060006	SETSCREW, HEX HD 6X6	K118-1003	2					1
107 - 27	H0031-0008-87	SEAL, CU0212K0	K1 18-1003	1					
107 - 28	C5000-060251	BOLT, SOCKETHEAD 6X25	K1 18-1003	12				1	
107 - 29	C5010-050141	BOLT, SOCKETHEAD 5X14	K118-1003	2			İ		
107 - 30	C5160-000041	WASHER, LOCK 4	K118-1003	4			1		
107 - 31	C5040-004251	SCREW, PANHEAD 4X25	K1 18-1003	4					
107 - 32	C0201-060321	ITP, 6X32	K1 18-1003	2					
107 - 33	C5010-080901	BOLT, SOCKETHEAD 8X90	K1 18-1003	2	i I			1	
107 - 34	C5010-050451	BOLT, SOCKETHEAD 5X45	K118-1003	4				1	
107 - 35	C5250-060060	PLUG, 6X6	K1 18-1003	2			1		
107 - 36	C5010-120281	BOLT, SOCKETHEAD 12X28	K1 18-1003	12			1		

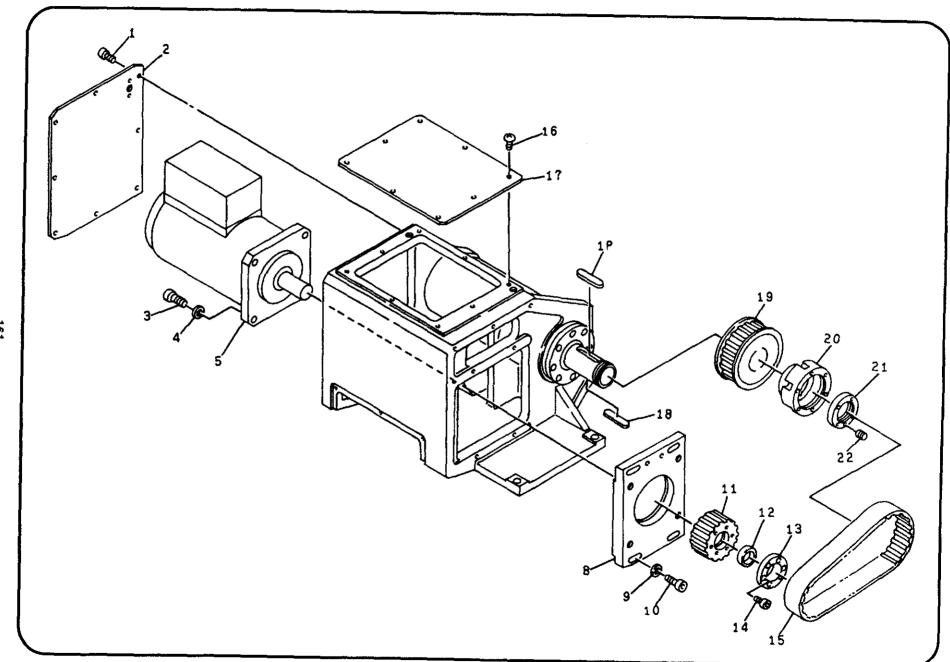
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SUB-SPINDLE ASSEMBLY (1)	161
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
131 - 1	118-9610-25	COVER	K118-9024	1					
131 - 2	C5010-060101	BOLT,SOCKETHEAD 6X10	K118-9024	2]	
131 - 3	K118-9001-25-01	SUPPORT	K118-9024	1					
131 -4	C5140-000061	WA5HER~POLISHED 6	K1 18-9024	2			ĺ	[1
131 - 5	C5010-060121	BOLT,SOCKETHEAD 6X12	K118-9024	2					1
131 - 6	118-9610-24	SUPPORT	K118-9024	1	i		ļ	1	i i
131 - 7	C5140-000061	WASHER,POLISHED 6	K118-9024	2					
131 - 8	C5010-060121	BOLT,SOCKETHEAD 6X12	K118-9024	2				J]
131 - 9	C5010-060101	BOLT,SOCKETHEAD 6X10	K118-9024	9					
131 - 10	C5050-005101	SCREW,FLATHEAD 5X10	K118-9024	8			ŀ		ŀ
131 - 11	K1 18-6501-13-01	PLATE	K118-9024	1					İ
131 - 12	K118-6501-07-03	COVER	K1 18-9024	1					
131 - 13	C5050-005101	SCREW,FLATHEAD 5X10	K118-9024	6	ì		ł	l	}
131 - 14	C5010-120401	BOLT, SOCKETHEAD 12X40	K118-9024	4					1
131 - 15	113-5200-13	SPACER	K118-9024	1			1		1
131 - 16	113-5200-03	SPACER	K118-9024	1	l l		İ		
131 - 17	C5040-005101	SCREW,PANHEAD 5X10	K118-9024	6					
131 - 18	118-9600-01-3	COVER	K118-9024	1			İ	i	l
131 - 19	118-2200-03-9	COVER	K118-9024	1					
131 - 20	C5040-006101	SCREW,PANHEAD 6X10	K118-9024	4					
131 - 21	KM1-0549-00	GASKET	K1 18-9024	1	:				l
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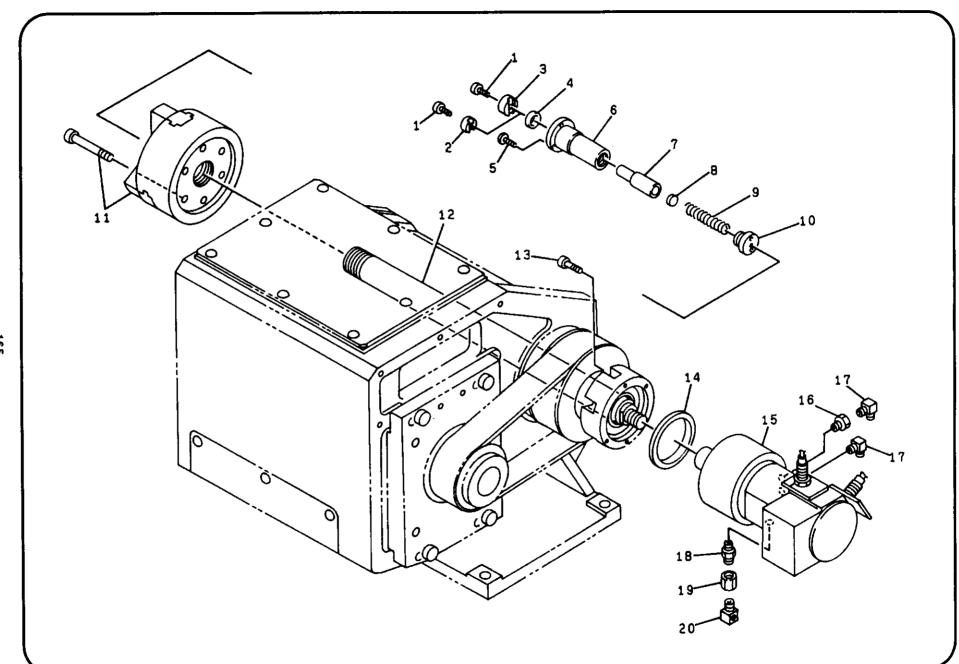
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY
132 - 1	C5010-060101	BOLT,SOCKETHEAD 6X10	K118-9024	8					
132 - 2	118-9600-14	COVER	K118-9024	1					1
132 - 3	C5010-120401	BOLT,SOCKETHEAD 12X40	K118-9024	4					
132 - 4	C5160-000121	WASHER,SPRING 12	K118-9024	4				İ	
132 - 5	×	MOTOR BL-UH101E-60S	K118-9024	1					
132 - 8	113-5200-09-2	BASE,MOTOR	K118-9024	1					'
132 - 9	C5140-000101	WASHER,POLISHED 10	K118-9024	4					
132 - 10	C5010-100351	BOLT,SOCKETHEAD 1 OX35	K118-9024	4					
132 - 11	H1019-1006-73	PULLEY,BANDO 36S8MO400	K1 18-9024	1				1	
132 - 12	H1012-0002-58	POWER LOCK TSUBAKIMOTO PL035X040E	K118-9024	1			1		
132 - 13	118-9610-23	CAP	K118-9024	1 1		1		1	ł
132 - 14	C5010-050161	BOLT, SOCKETHEAD 5X16	K118-9024	6				ŀ	
132 - 15	M119-0008-40	BELT,BANDO 400S8M712	K118-9024	1	1				
132 - 16	C5040-006101	SCREW,PANHEAD 6X10	K118-9024	8					1
132 - 17	113-5206-02-1	COVER	K118-9024	1					1
132 - 18	C5175-070701	KEY,FEATHER 7X7X70	K118-9024	2					
132 - 19	H1019-1006-62	PULLEY,BANDO	K118-9024	1 1					
132 - 20	113-5200-14	ADAPTER	K118-9024	1			ļ		
132 - 21	515-0430-21	NUT	K118-9024	1 1					
132 - 22	C5035-006121	SETSCREW,DOGPOINT 6X12	K118-9024	1 1					
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C5010-060121 515-0430-19-1 515-0430-22 M000-6010P4 C5010-060201 515-0430-18 118-9600-01-3 C7861-000042 515-0430-16	BOLT,SOCKETHEAD 6X12 CAP COLLAR BALL BEARLING BOLT,SOCKETHEAD 6X20 HOUSING HEADSTOCK PLUG,WITH SOCKET 3/4 NUT	K118-9024 K118-9024 K118-9024 K118-9024 K118-9024 K118-9024 K118-9024	4 1 2 1 4 1
515-0430-22 M000-6010P4 C5010-060201 515-0430-18 118-9600-01-3 C7861-000042 515-0430-16	COLLAR BALL BEARLING BOLT, SOCKETHEAD 6X20 HOUSING HEADSTOCK PLUG, WITH SOCKET 3/4	K118-9024 K118-9024 K118-9024 K118-9024 K118-9024 K118-9024	2 1 4 1 1
M000-6010P4 C5010-060201 515-0430-18 118-9600-01-3 C7861-000042 515-0430-16	BALL BEARLING BOLT, SOCKETHEAD 6X20 HOUSING HEADSTOCK PLUG, WITH SOCKET 3/4	K118-9024 K118-9024 K118-9024 K118-9024 K118-9024	1 4 1 1
C5010-060201 515-0430-18 118-9600-01-3 C7861-000042 515-0430-16	BOLT, SOCKETHEAD 6X20 HOUSING HEADSTOCK PLUG, WITH SOCKET 3/4	K118-9024 K118-9024 K118-9024 K118-9024	4 1 1
515-0430-18 118-9600-01-3 C7861-000042 515-0430-16	HOUSING HEADSTOCK PLUG,WITH SOCKET 3/4	K1 18-9024 K1 18-9024 K1 18-9024	1 1
118-9600-01-3 C7861-000042 515-0430-16	HEADSTOCK PLUG,WITH SOCKET 3/4	K1 18-9024 K1 18-9024	1
C7861-000042 515-0430-16	PLUG,WITH SOCKET 3/4	K118-9024	
515-0430-16	,		1 , 1
	NIT	t i	1
CEOOC OCCOOL	1101	K118-9024	1
C5036-006081	SETSCREW 6X8	K118-9024	2
515-0430-47	SET PIECE	K118-9024	6
515-0430-15	COLLAR	K118-9024	1
515-0430-14	COLLAR	K118-9024	2
M009-0022-94	ANGULAR BEARING,NTN	K118-9024	1
515-0430-13-1	COLLAR	K118-9024	1
515-0430-11	COLLAR	K118-9024	1
515-0430-12	NUT	K118-9024	2
C5036-006081	SETSCREW 6X8	K118-9024	4
515-0430-08	COLLAR	K118-9024	1
515-0430-10	COLLAR	K118-9024	1
M009-0022-95	BALL BEARING, NTN	K118-9024	1
515-0430-09	COLLAR	K118-9024	1
118-9600-05	HOLDER	K118-9024	1
113-5200-07-01	LABYRINTH	K118-9024	1
118-9600-04-01	CAP	K118-9024	1
C5010-080301	BOLT,SOCKETHEAD 8X30	K118-9024	5
515-0430-01-1	MAIN SPINDLE	K118-9024	1
515-0430-66	COLLAR	K118-9024	1
118-9600-22	CAP	K118-9024	1
C5010-060161	BOLT,SOCKETHEAD 6X16	K118-9024	3
515-0430-68	GUTTER	K118-9024	1
C5040-004061	SCREW,PANHEAD 4X6	K118-9024	2
		1	l '
	515-0430-47 515-0430-15 515-0430-14 M009-0022-94 515-0430-13-1 515-0430-12 C5036-006081 515-0430-08 515-0430-10 M009-0022-95 515-0430-09 118-9600-05 113-5200-07-01 118-9600-04-01 C5010-080301 515-0430-01-1 515-0430-66 118-9600-22 C5010-060161 515-0430-68	515-0430-47 SET PIECE 515-0430-15 COLLAR 515-0430-14 COLLAR M009-0022-94 ANGULAR BEARING,NTN 515-0430-13-1 COLLAR 515-0430-11 COLLAR 515-0430-12 NUT C5036-006081 SETSCREW 6X8 515-0430-08 COLLAR 515-0430-10 COLLAR M009-0022-95 BALL BEARING, NTN 515-0430-09 COLLAR 118-9600-05 HOLDER 113-5200-07-01 LABYRINTH 118-9600-04-01 CAP C5010-080301 BOLT,SOCKETHEAD 8X30 515-0430-01-1 MAIN SPINDLE 515-0430-66 COLLAR 118-9600-22 CAP C5010-060161 BOLT,SOCKETHEAD 6X16 515-0430-68 GUTTER	515-0430-47 SET PIECE K118-9024 515-0430-15 COLLAR K118-9024 515-0430-14 COLLAR K118-9024 M009-0022-94 ANGULAR BEARING,NTN K118-9024 515-0430-13-1 COLLAR K118-9024 515-0430-11 COLLAR K118-9024 515-0430-12 NUT K118-9024 C5036-006081 SETSCREW 6X8 K118-9024 515-0430-08 COLLAR K118-9024 515-0430-10 COLLAR K118-9024 M009-0022-95 BALL BEARING, NTN K118-9024 515-0430-09 COLLAR K118-9024 118-9600-05 HOLDER K118-9024 118-9600-04-01 CAP K118-9024 C5010-080301 BOLT, SOCKETHEAD 8X30 K118-9024 515-0430-06-1 MAIN SPINDLE K118-9024 515-0430-66 COLLAR K118-9024 515-0430-68 GUTTER K118-9024 K118-9024 K118-9024

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
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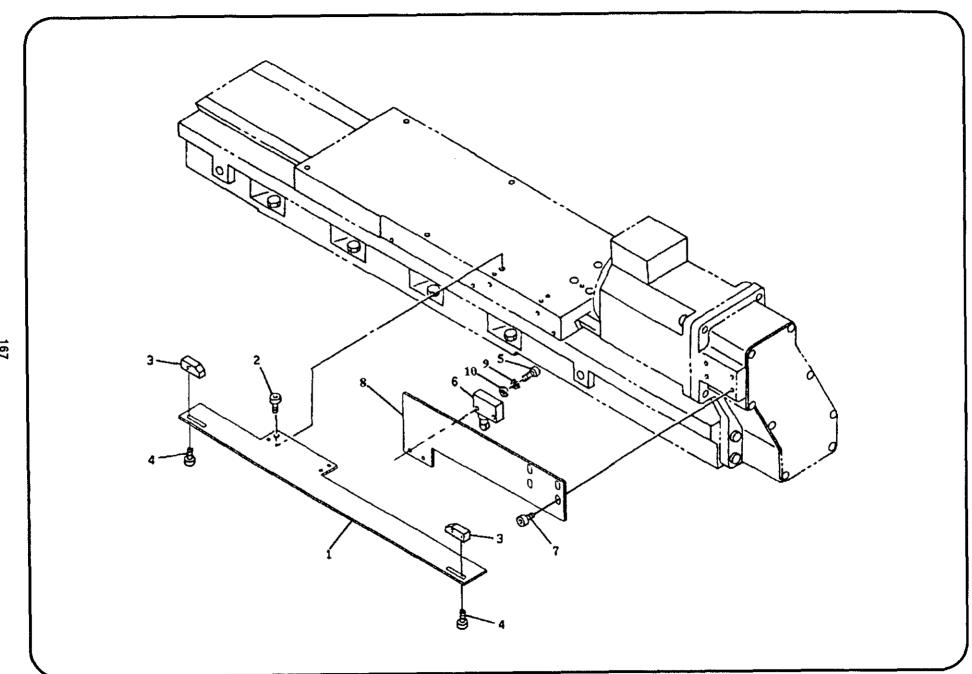
SHEET NO. 134 HYDRAULIC HOLLOW CHUCK AND CYLINDER



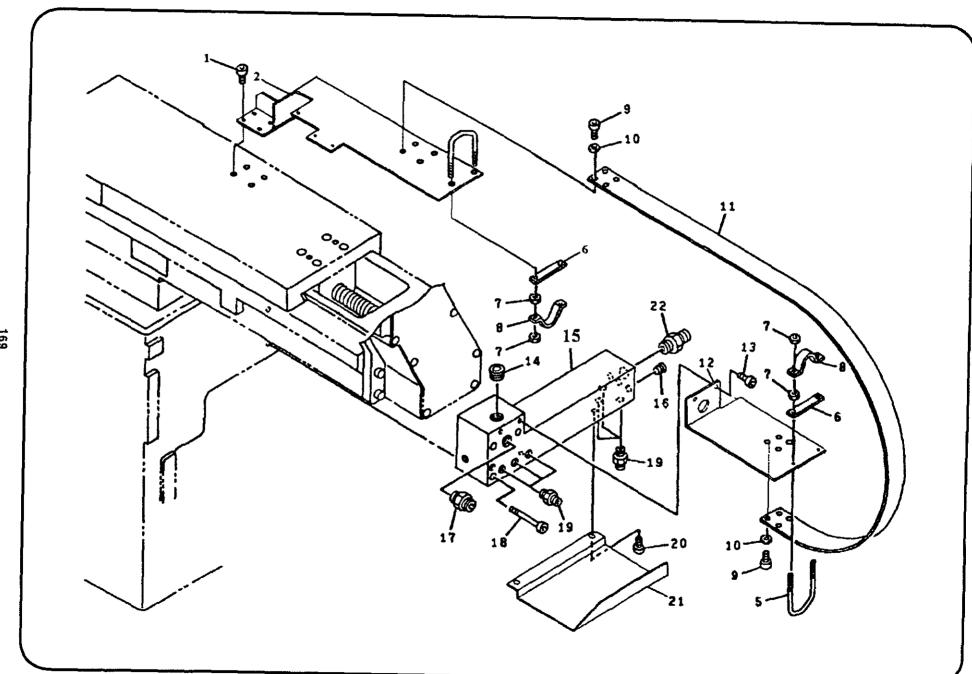
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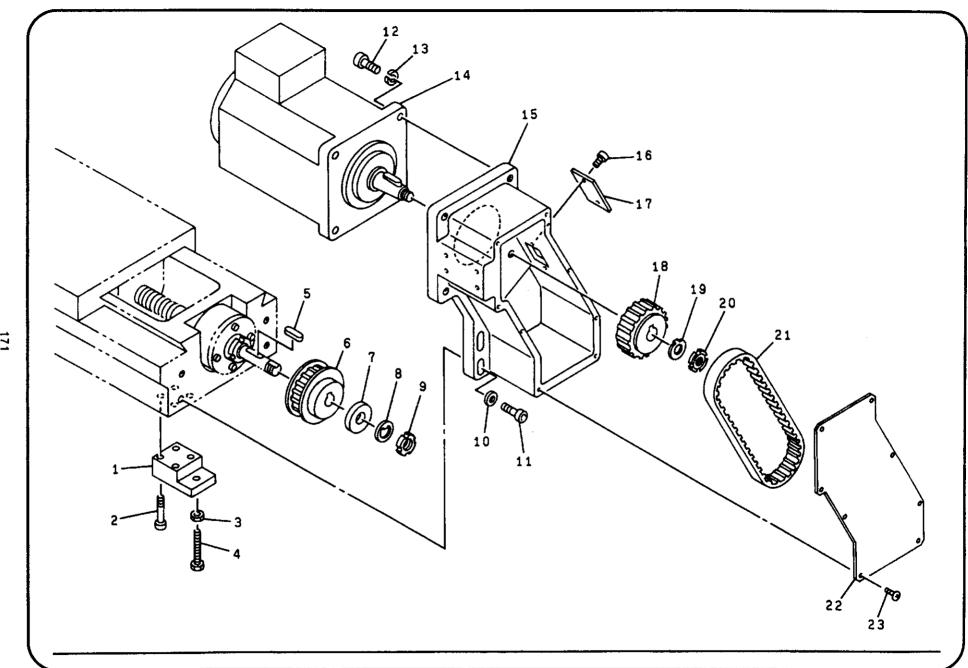
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
134 - 1	C5010-060101	BOLT,SOCKETHEAD 6X10	K118-9024	1					
134 - 2	515-0430-54	COLLAR	K118-9024	1		·			
134 - 3	515-0430-55	COLLAR	K118-9024	1					
134 - 4	H0031-0000-33	SEAL,NOK DKI FD0258AO	K118-9024	1					
134 - 5	C5040-005101	SCREW,PANHEAD 5X10	K118-9024	3					
134 - 6	515-0430-50-L	HOUSING	K1 18-9024	1					
134 - 7	515-0430-51	PISTON	K118-9024	1					
134 - 8	515-0430-53	PLATE	K118-9024	1					
134 - 9	M101-12120-07012	SPRING 1.2X12.0X70X12	K118-9024	1					
134 - 10	515-0430-52	CAP	K118-9024	1 1					
134 - 11	T009-200-007-28	CHUCK,KITAGAWA 805	K1 18-9024	1					l
134 - 12	515-0430-48-2	JOINT	K118-9024	1]			
134 - 13	C5010-060251	BOLT,SOCKETHEAD 6X25	K118-9024	6					
134 - 14	515-0430-57	ADAPTER	K1 18-9024	1 1					
134 - 15	H0001-0004-05-1	CYLINDER,KITAGAWA Y0715RNE	K118-9024	1 1					
134 - 16	X	BUSHING	K1 18-9024	1 1				i	
134 - 17	D7870-020022	ELBOW,HOSE JOINT 3/8	K118-9024	2				,	
134 - 18	C7800-000412	M-NIPPLE 3/4X1/4	K118-9024	1				i	
134 - 19	C7805-000442	M-SOCKET 3/4	K118-9024	1				1	
134 - 20	C7831-004442	TEE 3/4	K118-9024	1 1	i i	!			
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OKUMA MACHINE TOOLS, INC.

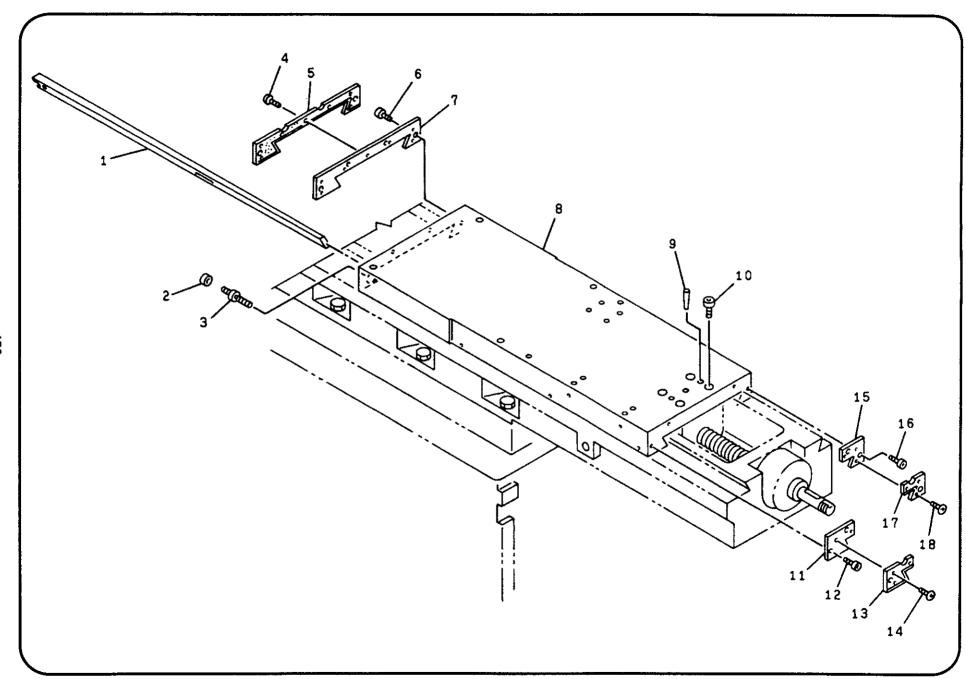


INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
6 - 1	C5010-080161	BOLT, SOCKETHEAD 8X16	K118-9024	4					1
6 - 2	K118-9001-24-01	SUPPORT	K118-9024	1				İ	
6 - 3	C5010-080121	BOLT,SOCKETHEAD 8X12	K118-9024	4					
3 - 4	118-9600-18	PLATE	K118-9024	1				1	
6 - 5	118-9610-27	BAND	K118-9024	5				1	
6 - 6	125-1120-18	PLATE	K118-9024	5	1			}]
3 - 7	C5100-000051	NUT,HEX.NO.3 5	K118-9024	20				1	1
8 - 8	125-1120-26	BAND	K118-9024	5					1 1
-9	C5010-060101	BOLT,SOCKETHEAD 6X10	K118-9024	8				[1 1
3 - 10	C5140-000061	WASHER, POLISHED 6	K118-9024	8					
3 - 11	K118-9001-32-00	PLATE	K118-9024	1 1			i	1	
3 - 12	K118-9001-26-00	SUPPORT	K118-9024	1			·		
3 - 13	C5010-080161	BOLT.SOCKETHEAD 8X16	K118-9024	2	! ! .		i	j]
3 - 14	C7861-000042	PLUG,WITH SOCKET 3/4	K118-9024	1					1 1
- 15	118-9600-20	JOINT	K118-9024	1					[
- 16	C7861-000022	PLUG,WITH SOCKET 3/8	K118-9024	3				İ	1 1
i - 17	D7870-010042	JOINT,HOSE 3/4	K118-9024	1					
ì - 18	C5010-080801	BOLT,SOCKETHEAD 8X80	K118-9024	3			1	1	1 1
- 19	D7870-010022	JOINT, HOSE 3/8	K118-9024	6					1
- 20	C5010-060121	BOLT,SOCKETHEAD 6X12	K118-9024	2			}]]
, - 21	K118-9001-17-00	SUPPORT	K118-9024	1					1 1
- 22	C7872-002542	JOINT, VINYL HOSE 3/4 (25)	K118-9024	1			j		1 1
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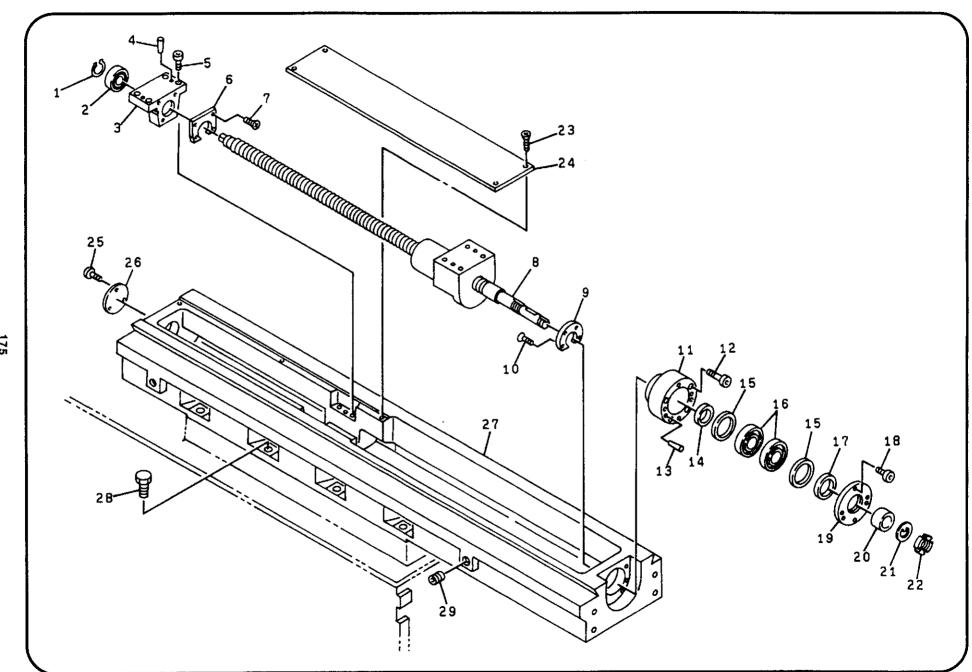
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
37 - 1	113-5200-10	SUPPORT	K118-9024	1					1
37 - 2	C5010-080501	BOLT,SOCKETHEAD 8X50	K118-9024	4			1	J	1
37 - 3	C5110-000101	NUT,HEX.NO.4 10	K118-9024	1	1 1				
137 - 4	C5002-100601	BOLT,HEXHEAD 10X60	K118-9024	1					1
137 - 5	C5170-050250	KEY, FEATHER 5X5X25	K118-9024	1 1					1
137 - 6	H1019-1006-38	PULLEY,BANDO 3458M0250B	K118-9024	1 1				1	J
137 - 7	113-5203-05	COLLAR	K118-9024	1			Ì		1
137 - 8	C5153-000200	WASHER,LOCK,PRECISION 20	K118-9024	1				1	
137 - 9	C5131-000201	NUT.ROUND SLOTTED.PRECISION 20	K118-9024	1 1					1
137 - 10	C5140-000101	WASHER, POLISHED 10	K118-9024	4				J	
137 - 11	C5010-100401	BOLT,SOCKETHEAD 10X40	K118-9024	4			ļ.		
137 - 12	C5010-120301	BOLT,SOCKETHEAD 12X30	K118-9024	4					
137 - 13	C5160-000121	WASHER, SPRING 12	K118-9024	4				ŀ	1
137 - 14	BLH1 00E20T	W-AXIS DRIVE MOTOR	K118-9024	1 1			}	J	1
137 - 15	118-9600-09-02	BASE,MOTOR	K118-9024	1				ļ	
137 - 16	C5010-060101	BOLT,SOCKETHEAD 6X10	K118-9024	2					
137 - 17	118-2200-39-01	CAP	K118-9024	1				İ	
137 - 18	H1019-1006-39	PULLEY,BANDO 34S8M0250B	K118-9024	1 1			,	J	1
137 - 19	118-2100-86-1	WASHER	K118-9024	1 1				1	
137 - 20	118-2100-85	NUT	K118-9024] 1			ľ	ŀ	
137 - 21	M119-0008-33	BELT.BANDO 250S8M712	K118-9024	1					
137 - 22	118-9600-15	COVER	K118-9024	1			,	j	
137 - 23	C5040-005081	SCREW,PANHEAD 5X8	K118-9024	8				l.	1
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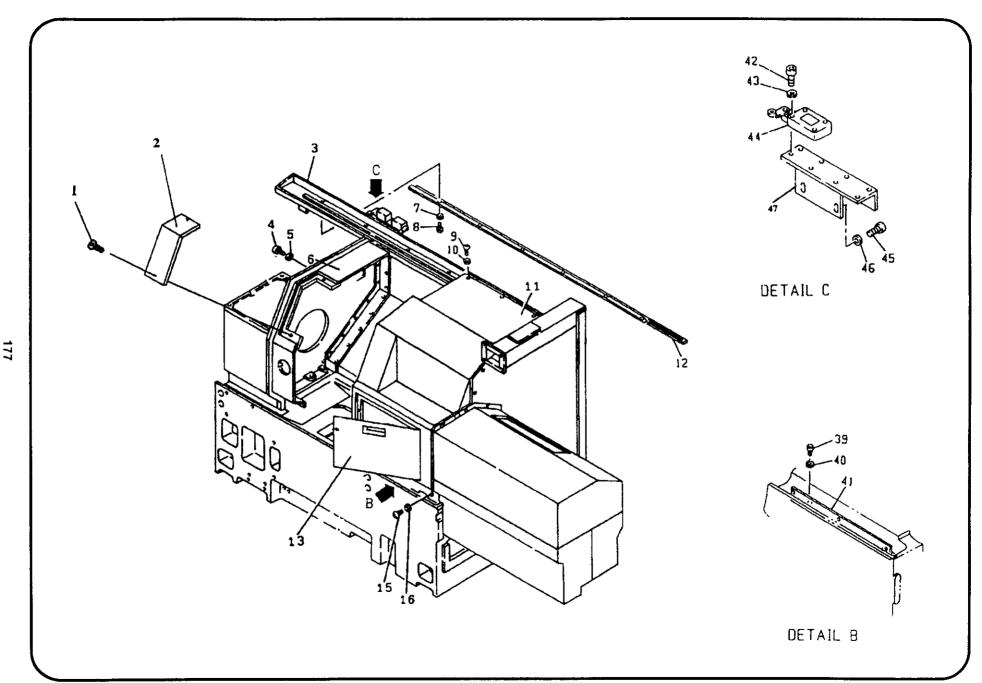
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138 - 1	118-9600-06	GIB	K118-9024	1					1
138 - 2	108-0301-18-2	NUT	K118-9024	1				İ	
138 - 3	108-0301-17-1	BOLT	K118-9024] 1]				į	
138 - 4	C5040-004101	SCREW,PANHEAD 4X10	K118-9024	7			1		1
138 - 5	H1023-1031-21	WIPER,NITTA	K118-9024	1					1
138 - 6	C5010-060121	BOLT, SOCKETHEAD 6X12	K118-9024	4				ŀ	
138 - 7	113-5202-03	PLATE	K118-9024	1 1				ļ	
138 - 8	118-9600-03-3	CROSSSLIDE	K1 18-9024	1 1			1	i	Į .
138 - 9	C0201-080361	ITP 8X36	K118-9024	2			ł		
138 - 10	C5010-120251	BOLT, SOCKETHEAD 12X25	K1 18-9024	4			1		
138 - 11	113-5202-04	PLATE	K118-9024	1 1				1	i
138 - 12	C5010-060121	BOLT,SOCKETHEAD 6X12	K118-9024	2				1	
138 - 13	H1023-1031-20	WIPER,NITTA	K1 18-9024	[1 [ľ
138 - 14	C5040-004101	SCREW,PANHEAD 4X10	K118-9024	3					
138 - 15	113-5202-05	PLATE	K118-9024	j 1					
138 - 16	C5010-060121	BOLT, SOCKETHEAD 6X12	K118-9024	2					
138 - 17	H1023-1031-19	WIPER,NITTA	K1 18-9024] 1			}	ļ	}
138 - 18	C5040-004101	SCREW PANHEAD 4X10	K118-9024	3				1	
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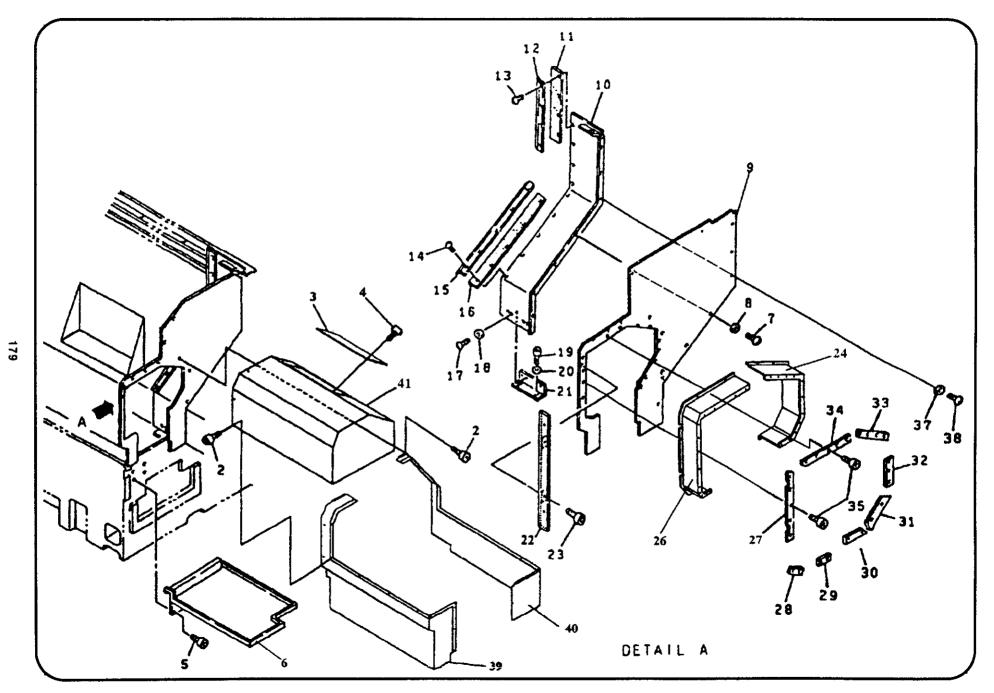
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
139 - 1	C5180-000200	SNAP RLNG,EXTERNAL 20	K118-9024	1					+
t39 - 2	M000-6004LLBP5	BALL BEARING,NTN 6004LLBP5	K118-9024	1					
139 - 3	113-5203-04-01	BRACKET	K118-9024	1					
139 - 4	C0201-060321	ITP 6X32	K118-9024	2				Į.	1
139 - 5	C5010-080251	BOLT, SOCKETHEAD 8X25	K118-9024	4			·		1
139 - 6	H1020-1106-16	STOPPER	K118-9024	1					
139 - 7	C5050-004101	SCREW,FLATHEAD 4X10	K118-9024	4				[
139 - 8	H1014-0008-26	BALL SCREW,TUBAKIMOTO	K118-9024	1					
139 - 9	H1020-1106-17	STOPPER	K118-9024	1					1
139 - 10	C5050-004101	SCREW,FLATHEAD 4X10	K118-9024	4					
139 - 11	118-9600-07-01	HOUSING	K118-9024	1					
139 - 12	C5010-080501	BOLT, SOCKETHEAD 8X50	K118-9024	4					
139 - 13	C0201-060361	ITP 6X36	K118-9024	2					1
139 - 14	F1100-032-05211	SEAL,OIL,NOK SB325211	K118-9024	1					
139 - 15	113-5203-08	COLLAR	K118-9024	2				1	
139 - 16	M009-0010-32-01	BALL BEARING, NSK	K118-9024	1					
139 - 17	F1100-040-05208	SEAL,OIL,NOK SB40528	K118-9024	1					
139 - 18	C5010-060201	BOLT,SOCKETHEAD 6X20	K118-9024	4				1]
139 - 19	113-5203-06	CAP	K118-9024	1	.			1	
139 - 20	113-5203-07	COLLAR	K118-9024	1					
139 - 21	C5153-000240	WASHER, LOCK PRECISION 24	K118-9024	1					1
139 - 22	C5131-000241	NUT,ROUND SLOTTED,PRECISION 24	K118-9024	1				1]]
139 - 23	C5050-005101	SCREW,FLATHEAD 5X10	K118-9024	4					
139 - 24	118-9600-08-02	PLATE	K118-9024	1					
139 - 25	C5040-005081	SCREW,PANHEAD 5X8	K118-9024	3					
139 - 26	113-5203-03	CAP	K118-9024	1				1]
139 - 27	118-9600-02-3	RAIL	K118-9024	1					
139 - 28	C5000-160401	BOLT 16X40	K118-9024	8					
139 - 29	C5036-016301	SETSCREW 16X30	K118-9024	4					l l
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C5010-060101 K118-6501-12-00 K118-6500-28-02 C5040-006101 C5150-000061 K118-6500-98-00 C5150-000061 C5040-006081 C5040-006101	BOLT,SOCKETHEAD 6X10 CAP SUPPORT SCREW,PANHEAD 6X10 WASHER,PLAIN 6 COVER WASHER,PLAIN 6 SCREW,PANHEDD 6X8	K118-9024 K118-9024 K118-9024 K118-9024 K118-9024 K118-9024	2 1 1 8 8					
K118-6500-28-02 C5040-006101 C5150-000061 K118-6500-98-00 C5150-000061 C5040-006081	SUPPORT SCREW,PANHEAD 6X10 WASHER,PLAIN 6 COVER WASHER,PLAIN 6	K118-9024 K118-9024 K118-9024 K118-9024	1 8 8					
C5040-006101 C5150-000061 K118-6500-98-00 C5150-000061 C5040-006081	SCREW,PANHEAD 6X10 WASHER,PLAIN 6 COVER WASHER,PLAIN 6	K118-9024 K118-9024 K118-9024	8 8					1
C5150-000061 K118-6500-98-00 C5150-000061 C5040-006081	WASHER,PLAIN 6 COVER WASHER,PLAIN 6	K118-9024 K118-9024	8				ì	1
K118-6500-98-00 C5150-000061 C5040-006081	COVER WASHER,PLAIN 6	K118-9024			i			ſ
C5150-000061 C5040-006081	WASHER,PLAIN 6		1					
C5040-006081	I '	K118-9024					ł	1
	SCREW.PANHEDD 6X8		6					
C5040-006101		K118-9024	6		ļ		J	
	SCREW,PANHEDD 6X10	K118-9024	4					
C5150-000061	WASHER, PLAIN 6	K118-9024	4				1	
K118-6500-99-01	COVER	K118-9024	1				1	
K118-6500-27-00	GUTTER	K118-9024	1				İ	
K118-6500-11-01	COVER	K118-9024	1				1	
C5010-060101	BOLT,SOCKETHEAD 6X10	K118-9024	2					
C5040-008101	SCREW.PANHEDD 8X10	K118-9024	3					
C5150-000081	WASHER,PLAIN 8	K118-9024	3				l l	
C5010-080161	BOLT,SOCKETHEAD 8X16	K118-9024	2				1	1
C5140-000081	WASHER, POLISHED 8	K118-9024	1				- [i
K118-6500-46-00	SUPPORT	K118-9024	1					
C5010-050351	BOLT, SOCKETHEAD 5X35	K118-9024	8				- 1	
C5160-000051	WASHER, SPRING 5	K118-9024	8				i	
E3019-397-051	LIMITSWITCH.OMBON	K118-9024	2		ļ		ļ	J
C5010-060121	BOLT, SOCKETHEAD 6X12	K118-9024	2				ĺ	
C5140-000061	WASHER, POLISHED 6	K118-9024	2					
118-7120-19-2	SUPPORT	K118-9024	1				i	1
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	K118-6500-99-01 K118-6500-27-00 K118-6500-11-01 C5010-060101 C5040-008101 C5150-000081 C5010-080161 C5140-000081 K118-6500-46-00 C5010-050351 C5160-000051 E3019-397-051 C5010-060121 C5140-000061	K118-6500-99-01 COVER K118-6500-27-00 GUTTER K118-6500-11-01 COVER C5010-060101 BOLT,SOCKETHEAD 6X10 C55040-008101 SCREW.PANHEDD 8X10 C5150-000081 WASHER,PLAIN 8 C5010-080161 BOLT,SOCKETHEAD 8X16 C5140-000081 WASHER,POLISHED 8 K118-6500-46-00 SUPPORT C5010-050351 BOLT,SOCKETHEAD 5X35 C5160-000051 WASHER,SPRING 5 E3019-397-051 LIMITSWITCH.OMRON C5010-060121 BOLT,SOCKETHEAD 6X12 WASHER,POLISHED 6 WASHER,POLISHED 6	K118-6500-99-01 COVER K118-9024 K118-6500-27-00 GUTTER K118-9024 K118-6500-11-01 COVER K118-9024 C5010-060101 BOLT,SOCKETHEAD 6X10 K118-9024 C5040-008101 SCREW.PANHEDD 8X10 K118-9024 C5150-000081 WASHER,PLAIN 8 K118-9024 C5010-080161 BOLT,SOCKETHEAD 8X16 K118-9024 K118-9024 K118-9024 K118-9024 K118-9024 K118-9024 K118-9024 C5010-050351 BOLT,SOCKETHEAD 5X35 K118-9024 C5160-000051 WASHER,SPRING 5 K118-9024 C5010-060121 BOLT,SOCKETHEAD 6X12 K118-9024 C5140-000061 WASHER,POLISHED 6 K118-9024	K118-6500-99-01 COVER K118-9024 1 K118-6500-27-00 GUTTER K118-9024 1 K118-6500-11-01 COVER K118-9024 1 C5010-060101 BOLT,SOCKETHEAD 6X10 K118-9024 2 C5040-008101 SCREW.PANHEDD 8X10 K118-9024 3 C5150-000081 WASHER,PLAIN 8 K118-9024 3 C5010-080161 BOLT,SOCKETHEAD 8X16 K118-9024 2 C5140-000081 WASHER,POLISHED 8 K118-9024 1 K118-6500-46-00 SUPPORT K118-9024 1 C5010-050351 BOLT,SOCKETHEAD 5X35 K118-9024 8 C5160-000051 WASHER,SPRING 5 K118-9024 8 E3019-397-051 LIMITSWITCH.OMRON K118-9024 2 C55140-000061 WASHER,POLISHED 6 K118-9024 2	K118-6500-99-01 COVER K118-9024 1 K118-6500-27-00 GUTTER K118-9024 1 K118-6500-11-01 COVER K118-9024 1 C5010-060101 BOLT,SOCKETHEAD 6X10 K118-9024 2 C5040-008101 SCREW.PANHEDD 8X10 K118-9024 3 C5150-090081 WASHER,PLAIN 8 K118-9024 3 C5140-090081 WASHER,POLISHED 8 K118-9024 1 K118-6500-46-00 SUPPORT K118-9024 1 C5010-050351 BOLT,SOCKETHEAD 5X35 K118-9024 8 C5160-090051 WASHER,SPRING 5 K118-9024 8 C5160-090051 WASHER,SPRING 5 K118-9024 2 C5010-060121 BOLT,SOCKETHEAD 6X12 K118-9024 2 C5140-090061 WASHER,SPRING 5 K118-9024 2 C5140-090061 WASHER,SPRING 5 K118-9024 2 C5140-090061 WASHER,POLISHED 6 K118-9024 2 C5140-090061 WASHER,POLISHED 6 K118-9024 2	K118-6500-99-01 COVER K118-9024 1 K118-6500-27-00 GUTTER K118-9024 1 K118-6500-11-01 COVER K118-9024 1 C5010-060101 BOLT,SOCKETHEAD 6X10 K118-9024 2 C5040-008101 SCREW.PANHEDD 8X10 K118-9024 3 C5150-000081 WASHER,PLAIN 8 K118-9024 3 C5010-080161 BOLT,SOCKETHEAD 8X16 K118-9024 2 C5140-000081 WASHER,POLISHED 8 K118-9024 1 K118-6500-46-00 SUPPORT K118-9024 1 C5010-050351 BOLT,SOCKETHEAD 5X35 K118-9024 8 C5160-000051 WASHER,SPRING 5 K118-9024 8 C5160-000051 WASHER,SPRING 5 K118-9024 2 C5010-060121 BOLT,SOCKETHEAD 6X12 K118-9024 2 C5140-000061 WASHER,POLISHED 6 K118-9024 2	COVER	COVER



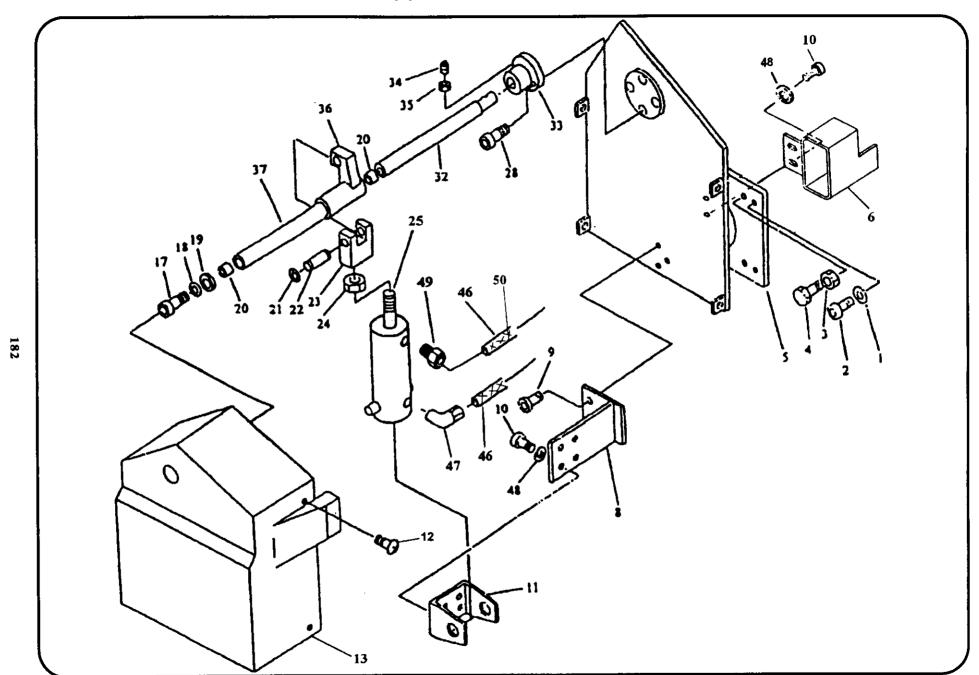
OKUMA MACHINE TOOLS, INC.

INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
150 0	05040.050404	DOLT COOKETHEAD OWA	1440 0004	7
156 - 2	C5010-060101	BOLT, SOCKETHEAD 6X10	K118-9024	7
156 - 3 156 - 4	113-5204-23	COVER	K118-9024	1
	C5040-006101	SCREW,PANHEAD 6X10	K118-9024	4
156 - 5	C5010-080141	BOLT,SOCKETHEAD 8X14	K118-9024	4
156 - 6		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		COVER	K118-9024	1
156 - 11		WIPER 60X392X4	K118-9024	1
156 - 12		PLATE	K118-9024	1
156 - 13		SCREW,PANHEAD 5X10	K118-9024	4
156 - 14		SCREW,PANHEAD 5X10	K118-9024	5
156 - 15		PLATE	K118-9024	1
156 - 16		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	Kt18-9024	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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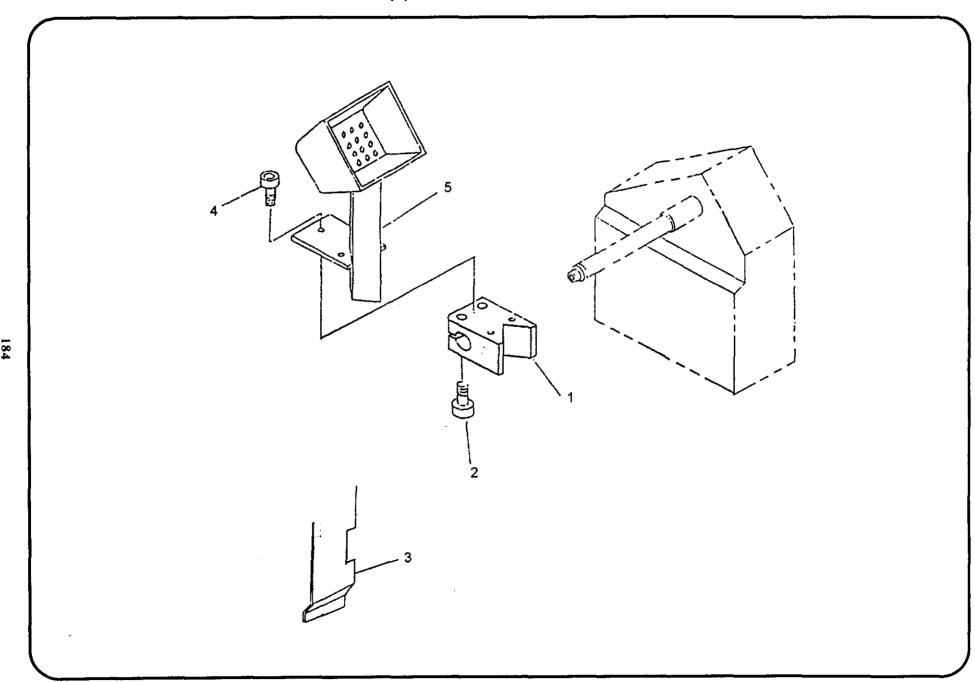
OPTION GROUP

PARTS CATCHER (1)	182
PARTS CATCHER (2)	184
PARTS CATCHER (3)	186
PARTS CATCHER (4)	188
CHUCK AIR BLOW	190



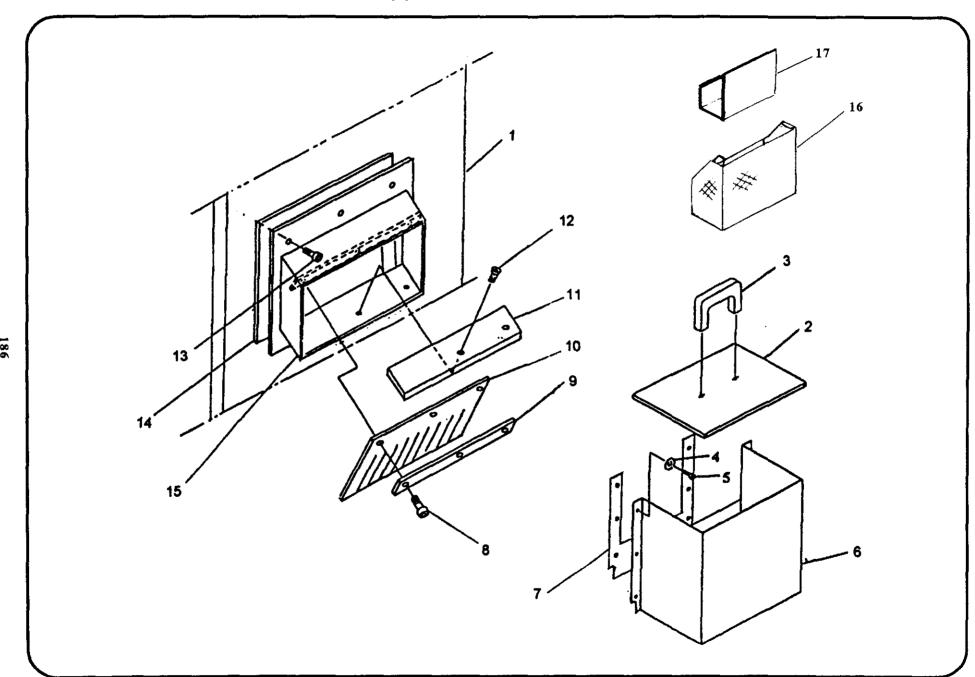
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	IN	VDEX	PART NO.	DESCRIPTION	UNIT	QTY.
160 - 1	C5140-000081	WASHER 8	K118-9115	4						
160 - 2	C5010-080251	BOLT 8X25	K118-9115	4		ı				
160 - 3	C5100-000081	NUT 8	K118-9115	4						1 1
160 - 4	C5000-080251	BOLT 8X25	K118-9115	4	1	1	'		1	
160 - 5	K118-9003-26-00	BRACKET	K118-9115	1						
160 - 6	E5535-A06-005	DUCT	K118-9115	1						
160 - 8	118-9274-43	BRACKET	K118-9115	1						1 1
160 - 9	C5010-080161	BOLT 8X16	K118-9115	3					ł.	
160 - 10	C5010-060161	BOLT 6X16	K118-9115	6					i	
160 - 11	118-9274-40	BRACKET	K118-9115	1		1			l	
160 - 12	C5040-006081	SCREW 6X8	K118-9115	4		ľ				
160 - 13	K118-9003-27-00	COVER	K118-9115	. 1						1 1
160 - 17	C5010-100201	BOLT 10X20	K118-9115	1	1	1			1	1
160 - 18	C5160-000101	SPRING WASHER 10	K118-9115	1		i				
160 - 19	125-4600-11	COLLAR	K118-9115	1						
160 - 20	M004-MB1820DU	BEARING DAIDO METAL MB1820DU	K118-9115	2						
160 - 21	C5180-000100	STOPPER	K118-9115	2		l				ļ <i>!</i>
160 - 22	H0039-0002-76	SMC CLEVIS PIN #IYG04	K118-9115	1					ľ	1 /
160 - 23	H0039-0002-75	SMC CLEVIS #YGO4	K118-9115	1		ľ				
160 - 24	H0039-0002-77	NUT SMC NTG04	K118-9115	1	ŀ	i]
160 - 25	KM0-0741-00	SMC CYLINDER #CDGTA4075B73L	K118-9115	1						
160 - 28	C5010-080251	BOLT 8X25	K118-9115	4		 			1	}
160 - 32	K118-9002-71-00	ROD	K118-9115	1						1
160 - 33	118-9274-44	BASE	K118-9115	1]]
160 - 34	C5034-006141	SET SCREW 6X14	K118-9115	1						1 1
160 - 35	C5100-000061	NUT 6	K118-9115	1			•			
160 - 36	K118-9002-73-00	ARM	K118-9115	1	1	}			Ì	1 1
160 - 37	K118-9002-72-00	TUBE	K118-9115	1			,		1	
160 - 46	F1233	NYLON TUBE 5/16" L=3000	K118-9115	2						
160 - 47	KF0-1353-00	CONNECTOR 1/8 X 8MM	K118-9115	1						
160 - 48		WASHER 6	K118-9115	6		ļ			ļ	
160 - 49		ELBOW 1/8 X 8MM	K118-9115	1						
160 - 50	KM0-0816-00	FLEX BRAID	K118-9115	1						
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OKUMA MACHINE TOOLS, INC.

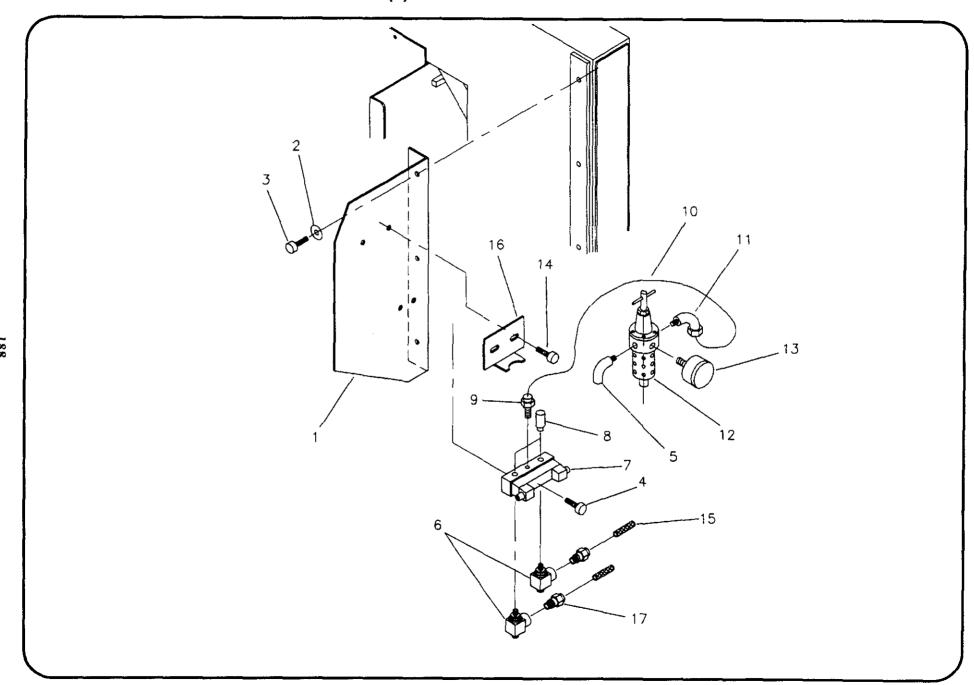
INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT
161 - 1	118-9274-47	BLOCK	K118-9115	1				
161 - 2	C5010-080251	BOLT 8X25	K118-9115	2				
161 - 3	K118-6502-08-00	CHUCK COVER	K118-9115	1				
161 -4	C501-0060161	BOLT 6X16	K118-9115	3				Ĭ
161 - 5	K118-9002-88-00	BASKET	K118-9115	1 1			·]
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
162 - 1	K118-6501-98-00	DOOR	K118-9115	1					
162 - 2	K118-9002-76-00	LID	K118-9115	1					
162 - 3	KM0-0516-00	HANDLE (M.CARR#1568A12)	K118-9115	1				1	
162 - 4	C5140-000061	WASHER 6	K118-9115	6					1
162 - 5	C5010-060101	BOLT 6X10	K118-9115	6					
162 - 6	K118-9002-78-00	BUCKET	K1 18-91 15	1					
162 - 7	KM1-1011-00	GASKET	K118-9115	1					1
162 - 8	C5010-040081	BOLT 4X8	K1 18-91 15	3					
162 - 9	K118-9002-70-00	STRIP	K118-9115	1			j		
162 - 10	K118-9002-65-00	RUBBER PAD	K118-9115	1					
162 - 11	K118-9002-74-01	PLATE	K1 18-9115	1					
162 - 12	C5050-006121	SCREW 6X12	K118-9115	2					
162 - 13	C5010-060121	BOLT 6X12	K118-9115	6					
162 - 14	K118-9002-68-00	GASKET	K118-9115	1					
162 - 15	K1 18-9002-66-01	FUNNEL	K118-9115	1					
162 - 16	K118-9002-67-00	PAIL	K118-9115	1					
162 - 17	KM1-1236-00	RUBBER SHEET	K118-9115	1					
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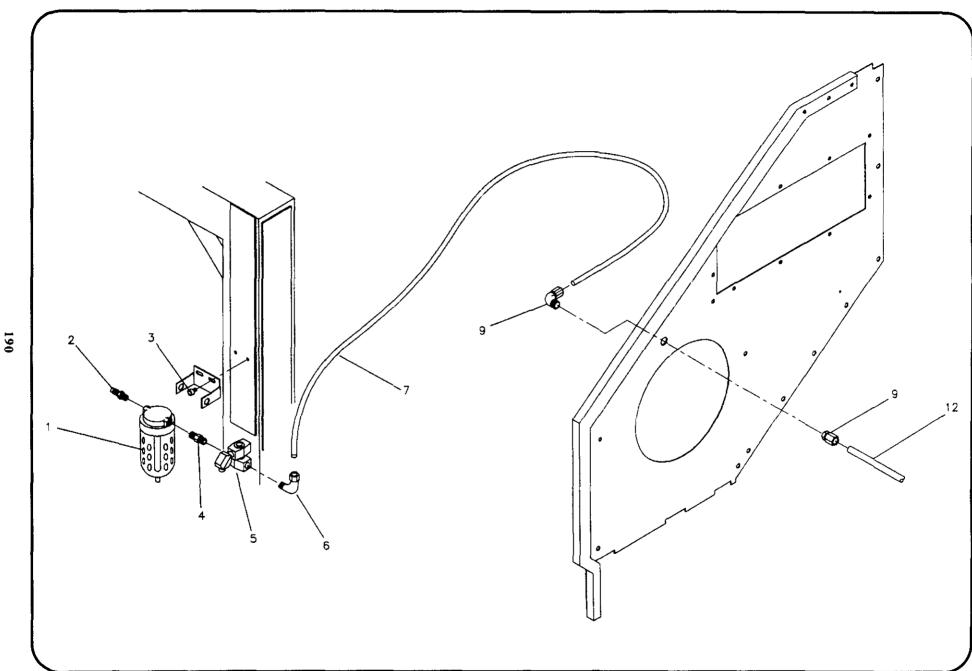
SHEET NO. 163 PARTS CATCHER (4)



OKUMA MACHINE TOOLS, INC.

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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDE	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					ŀ
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		ļ	1		
163 - 8	KF0-1257-00	MUFFLER	K118-9115	2		1		ľ	
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			1		
163 - 11	KF0-1256-00	ELBOW, 1/4 X 5/16	K118-9115	1					[
163 - 12	KF0-1258-00	FILTER-REGULATOR	K1 18-91 15	1			1		i .
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					
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INDEX	PART NO.	DESCRIPTION	UNIT	QTY.	INDEX	PART NO.	DESCRIPTION	UNIT	QTY.
165 - 1	KF0-0357-00	KIT, AIR FILTER	KRLNC8-2102	1					
165 - 2	C7785-000092	HOSE JOINT 9	KRLNC8-2102	1	\ 				[
165 - 3	C5010-060101	BOLT, SOC HD 6 X 10	KRLNC8-2102	2	1 1 1		1		
165 - 4	C7800-000112	MALE JOINT 1/4	KRLNC8-2102	1	!		1] 1
165 - 5	F0001-400-000-58	VALVE, SOLENOID CKD DC24V-03K PT 1/4	KRLNC8-2102	1			[
165 - 6	KF0-0356-00	FITTING, ELBOW SMC KFL20N-02	KRLNC8-2102	1]	1 F i]		[;
165 - 7	KF0-0355-00	HOSE, NYLON 10MM X 8M	KRLNC8-2102	1			İ		
165 - 9	KF0-0354-00	ELBOW, BULKHEAD PARKER WSV10PL	KRLNC8-2102	1					
	C7781-100400	PIPE 10 X 400	KRLNC8-2102				İ		
	 								
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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	t	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
· 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
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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	118-1 5 00-57	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	t t
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
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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

PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY	PART NO.	INDEX	QTY.	PART NO	INDEX	QTY
118-2100-93-01	26 - 11	1	118-3020-06-3	42 - 3	1	118-4001-08-3	53 - 5	1	118-4100-94-1	61 - 15	1	118-6000-10	103 - 15	1
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 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
118-2200-36-3	31 - 21	1	118-3020-35-2	42 - 18	1	118-4100-07	63 - 5	2	118-4101-09-2	63 - 13	1	118-6000-45	104 - 30	1
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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 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 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

PART NO.	INDEX	QTY	PART NO.	INDEX	QTY.	PART NO	INDEX	QTY	PART NO	INDEX	QTY	PART NO	INDEX	QTY
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M000-6209Z	12 - 22	1	M009-0019-99	11 - 21	1	X	21 - 16	6		ļ				
M001-81105T2	51 - 30	5	M009-0022-94	133 - 14	1	X	22 - 30	6						
M001-AS1102	71 - 35	4	M009-0022-95	133 - 21	1	х	51 - 17	1	ľ	i			l i	l
M001-AS1102	71 - 38	4	M009-W1680	9 - 24	1	Х	51 - 18	1						
M001-AS1105	63 - 6	1	M100-08088-04423	45 - 14	2	Х	55 - 14	1					•	
M001-AS1110	43 - 10	2	M101-08092-06025	100 - 23	1	х	78 - 13	1			,			
M001-AS1116	10 - 11	2	M101-12120-07012	134 - 9	1	Х	99 - 23	1		j .		•		
M001-AS1116	12 - 11	2	M101-16136-07220	63 - 52	1	х	99 - 25	1						
M001-AXK1102	71 - 34	4	M101-20270-01303	51 - 32	2	х	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	Х	156 - 12	1						
M001-HK1516	71 - 37	4	M109-1022-03	46 - 22	1	Х	156 - 15	1		1				
M001-K81105	63 - 7	1	M109-1022-03	105 - 22	1					ŀ				
M001-K81105	63 - 9	2	M109-1024-49	75 - 24	1									
M001-NK80/35R	10 - 13	1	M109-1024-49	104 - 24	1		j j	!						
M001-NK80/35R	12 - 13	1	M109-1027-92	92 - 12	1									
M001-WS81102	71 - 33	4	M1131-05255	1 -5	1								1 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	_				}		İ	J J	
M004-MB1820DU	160 - 20	2	M119-0008-40	132 - 15	1		1 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	ļ	1 1						} }	
M009-0012-03	13 - 18	1	T009-020-000-37	59 - 1	1				;				ŀ	
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	Х	16 - 2	1									
M009-0017-97	98 - 16	1	X	18 - 20	1								[

PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY.
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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
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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
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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
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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
C5030-006081	53 - 7	2	C5036-006081	133 - 18	4	C5040-005081	94 - 8	4	C5040-006101	72 - 17	11	C5050-006081	76 - 30	4
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C5030-006101	57 - 2	1	C5036-012161	19 - 19	1	C5040-005081	139 - 25	3	C5040-006101	76 - 14	3	C5050-006141	48 - 8	2
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C5030-008101	12 - 35	1	C5040-004081	46 - 32	4	C5040-005101	156 - 13	4	C5040-006101	82 - 14	3	C5054-006101	81 - 32	2
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C5030-010161	61 - 9	1	C5040-004081	105 - 32	4	C5040-005121	72 - 6	5	C5040-006101	99 - 16	4	C5076-000020	83 - 5	2
C5031-006101	9 - 13	1	C5040-004101	61 - 3	2	C5040-005121	72 - 16	4	C5040-006101	106 - 17	11	C5089-060151	51 - 25	1
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C5034-006081	16 - 19	1	C5040-004251	44 - 17	2	C5040-006081	27 - 26	8	C5040-006121	42 - 1	4	C5100-000061	160 - 35	1
C5034-006141	160 - 34	1	C5040-004251	44 - 18	2	C5040-006081	47 - 1	6	C5040-006121	81 - 49	2	C5100-000081	160 - 3	4
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K118-2100-21-00	27 - 51	1	K118-4001-25-01	131 - 3	1	K118-6500-48-03	78 - 22	1	K118-6501-20-00	73 - 27	1	K118-9001-39-00	156 - 22	1
K118-2200-01-01	101 - 20	1	K118-5000-02-00	104 - 4	1	K118-6500-51-00	77 - 9	1	K118-6501-61-00	156 - 26	1	K118-9001-58-00	82 - 11	1
K118-3000-01-01	101 - 2	1	K118-5000-03-05	75 - 21	1	K118-6500-52-01	106 - 1	. 1	K118-6501-62-00	156 - 24	1 1	K118-9002-65-00	162 - 10	1
K118-3000-02-01	101 - 4	1	K118-5000-05-00	104 - 21	1	K118-6500-53-02	106 - 2	1	K118-6501-98-00	. 162 - 1	1	K118-9002-66-01	162 - 15	1
K118-3000-03-01	105 - 20	4	K118-6200-01-00	92 - 3	1	K118-6500-54-02	106 - 27	1	K118-6502-08-00	161 - 3	1	K118-9002-67-00	162 - 16	1
K118-3000-04-01	105 - 43	1	K118-6200-02-00	92 - 4	1	K118-6500-55-01	106 - 3	1	K118-8000-01-00	48 - 26	1	K118-9002-68-00	162 - 14	1
K118-3000-07-09	101 - 9	1	K118-6200-03-01	75 - 25	1	K118-6500-56-01	106 - 29	1	K118-8000-05-01	22 - 4	1	K118-9002-70-00	162 - 9	1
K118-3000-10-01	97 - 24	ŧ	K118-6200-03-01	104 - 25	1	K118-6500-57-01	79 - 3	1	K118-8000-05-01	24 - 2	1	K118-9002-71-00	160 - 32	1
K118-3000-11-02	99 - 14	1	K118-6200-04-00	75 - 34	1	K118-6500-58-01	79 - 1	1	K118-8000-06-00	24 - 7	2	K118-9002-72-00	160 - 37	1
K118-3000-12-01	99 - 12	1	K118-6200-04-00	104 - 34	1	K118-6500-59-00	79 - 5	1	K118-8000-06-01	22 - 2	1	K118-9002-73-00	160 - 36	1
K118-3000-13-00	97 - 23	1	K118-6500-11-01	152 - 13	1	K118-6500-60-00	79 - 8	1	K118-8000-07-00	23 - 4	1	K118-9002-74-01	162 - 11	1
K118-3000-14-00	97 - 32	1	K118-6500-14-02	76 - 31	1	K118-6500-61-00	79 - 4	1	K118-8000-08-00	24 - 36	1	K118-9002-76-00	162 - 2	1
K118-3000-15-01	99 - 17	1	K118-6500-15-00	74 - 6	1	K118-6500-62-00	79 - 9	1	K118-8000-08-02	22 - 18	2	K118-9002-78-00	162 - 6	1
K118-3000-16-00	99 - 11	1	K118-6500-16-00	74 - 2	1	K118-6500-63-01	79 - 10	1	K118-8000-09-00	23 - 2	1	K118-9002-88-00	161 - 5	1
K118-3000-17-01	95 - 14	1	K118-6500-17-02	76 - 32	1	K118-6500-64-00	72 - 21	1	K118-8000-10-00	23 - 13	2	K118-9003-26-00	160 - 5	1
K118-3000-18-02	99 - 20	1	K118-6500-18-00	74 - 7	1	K118-6500-65-00	79 - 6	1	K118-8000-11-00	23 - 24	1	K118-9003-27-00	160 - 13	1
K118-3000-19-01	97 - 16	1	K118-6500-19-01	71 - 3	1	K118-6500-70-01	79 - 7	1	K118-9000-01-00	81 - 36	1	KD7870-010022	89 - 15	2
K118-3000-21-03	97 - 27	1	K118-6500-20-00	71 - 10	1	K118-6500-79-00	72 - 2	1	K118-9000-01-00	82 - 36	1	KD7870-010022	91 - 15	2
K118-3000-22-00	98 - 33	1	K118-6500-25-03	74 - 8	1	K118-6500-84-00	73 - 15	1	K118-9000-02-00	25 - 32	1	KD7870-010022	136 - 19	6
K118-3000-23-01	101 - 19	1	K118-6500-27-00	75 - 7	1	K118-6500-84-00	106 - 15	1	K118-9000-02-00	103 - 23	1	KD7870-010032	45 - 19	2
K118-3000-24-00	100 - 13	1	K118-6500-27-00	104 - 7	1	K118-6500-84-00	156 - 10	1	K118-9000-02-00	103 - 32	1	KD7870-010042	136 - 17	1
K118-3000-25-01	99 - 26	1	K118-6500-27-00	152 - 12	1	K118-6500-85-00	72 - 11	1	K118-9000-02-00	25 - 23	1	KD7870-020012	91 - 7	1
K118-3000-26-00	97 - 20	1	K118-6500-28-02	75 - 6	1	K118-6500-85-00	73 - 11	1	K118-9000-03-00	25 - 7	2	KD7870-020012	91 - 18	5
K118-3000-27-00	97 - 35	1	K118-6500-28-02	104 - 6	1	K118-6500-85-00	81 - 26	1	K118-9000-03-00	25 - 31	1	KD7870-020022	21 - 11	2
K118-3000-28-00	97 - 15	1	K118-6500-28-02	152 - 3	1	K118-6500-85-00	106 - 11	1	K118-9000-03-00	103 - 7	2	KD7870-020022	22 - 31	2
K118-3000-29-00	97 - 29	1	K118-6500-33-00	81 - 33	1	K118-6500-85-00	156 - 21	1	K118-9000-03-00	103 - 31	1	KD7870-020022	23 - 31	2
K118-3000-30-01	97 - 21	1	K118-6500-40-01	77 - 3	1	K118-6500-87-01	72 - 3	1	K118-9000-08-00	82 - 23	1	KD7870-020022	134 - 17	2
K118-3000-31-01	95 - 2	1	K118-6500-41-02	77 - 8	1	K118-6500-87-01	73 - 3	1	K118-9000-19-00	25 - 13	1	KD7870-020032	89 - 22	2
K118-3000-32-01	100 - 27	1	K118-6500-42-01	72 - 1	1	K118-6500-98-00	152 - 6	1	K118-9000-19-00	103 - 13	1	KD7870-020032	91 - 22	2
K118-3000-34-00	100 - 4	1	K118-6500-42-01	73 - 1	1	K118-6500-99-01	152 - 11	1	K118-9001-05-00	163 - 1	1	KD7870-020032	98 - 28	1
K118-3000-35-01	105 - 16	. 1	K118-6500-43-04	73 - 2	1	K118-6501-01-02	156 - 9	1	K118-9001-17-00	136 - 21	1	KD7870-020042	92 - 14	1
K118-3000-36-01	105 - 14	1	K118-6500-44-00	73 - 26	1	K118-6501-04-01	156 - 41	1	K118-9001-22-02	135 - 8	1	KD7870-030042	45 - 17	1
K118-4000-04-01	25 - 4	1	K118-6500-44-00	106 - 26	1 .	K118-6501-05-01	156 - 39	1	K118-9001-23-04	135 - 1	1	KE0-0073-00	15 - 10	1
K118-4000-04-01	103 - 4	1	K118-6500-46-00	73 - 21	1	K118-6501-06-01	156 - 40	2	K118-9001-24-01	136 - 2	1	KF0-0007-00	90 - 22	1
K118-4000-05-00	25 - 2	1	K118-6500-46-00	106 - 21	1	K118-6501-07-03	131 - 12	1	K118-9001-26-00	136 - 12	1	KF0-0012-02	90 - 17	1
K118-4000-05-00	103 - 2	1	K118-6500-46-00	152 - 41	1	K118-6501-12-00	152-2	1	K118-9001-32-00	136 - 11	1	KF0-0014-00	90 - 32	1

PART NO.	INDEX	QTY	PART NO.	INDEX	QTY	PART NO.	INDEX	QTY.	PART NO.	INDEX	QTY	PART NO.	INDEX	QTY.
KF0-0015-00	90 - 19	1	KF0-0378-00	90 - 14	1	KM0-0516-00	162 - 3	1	KM1-0597-00	46 - 34	1	KW118-4100-41-00	55 - 13	2
KF0-0016-00	90 - 20	1	KF0-0379-00	90 - 16	1	KM0-0741-00	160 - 25	1	KM1-0801-00	156 - 30	1	KW118-5000-04-01	25 - 24	1
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
KF0-0029-00	90 - 31	1	KF0-0385-00	90 - 29	1	KM0-1121-00	18 - 7	6	KM1-0805-00	156 - 34	1	KW118-7000-04-00	79 - 11	1
KF0-0032-00	90 - 33	2	KF0-0396-00	90 - 30	8	KM0-1122-00	18 - 9	1	KM1-0806-00	156 - 27	1	KW118-7000-04-00	78 - 21	1
KF0-0033-00	90 - 35	1	KF0-0404-00	90 - 26	1	KM0-1123-00	18 - 23	1	KM1-0807-00	156 - 28	1	KW118-7000-07-00	81 - 1	1
KF0-0035-00	90 - 34	1 1	KF0-0414-00	100 - 6	t	KM0-1124-00	18 - 22	1	KM1-0808-00	156 - 29	1	KW118-7000-07-00	82 - 1	1
KF0-0039-00	90 - 27	4	KF0-0455-00	107 - 11	1	KM0-1125-00	18 - 19	1	KM1-1011-00	162 - 7	t	KW118-7000-20-00	78 - 15	1
KF0-0048-02	45 - 18	1	KF0-0499-00	90 - 28	1	KM0-1126-00	18 - 13	1	KM1-1236-00	162 - 17	1	KW118-7000-23-01	78 - 4	1
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KF0-0048-02	107 - 13	1	KF0-0946-00	100 - 12	1	KM0-1128-00	18 - 14	1	KMI-0302-01	22 - 15	2	KW118-7100-37-00	72 - 7	1
KF0-0049-01	45 - 16	1	KF0-1092-00	18 - 6	1	KM0-1129-00	18 - 29	1	KT1-0275-00	24 - 20	1	KW118-7100-37-00	73 - 7	1
KF0-0053-00	89 - 6	1 .	KF0-1093-00	18 - 15	1	KM0-1130-00	18 - 30	1	KW118-0000-02-14	103 - 5	1	KW118-7100-37-00	106 - 7	1
KF0-0053-00	91 - 6	1	KF0-1094-00	18 - 12	1	KM0-1131-00	18 - 17	1	KW118-0100-31-01	3 - 9	1	KW118-7101-69-00	74 - 14	1
KF0-0058-00	91 - 2	2	KF0-1095-00	18 - 11	1	KM0-1131-00	18 - 31	2	KW118-0200-53-00	75 - 11	1	KW118-7102-59-01	71 - 7	1
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	KFI-0415-01	100 - 25	t	KM1-0302-00	24 - 37	1	KW118-2100-50-00	26 - 31	1	M000-6202ZZ	30 - 40	1
KF0-0300-00	92 - 1	1	KFI-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

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		ļ				
M001-81105T2	51 - 30	5	M009-0022-94	133 - 14	1	X	22 - 30	6						
M001-AS1102	71 - 35	4	M009-0022-95	133 - 21	1	х	51 - 17	1	ľ	i			l i	l
M001-AS1102	71 - 38	4	M009-W1680	9 - 24	1	Х	51 - 18	1						
M001-AS1105	63 - 6	1	M100-08088-04423	45 - 14	2	Х	55 - 14	1					•	
M001-AS1110	43 - 10	2	M101-08092-06025	100 - 23	1	х	78 - 13	1			,			
M001-AS1116	10 - 11	2	M101-12120-07012	134 - 9	1	Х	99 - 23	1		j .		•		
M001-AS1116	12 - 11	2	M101-16136-07220	63 - 52	1	х	99 - 25	1						
M001-AXK1102	71 - 34	4	M101-20270-01303	51 - 32	2	х	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	Х	156 - 12	1						
M001-HK1516	71 - 37	4	M109-1022-03	46 - 22	1	Х	156 - 15	1		1				
M001-K81105	63 - 7	1	M109-1022-03	105 - 22	1					ŀ				
M001-K81105	63 - 9	2	M109-1024-49	75 - 24	1									
M001-NK80/35R	10 - 13	1	M109-1024-49	104 - 24	1		j j	!						
M001-NK80/35R	12 - 13	1	M109-1027-92	92 - 12	1									
M001-WS81102	71 - 33	4	M1131-05255	1 -5	1								1 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	_				}		İ	J J	
M004-MB1820DU	160 - 20	2	M119-0008-40	132 - 15	1		1 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	ļ	1 1						} }	
M009-0012-03	13 - 18	1	T009-020-000-37	59 - 1	1				;				ŀ	
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	Х	16 - 2	1									
M009-0017-97	98 - 16	1	X	18 - 20	1								[