

PARTS CATALOG

Inner Finisher-D1

Canon

Dec 2 2014

PREFACE

This Parts Catalog contains listings of parts used

Diagrams are provided with the listings to aid the service technician in identifying clearly, the item to be ordered.

Whenever ordering parts, consult this Parts Catalog for all of the information pertaining to each item. Be sure to include, in the Parts Request, the full item description, the item part number, and the quantity.

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Use of this manual should be strictly supervised to avoid disclosure of confidential information.

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4A3-1643-000	M16 - 21	FC9-6423-000	M50 - 3	FC9-6659-000	M16 - 24
4F8-0351-000	M10 - 7	FC9-6424-000	M50 - 4	FC9-6678-000	M13 - 32
4S3-1024-000	M16 - 10	FC9-6425-000	M50 - 5	FC9-7395-000	M10 - 14
4S3-1024-000	M50 - 1	FC9-6426-000	M50 - 6	FC9-8020-000	M36 - 3
FC0-4635-000	M10 - 3	FC9-6429-000	M50 - 7	FC9-8026-010	M35 - 4
FC0-4639-000	M10 - 2	FC9-6437-010	M50 - 8	FC9-8027-010	M35 - 3
FC0-4640-000	M11 - 3	FC9-6438-000	M51 - 1	FC9-8364-000	M11 - 7
FC0-4641-000	M11 - 4	FC9-6439-000	M51 - 2	FE2-1644-000	M12 - 45
FC0-4642-010	M10 - 11	FC9-6442-010	M51 - 4	FE4-4236-000	M12 - 47
FC0-4643-010	M10 - 12	FC9-6456-000	M50 - 9	FK2-8750-000	M13 - 27
FC0-4646-000	M10 - 16	FC9-6458-000	M50 - 28	FK2-8751-000	M12 - 42
FC0-4651-010	M37 - 7	FC9-6461-000	M40 - 1	FK2-8752-000	M12 - 9
FC0-4653-000	M51 - 5	FC9-6462-010	M40 - 15	FK2-8752-000	M50 - 12
FC3-0661-000	M13 - 3	FC9-6463-000	M40 - 2	FK2-8753-000	M12 - 22
FC3-0661-000	M37 - 2	FC9-6464-000	M40 - 3	FK2-8754-000	M16 - 27
FC5-4425-000	M12 - 3	FC9-6465-000	M40 - 4	FK2-8755-000	M12 - 43
FC5-4425-000	M36 - 1	FC9-6471-010	M40 - 5	FK2-8758-000	M40 - 10
FC5-4425-000	M38 - 1	FC9-6472-020	M40 - 6	FK2-8762-000	M13 - 14
FC5-4425-000	M50 - 2	FC9-6473-000	M40 - 7	FL3-2970-000	M12 - 46
FC5-4546-000	M40 - 17	FC9-6476-000	M40 - 8	FL3-2971-010	M51 - 6
FC5-4697-000	M12 - 4	FC9-6479-000	M13 - 9	FL3-3559-000	M38 - 5
FC5-4697-000	M35 - 1	FC9-6480-020	M11 - 1	FL3-3560-000	M12 - 10
FC5-4697-000	M38 - 2	FC9-6487-010	M13 - 29	FL3-3569-000	M30 - 3
FC9-6298-000	M36 - 2	FC9-6488-000	M13 - 10	FL3-3658-010	M35 - 2
FC9-6310-000	M12 - 23	FC9-6493-010	M13 - 11	FL3-4297-030	M30 - 1
FC9-6311-000	M37 - 8	FC9-6494-000	M40 - 9	FL3-4300-010	M30 - 5
FC9-6318-000	M12 - 24	FC9-6499-000	M13 - 12	FL3-4301-010	M30 - 4
FC9-6330-000	M37 - 9	FC9-6500-000	M13 - 13	FL3-4623-010	M11 - 2
FC9-6338-000	M12 - 34	FC9-6503-000	M13 - 43	FL3-4624-010	M16 - 3
FC9-6339-000	M12 - 35	FC9-6505-000	M13 - 23	FL3-4626-020	M35 - 5
FC9-6340-000	M12 - 36	FC9-6514-000	M31 - 8	FL3-6020-000	M10 - 6
FC9-6341-020	M12 - 37	FC9-6515-000	M31 - 4	FL3-6021-000	M10 - 13
FC9-6345-000	M12 - 25	FC9-6519-000	M50 - 10	FL3-6024-000	M35 - 7
FC9-6346-000	M12 - 26	FC9-6520-000	M50 - 11	FL3-6025-000	M35 - 14
FC9-6352-010	M38 - 3	FC9-6521-000	M16 - 11	FL3-6026-000	M35 - 8
FC9-6355-000	M12 - 5	FC9-6527-000	M16 - 12	FL3-6027-000	M35 - 15
FC9-6368-000	M35 - 9	FC9-6536-000	M16 - 23	FL3-6028-000	M51 - 3
FC9-6370-010	M35 - 10	FC9-6546-000	M16 - 13	FL3-6029-000	M31 - 1
FC9-6371-000	M38 - 4	FC9-6547-000	M16 - 14	FL3-6030-000	M31 - 3
FC9-6372-000	M12 - 6	FC9-6555-000	M16 - 2	FL3-6038-000	M37 - 4
FC9-6373-000	M12 - 7	FC9-6557-000	M16 - 4	FL3-6039-000	M37 - 6
FC9-6378-000	M12 - 8	FC9-6566-000	M16 - 7	FL3-6040-000	M37 - 3
FC9-6382-000	M35 - 11	FC9-6567-000	M16 - 8	FL3-6041-000	M36 - 5
FC9-6389-020	M11 - 5	FC9-6572-010	M13 - 24	FL3-6042-000	M36 - 4
FC9-6390-010	M11 - 6	FC9-6573-010	M13 - 25	FL3-6043-010	M30 - 2
FC9-6395-000	M12 - 38	FC9-6574-000	M10 - 8	FL3-6044-000	M10 - 5
FC9-6398-000	M36 - 6	FC9-6605-000	M90 - 5	FL3-6046-000	M31 - 2
FC9-6399-000	M36 - 7	FC9-6606-000	M90 - 1	FL3-8293-000	M12 - 1
FC9-6408-000	M13 - 33	FC9-6617-000	M13 - 1	FM4-2125-000	M40 - 12
FC9-6412-000	M13 - 5	FC9-6621-000	M13 - 30	FM4-2135-000	M13 - 44
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FM4-2139-000	M40 - 13	FU8-0936-000	M13 - 38	VS1-7454-003	M90 - 4
FM4-2140-000	M40 - 14	FU8-0937-000	M13 - 39	VS1-7454-004	M12 - 19
FM4-2143-000	M11 - 13	FU8-0938-000	M50 - 20	VS1-7454-004	M50 - 26
FM4-2152-000	M11 - 11	FU8-0941-000	M16 - 9	WG8-5836-000	M12 - 20
FM4-2710-010	M40 - 16	FU8-0942-000	M16 - 16	WG8-5836-000	M13 - 20
FM4-2718-000	M38 -	FU8-0947-000	M16 - 17	WG8-5836-000	M16 - 19
FM4-5051-000	M13 - 26	FU8-0948-000	M16 - 6	WG8-5836-000	M31 - 6
FM4-5059-000	M16 - 5	FU8-2388-000	M12 - 30	WG8-5836-000	M50 - 25
FM4-6378-000	M13 - 22	FU8-2389-000	M30 - 6	XA9-1386-000	M10 - 1
FM4-9092-000	M16 -	FU8-2391-000	M12 - 31	XA9-1386-000	M11 - 12
FM4-9097-000	M10 - 15	FU8-2392-000	M30 - 7	XD1-1106-215	M16 - 503
FM4-9099-010	M35 -	FU8-2393-010	M12 - 39	XD1-1106-215	M50 - 503
FM4-9101-000	M50 -	FU8-2394-010	M12 - 40	XD1-1108-239	M16 - 502
FM4-9102-000	M51 - 8	FU8-2395-000	M38 - 8	XD1-4200-302	M13 - 501
FM4-9103-000	M51 - 9	FU8-2396-000	M35 - 12	XD3-2160-082	M50 - 501
FM4-9104-000	M31 -	FU8-2397-000	M38 - 9	XD3-2200-082	M37 - 501
FM4-9116-010	M30 -	FU8-2398-000	M35 - 13	XD3-2200-102	M12 - 501
FM4-9286-000	M90 - 2	FU8-2399-020	M11 - 8	XD3-2200-102	M16 - 501
FS5-1805-000	M12 - 2	FU8-2400-000	M37 - 10	XD3-2200-102	M35 - 501
FS5-1805-000	M16 - 1	FU8-2401-000	M30 - 8	XD3-2200-102	M38 - 501
FS5-1805-000	M50 - 27	FU8-2413-000	M13 - 15	XD3-2200-102	M50 - 502
FS5-6528-000	M40 - 11	FU8-2414-000	M50 - 21	XD3-2300-122	M40 - 501
FU5-3979-000	M37 - 11	FU8-2450-000	M50 - 22	XF2-1604-040	M16 - 20
FU5-3980-000	M37 - 12	FU8-2451-000	M50 - 23	XF2-1604-440	M12 - 32
FU5-3981-000	M12 - 28	FU8-2452-000	M51 - 7	XF2-1605-140	M38 - 10
FU5-3982-000	M38 - 6	FU8-2454-000	M13 - 16	XF2-1606-140	M37 - 13
FU5-3983-000	M12 - 11	FU8-2455-000	M13 - 17	XF2-1607-340	M12 - 22
FU5-3984-000	M12 - 12	FU8-2456-000	M13 - 18	XF2-1626-040	M12 - 33
FU5-3986-000	M16 - 15	FU8-2457-000	M13 - 19	XF2-1806-040	M13 - 40
FU5-3987-000	M38 - 7	FU8-2461-000	M16 - 18	XF2-1808-140	M13 - 41
FU5-3988-000	M12 - 29	FU8-2464-000	M31 - 5	XF2-1810-940	M13 - 42
FU5-3991-000	M13 - 34	FU8-2465-000	M13 - 28	XF2-1833-940	M13 - 21
FU5-3992-000	M13 - 35	FU8-2466-000	M10 - 10		
FU5-9739-000	M13 - 2	FU8-2467-000	M13 - 31		
FU7-8177-000	M10 - 4	FU8-2468-000	M30 - 9		
FU7-8178-000	M10 - 9	FU8-2469-000	M13 - 4		
FU8-0913-000	M12 - 13	NPN	M10 -		
FU8-0914-000	M12 - 14	NPN	M11 -		
FU8-0915-000	M12 - 15	NPN	M12 -		
FU8-0916-000	M12 - 16	NPN	M13 -		
FU8-0917-000	M12 - 17	NPN	M36 -		
FU8-0918-000	M12 - 18	NPN	M37 -		
FU8-0919-000	M12 - 41	NPN	M40 -		
FU8-0925-000	M13 - 36	NPN	M51 -		
FU8-0928-000	M50 - 13	NPN	M90 -		
FU8-0929-000	M50 - 14	RA2-2452-000	M35 - 6		
FU8-0930-000	M50 - 15	RA2-2452-000	M50 - 24		
FU8-0931-000	M50 - 16	VS1-7177-002	M11 - 9		
FU8-0932-000	M50 - 17	VS1-7177-003	M12 - 21		
FU8-0933-000	M50 - 18	VS1-7177-004	M12 - 44		
FU8-0934-000	M50 - 19	VS1-7177-012	M11 - 10		
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F28-0781-000 HZC

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M37	OFFSET ROLLER ASSEMBLY 2	2-21
M38	ENTRANCE ROLLER ASSEMBLY	2-23
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FIGURE A1 ASSEMBLY LOCATION DIAGRAM

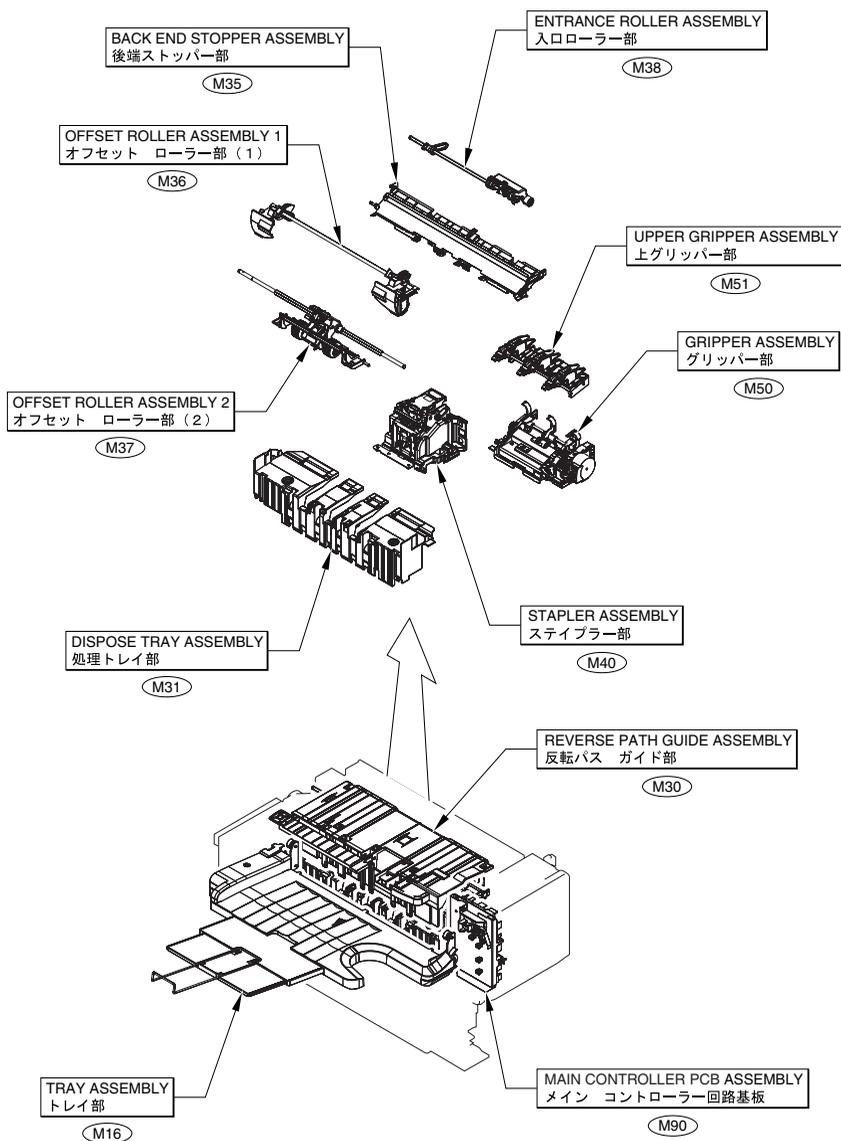


FIGURE M10 EXTERNAL COVERS, PANELS, ETC.

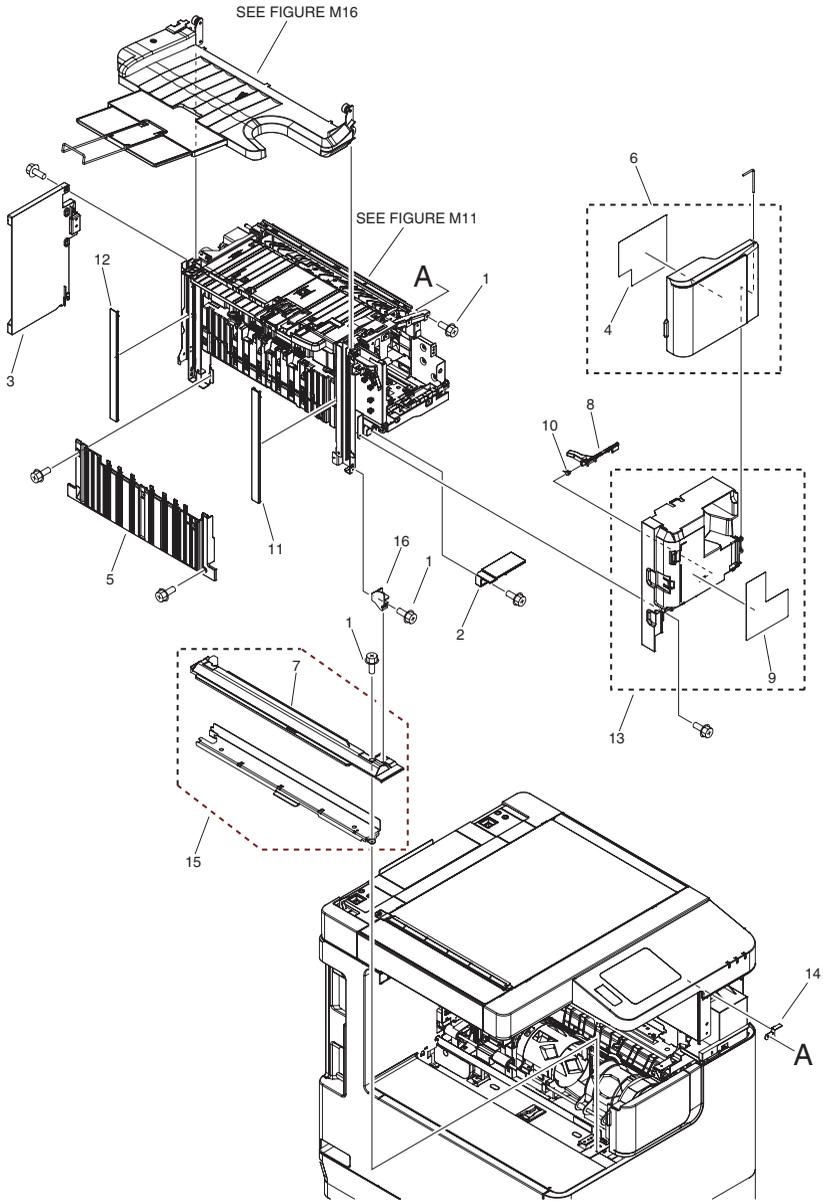


FIGURE & KEY NO.	PARTS NUMBER	R A N K	Q'TY	DESCRIPTION	SERIAL NUMBER/ REMARKS	S V C
Fig.M10	NPN		RF	EXTERNAL COVERS, PANELS, ETC.		
1	XA9-1386-000		3	SCREW,RS,M3X8		
2	FC0-4639-000		1	COVER, INNER, LOWER		
3	FC0-4635-000		1	PANEL, CABLE GUIDE		
4	FU7-8177-000		1	LABEL, STAPLE JAM		
5	FL3-6044-000		1	GUIDE, LEFT LOWER		
6	FL3-6020-000		1	PANEL, FRONT		
7	4F8-0351-000		1	PANEL, LEFT LOWER		
8	FC9-6574-000		1	ARM, STAPLER SUPPORT		
9	FU7-8178-000		1	LABEL, STAPLE EXCHANGE		
10	FU8-2466-000		1	SPRING, TORSION		
11	FC0-4642-010		1	COVER, RACK CROSSMEMBER, FRONT		
12	FC0-4643-010		1	COVER, RACK CROSSMEMBER, REAR		
13	FL3-6021-000		1	COVER, INNER, LEFT		
14	FC9-7395-000		1	PLATE, FIXING		
15	FM4-9097-000		1	GUIDE ASSEMBLY, LOWER		
16	FC0-4646-000		1	HOLDER, FIXING		

FIGURE M11 MAIN BODY

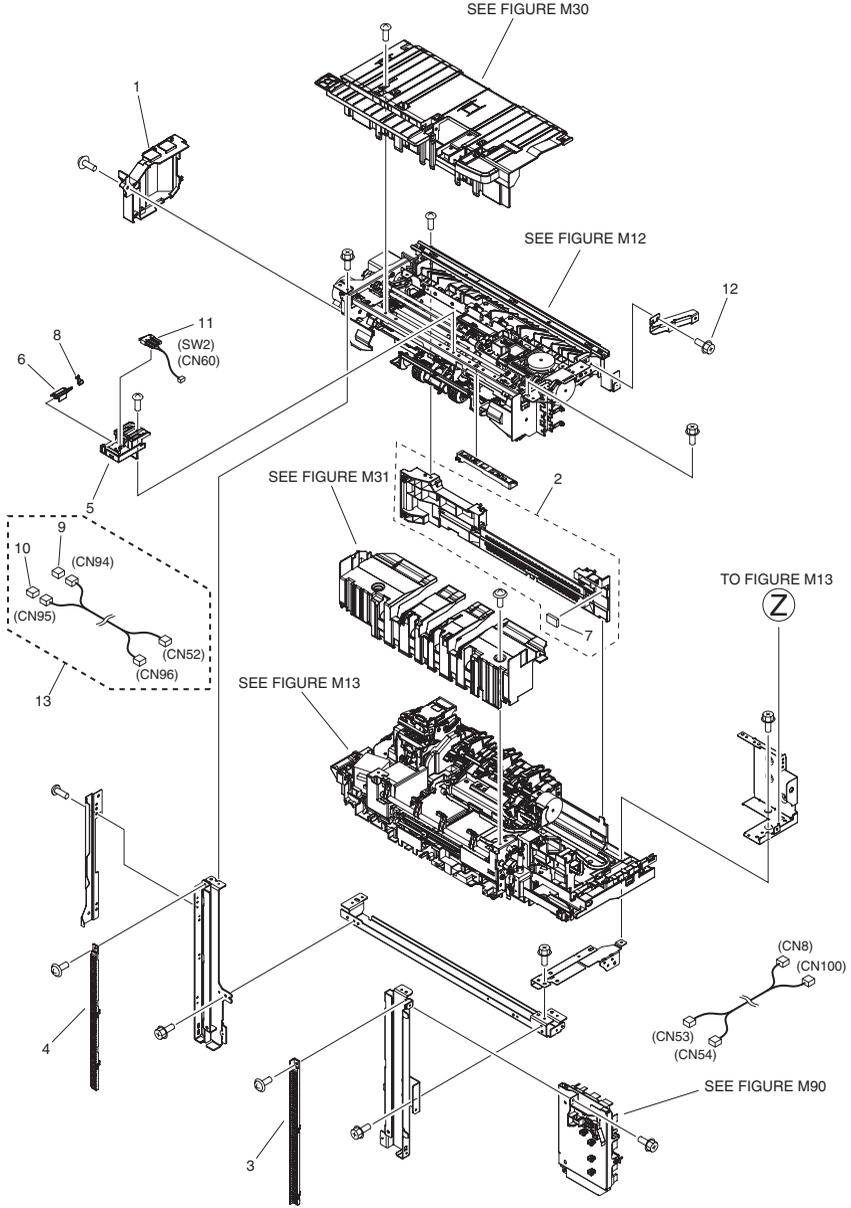
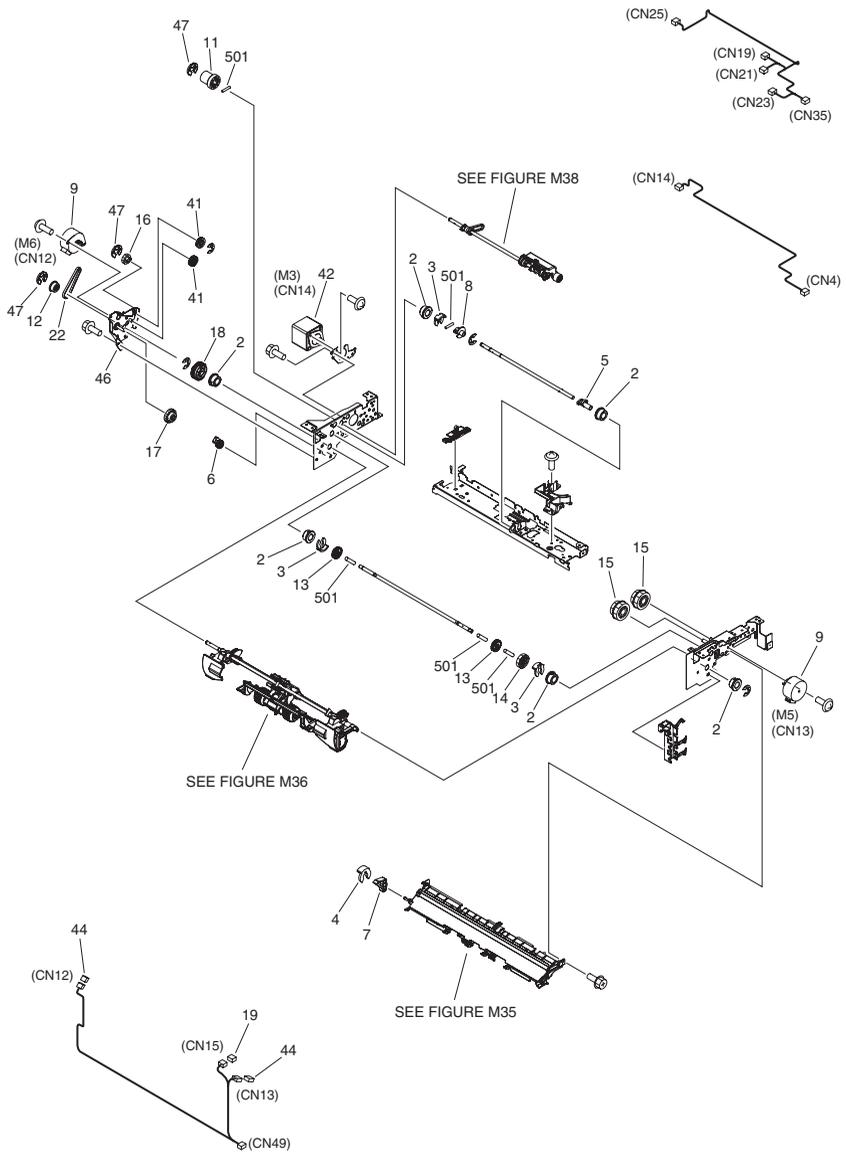


FIGURE & KEY NO.	PARTS NUMBER	RANK	Q'TY	DESCRIPTION	SERIAL NUMBER/REMARKS	SVC
Fig.M11	NPN		RF	MAIN BODY		
1	FC9-6480-020		1	COVER, REAR, LOWER		
2	FL3-4623-010		1	COVER, FRAME, RIGHT LOWER		
3	FC0-4640-000		1	RACK, FRONT		
4	FC0-4641-000		1	RACK, REAR		
5	FC9-6389-020		1	MOUNT, TRAY SENSOR		
6	FC9-6390-010		1	FLAG, TRAY SENSOR		
7	FC9-8364-000		1	PAD		
8	FU8-2399-020		1	SPRING, TORSION		
9	VS1-7177-002		1	CONNECTOR, SNAP TIGHT, BK		
10	VS1-7177-012		1	CONNECTOR, SNAP TIGHT, BK		
11	FM4-2152-000		1	CABLE, SWITCH, 2	SW2	
12	XA9-1386-000		1	SCREW,RS,M3X8		
13	FM4-2143-000		1	CABLE, TRAY SUB		

FIGURE M12 UPPER BODY



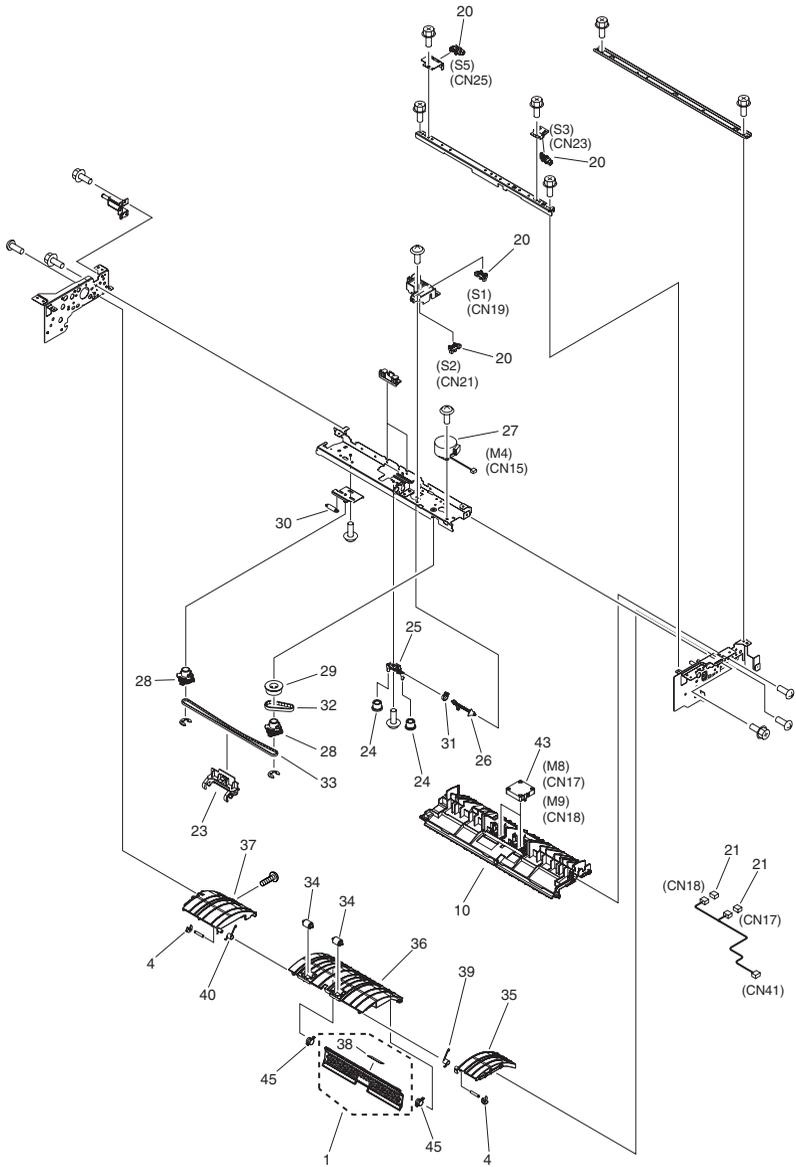
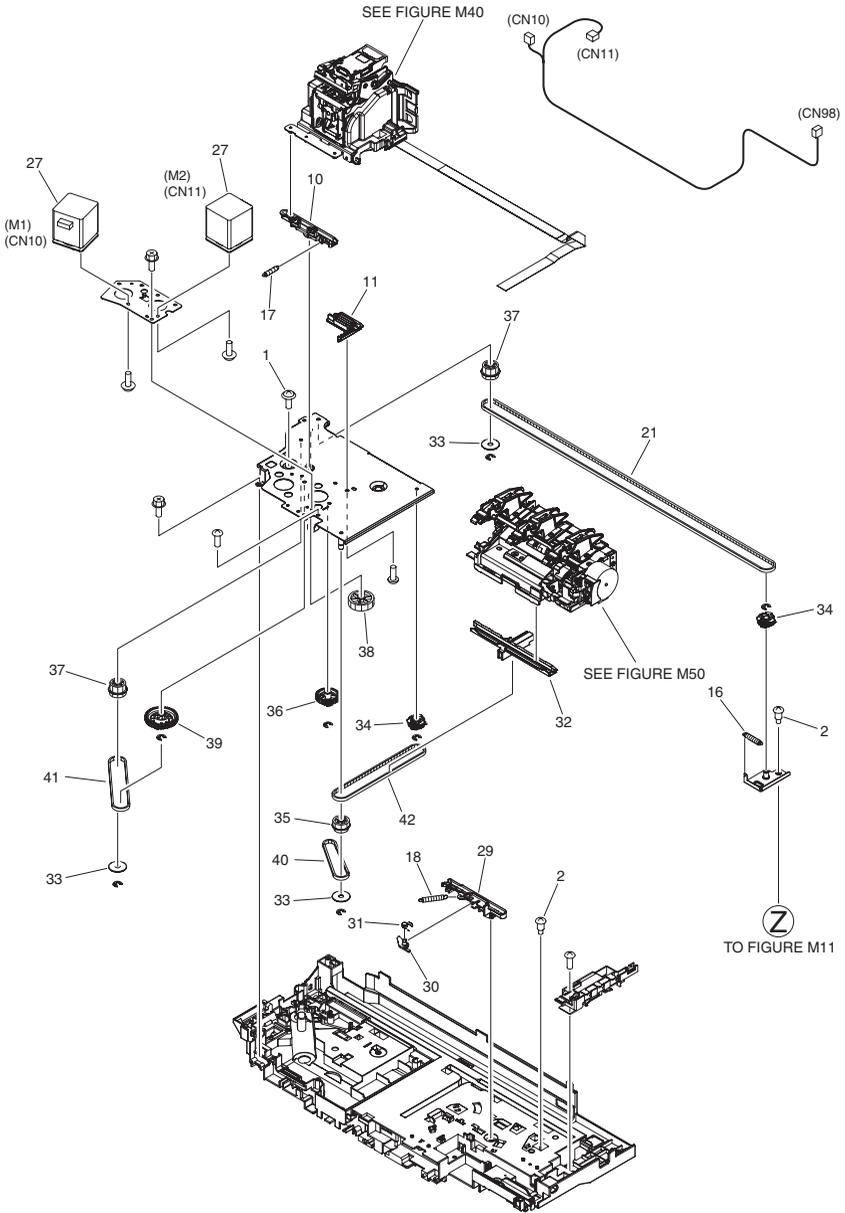


FIGURE & KEY NO.	PARTS NUMBER	RANK	Q'TY	DESCRIPTION	SERIAL NUMBER/REMARKS	SVC
Fig.M12	NPN		RF	UPPER BODY		
1	FL3-8293-000		1	COVER, ENTRANCE GUIDE, LOWER		
2	FS5-1805-000		9	BUSHING		
3	FC5-4425-000		4	CLIP		
4	FC5-4697-000		3	RING, RETAINING		
5	FC9-6355-000		1	CAM, ENTRANCE ROLLER		
6	FC9-6372-000		1	CAM/GEAR, 14T		
7	FC9-6373-000		1	LEVER, STOPPER CAM		
8	FC9-6378-000		1	FLAG, ROLLER CAM SENSOR		
9	FK2-8752-000		2	MOTOR, DC STEPPING	M5,M6	
10	FL3-3560-000		1	GUIDE, ENTRANCE INTERMEDIATE		
11	FU5-3983-000		2	PULLEY, 18T		
12	FU5-3984-000		1	PULLEY, 28T		
13	FU8-0913-000		2	GEAR, 21T		
14	FU8-0914-000		1	GEAR, 32T		
15	FU8-0915-000		2	GEAR, 16T/20T		
16	FU8-0916-000		1	GEAR, 22T		
17	FU8-0917-000		1	GEAR, 20T/32T		
18	FU8-0918-000		1	GEAR, 40T		
19	VS1-7454-004		1	CONNECTOR, SNAP TIGHT		
20	WG8-5836-000		4	PHOTOINTERRUPTER, SG2481-CN	S1,S2,S3,S5	
21	VS1-7177-003		2	CONNECTOR, SNAP TIGHT, BK		
22	XF2-1607-340		1	BELT, TIMING		
23	FC9-6310-000		1	HOLDER, OFFSET BELT		
24	FC9-6318-000		2	ROLLER, OFFSET BELT		
25	FC9-6345-000		1	HOLDER, ENTRANCE SENSOR FLAG		
26	FC9-6346-000		1	FLAG, ENTRANCE SENSOR		
27	FK2-8753-000		1	MOTOR, DC STEPPING	M4	
28	FU5-3981-000		2	PULLEY, 22T		
29	FU5-3988-000		1	PULLEY, 24T		
30	FU8-2388-000		1	SPRING, TENSION		
31	FU8-2391-000		1	SPRING, TORSION		

FIGURE & KEY NO.	PARTS NUMBER	R A N K	Q'TY	DESCRIPTION	SERIAL NUMBER/ REMARKS	S V C
32	XF2-1604-440		1	BELT, TIMING		
33	XF2-1626-040		1	BELT, TIMING		
34	FC9-6338-000		2	ROLLER, ENTRANCE		
35	FC9-6339-000		1	GUIDE, ENTRANCE LOWER, FRONT		
36	FC9-6340-000		1	GUIDE, ENTRANCE LOWER, CENTER		
37	FC9-6341-020		1	GUIDE, ENTRANCE LOWER, REAR		
38	FC9-6395-000		1	LABEL, ENTRANCE GUIDE		
39	FU8-2393-010		1	SPRING, TORSION		
40	FU8-2394-010		1	SPRING, TORSION		
41	FU8-0919-000		2	GEAR, 22T		
42	FK2-8751-000		1	MOTOR, DC STEPPING	M3	
43	FK2-8755-000		2	FAN	M8,M9	
44	VS1-7177-004		2	CONNECTOR, SNAP TIGHT, BK		
45	FE2-1644-000		2	SPRING, TORSION		
46	FL3-2970-000		1	BRACKET, MOTOR		
47	FE4-4236-000		3	CLIP		
501	XD3-2200-102		9	PIN, DOWEL		

FIGURE M13 LOWER BODY



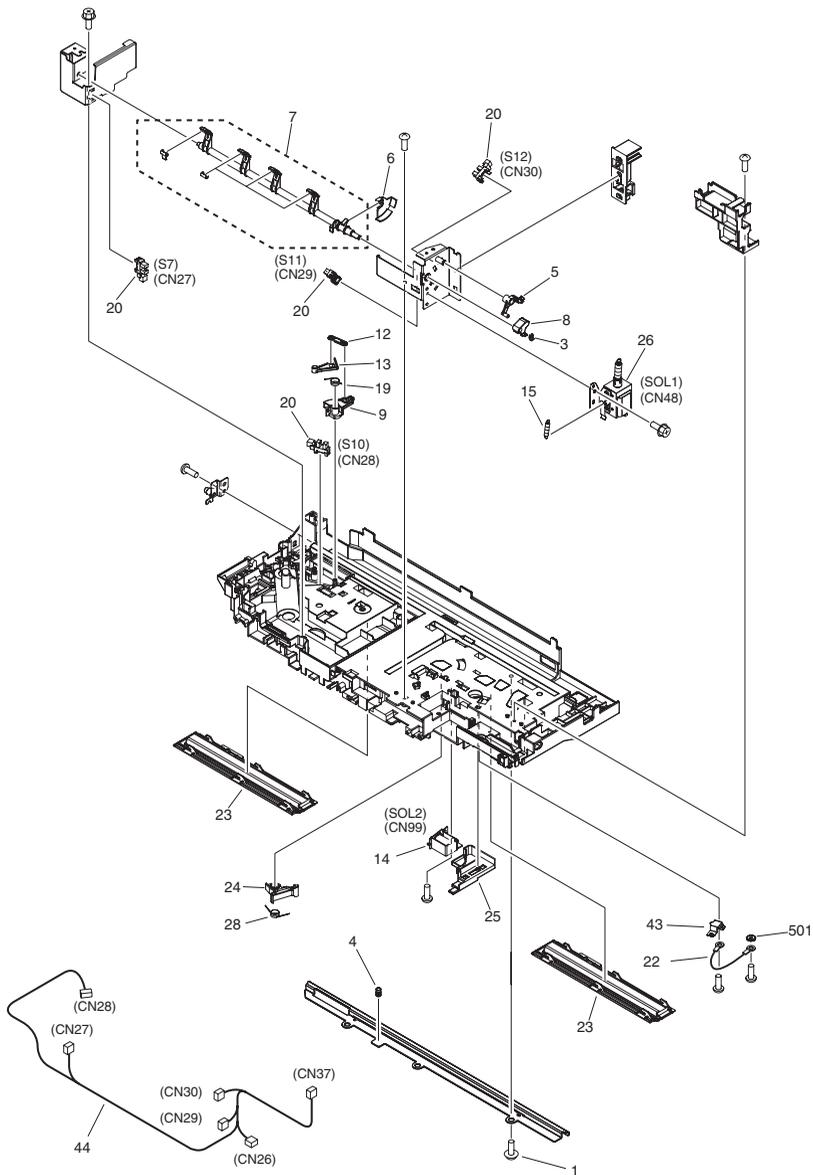


FIGURE & KEY NO.	PARTS NUMBER	RANK	Q'TY	DESCRIPTION	SERIAL NUMBER/REMARKS	SVC
Fig.M13	NPN		RF	LOWER ASSEMBLY		
1	FC9-6617-000		7	SCREW, M3		
2	FU5-9739-000		8	SCREW, STEPPED, M3		
3	FC3-0661-000		1	CLIP		
4	FU8-2469-000		1	SPRING, COMPRESSION		
5	FC9-6412-000		1	LINK, PAPER DETECT LEVER, 1		
6	FC9-6627-000		1	FLAG, LEVER		
7	FC9-6415-000		1	LEVER, PAPER DETECT		
8	FC9-6416-000		1	LINK, PAPER DETECT LEVER, 2		
9	FC9-6479-000		1	LEVER, STAPLER SHIFT SENSOR		
10	FC9-6488-000		1	RAIL, STAPLER SHIFT, REAR		
11	FC9-6493-010		1	RAIL, STAPLER SHIFT FIXED		
12	FC9-6499-000		1	ARM, STAPLER SENSOR LINK		
13	FC9-6500-000		1	ARM, STAPLER SENSOR AUXILIARY		
14	FK2-8762-000		1	SOLENOID	SOL2	
15	FU8-2413-000		1	SPRING, TENSION		
16	FU8-2454-000		1	SPRING, TENSION		
17	FU8-2455-000		1	SPRING, TENSION		
18	FU8-2456-000		1	SPRING, TENSION		
19	FU8-2457-000		1	SPRING, TORSION		
20	WG8-5836-000		4	PHOTOINTERRUPTER, SG2481-CN	S7,S10,S11,S12	
21	XF2-1833-940		1	BELT,TIMING		
22	FM4-6378-000		1	CABLE, GROUNDING		
23	FC9-6505-000		2	COVER, BASE FRAME		
24	FC9-6572-010		1	ARM, RAIL STOPPER		
25	FC9-6573-010		1	COVER, RAIL STOPPER ARM, LOWER		
26	FM4-5051-000		1	SOLENOID ASSEMBLY	SOL1	
27	FK2-8750-000		2	MOTOR, DC STEPPING	M1,M2	
28	FU8-2465-000		1	SPRING, TORSION		
29	FC9-6487-010		1	RAIL, STAPLER SHIFT, FRONT		
30	FC9-6621-000		1	LEVER, LOCK		
31	FU8-2467-000		1	SPRING, TORSION		

FIGURE & KEY NO.	PARTS NUMBER	R A N K	Q'TY	DESCRIPTION	SERIAL NUMBER/ REMARKS	S V C
32	FC9-6678-000		1	RAIL, GRIPPER MOVABLE		
33	FC9-6408-000		3	FLANGE		
34	FU5-3991-000		2	PULLEY, 22T		
35	FU5-3992-000		1	PULLEY, 19T/22T		
36	FU8-0925-000		1	GEAR, 34T/PULLEY, 16T		
37	FU8-0935-000		2	GEAR, 30T/PULLEY, 22T		
38	FU8-0936-000		1	GEAR, 50T		
39	FU8-0937-000		1	GEAR, 48T /PULLEY, 22T		
40	XF2-1806-040		1	BELT, TIMING		
41	XF2-1808-140		1	BELT, TIMING		
42	XF2-1810-940		1	BELT, TIMING		
43	FC9-6503-000		1	SPRING, GROUNDING		
44	FM4-2135-000		1	CABLE, SENSOR		
501	XD1-4200-302		1	WASHER, TOOTHED LOCK		

FIGURE M16 TRAY ASSEMBLY

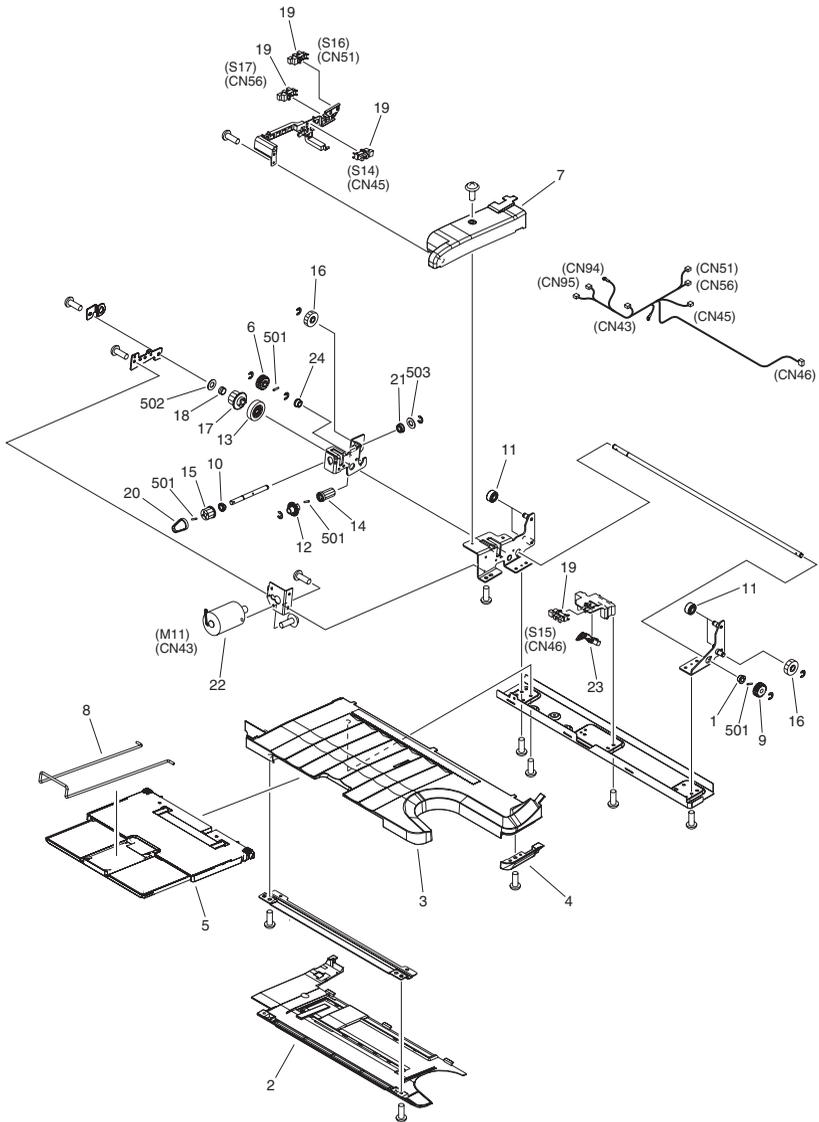


FIGURE & KEY NO.	PARTS NUMBER	R A N K	Q'TY	DESCRIPTION	SERIAL NUMBER/ REMARKS	S V C
Fig.M16	FM4-9092-000		1	TRAY ASSEMBLY		
1	FS5-1805-000		2	BUSHING		
2	FC9-6555-000		1	COVER, STACK TRAY BOTTOM		
3	FL3-4624-010		1	TRAY, STACK		
4	FC9-6557-000		1	COVER, STACK TRAY SUB		
5	FM4-5059-000		1	SUB TRAY UNIT		
6	FU8-0948-000		1	GEAR, 18T		
7	FC9-6566-000		1	COVER, TRAY DRIVE		
8	FC9-6567-000		1	ROD, PAPER STOPPER		
9	FU8-0941-000		2	GEAR, 18T		
10	4S3-1024-000		1	BUSHING		
11	FC9-6521-000		4	ROLLER, TRAY		
12	FC9-6527-000		1	FLAG, SENSOR		
13	FC9-6546-000		1	WHEEL, WORM		
14	FC9-6547-000		1	GEAR, WORM		
15	FU5-3986-000		1	PULLEY, 25T		
16	FU8-0942-000		2	GEAR, 20T		
17	FU8-0947-000		1	GEAR, 19T		
18	FU8-2461-000		1	SPRING, COMPRESSION		
19	WG8-5836-000		4	PHOTOINTERRUPTER, SG2481-CN	S14,S15,S16,S17	
20	XF2-1604-040		1	BELT, TIMING		
21	4A3-1643-000		1	BEARING, BALL		
22	FK2-8754-000		1	MOTOR, DC	M11	
23	FC9-6536-000		1	FLAG, TRAY SENSOR		
24	FC9-6659-000		1	BUSHING		
501	XD3-2200-102		4	PIN, DOWEL		
502	XD1-1108-239		1	SHIM		
503	XD1-1106-215		1	WASHER,COP		

FIGURE M30 REVERSE PATH GUIDE ASSEMBLY

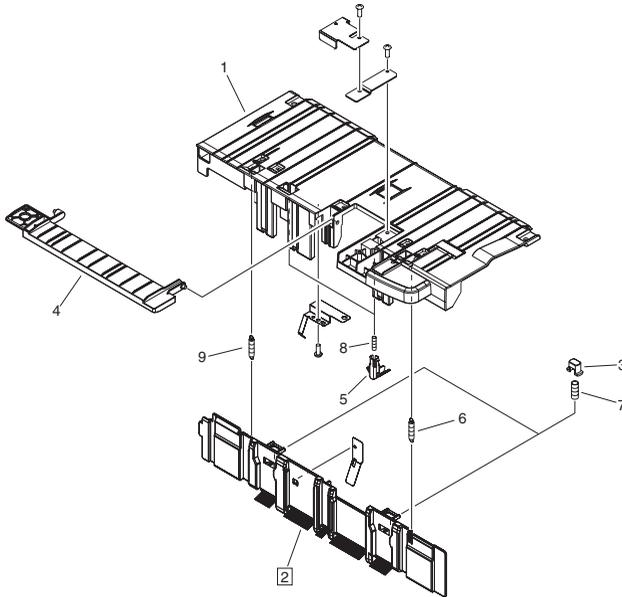


FIGURE & KEY NO.	PARTS NUMBER	RANK	QTY	DESCRIPTION	SERIAL NUMBER/REMARKS	SVC
Fig.M30	FM4-9116-010		1	REVERSE PATH GUIDE ASSEMBLY		
1	FL3-4297-030		1	GUIDE, REVERSE PATH		
2	FL3-6043-010		1	GUIDE, SHUTTER	[DP]	
3	FL3-3569-000		2	HOLDER, SHUTTER SPRING		
4	FL3-4301-010		1	GUIDE, TRAY HEIGHT SENSING		
5	FL3-4300-010		2	STOPPER, GUIDE		
6	FU8-2389-000		1	SPRING, TENSION		
7	FU8-2392-000		2	SPRING, COMPRESSION		
8	FU8-2401-000		2	SPRING, COMPRESSION		
9	FU8-2468-000		1	SPRING, TENSION		

FIGURE M31 DISPOSE TRAY ASSEMBLY

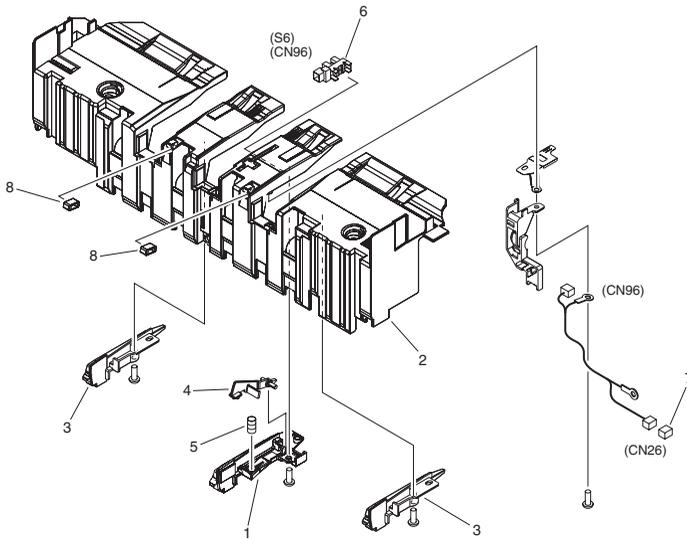


FIGURE & KEY NO.	PARTS NUMBER	RANK	Q'TY	DESCRIPTION	SERIAL NUMBER/REMARKS	SVC
Fig.M31	FM4-9104-000		1	DISPOSE TRAY ASSEMBLY		
1	FL3-6029-000		1	GUIDE, DISPOSE TRAY, 1		
2	FL3-6046-000		1	DISPOSE TRAY ASSEMBLY		
3	FL3-6030-000		2	GUIDE, DISPOSE TRAY, 2		
4	FC9-6515-000		1	FLAG, SENSOR		
5	FU8-2464-000		1	SPRING, COMPRESSION		
6	WG8-5836-000		1	PHOTOINTERRUPTER, SG2481-CN	S6	
7	VS1-7454-003		1	CONNECTOR, SNAP TIGHT		
8	FC9-6514-000		2	PAD, DISPOSE TRAY		

FIGURE M35 BACK END STOPPER ASSEMBLY

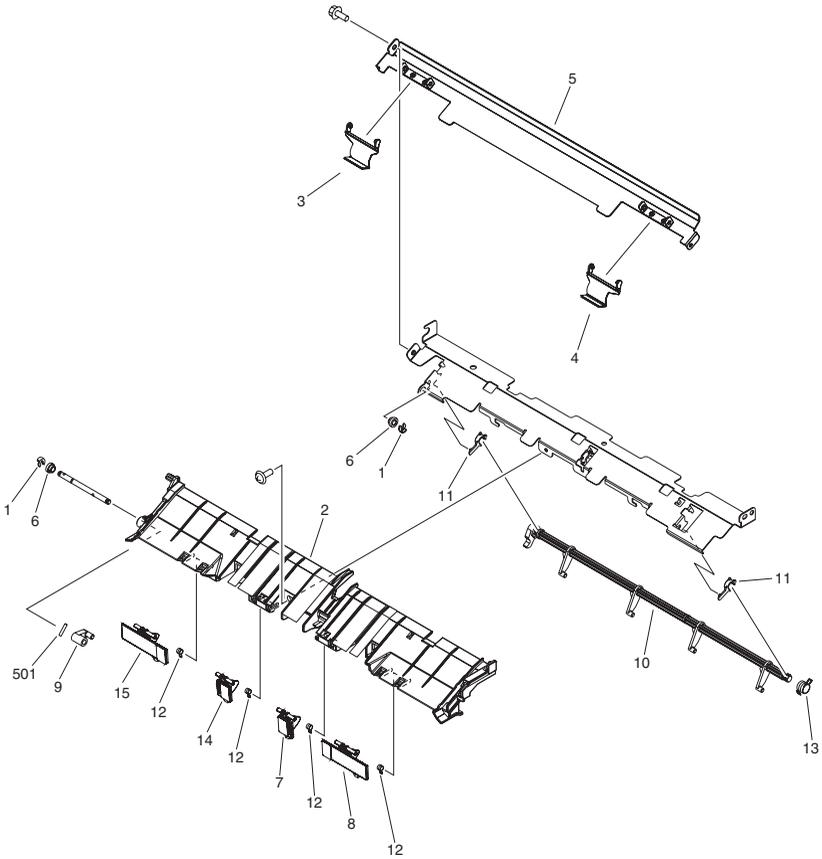


FIGURE & KEY NO.	PARTS NUMBER	R A N K	Q'TY	DESCRIPTION	SERIAL NUMBER/ REMARKS	S V C
Fig.M35	FM4-9099-010		1	BACK END STOPPER ASSEMBLY		
1	FC5-4697-000		2	RING, RETAINING		
2	FL3-3658-010		1	PAPER DELIVERY GUIDE UNIT, LW.		
3	FC9-8027-010		1	RETAINER, PAPER, REAR		
4	FC9-8026-010		1	RETAINER, PAPER, FRONT		
5	FL3-4626-020		1	GUIDE, PAPER DELIVERY, UPPER		
6	RA2-2452-000		2	BUSHING		
7	FL3-6024-000		1	STOPPER, BACK END, CENTER, 1		
8	FL3-6026-000		1	STOPPER, BACK END, 1		
9	FC9-6368-000		1	LEVER, STOPPER LINK		
10	FC9-6370-010		1	ARM, STOPPER CAM		
11	FC9-6382-000		2	BUSHING		
12	FU8-2396-000		4	SPRING, TORSION		
13	FU8-2398-000		1	SPRING, TORSION		
14	FL3-6025-000		1	STOPPER, BACK END, CENTER, 2		
15	FL3-6027-000		1	STOPPER, BACK END, 2		
501	XD3-2200-102		1	PIN, DOWEL		

FIGURE M36 OFFSET ROLLER ASSEMBLY 1

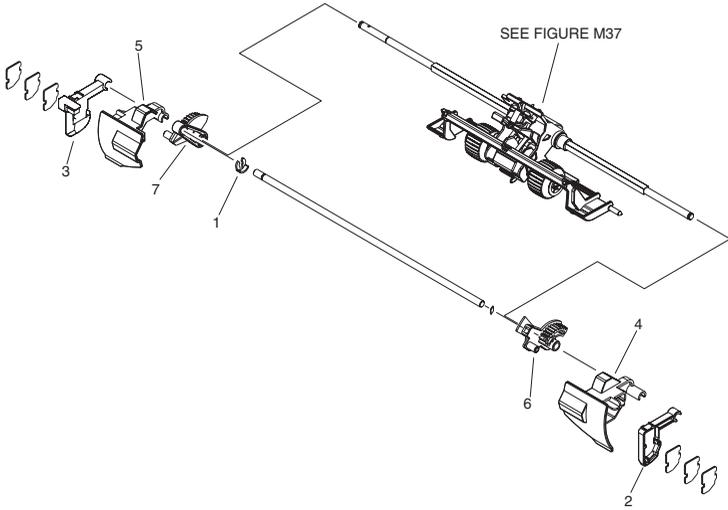


FIGURE & KEY NO.	PARTS NUMBER	RANK	Q'TY	DESCRIPTION	SERIAL NUMBER/REMARKS	SVC
Fig.M36	NPN		RF	OFFSET ROLLER ASSEMBLY 1		
1	FC5-4425-000		1	CLIP		
2	FC9-6298-000		1	HOLDER, WEIGHT, FRONT		
3	FC9-8020-000		1	HOLDER, WEIGHT, REAR		
4	FL3-6042-000		1	GUIDE, OFFSET, FRONT		
5	FL3-6041-000		1	GUIDE, OFFSET, REAR		
6	FC9-6398-000		1	GEAR, 35T		
7	FC9-6399-000		1	GEAR, 35T		

FIGURE M37 OFFSET ROLLER ASSEMBLY 2

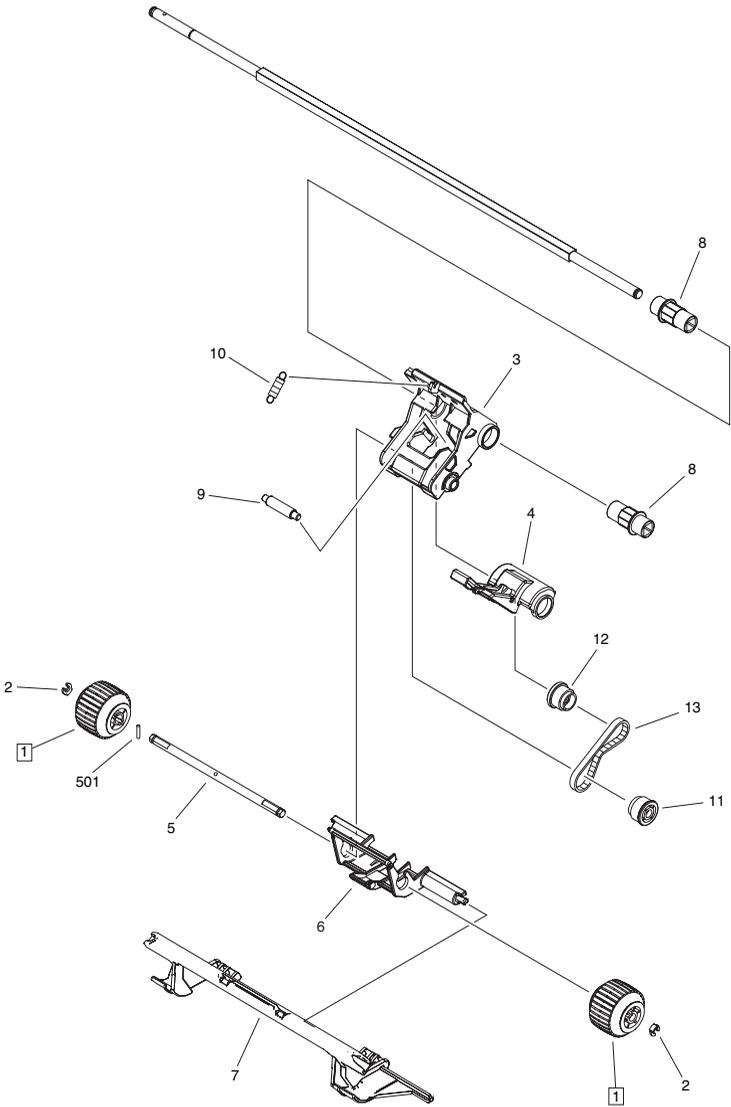


FIGURE & KEY NO.	PARTS NUMBER	RANK	Q'TY	DESCRIPTION	SERIAL NUMBER/REMARKS	SVC
Fig.M37	NPN		RF	OFFSET ROLLER ASSEMBLY 2		
1	4A3-1121-000		2	ROLLER, OFFSET	[DP]	
2	FC3-0661-000		2	CLIP		
3	FL3-6040-000		1	HOLDER, OFFSET ROLLER		
4	FL3-6038-000		1	LEVER, OFFSET ROLLER PRESSURE		
5	FC9-6647-000		1	SHAFT, TRANSMISSION		
6	FL3-6039-000		1	HOLDER, RETAINING GUIDE		
7	FC0-4651-010		1	GUIDE, RETAINING		
8	FC9-6311-000		2	BUSHING		
9	FC9-6330-000		1	ROLLER, BELT LIMIT		
10	FU8-2400-000		1	SPRING, TENSION		
11	FU5-3979-000		1	PULLEY, 24T		
12	FU5-3980-000		1	PULLEY, 22T		
13	XF2-1606-140		1	BELT, TIMING		
501	XD3-2200-082		1	PIN,DOWEL		

FIGURE M38 ENTRANCE ROLLER ASSEMBLY

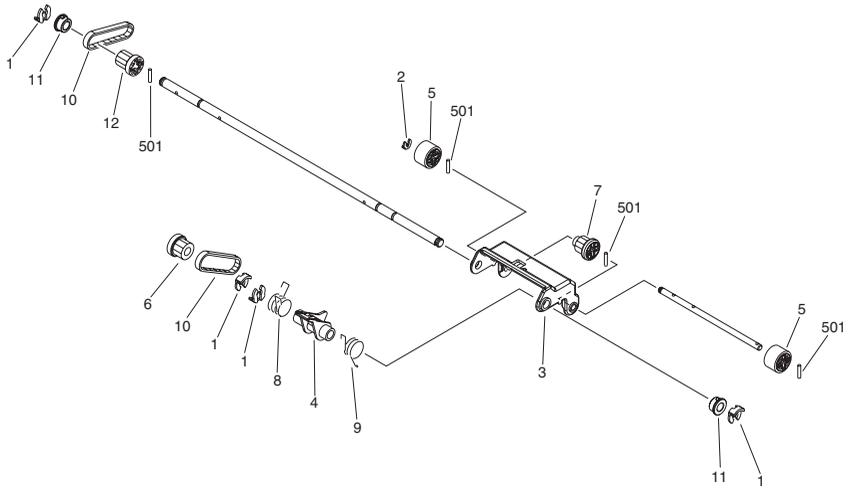


FIGURE & KEY NO.	PARTS NUMBER	R A N K	Q'TY	DESCRIPTION	SERIAL NUMBER/ REMARKS	S V C
Fig.M38	FM4-2718-000		1	ENTRANCE ROLLER ASSEMBLY		
1	FC5-4425-000		2	CLIP		
2	FC5-4697-000		1	RING, RETAINING		
3	FC9-6352-010		1	HOLDER, ENTRANCE ROLLER		
4	FC9-6371-000		1	LEVER, ROLLER PRESSURE		
5	FL3-3559-000		2	ROLLER, ENTRANCE		
6	FU5-3982-000		1	PULLEY, 20T		
7	FU5-3987-000		1	PULLEY, 19T		
8	FU8-2395-000		1	SPRING, TORSION		
9	FU8-2397-000		1	SPRING, TORSION		
10	XF2-1605-140		1	BELT, TIMING		
501	XD3-2200-102		4	PIN, DOWEL		

FIGURE M40 STAPLER ASSEMBLY

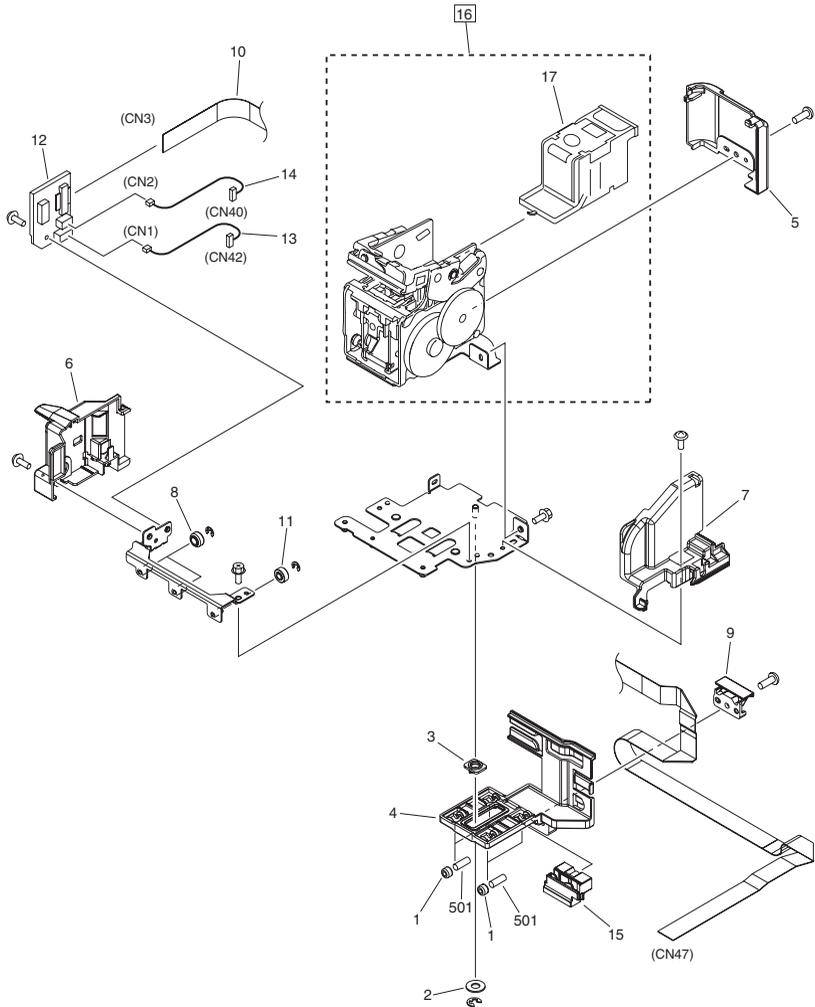


FIGURE & KEY NO.	PARTS NUMBER	R A N K	Q'TY	DESCRIPTION	SERIAL NUMBER/REMARKS	S V C
Fig.M40	NPN		1	STAPLER ASSEMBLY		
1	FC9-6461-000		4	ROLLER, SHIFT MOUNT		
2	FC9-6463-000		1	FLANGE		
3	FC9-6464-000		1	BUSHING		
4	FC9-6465-000		1	MOUNT,SHIFT, UPPER		
5	FC9-6471-010		1	COVER, STAPLER		
6	FC9-6472-020		1	COVER,PCB		
7	FC9-6473-000		1	GUIDE, JOINT		
8	FC9-6476-000		2	ROLLER, SHIFT		
9	FC9-6494-000		1	CLAMP, FLEXIBLE FLAT CABLE		
10	FK2-8758-000		1	CABLE, FLEXIBLE FLAT		
11	FS5-6528-000		1	ROLLER		
12	FM4-2125-000		1	STAPLER PCB ASSEMBLY		
13	FM4-2139-000		1	CABLE, POWER FLAT		
14	FM4-2140-000		1	CABLE, SENSOR FLAT		
15	FC9-6462-010		1	MOUNT, SHIFT, LOWER		
16	FM4-2710-010		1	STAPLE PLATE ASSEMBLY	[DP]	
17	FC5-4546-000		1	CARTRIDGE, STAPLER		
501	XD3-2300-122		4	PIN,DOWEL		

FIGURE M50 GRIPPER ASSEMBLY

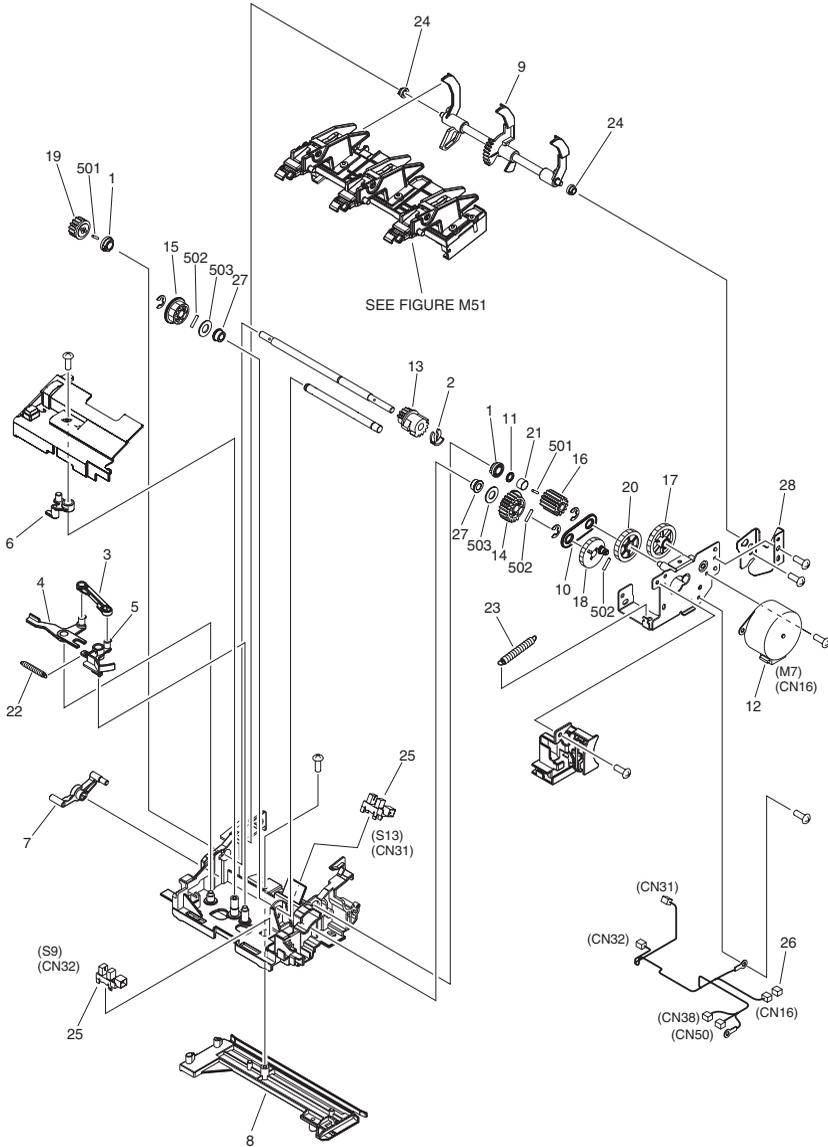


FIGURE & KEY NO.	PARTS NUMBER	R A N K	Q'TY	DESCRIPTION	SERIAL NUMBER/ REMARKS	S V C
Fig.M50	FM4-9101-000		1	GRIPPER ASSEMBLY		
1	4S3-1024-000		2	BUSHING		
2	FC5-4425-000		1	CLIP		
3	FC9-6423-000		1	LINK, FIXED		
4	FC9-6424-000		1	LEVER, FIXED RELEASE		
5	FC9-6425-000		1	ARM, FIXED, FRONT		
6	FC9-6426-000		1	ARM, FIXED, REAR		
7	FC9-6429-000		1	ARM, JOINT		
8	FC9-6437-010		1	RAIL, LOWER		
9	FC9-6456-000		1	LEVER, GRIP OPEN/CLOSE		
10	FC9-6519-000		1	PLATE, SHAFT BETWEEN LIMIT		
11	FC9-6520-000		2	WASHER		
12	FK2-8752-000		1	MOTOR, DC STEPPING	M7	
13	FU8-0928-000		1	GEAR, 14T/16T		
14	FU8-0929-000		1	GEAR, 22T		
15	FU8-0930-000		1	GEAR, 20T		
16	FU8-0931-000		1	GEAR, 14T		
17	FU8-0932-000		1	GEAR, 16T/34T		
18	FU8-0933-000		1	GEAR, 29T		
19	FU8-0934-000		1	GEAR, 14T		
20	FU8-0938-000		1	GEAR, 31T		
21	FU8-2414-000		1	SPRING, COMPRESSION		
22	FU8-2450-000		1	SPRING, TENSION		
23	FU8-2451-000		1	SPRING, TENSION		
24	RA2-2452-000		2	BUSHING		
25	WG8-5836-000		2	PHOTOINTERRUPTER, SG2481-CN	S9,S13	
26	VS1-7454-004		1	CONNECTOR, SNAP TIGHT		
27	FS5-1805-000		2	BUSHING		
28	FC9-6458-000		1	BRACKET		
501	XD3-2160-082		2	PIN,DOWEL		
502	XD3-2200-102		3	PIN, DOWEL		
503	XD1-1106-215		2	WASHER,COP		

FIGURE M51 UPPER GRIPPER ASSEMBLY

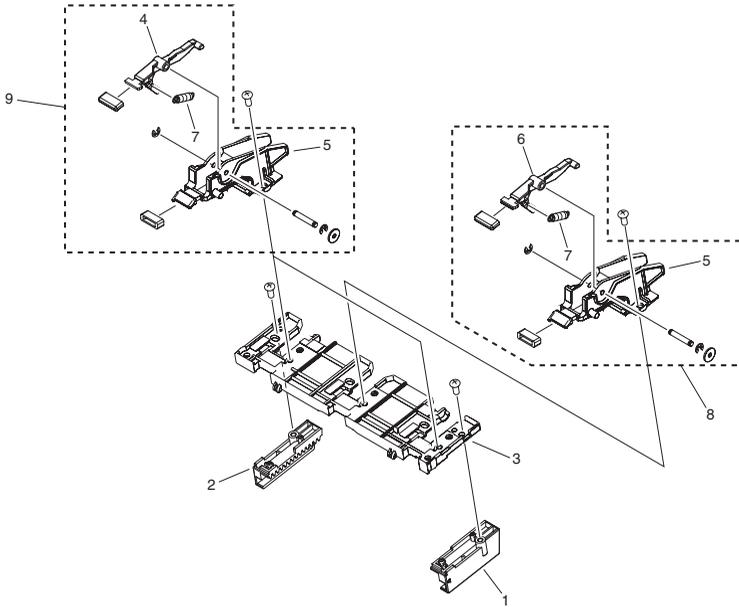


FIGURE & KEY NO.	PARTS NUMBER	RANK	Q'TY	DESCRIPTION	SERIAL NUMBER/REMARKS	SVC
Fig.M51	NPN		RF	UPPER GRIPPER ASSEMBLY		
1	FC9-6438-000		1	RACK, FRONT		
2	FC9-6439-000		1	RACK, REAR		
3	FL3-6028-000		1	FRAME, UPPER		
4	FC9-6442-010		2	ARM, GRIP		
5	FC0-4653-000		3	HOLDER, GRIP ARM		
6	FL3-2971-010		1	ARM, GRIP		
7	FU8-2452-000		3	SPRING, TENSION		
8	FM4-9102-000		1	GRIP ARM HOLDER ASS'Y, CENTER		
9	FM4-9103-000		2	GRIP ARM HOLDER ASS'Y		

FIGURE M90 MAIN CONTROLLER PCB ASSEMBLY

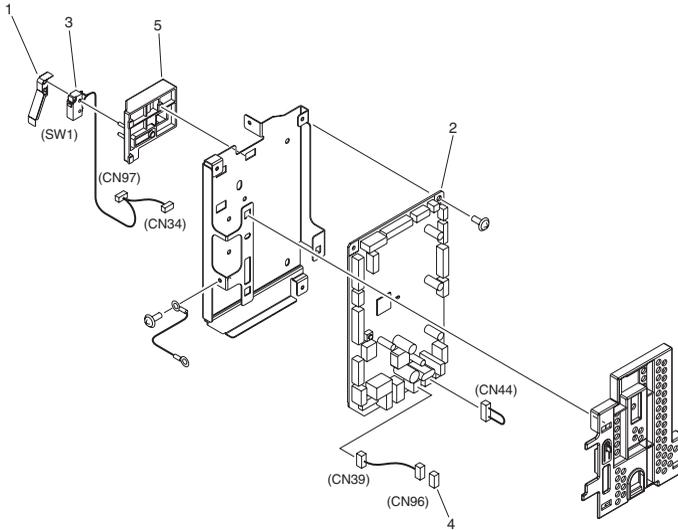


FIGURE & KEY NO.	PARTS NUMBER	RANK	Q'TY	DESCRIPTION	SERIAL NUMBER/REMARKS	SVC
Fig.M90	NPN		RF	MAIN CONTROLLER PCB ASSEMBLY		
1	FC9-6606-000		1	SPRING, LEAF		
2	FM4-9286-000		1	MAIN CONTROLLER PCB ASSEMBLY		
3	FM4-2136-000		1	CABLE, SWITCH	SW1	
4	VS1-7454-003		1	CONNECTOR, SNAP TIGHT		
5	FC9-6605-000		1	HOLDER, INTERLOCK SWITCH		

FIGURE ZZA

MECHANICAL STANDARD PARTS (HOW TO USE)

Mechanical standard parts

機械標準部品

About a mechanical standard parts

A Mechanical standard parts is a mechanical part which not parts peculiar to a product. They are parts which are common to a Canon product and are used, such as a screw and a washer. The Fig No. and parts number of the mechanical standard parts are not listed in the product parts catalog. Refer to the parts catalog of mechanical standard parts when checking the parts number for screw or washer etc. and identify them by part shape or size.

機械標準部品とは

機械標準部品とは、製品特有の部品ではなく、ねじやワッシャなどキヤノン製品共通で使用されている機械部品（メカ部品）のことです。
製品のパーツカタログには、機械標準部品のFig No.や部品番号は記載しておりません。
ねじや、ワッシャ等の部品番号を調べるときは、機械標準部品のパーツカタログを参照し、部品の形状や大きさから判断し、使用している部品を調べてください。

Material and surface treatment of a mechanical standard parts

Material and surface treatment of mechanical standard parts are assigned commonly for each part. Refer to the Table 1 for the parts which material and surface treatment are assigned as numbers.

機械標準部品の材料および表面処理

機械標準部品の材料および表面処理については、各種部品共通で決められています。
材料および表面処理が番号で決められている部品については、表1を参照してください。

Table 1 Material and Surface treatment

表1 材料および表面処理

No. 番号	Material 材料	Surface treatment 表面処理	Color 色
1	Stainless steel ステンレス	Stainless steel black coloring (BC4) ステンレス黒着色(BC4)	Black 黒
2		not to be given なし	White 白
3	Brass 黄銅	Regular nickel plating (NL) 普通ニッケルメッキ(NL)	White 白
4		Black nickel plating (BN) 黒色ニッケルメッキ(BN)	Black 黒
5	Steel 鋼	White zinc trivalent chromate treating (ZC3) 白色亜鉛3価クロメート(ZC3)	White 白
6		Regular nickel chromium plating (NC) 普通ニッケルクロムメッキ(NC)	White 白
7		Regular nickel plating (NL) 普通ニッケルメッキ(NL)	White 白
8		Iron and steel phosphating (P1) 鉄鋼磷酸塩処理(P1)	Black 黒
9		Black zinc trivalent chromate treating (BZ3) 黒色亜鉛3価クロメート(BZ3)	Black 黒

FIGURE ZZB MECHANICAL STANDARD PARTS (SCREWS)

1. Screws ねじ

How to read Parts Numbers
部品番号の見方

Screws
ねじ

XB1-2400-609

Type No.
類別番号

Normal designation (d)
ねじの呼び(d)

Length (L)
ねじの長さ(L)

Material and Surface treatment
材料および表面処理

XB1-2 expresses Binding head machine screw.
XB1-2は、バインドねじを表す

40 expresses M4.0.
40は、M4.0を表す

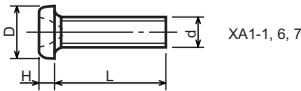
0-60 expresses a length of 6.0mm.
0-60は、6.0mmの長さを表す

9 expresses Steel (Black zinc trivalent chromate
treating) from Table 1.

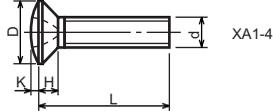
9は、表1より鋼(黒色亜鉛3価クロメート)を表す

1-1. Cross Recessed Head Screws for Precision Equipments

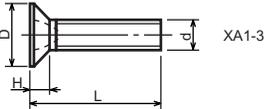
精密機器用十字穴付き小ねじ



XA1-1, 6, 7



XA1-4

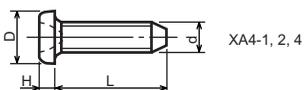


XA1-3

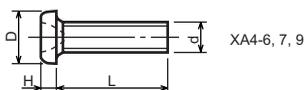
Type No. 類別番号	Type 類別
XA1-1	Pan head Class 1 なべ1種
XA1-3	Countersunk head Class 1 さら1種
XA1-4	Oval countersunk head Class 1 丸さら1種
XA1-6	Pan head Class 3 なべ3種
XA1-7	Pan head Class 2 なべ2種

		Head size (mm) 頭部寸法 (mm)					
		M1.4	M1.6	M1.7	M2	M2.5	M2.6
D	XA1-1	2	2.4	2.5	3	3.8	4
H	XA1-1	0.5	0.55	0.5	0.6	0.9	0.8
D	XA1-3	2	2.4	2.5	3	3.8	4
H	XA1-3	0.48	0.55	0.58	0.73	0.85	0.93
D	XA1-4	2	2.4	2.5	3	3.8	4
H + K	XA1-4	0.68	0.8	0.88	1	1.25	1.3
D	XA1-6	2.5	2.8	3	3.5	4.3	4.5
H	XA1-6	0.8	0.85	0.9	1	1.3	1.2
D	XA1-7	2.5	2.8	3	3.5	4.3	4.5
H	XA1-7	0.5	0.55	0.5	0.6	0.9	0.8

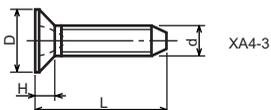
1-2. Precision Tapping Screws
精密用タッピンねじ



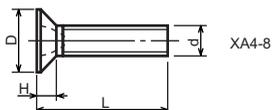
XA4-1, 2, 4



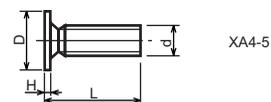
XA4-6, 7, 9



XA4-3



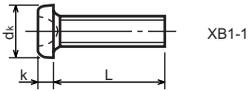
XA4-8



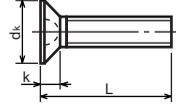
XA4-5

Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)						
		M1.4	M1.6	M1.7	M2	M2.5	M2.6	
XA4-1	With tapered end pan head Class 1 絞りなべ1種	D XA4-1	2	2.4	2.5	3	3.8	4
		H XA4-1	0.5	0.55	0.5	0.6	0.9	0.8
XA4-2	With tapered end pan head Class 3 絞りなべ3種	D XA4-2	2.5	2.8	3	3.5	4.3	4.5
		H XA4-2	0.8	0.85	0.9	1	1.3	1.2
XA4-3	With tapered end countersunk head 絞り-さら	D XA4-3	2	2.4	2.5	3	3.8	4
		H XA4-3	0.48	0.55	0.58	0.73	0.85	0.93
XA4-4	With tapered end pan head Class 2 絞りなべ2種	D XA4-4	2.5	2.8	3	3.5	4.3	4.5
		H XA4-4	0.5	0.55	0.5	0.6	0.9	0.8
XA4-5	With parallel end ultra thin head ストレート-超薄頭	D XA4-5	2.5	2.8	3	-	-	-
		H XA4-5	0.2	0.2	0.2	-	-	-
XA4-6	With parallel end pan head Class 1 ストレートなべ1種	D XA4-6	2	2.4	2.5	3	3.8	4
		H XA4-6	0.5	0.55	0.5	0.6	0.9	0.8
XA4-7	With parallel end pan head Class 3 ストレートなべ3種	D XA4-7	2.5	2.8	3	3.5	4.3	4.5
		H XA4-7	0.8	0.85	0.9	1	1.3	1.2
XA4-8	With parallel end countersunk head ストレート-さら	D XA4-8	2	2.4	2.5	3	3.8	4
		H XA4-8	0.48	0.55	0.58	0.73	0.85	0.93
XA4-9	With parallel end pan head Class 2 ストレートなべ2種	D XA4-9	2.5	2.8	3	3.5	4.3	4.5
		H XA4-9	0.5	0.55	0.5	0.6	0.9	0.8

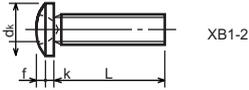
1-3. Cross Recessed Head Screws
 一般用十字穴付き小ねじ



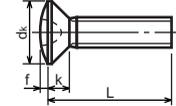
XB1-1



XB1-3



XB1-2

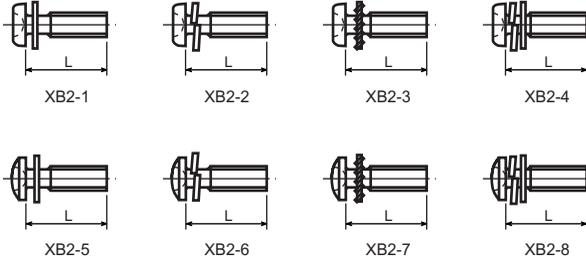


XB1-4

Type No. 類別番号	Type 類別
XB1-1	Pan head なべ
XB1-2	Binding head バインド
XB1-3	Countersunk head さら
XB1-4	Oval countersunk head 丸さら

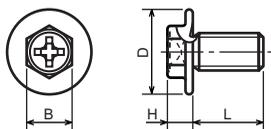
		Head size (mm) 頭部寸法 (mm)					
		M2	M2.5	M2.6	M3	M4	M5
dk	XB1-1	3.5	4.5	4.5	5.5	7	9
k	XB1-1	1.3	1.7	1.7	2	2.6	3.3
dk	XB1-2	4.3	5.3	5.5	6.3	8.3	10.3
k+f	XB1-2	1.2	1.5	1.6	1.9	2.5	3.1
dk	XB1-3	4	5	-	6	8	10
k	XB1-3	1.2	1.45	-	1.75	2.3	2.8
dk	XB1-4	4	5	-	6	8	10
k+f	XB1-4	1.6	2	-	2.45	3.2	4
Screw part length ねじ部長さ b		8	12	12	12	16	20

1-4. Cross Recessed Head Screws with Captive Washer
座金組み十字穴付き小ねじ



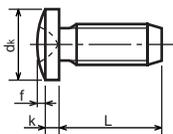
Type No. 類別番号	Type 類別
XB2-1	Pan head + Plain washer (circular bright) なべねじ+平座金
XB2-2	Pan head + Spring washer なべねじ+ばね座金
XB2-3	Pan head + Toothed lock washer なべねじ+歯付座金
XB2-4	Pan head + Spring washer and plain washer (circular bright) なべねじ+(ばね+平)座金
XB2-5	Binding head + Plain washer (circular bright) バインドねじ+平座金
XB2-6	Binding head + Spring washer バインドねじ+ばね座金
XB2-7	Binding head + Toothed lock washer バインドねじ+歯付座金
XB2-8	Binding head + Spring washer and plain washer (circular bright) バインドねじ+(ばね+平)座金

1-5. Hexagon Head Tapping Screws for Metallic Materials
 金属用六角タッピンねじ



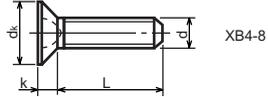
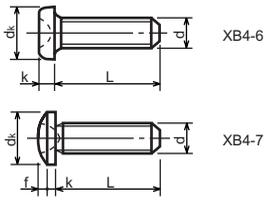
Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)	
		M3	M4
XB3-6	For metallic materials 金属用タッピン	D	8 10
		B	5.5 5.5
XB3-7	For metallic materials with clawed 金属用タッピン-つめ付き	H XB3-6	3.1 3.1
		H XB3-7	3.2 3.2

1-6. Special Tapping Screws
 特殊タッピンねじ



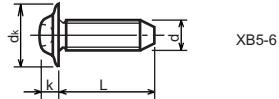
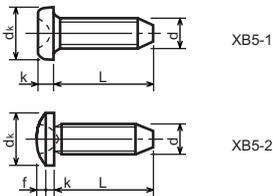
Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)	
		M3	M4
XB4-5	Binding head バインド	d _k	6.3 8.3
		k	1.3 1.7
		k+f	1.9 2.5

1-7. General Head Tapping Screws
一般用タッピンねじ



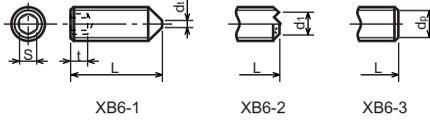
Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)						
		M2	M2.5	M2.6	M3	M4	M5	
XB4-6	Pan head なべ	d_k XB4-6	3.5	4.5	4.5	5.5	7	9
		k XB4-6	1.3	1.7	1.7	2	2.6	3.3
XB4-7	Binding head バインド	d_k XB4-7	4.3	5.3	5.5	6.3	8.3	10.3
		$k+f$ XB4-7	1.2	1.5	1.6	1.9	2.5	3.1
XB4-8	Countersunk head さら	d_k XB4-8	4	5	5.2	6	8	10
		k XB4-8	1.2	1.45	1.5	1.75	2.3	2.8

1-8. Tapping Screws for Metallic Materials
金属用タッピンねじ



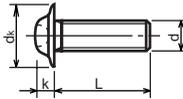
Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)					
		M2.5	M2.6	M3	M4	M5	
XB5-1	Pan head なべ	d_k XB5-1	4.5	4.5	5.5	7	9
		k XB5-1	1.7	1.7	2	2.6	3.3
XB5-2	Binding head バインド	d_k XB5-2	5.5	5.5	6.3	8.3	10.3
		$k+f$ XB5-2	1.6	1.6	1.9	2.5	3.1
XB5-6	Flanged pan head つば付きなべ	d_k XB5-6	6.5	6.5	8	10	12
		k XB5-6	2.1	2.1	1.75	3.2	4

1-9. Hexagon Socket Set Screws
六角穴付止めねじ



Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)							
		M1.6 M1.7	M2	M2.5 M2.6	M3	M5	M5	M6	
XB6-1	Cone point とがり先	S	0.7	0.9	1.3	1.5	2	2.5	3
		t	1.5	1.7	2	2	2.5	3	3.5
		$d_{t \max}$ XB6-1	0.4	0.5	0.65	0.75	1	1.25	1.5
		$d_{l \max}$ XB6-2	-	1.2	1.5	1.7	2.2	2.8	3.3
		$d_{l \min}$ XB6-2	-	1	1.2	1.4	1.9	2.4	2.9
XB6-3	Flat point 平先	$d_{p \max}$ XB6-3	0.8	1	1.5	2	2.5	3.5	4
		$d_{p \min}$ XB6-3	0.55	0.75	1.25	1.75	2.25	3.2	3.7

1-10. Flanged Pan Head Machine Screws
つば付きなべ小ねじ



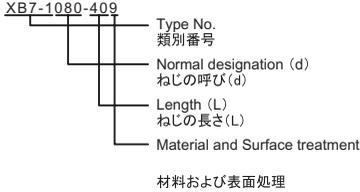
Type No. 類別番号	Type 類別	Head size (mm) 頭部寸法 (mm)					
		M2	M2.5 M2.6	M3	M5	M5	
XB6-7	Flanged pan head つば付きなべ	d_k	5	6.5	8	10	12
		k	1.7	2.1	2.5	3.2	4

FIGURE ZZC MECHANICAL STANDARD PARTS (BOLTS)

2. Bolts (Socket head cap screw) ボルト

How to read Parts Numbers
部品番号の見方

Bolt (Socket head cap screw)
ボルト



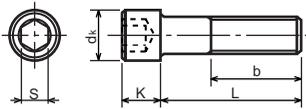
XB7-1 expresses Hexagon socket head cap screws.
XB7-1は、六角穴付きボルトを表す

080 expresses M8.0.
080は、M8.0を表す

40 expresses a length of 40mm.
40は、40mmの長さを表す

9 expresses Steel (Black zinc trivalent chromate treating) from Table 1.
9は、表1より鋼(黒色亜鉛3価クロメート)を表す

2-1. Hexagon socket head cap screws 六角穴付きボルト



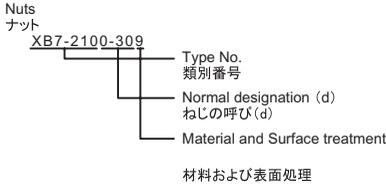
Type No. 類別番号	Type 類別
XB7-1	Hexagon socket head cap screws 六角穴付きボルト

	Head size (mm) 頭部寸法 (mm)						
	M3	M4	M5	M6	M8	M10	M12
S	2.5	3	4	5	6	8	10
d _k	5.5	7	8.5	10	13	16	18
K	3	4	5	6	8	10	12
Screw part length ねじ部長さ b _{max}	18	20	22	24	28	32	36

FIGURE ZZD MECHANICAL STANDARD PARTS (NUTS)

3. Nuts ナット

How to read Parts Numbers
部品番号の見方

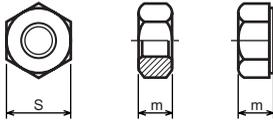


XB7-210 expresses Hexagon nut class 1.
XB7-210は、六角ナット1種を表す

0-30 expresses M3.0.
0-30は、M3.0を表す

9 expresses Steel (Black zinc trivalent chromate treating) from Table 1.
9は、表1より鋼(黒色亜鉛3価クロメート)を表す

3-1. Hexagon Nuts and Hexagon Thin Nuts 六角ナット



Type No. 類別番号	Type 類別
XB7-210	Hexagon nut Class 1 六角ナット-1種
XB7-220	Hexagon nut Class 3 六角ナット-3種
XB7-230	Hexagon nut Style 1 double chamfered 六角ナット-スタイル1-両面とり
XB7-231	Hexagon nut Style 1 washer faced 六角ナット-スタイル1-座付き
XB7-240	Hexagon nut Style 2 double chamfered 六角ナット-スタイル2-両面とり
XB7-241	Hexagon nut Style 2 washer faced 六角ナット-スタイル2-座付き
XB7-250	Hexagon nut 六角ナット
XB7-260	Hexagon thin nut double chamfered 六角低ナット-両面とり
XB7-270	Hexagon thin nut not chamfered 六角低ナット-面とり無し

	Head size (mm) 頭部寸法 (mm)						
	M2	M2.5	M3	M4	M5	M6	M8
S	4	5	5.5	7	8	10	13
m XB7-210	1.6	2	2.4	3.2	4	5	6.5
m XB7-220	1.2	1.6	1.8	2.4	3.2	3.6	5
m XB7-230, 231	1.6	2	2.4	3.2	4.7	5.2	6.8
m XB7-240, 241	-	-	-	-	5.1	5.7	7.5
m XB7-250	-	-	-	-	5.6	6.1	7.9
m XB7-260	1.2	1.6	1.8	2.2	2.7	3.2	4
m XB7-270	1.2	1.6	1.8	2.2	2.7	3.2	4

FIGURE ZZE MECHANICAL STANDARD PARTS (RETAINING RINGS)

5. Retaining Rings

止め輪

How to read Parts Numbers
部品番号の見方

Retaining Rings

止め輪

XD2-1100-202

Type No.
類別番号

Nominal designation
呼び

Material and Surface treatment
材料および表面処理

XD2-110 expresses retaining ring-E type (Type1).
XD2-110は、E形止め輪(1種)を表す

0-20 expresses a 020 of nominal designation.
(See Table 5)

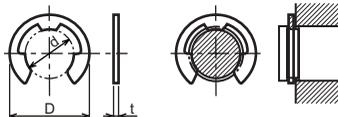
0-20は、呼び020を表す(表5参照)

2 expresses Stainless steel (Surface treatment is not to be given) from Table 1.

2は、表1よりステンレス(表面処理なし)を表す

5-1. Retaining Rings - E type

E形止め輪

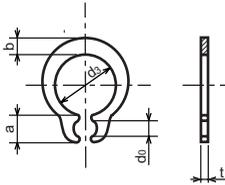


Type No. 類別番号	Type 類別
XD2-110	Retaining ring - E type (Type 1) E形止め輪(1種)
XD2-120	Retaining ring - E type (Type 2) E形止め輪(2種)

Table 5 表5

Type 種類	Nominal designation 呼び	d (mm)	D (mm)	t (mm)
Type 1 1種	007	0.65	2	0.2
	010	0.95	2.8	0.2
	013	1.25	3.3	0.3
	017	1.65	4.2	0.4
	020	1.95	4.6	0.5
	024	2.35	6	0.6
	028	2.74	6.5	0.6
	032	3.14	7.2	0.6
	037	3.64	8	0.7
	040	3.93	10	0.7
	042	4.13	10	0.7
	050	4.93	11	0.7
	058	5.73	12	0.7
	060	5.93	12.7	0.9
	064	6.32	13.5	0.9
	074	7.31	15	0.9
080	7.91	16.5	1	
Type 2 2種	008	0.8	2	0.2
	012	1.2	3	0.3
	015	1.5	4	0.4
	020	2	5	0.4
	025	2.5	6	0.4
	030	3	7	0.6
	040	4	9	0.6
	050	5	11	0.6
	060	6	12	0.8
	070	7	14	0.8
	080	8	16	0.8
	090	9	18	0.8
	100	10	20	1

5-2. Grip Rings
グリップ止め輪

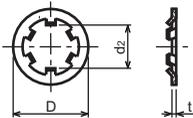


Type No. 類別番号	Type 類別
XD2-210	Grip ring グリップ止め輪

Table 5 表5

Nominal designation 呼び	d_3 (mm)	t (mm)	b (mm)	a (mm)	d_0 (mm)
020	1.9	0.5	1	1.8	0.8
025	2.35	0.5	1.2	1.9	0.9
030	2.85	0.6	1.4	1.9	0.9
035	3.3	0.6	1.6	2	0.9
040	3.8	0.8	1.8	2.8	1.2
045	4.25	0.8	2	2.9	1.3
050	4.75	0.8	2.2	2.9	1.3
060	5.7	1	2.4	3.1	1.4
070	6.7	1	2.7	3.3	1.4
080	7.7	1	3	3.5	1.4
090	8.65	1.2	3.3	4.7	1.5
100	9.65	1.2	3.5	4.7	2

5-3. Toothed Retaining Rings
歯付き形止め輪



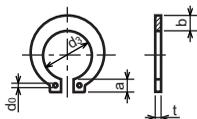
Type No. 類別番号	Type 類別
XD2-230	Toothed retaining ring 歯付き形止め輪

Table 5 表5

Nominal designation 呼び	d_z (mm)	D (mm)	t (mm)	No of teeth 歯数
015	1.4	5.2	0.25	3
020	1.9	6	0.25	3
024	2.3	6.4	0.25	3
030	2.8	8	0.25	4
040	3.8	9	0.25	4
050	4.8	10	0.25	5
060	5.8	11	0.25	5
080	7.8	13	0.25	5
100	9.8	15.4	0.25	6

5-4. Retaining Rings - C Type

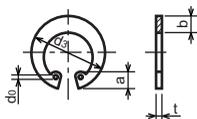
C形止め輪



Type No. 類別番号	Type 類別
XD2-310	Retaining ring - C type for shaft C形止め輪 軸用

Table 5 表5

Nominal designation 呼び	d ₃ (mm)	t (mm)	b (mm)	a (mm)	d ₀ (mm)
010	9.3	1	1.6	3	1.2
012	11.1	1	1.8	3.2	1.5
014	12.9	1	2	3.4	1.7
015	13.8	1	2.1	3.5	1.7
016	14.7	1	2.2	3.6	1.7
017	15.7	1	2.2	3.7	1.7
018	16.5	1.2	2.6	3.8	1.7
020	18.5	1.2	2.7	3.9	2
022	20.5	1.2	2.7	4.1	2
025	23.2	1.2	3.1	4.3	2
028	25.9	1.5	3.1	4.6	2
030	27.9	1.5	3.5	4.8	2
032	29.6	1.5	3.5	5	2.5
035	32.2	1.5	4	5.4	2.5



Type No. 類別番号	Type 類別
XD2-320	Retaining ring - C type for hole C形止め輪 穴用

Table 5 表5

Nominal designation 呼び	d ₃ (mm)	t (mm)	b (mm)	a (mm)	d ₀ (mm)
010	10.7	1	1.8	3.1	1.2
011	11.8	1	1.8	3.2	1.2
012	13	1	1.8	3.3	1.5
014	15.1	1	2	3.6	1.7
016	17.3	1	2	3.7	1.7
018	19.5	1	2.5	4	1.7
019	20.5	1	2.5	4	2
020	21.5	1	2.5	4	2
022	23.5	1	2.5	4.1	2
025	26.9	1.2	3	4.4	2
028	30.1	1.2	3	4.6	2
030	32.1	1.2	3	4.7	2
032	34.4	1.2	3.5	5.2	2.5
035	37.8	1.5	3.5	5.2	2.5
037	39.8	1.5	3.5	5.2	2.5
040	43.5	1.8	4	5.7	2.5
042	45.5	1.8	4	5.8	2.5
045	48.5	1.8	4.5	5.9	2.5
047	50.5	1.8	4.5	6.1	2.5
050	54.2	2	4.5	6.5	2.5
052	56.2	2	5.1	6.5	2.5
055	59.2	2	5.1	6.5	2.5
060	64.2	2	5.1	6.8	2.5
062	66.2	2	5.5	6.9	2.5
068	72.5	2.5	6	7.4	2.5
072	76.5	2.5	6.6	7.4	2.5
075	79.5	2.5	6.6	7.8	2.5
080	85.5	2.5	7	8	2.5
085	90.5	3	7	8	3
090	95.5	3	7.6	8.3	3
095	100.5	3	8	8.5	3

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