



AS-M4110

PARTS LIST

Published in April '01
5GF70770

NOTE

1. Indicate parts number and machine model when placing an order.

eg.	Parts Number	Parts Name	Machine Model	Cycle	Quantity
	5GF20180	TOP COVER	AS-M4110	60Hz	1

2. Service calls and freight will be charged separately.

3. Symbols in the "Parts Number" column.

- Parts with "●" indicates the service parts and the parts without "●" can not be supplied.

4. See the last page of this parts list for the classification of the screws in the illustrations.

Parts List

AS-M4110

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FIG. 1 HOUSING

5GF

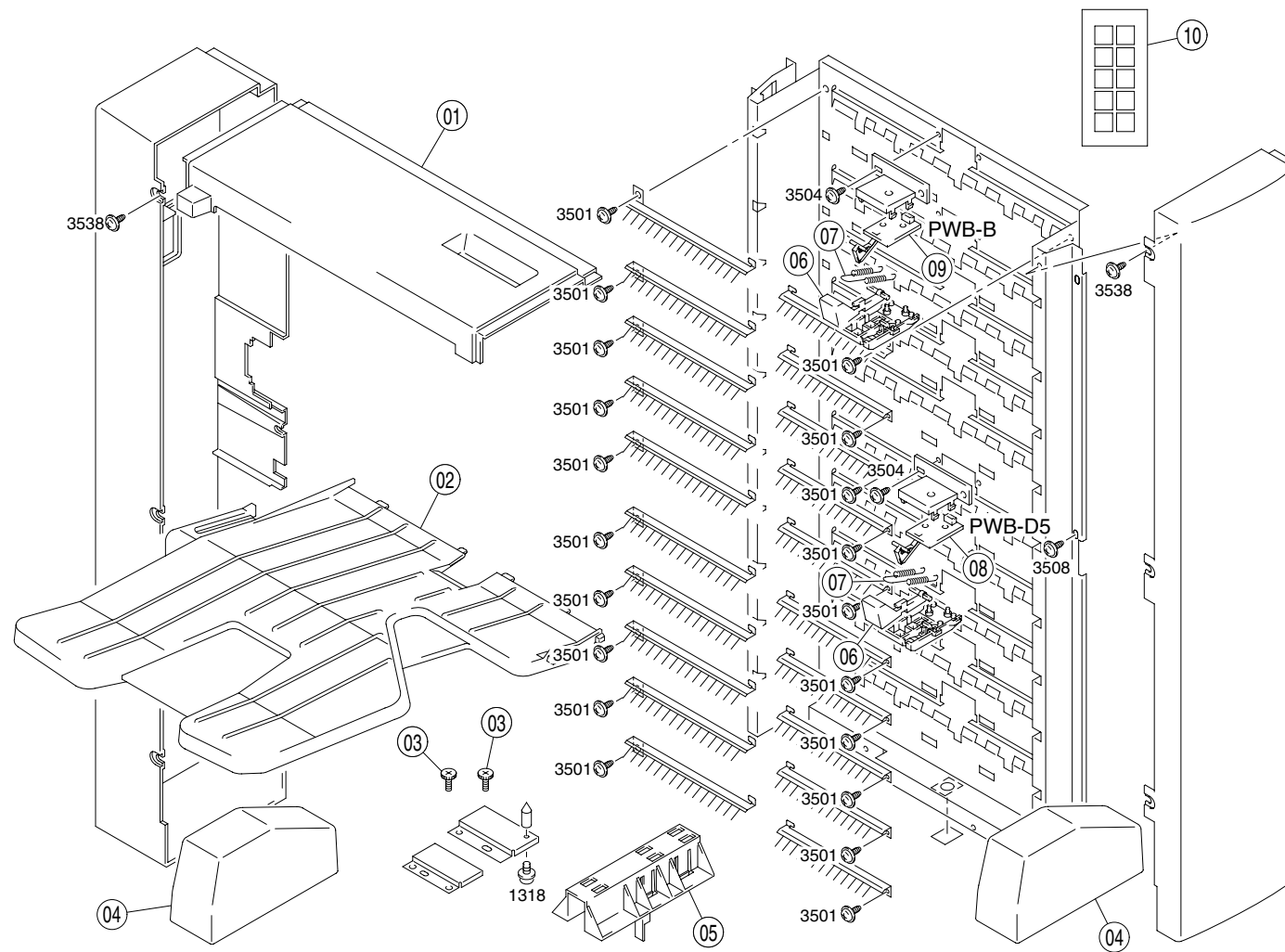


FIG. 1 HOUSING

5GF

SP	Ref. No.	Part. No.	Description	Quantity
●	1	5GF20180	TOP COVER	1
●	2	5GF10150	TRAY	10
	3	5GF20210	SCREW	2
●	4	5GF20190	COVER	2
	5	5GF20260	HOLDER	1
	6	5GF10160	LEVER	2
	7	5GF10140	TENSION SPRING	2
●	8	5GF20160	PW BOARD-D	1
●	9	5GF01020	PW BOARD-B (PWB-B)	1
●	10	5GF20460	LABEL	1

• Parts with "●" indicates the Service parts.

FIG. 2 FRAMES

5GF

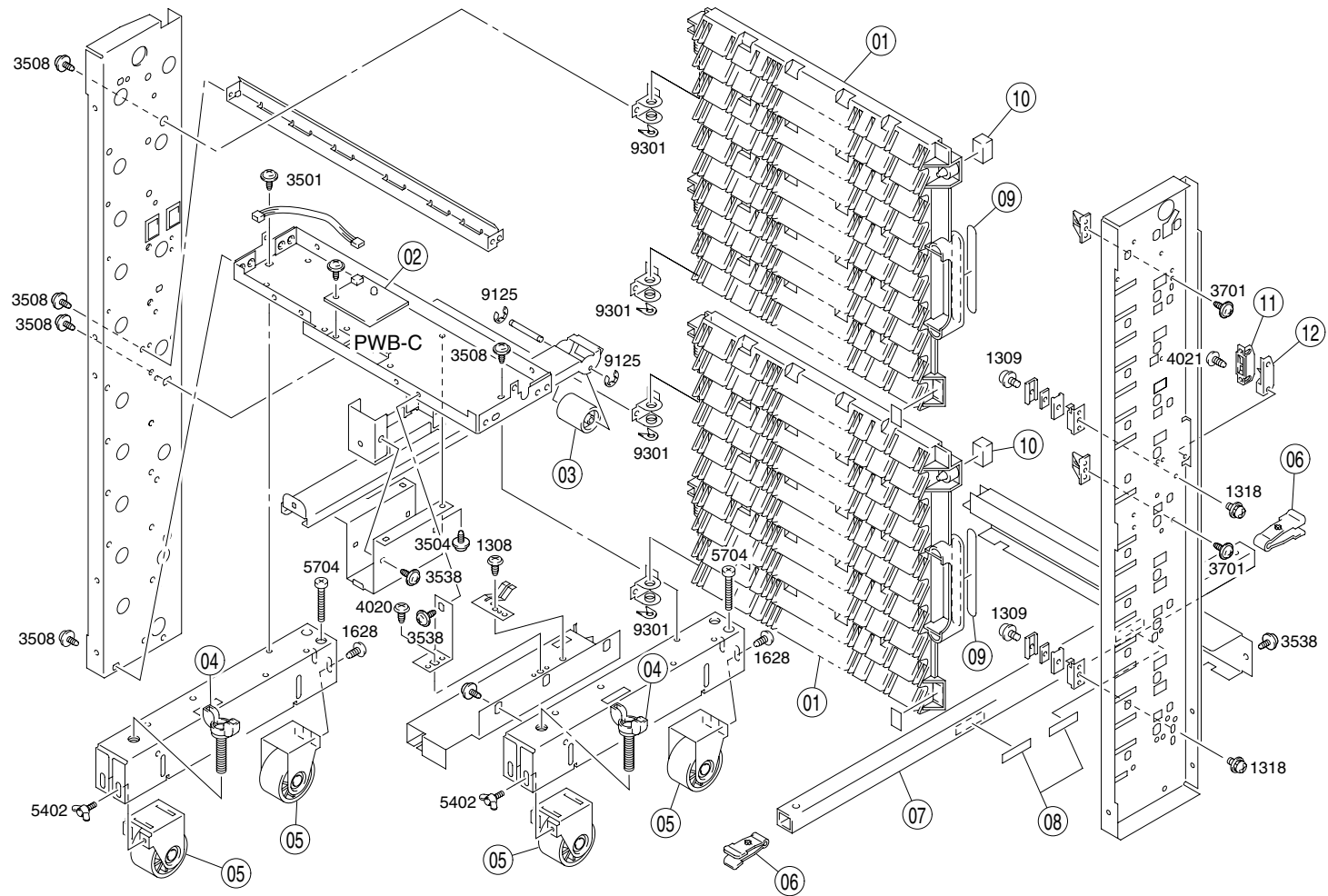


FIG. 2 FRAMES

5GF

SP	Ref. No.	Part. No.	Description	Quantity
●	1	5GF20380	GUIDE	2
●	2	5GF01030	PWB ASSY (PWB-C)	1
	3	5GF20320	ROLL	1
	4	5GF20200	BOLT	2
	5	5GF20150	CASTOR	4
	6	5GF20310	STOPPER	2
	7	5GF20480	PIPE	1
	8	5GF20470	LABEL	1
●	9	5GF20450	LABEL	2
●	10	5GF20410	CUSHION	2
	11	5GF20140	MAGNET CATCH	1
	12	5GF20240	GROUND PLATE	1

• Parts with "●" indicates the Service parts.

FIG. 3 PAPER TRANSPORT SECTION (A)

5GF

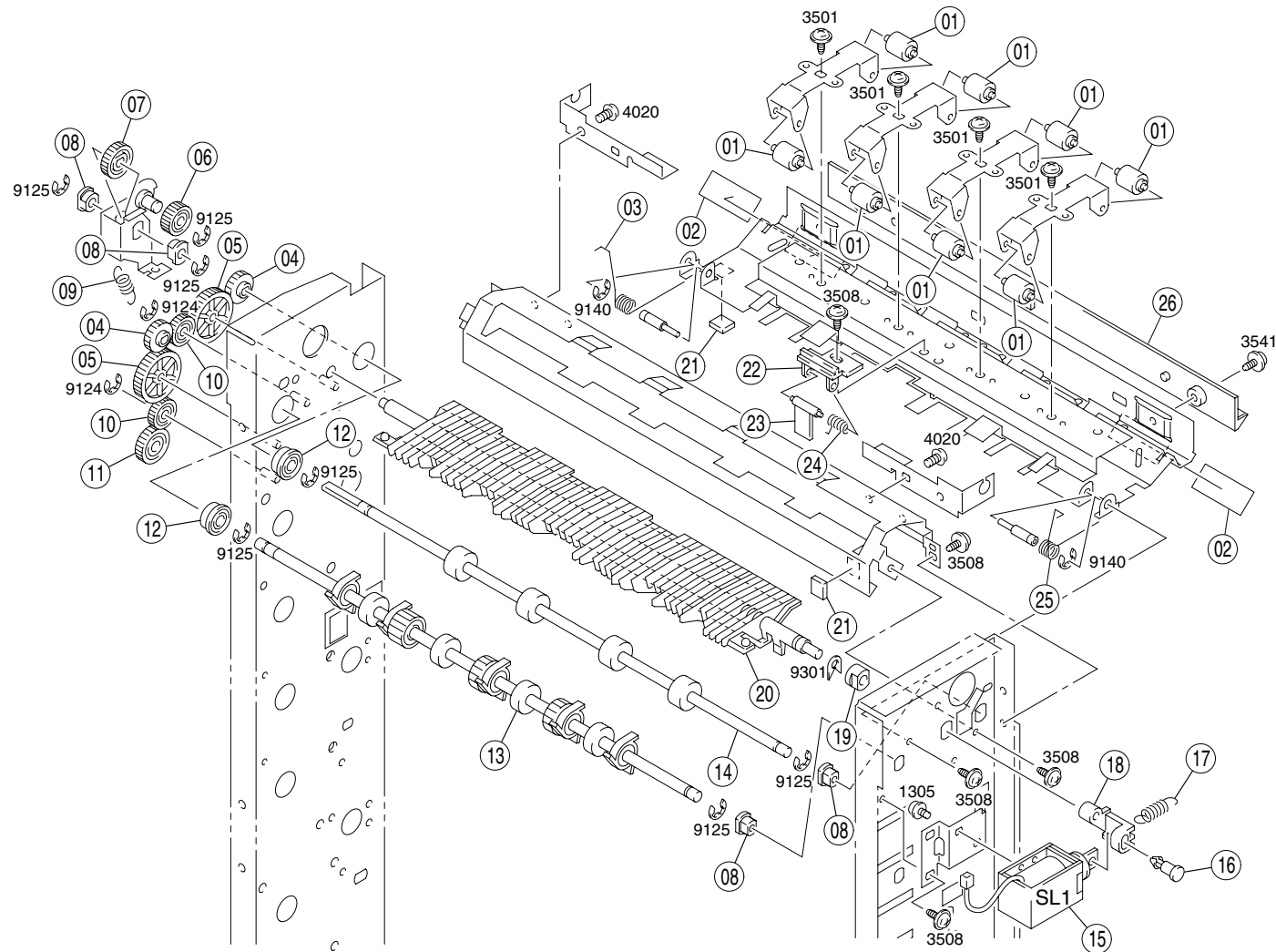


FIG. 3 PAPER TRANSPORT SECTION (A)

5GF

SP	Ref. No.	Part. No.	Description	Quantity
●	1	5GF10120	ROLL	8
	2	5GF10130	GUIDE	2
	3	5GF10070	TORSION SPRING	1
●	4	5GF20070	GEAR 17T	2
●	5	5GF20080	GEAR 37T	2
●	6	5GF20300	GEAR 18T	1
●	7	5GF20060	GEAR 20T	1
●	8	50307360	REINFORCE PLATE	4
	9	5GF20220	TENSION SPRING	1
●	10	5GF20270	GEAR	2
●	11	50107120	GEAR 19T	1
●	12	5GF20090	BALL BEARING	2
●	13	5GF10010	ROLLER	1
●	14	5GF10030	ROLLER	1
●	15	5GF20790	SOLENOID	1
	16	5GF20030	STOPPER	1
	17	5GF20340	TENSION SPRING	1
	18	5GF20400	HOLDER	1
●	19	5GF20390	BUSHING	1
	20	5GF10080	PAWL	1
	21	5GF20420	CUSHION	2
	22	5GF20040	HOLDER	1
	23	5GF20440	ACTUATOR	1
	24	5GF20100	TORSION SPRING	1
	25	5GF10060	TORSION SPRING	1
	26	5GF10090	GUIDE	1

• Parts with "●" indicates the Service parts.

FIG. 4 PAPER TRANSPORT SECTION (B)

5GF

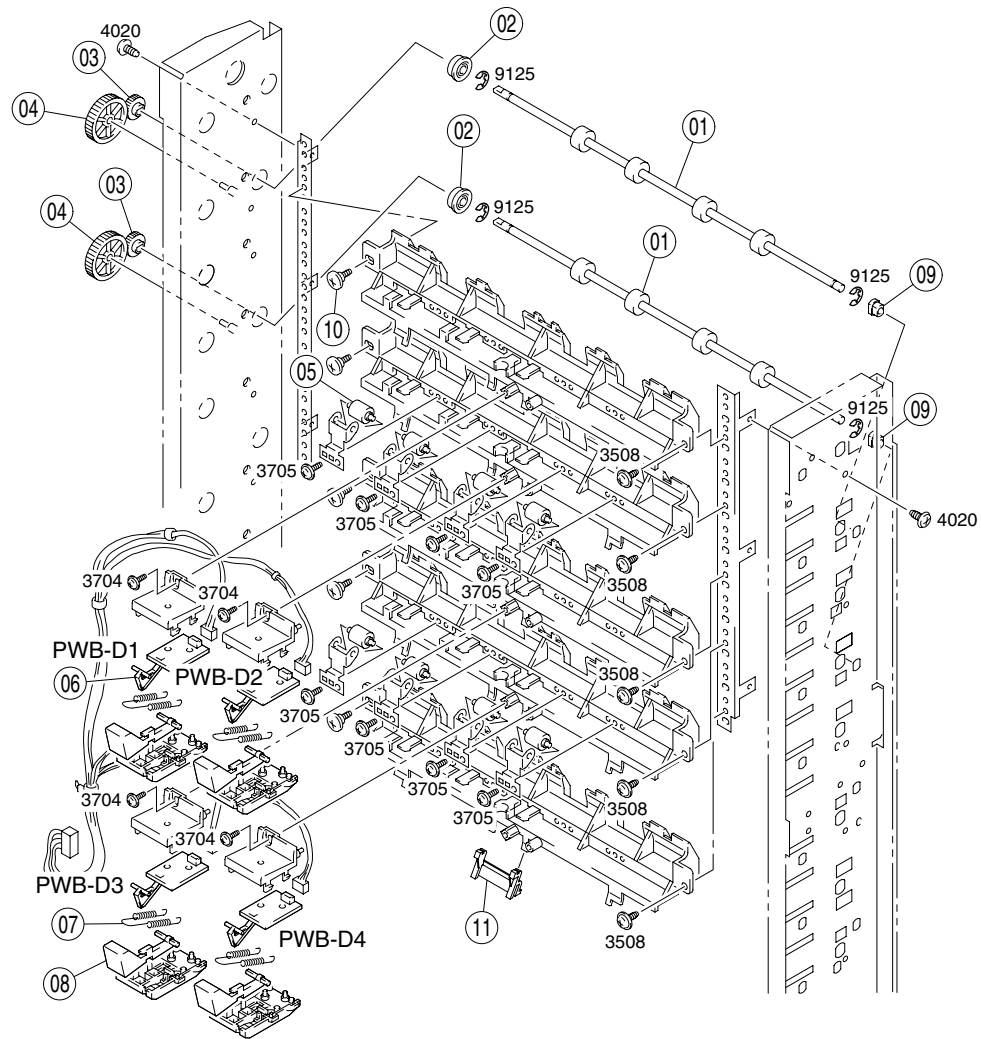


FIG. 4 PAPER TRANSPORT SECTION (B)

5GF

SP	Ref. No.	Part. No.	Description	Quantity
●	1	5GF10020	ROLLER	2
●	2	5GF20090	BALL BEARING	2
●	3	5GF20070	GEAR 17T	2
●	4	5GF20080	GEAR 37T	2
●	5	5GF10120	ROLL	8
●	6	5GF20160	PW BOARD-D	4
	7	5GF10140	TENSION SPRING	4
	8	5GF10160	LEVER	4
●	9	50307360	REINFORCE PLATE	2
	10	5GF20330	SHOULDER SCREW	5
	11	5GF10100	REINFORCE PLATE	1

• Parts with "●" indicates the Service parts.

FIG. 5 PAPER TRANSPORT SECTION (C)

5GF

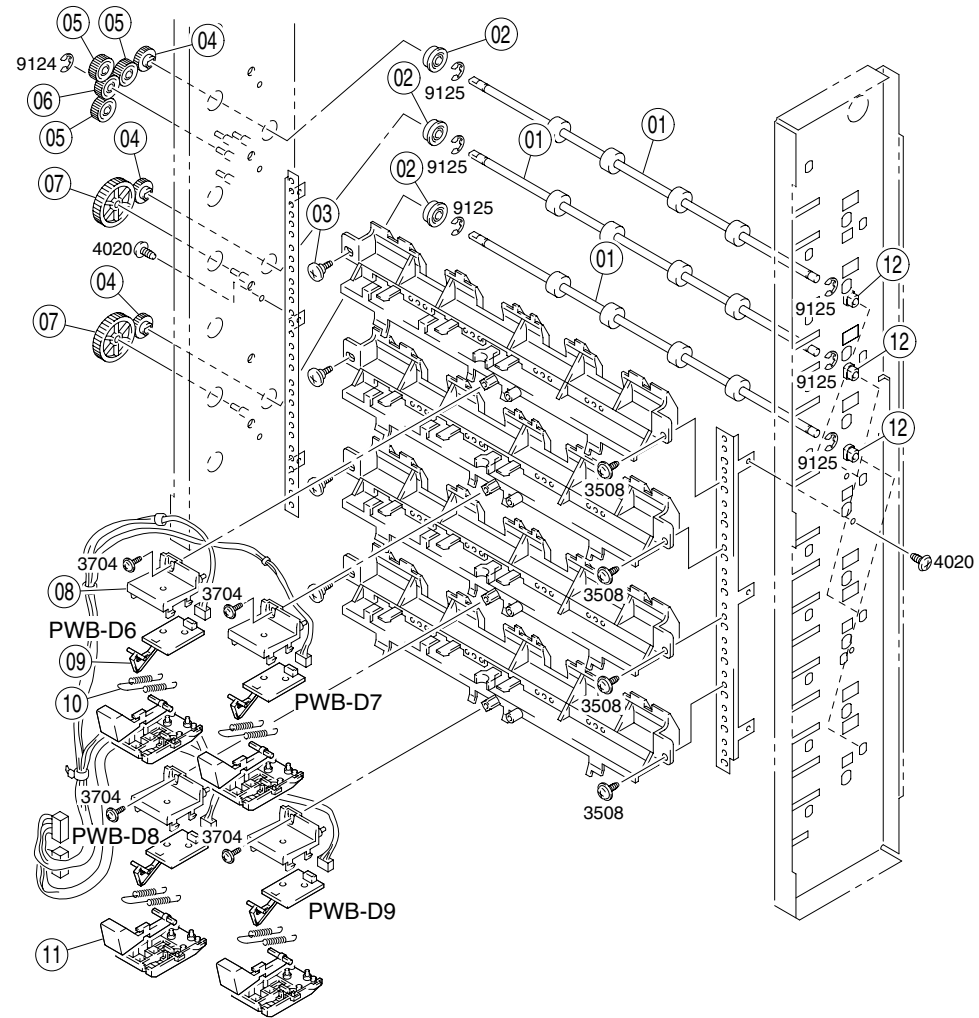


FIG. 5 PAPER TRANSPORT SECTION (C)

5GF

SP	Ref. No.	Part. No.	Description	Quantity
●	1	5GF10020	ROLLER	3
●	2	5GF20090	BALL BEARING	3
	3	5GF20330	SHOULDER SCREW	4
●	4	5GF20070	GEAR 17T	3
●	5	50107120	GEAR 19T	3
●	6	5GF20270	GEAR	1
●	7	5GF20080	GEAR 37T	2
	8	5GF20430	BRACKET	4
●	9	5GF20160	PW BOARD-D	4
	10	5GF10140	TENSION SPRING	4
	11	5GF10160	LEVER	4
●	12	50307360	REINFORCE PLATE	3

• Parts with "●" indicates the Service parts.

FIG. 6 PAPER TRANSPORT SECTION (D)

5GF

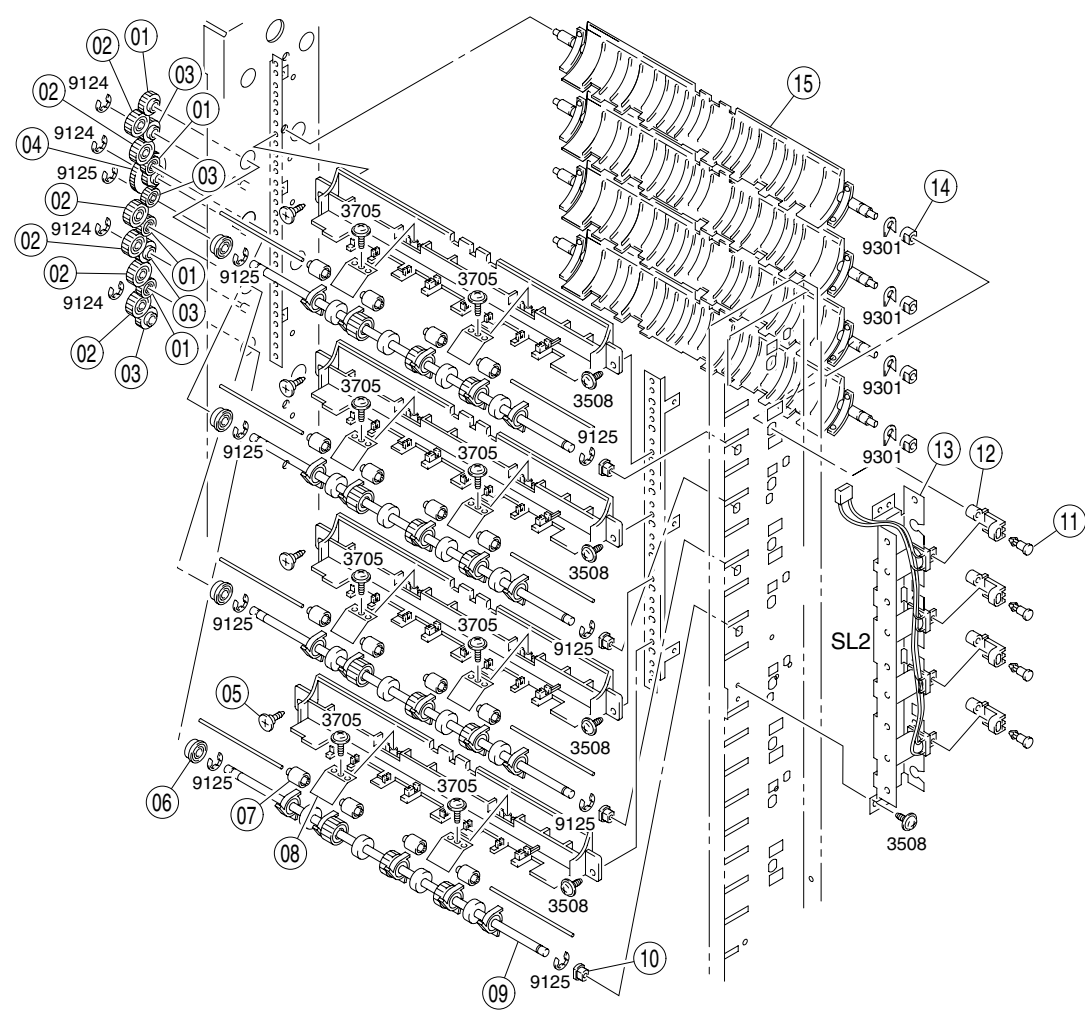


FIG. 6 PAPER TRANSPORT SECTION (D)

5GF

SP	Ref. No.	Part. No.	Description	Quantity
●	1	5GF20070	GEAR 17T	4
●	2	50107120	GEAR 19T	6
●	3	5GF20270	GEAR	4
●	4	5GF20290	GEAR	1
	5	5GF20330	SHOULDER SCREW	4
●	6	5GF20090	BALL BEARING	4
●	7	5GF10110	ROLL	16
	8	5GF10050	PLATE SPRING	8
●	9	5GF10010	ROLLER	4
●	10	50307360	REINFORCE PLATE	4
	11	5GF20030	STOPPER	4
	12	5GF20400	HOLDER	4
●	13	5GF20800	SOLENOID	1
●	14	5GF20390	BUSHING	4
	15	5GF20350	GUIDE	4

• Parts with "●" indicates the Service parts.

FIG. 7 PAPER TRANSPORT SECTION (E)

5GF

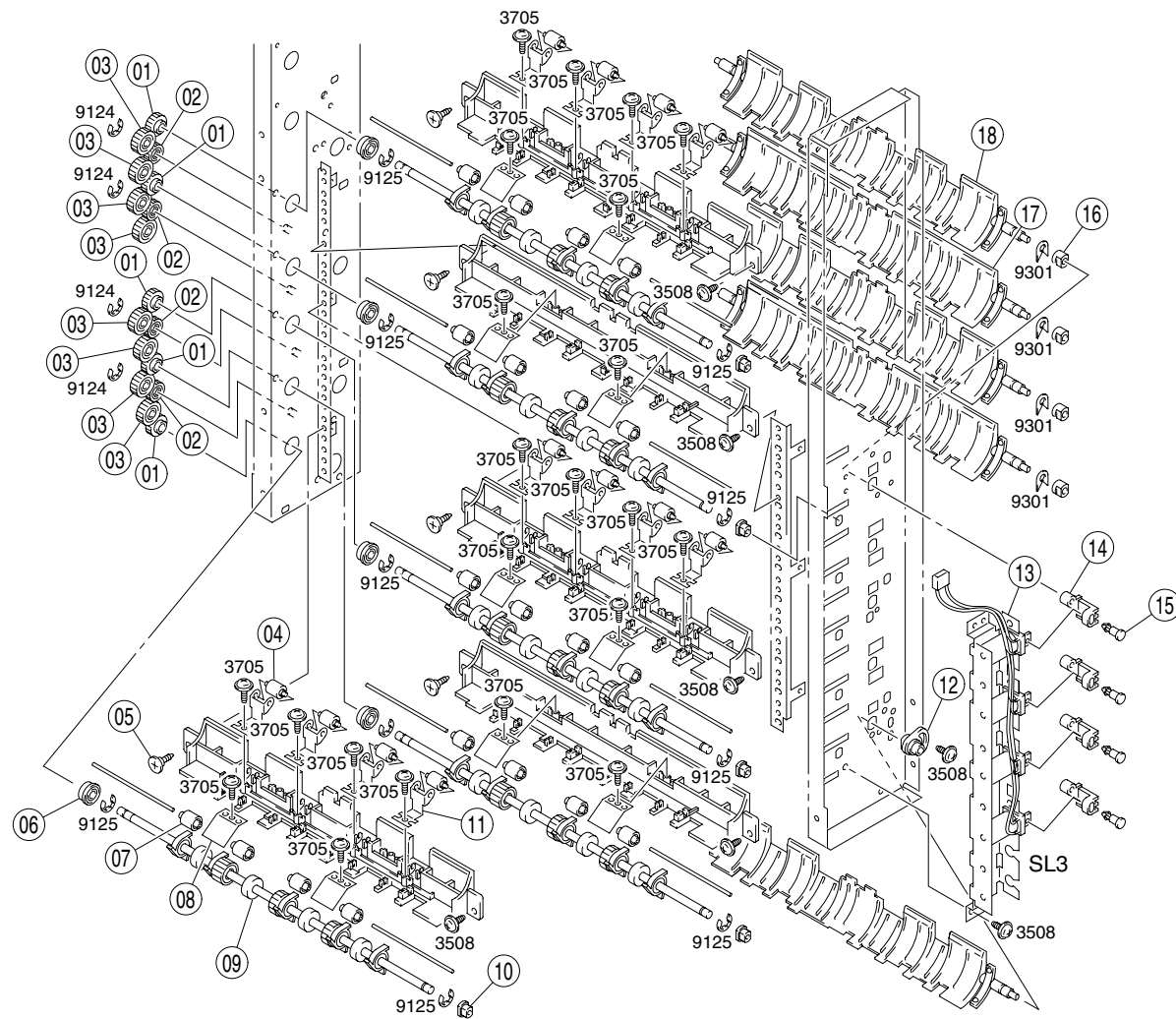


FIG. 7 PAPER TRANSPORT SECTION (E)

5GF

SP	Ref. No.	Part. No.	Description	Quantity
●	1	5GF20070	GEAR 17T	5
●	2	5GF20270	GEAR	4
●	3	50107120	GEAR 19T	8
●	4	5GF10120	ROLL	12
	5	5GF20330	SHOULDER SCREW	5
●	6	5GF20090	BALL BEARING	5
●	7	5GF10110	ROLL	20
	8	5GF10050	PLATE SPRING	10
●	9	5GF10010	ROLLER	5
●	10	50307360	REINFORCE PLATE	5
	11	5GF10040	PLATE SPRING	12
●	12	5GF20370	BUSHING	1
●	13	5GF20810	SOLENOID	1
	14	5GF20400	HOLDER	4
	15	5GF20030	STOPPER	4
●	16	5GF20390	BUSHING	4
	17	5GF20350	GUIDE	2
	18	5GF20360	GUIDE	3

• Parts with "●" indicates the Service parts.

FIG. 8 DRIVE SECTION

5GF

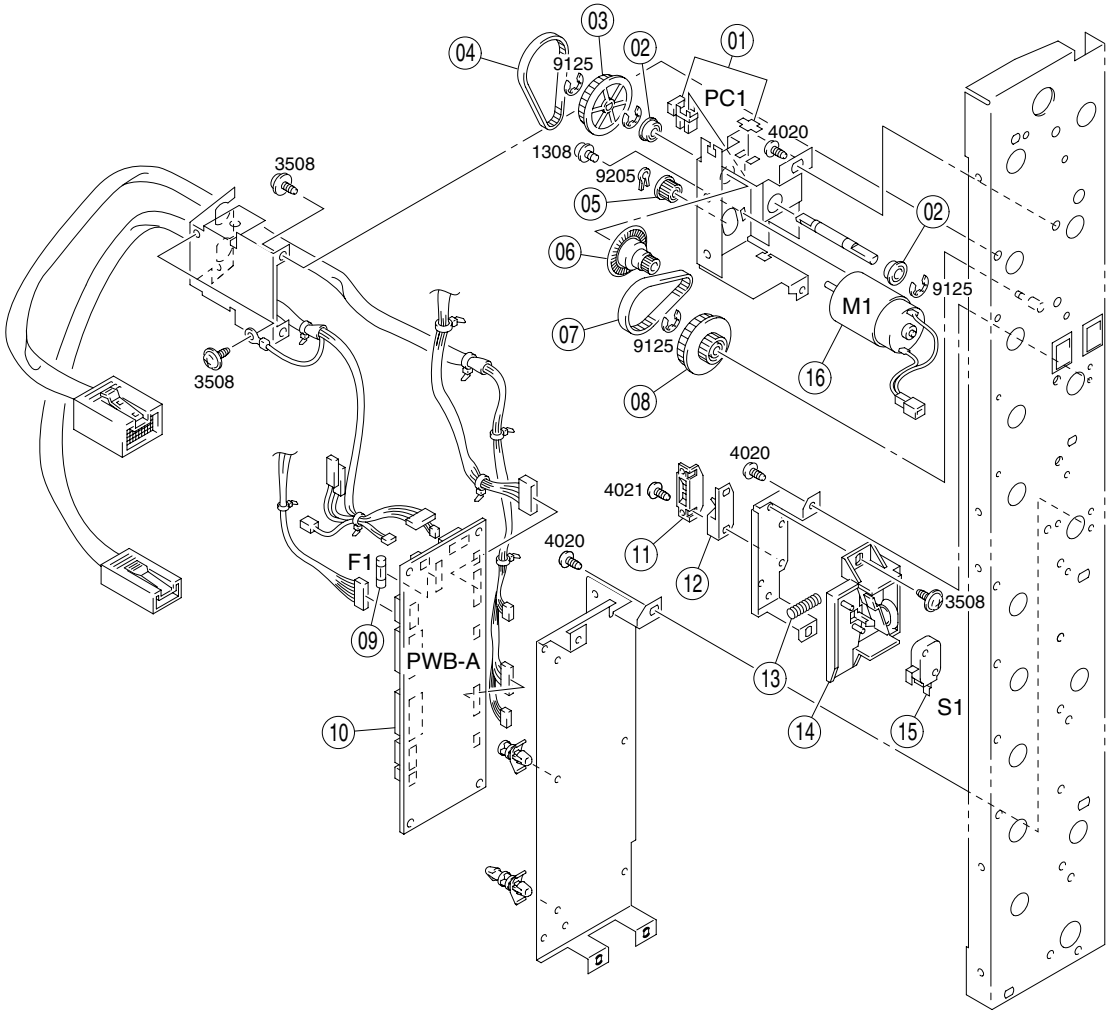


FIG. 8 DRIVE SECTION

5GF

SP	Ref. No.	Part. No.	Description	Quantity
●	1	5GF20490	PHOTO INTERRUPTER	1
●	2	50340340	BALL BEARING	2
●	3	5GF20120	PULLEY 64T	1
●	4	5GF20110	TIMING BELT	1
●	5	5GF20250	PULLEY	1
●	6	5GF20020	PULLEY 16T	1
●	7	5GF20050	TIMING BELT	1
●	8	5GF20130	PULLY GEAR 64/18T	1
●	9	50008210	FUSE 0.5A	1
●	10	5GF01010	PWB ASSY (PWB-A)	1
	11	5GF20140	MAGNET CATCH	1
	12	5GF20240	GROUND PLATE	1
	13	5GF20230	PRESSURE SPRING	1
	14	5GF20280	HOLDER	1
●	15	5GF20820	MAICRO SWITCH	1
●	16	5GF20170	MOTOR ASSY	1

• Parts with "●" indicates the Service parts.

FIG. 9 HORIZONTAL TRANSPORT UNIT

5GF

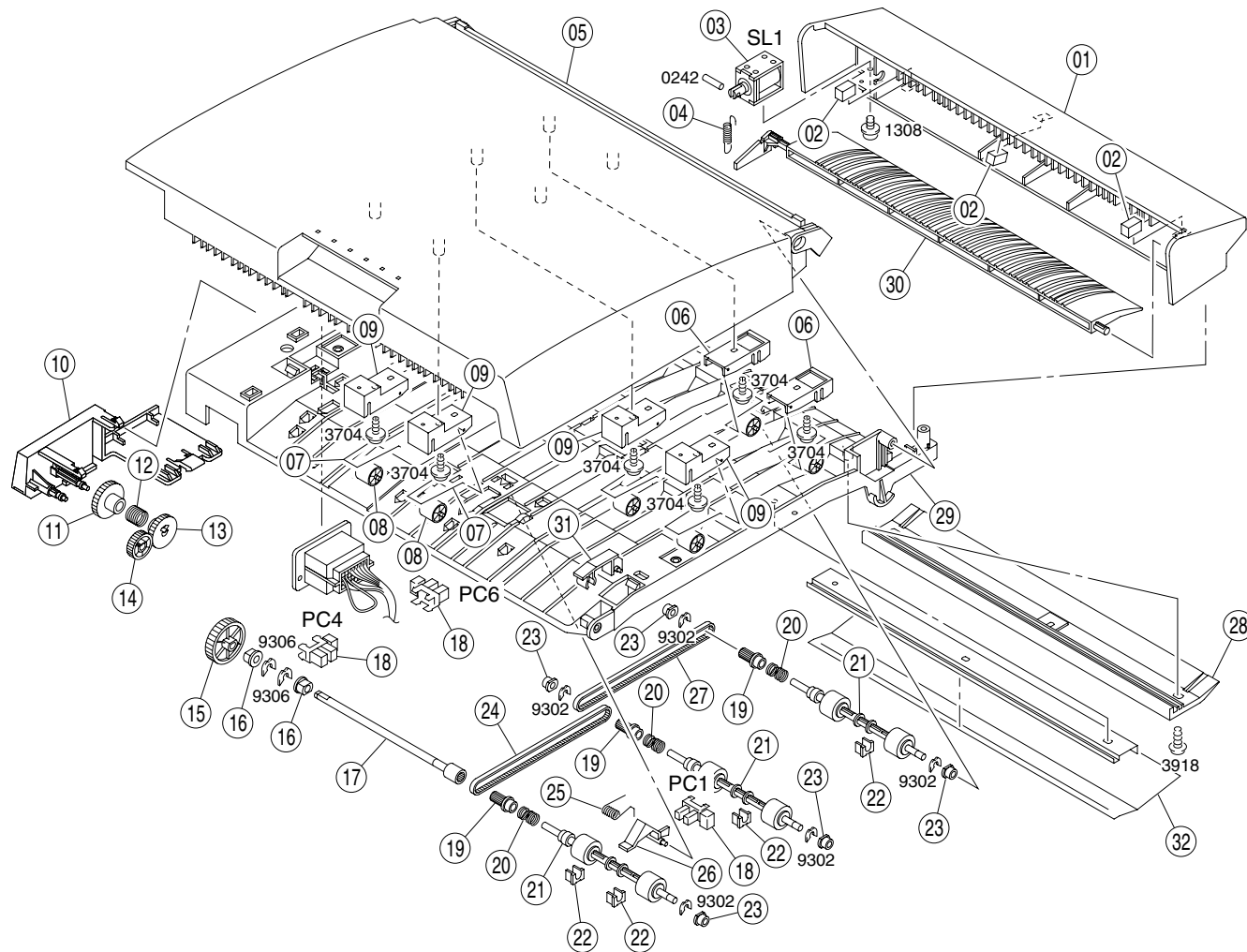


FIG. 9 HORIZONTAL TRANSPORT UNIT

5GF

SP	Ref. No.	Part. No.	Description	Quantity
●	1	5GF20520	GUIDE	1
	2	5GF20720	CUSHION	3
●	3	5GF20780	SOLENOID	1
	4	5GF20710	TENSION SPRING	1
●	5	5GF20510	GUIDE	1
	6	5GF20760	HOLDER	2
	7	5GF20670	SPRING	6
●	8	5GF20680	ROLL	6
	9	5GF20750	HOLDER	4
	10	5GF20620	HOLDER	1
●	11	5GF20650	GEAR	1
	12	5GF20640	SPRING	1
●	13	5GF20630	GEAR	1
●	14	5GF20550	GEAR	1
●	15	5GF20560	GEAR	1
●	16	50327140	BUSHING	2
	17	5GF20570	JOINT	1
●	18	5GF20830	PHOTO INTERRUPTER	3
●	19	5GF20590	PULLEY	3
	20	5GF20580	TORSION SPRING	3
●	21	5GF20660	ROLLER	3
●	22	5GF20690	BUSHING	4
●	23	5GF20010	BUSHING	5
●	24	5GF20600	TIMING BELT	1
	25	5GF20740	TORSION SPRING	1
	26	5GF20730	ACTUATOR	1
●	27	5GF20610	TIMING BELT	1
	28	5GF20530	REINFORCE PLATE	1
	29	5GF20500	GUIDE	1
	30	5GF20700	PAWL	1
	31	5GF20770	4664-4001-01	1
	32	5GF20540	GUIDE	1

• Parts with "●" indicates the Service parts.

FIG. 10 WIRING ACCESSORIES AND JIGS

5GF

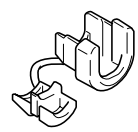
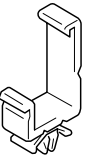
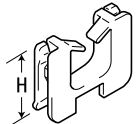
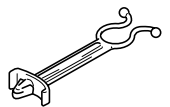
01	08,09							
								
02-04								
								
05								
								
06								
								
07								
								

FIG. 10 WIRING ACCESSORIES AND JIGS

5GF

SP	Ref. No.	Part. No.	Description	Quantity
	1	50354170	WIRING SADDLE 5.2H	10
	2	50354200	LOCKING WIRE SADDLE	9
	3	50354260	WIRING SADDLE 27H	5
	4	50354210	WIRING SADDLE 16.8H	2
	5	50354300	WIRING SADDLE 36.1H	2
	6	5BL10460	WIRING SADDLE	2
	7	50211400	CABLE TIE 104L	1
	8	5GF20840	CORD BUSHING	1
	9	50106040	CORD BUSHING	1

• Parts with "●" indicates the Service parts.

INDEX

SP	Part. No.	Description	Quantity	Fig. No.
	5BL10460	WIRING SADDLE	2	10
●	5GF01010	PWB ASSY (PWB-A)	1	8
●	5GF01020	PW BOARD-B (PWB-B)	1	1
●	5GF01030	PWB ASSY (PWB-C)	1	2
●	5GF10010	ROLLER	10	3,6,7
●	5GF10020	ROLLER	5	4,5
●	5GF10030	ROLLER	1	3
	5GF10040	PLATE SPRING	12	7
	5GF10050	PLATE SPRING	18	6,7
	5GF10060	TORSION SPRING	1	3
	5GF10070	TORSION SPRING	1	3
	5GF10080	PAWL	1	3
	5GF10090	GUIDE	1	3
	5GF10100	REINFORCE PLATE	1	4
●	5GF10110	ROLL	36	6,7
●	5GF10120	ROLL	28	3,4,7
	5GF10130	GUIDE	2	3
	5GF10140	TENSION SPRING	10	1,4,5
●	5GF10150	TRAY	10	1
	5GF10160	LEVER	10	1,4,5
●	5GF20010	BUSHING	5	9
●	5GF20020	PULLEY 16T	1	8
	5GF20030	STOPPER	9	3,6,7
	5GF20040	HOLDER	1	3
●	5GF20050	TIMING BELT	1	8
●	5GF20060	GEAR 20T	1	3
●	5GF20070	GEAR 17T	16	3,4,5,6,7
●	5GF20080	GEAR 37T	6	3,4,5
●	5GF20090	BALL BEARING	16	3,4,5,6,7
	5GF20100	TORSION SPRING	1	3
●	5GF20110	TIMING BELT	1	8
●	5GF20120	PULLEY 64T	1	8
●	5GF20130	PULLY GEAR 64/18T	1	8
	5GF20140	MAGNET CATCH	2	2,8
	5GF20150	CASTOR	4	2
●	5GF20160	PW BOARD-D	9	1,4,5
●	5GF20170	MOTOR ASSY	1	8
●	5GF20180	TOP COVER	1	1
●	5GF20190	COVER	2	1
	5GF20200	BOLT	2	2

5GF

SP	Part. No.	Description	Quantity	Fig. No.
	5GF20210	SCREW	2	1
	5GF20220	TENSION SPRING	1	3
	5GF20230	PRESSURE SPRING	1	8
	5GF20240	GROUND PLATE	2	2,8
●	5GF20250	PULLEY	1	8
	5GF20260	HOLDER	1	1
●	5GF20270	GEAR	11	3,5,6,7
	5GF20280	HOLDER	1	8
●	5GF20290	GEAR	1	6
●	5GF20300	GEAR 18T	1	3
	5GF20310	STOPPER	2	2
	5GF20320	ROLL	1	2
	5GF20330	SHOULDER SCREW	18	4,5,6,7
	5GF20340	TENSION SPRING	1	3
	5GF20350	GUIDE	6	6,7
	5GF20360	GUIDE	3	7
●	5GF20370	BUSHING	1	7
●	5GF20380	GUIDE	2	2
●	5GF20390	BUSHING	9	3,6,7
	5GF20400	HOLDER	9	3,6,7
●	5GF20410	CUSHION	2	2
	5GF20420	CUSHION	2	3
	5GF20430	BRACKET	4	5
	5GF20440	ACTUATOR	1	3
●	5GF20450	LABEL	2	2
●	5GF20460	LABEL	1	1
	5GF20470	LABEL	1	2
	5GF20480	PIPE	1	2
●	5GF20490	PHOTO INTERRUPTER	1	8
	5GF20500	GUIDE	1	9
●	5GF20510	GUIDE	1	9
●	5GF20520	GUIDE	1	9
	5GF20530	REINFORCE PLATE	1	9
	5GF20540	GUIDE	1	9
●	5GF20550	GEAR	1	9
●	5GF20560	GEAR	1	9
	5GF20570	JOINT	1	9
	5GF20580	TORSION SPRING	3	9
●	5GF20590	PULLEY	3	9
●	5GF20600	TIMING BELT	1	9

• Parts with "●" indicates the Service parts.

SP	Part. No.	Description	Quantity	Fig. No.
●	5GF20610	TIMING BELT	1	9
	5GF20620	HOLDER	1	9
●	5GF20630	GEAR	1	9
	5GF20640	SPRING	1	9
●	5GF20650	GEAR	1	9
●	5GF20660	ROLLER	3	9
	5GF20670	SPRING	6	9
●	5GF20680	ROLL	6	9
●	5GF20690	BUSHING	4	9
	5GF20700	PAWL	1	9
	5GF20710	TENSION SPRING	1	9
	5GF20720	CUSHION	3	9
	5GF20730	ACTUATOR	1	9
	5GF20740	TORSION SPRING	1	9
	5GF20750	HOLDER	4	9
	5GF20760	HOLDER	2	9
	5GF20770	4664-4001-01	1	9
●	5GF20780	SOLENOID	1	9
●	5GF20790	SOLENOID	1	3
●	5GF20800	SOLENOID	1	6
●	5GF20810	SOLENOID	1	7
●	5GF20820	MAICRO SWITCH	1	8
●	5GF20830	PHOTO INTERRUPTER	3	9
	5GF20840	CORD BUSHING	1	10
●	50008210	FUSE 0.5A	1	8
	50106040	CORD BUSHING	1	10
●	50107120	GEAR 19T	18	3,5,6,7
	50211400	CABLE TIE 104L	1	10
●	50307360	REINFORCE PLATE	18	3,4,5,6,7
●	50327140	BUSHING	2	9
●	50340340	BALL BEARING	2	8
	50354170	WIRING SADDLE 5.2H	10	10
	50354200	LOCKING WIRE SADDLE	9	10
	50354210	WIRING SADDLE 16.8H	2	10
	50354260	WIRING SADDLE 27H	5	10
	50354300	WIRING SADDLE 36.1H	2	10

• Parts with "●" indicates the Service parts.

CLASSIFICATION OF THE SCREWS IN ILLUSTRATION

<u>REF.</u>	<u>ITEM #</u>	<u>DESCRIPTION</u>
0242	5GF20900	SPRING ROLL PIN
1305	50355160	SCREW M3X6 (P-ZN(C))
1308	50355170	SCREW M3X8(P-ZN(C))
1309	50355180	SCREW M3X10 (P-ZN(C))
1318	50355230	SCREW M4X8 (P-ZN(C))
1628	5GF20850	SCREW
3501	50355570	TAPPING SCREW M3X6(P-ZN(C))
3504	50355590	TAPPING SCREW M3X8(P-ZN(C))
3508	50355620	TAPPING SCREW M4X8(P-ZN(C))
3538	50355670	TAPPING SCREW M4X8(P-CD)
3541	5F931400	TAPPING SCREW
3701	50355680	TAPPING SCREW M4X8(P-ZN(C))
3704	50355700	TAPPING SCREW M3X8(P-ZN(C))
3705	50355710	TAPPING SCREW M3X6(P-ZN(C))
3918	5BM09960	TAPPING SCREW M4X8(P-ZN(C))
4020	50355820	TAPPING SCREW M4X8(P-CD)
4021	50355830	TAPPING SCREW M3X8(P-CD)
5402	5GF20860	BOLT
5704	5GF20890	BOLT
9124	50356380	RETAINING RING E-3(P-ZN(C))
9125	50356050	RETAINING RING E-4(P-ZN(C))
9140	5F931350	WASHER
9205	5GF20870	RETAINING RING
9301	50356060	RETAINING RING M11X51(P-NI)
9302	50356070	RETAINING RING M30X1(P-NI)
9306	5GF20880	STOP RING

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