

Digital B&W Copiers

(M145/M163-17)

Parts Catalog

Parts change information sample

 **Add**

 **Update**

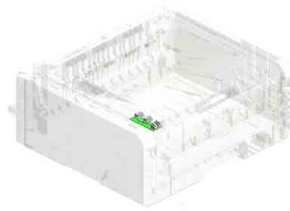
 **Delete**

Model	Product Code	PC Style
Digital Copier	M133/M134/M135/M141/M142/M143 /M144/M145/M146/M147/M148/M149 /M150/M151/M162/M163/M164/M165 /M166/M167/M168/M169/M191	3D

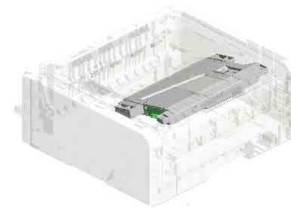
Unit All



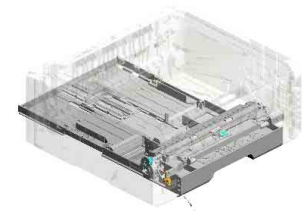
U001
EXTERIOR



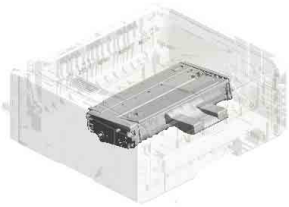
U002
OPERATION



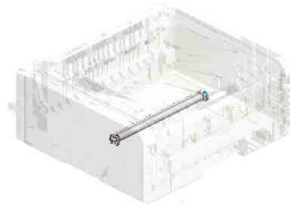
U003
LASER UNIT



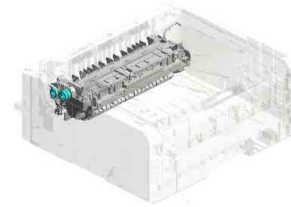
U004
PAPER FEED



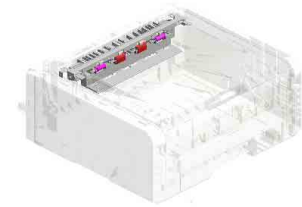
U005
PCU



U006
TRANSFER/SEPARATION



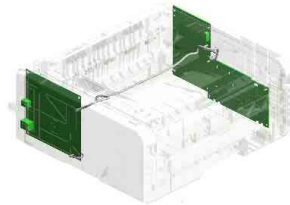
U007
FUSING



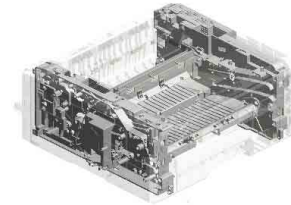
U008
PAPER EXIT



U009
MAIN DRIVE

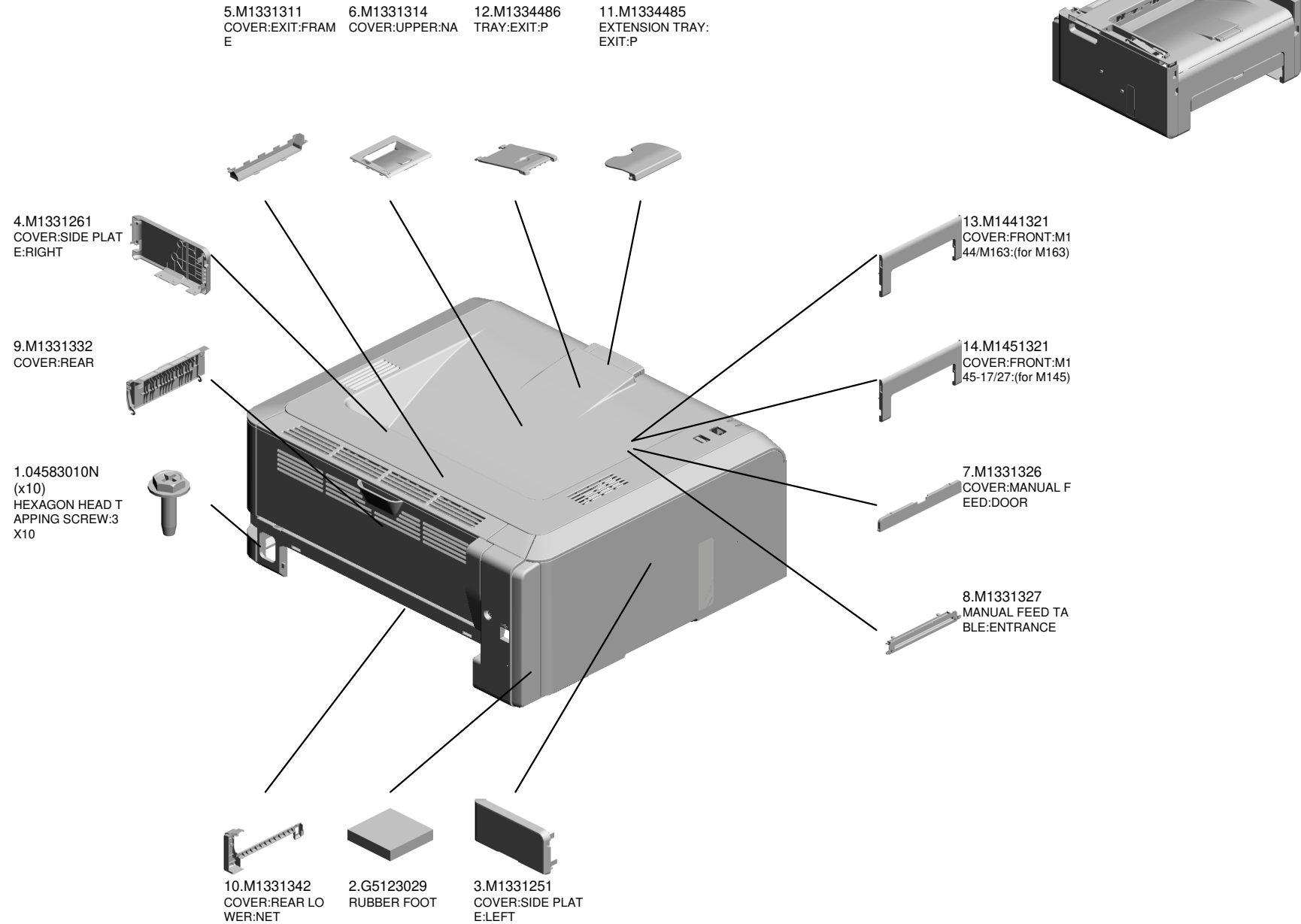


U010
ELECTRICAL



U011
MAIN FRAME

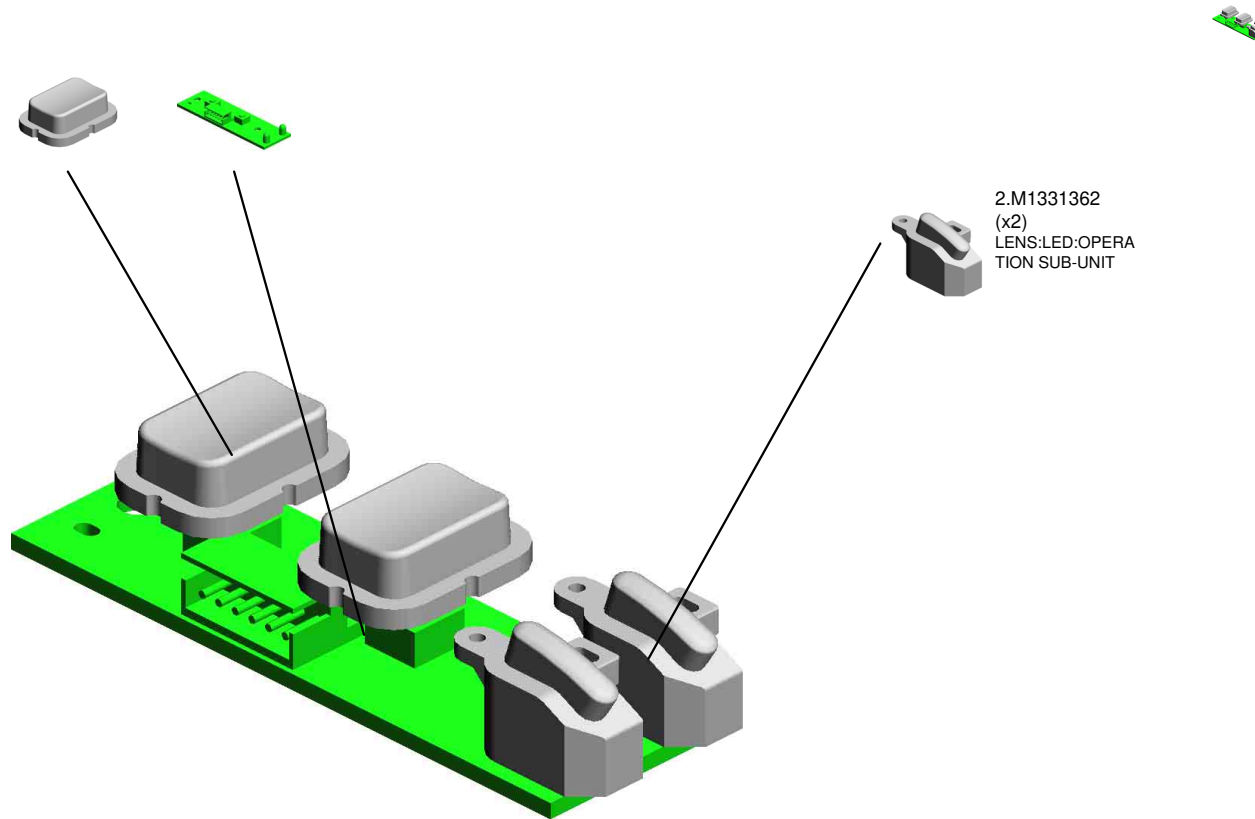
U001 EXTERIOR



U002 OPERATION

1.M1331352
(x2)
KEY:OPERATION S
UB-UNIT

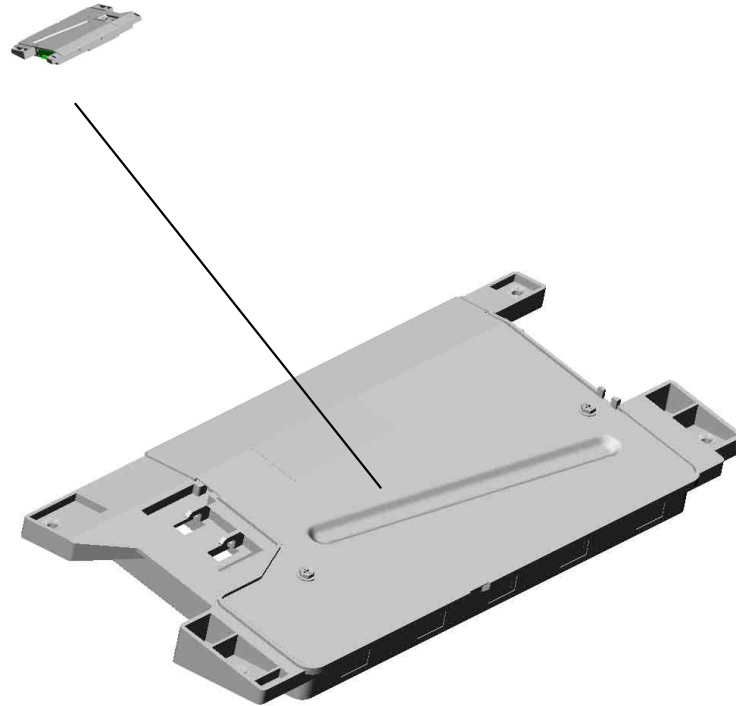
3.M1335063
PCB:OPU



2.M1331362
(x2)
LENS:LED:OPERA
TION SUB-UNIT

U003.LASER UNIT

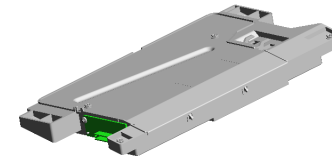
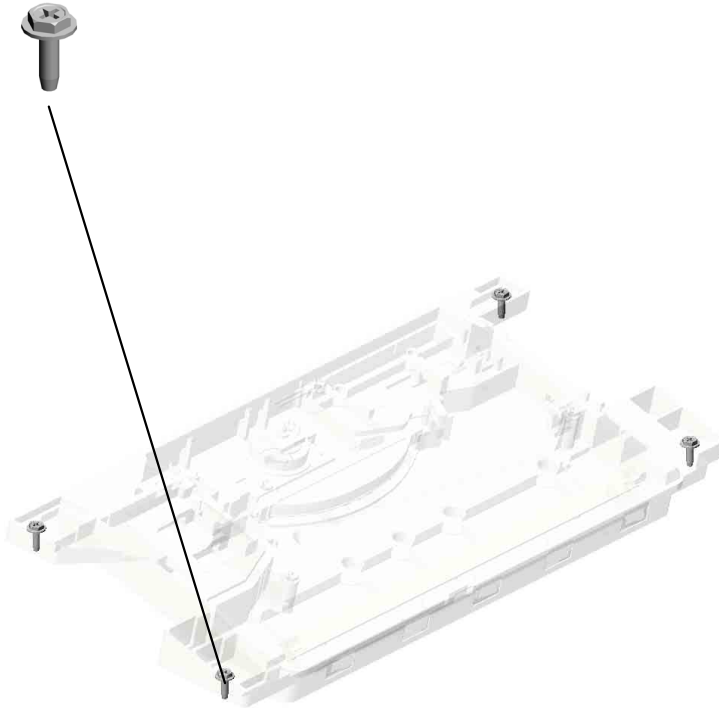
U003 S001
M1331850
OPTICAL WRITING UNIT



U001	U002	U003	U004	U005	U006	U007	U008	U009	U010	U011
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U003 LASER UNIT

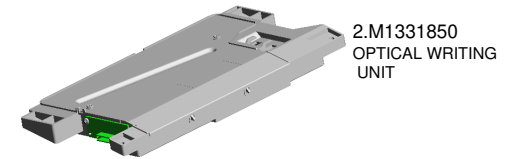
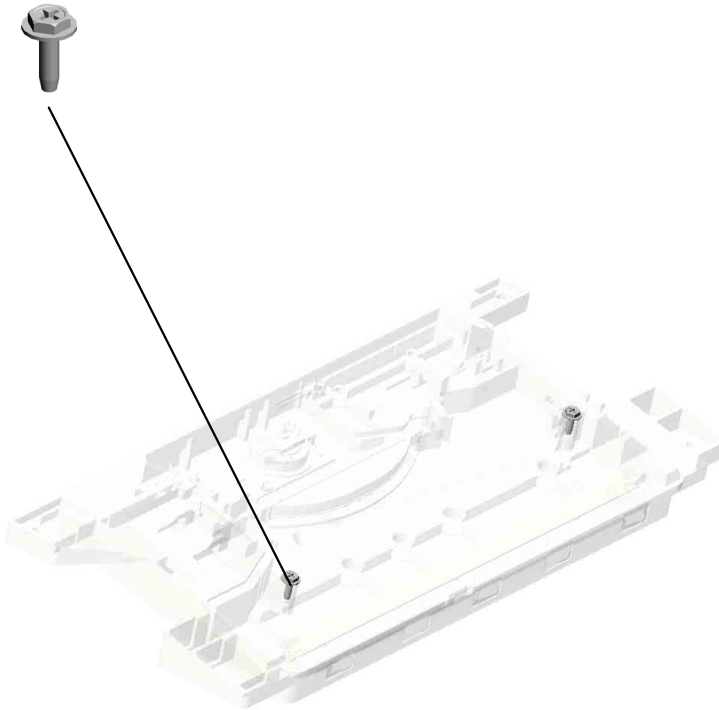
1.04583010N
(x4)
HEXAGON HEAD TAPPING SCREW:3
X10



U001	U002	U003	U004	U005	U006	U007	U008	U009	U010	U011
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U003_S001 OPTICAL WRITING UNIT

1.04583010N
(x2)
HEXAGON HEAD TAPPING SCREW:3
X10

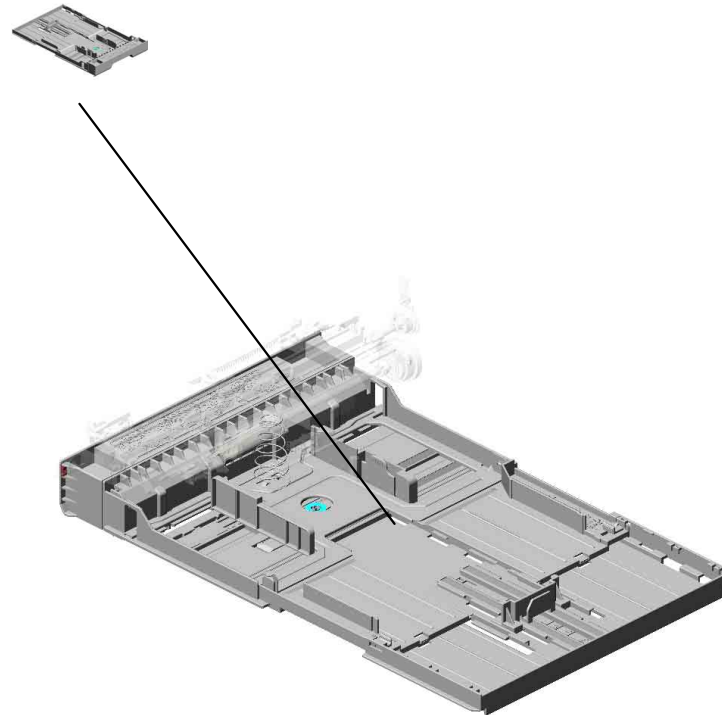


2.M1331850
OPTICAL WRITING
UNIT

U001	U002	U003	U004	U005	U006	U007	U008	U009	U010	U011
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U004.PAPER FEED

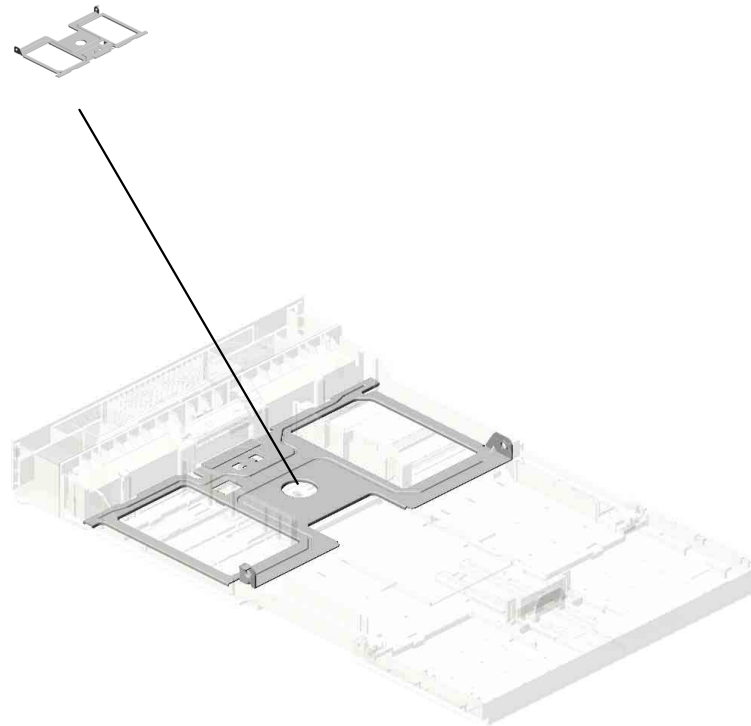
U004 S001
M1332501
PAPER TRAY:ASS'Y



U001	U002	U003	U004	U005	U006	U007	U008	U009	U010	U011
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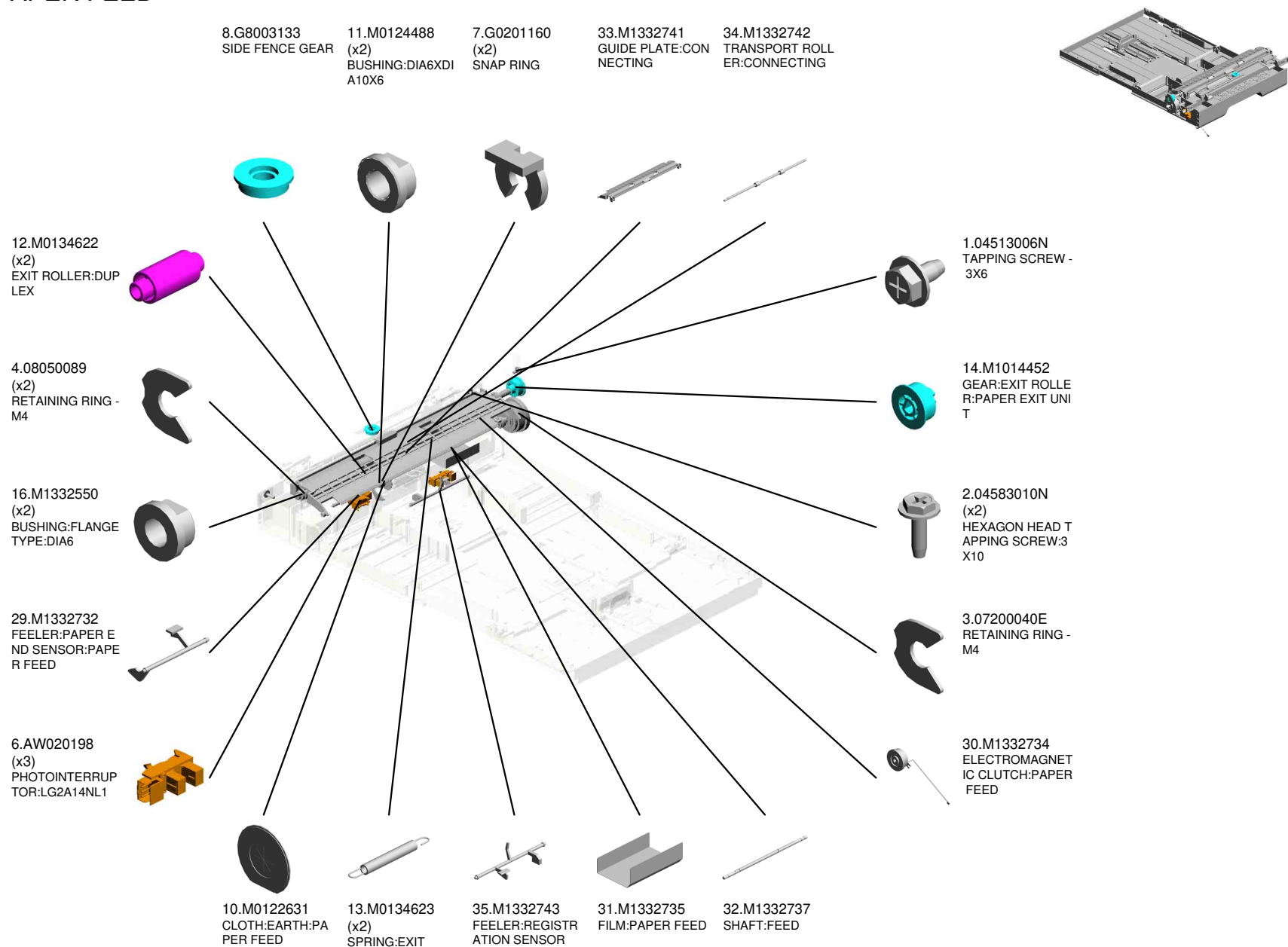
U004_S001.PAPER TRAY:ASS'Y

U004 S001 S001
M1332610
TRAY BOTTOM PLATE

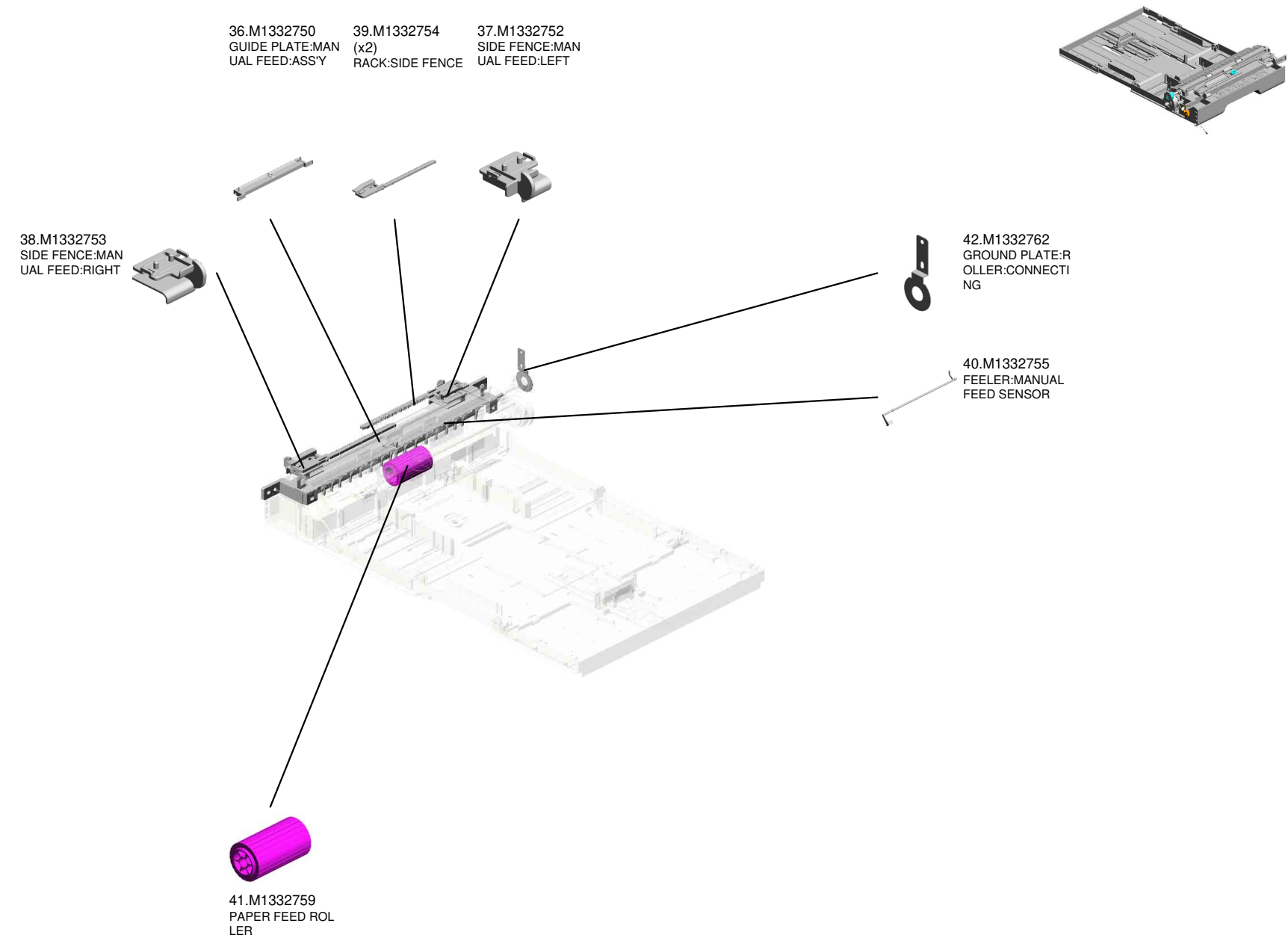


U001	U002	U003	U004	U005	U006	U007	U008	U009	U010	U011
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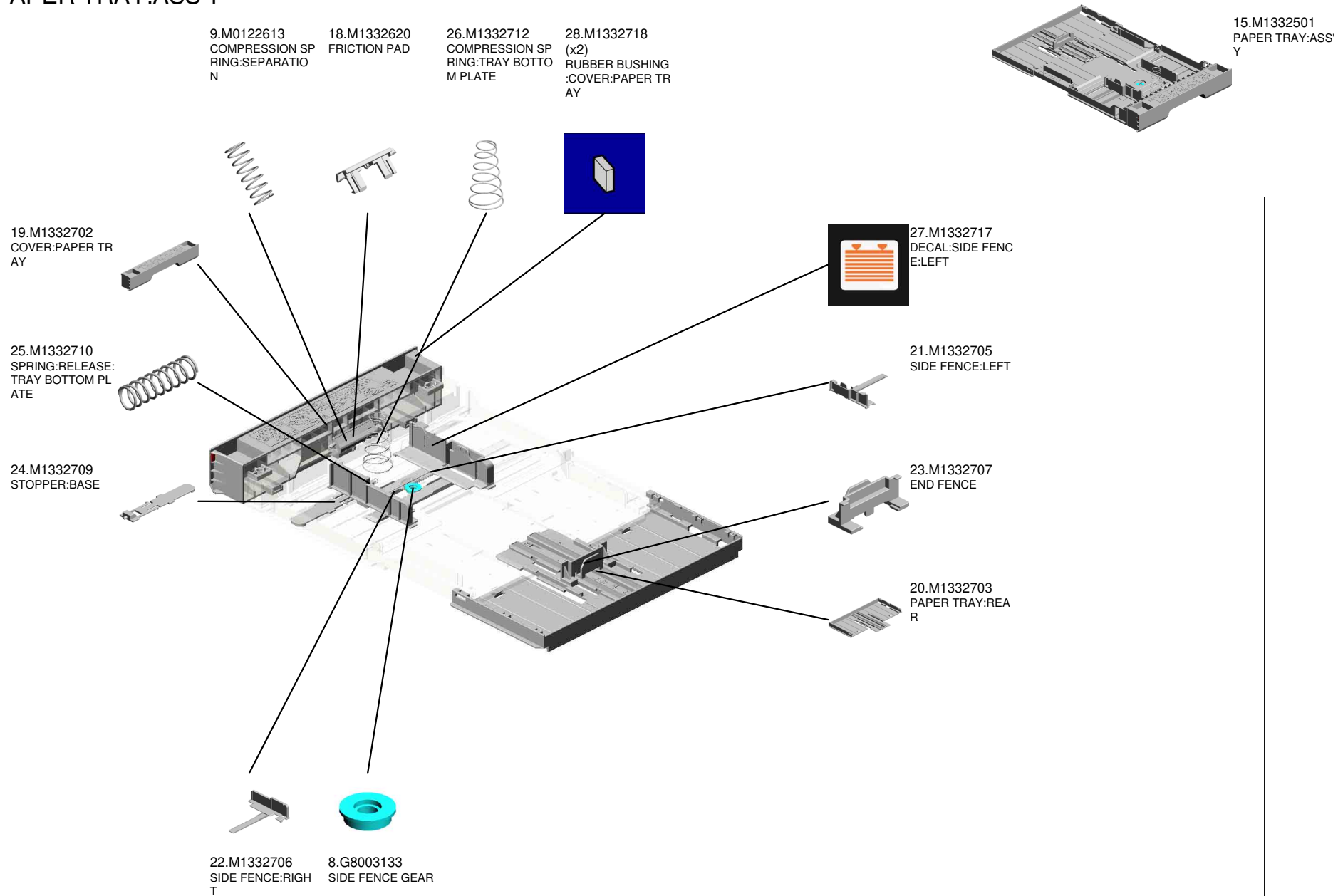
U004 PAPER FEED



U004
PAPER FEED



U004_S001 PAPER TRAY:ASS'Y



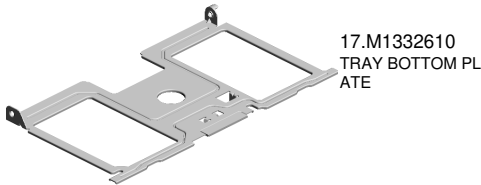
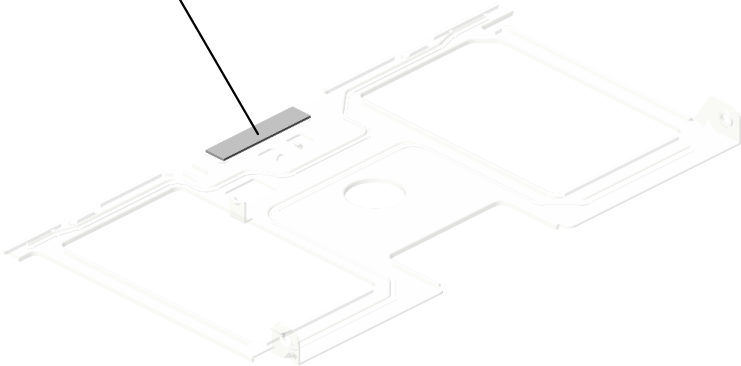
U004_S001_S001
TRAY BOTTOM PLATE

5.GF013001

[A]

BOTTOM PLATE P
AD
202001-01 O/O





17.M1332610
TRAY BOTTOM PL
ATE



52152713

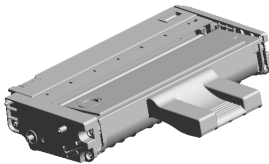
[A]

BOTTOM PLATE P
AD
202001-01 O/O

U001	U002	U003	U004	U005	U006	U007	U008	U009	U010	U011
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U005
PCU

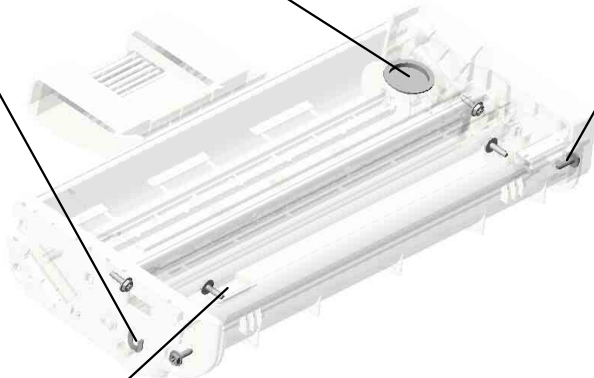
3.G0113941
CAP:TONER HOPP
ER:(for M163)



2.08050089
RETAINING RING -
M4



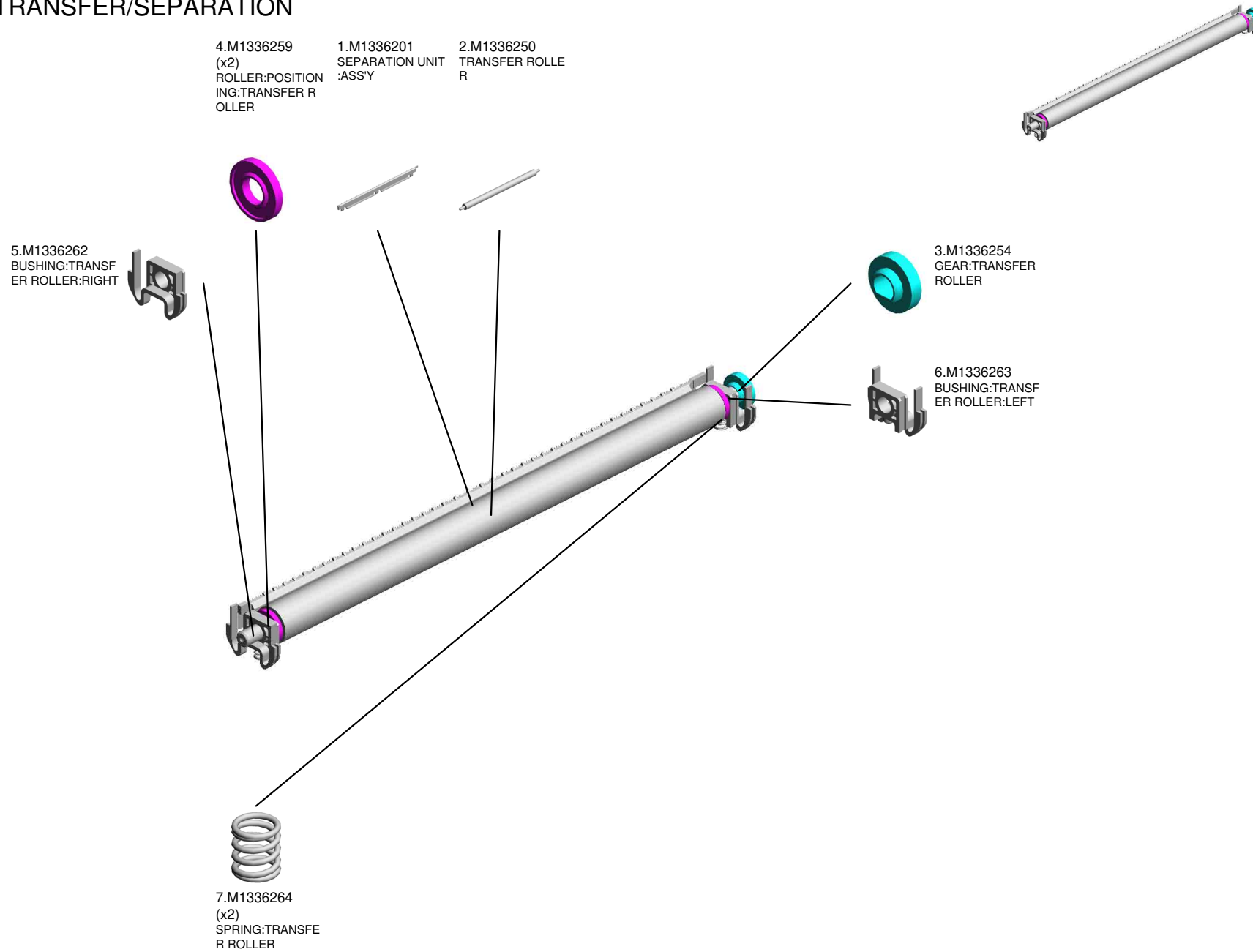
1.04583010N
(x6)
HEXAGON HEAD T
APPING SCREW:3
X10



4.M1013651
CAP:USED TONER:
(for M163)
201406-01

U001	U002	U003	U004	U005	U006	U007	U008	U009	U010	U011
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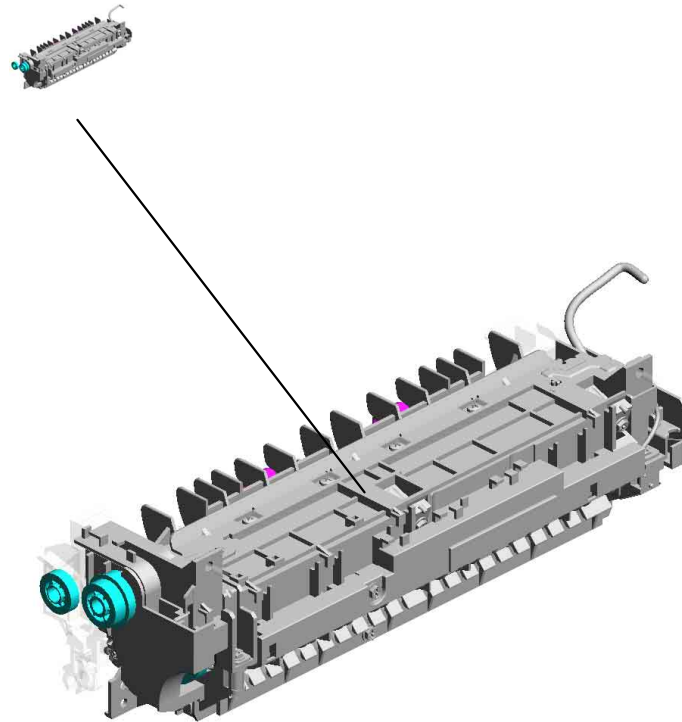
U006 TRANSFER/SEPARATION



U001	U002	U003	U004	U005	U006	U007	U008	U009	U010	U011
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U007.FUSING

U007 S001
M1494003
FUSING UNIT:NA:ASS'Y



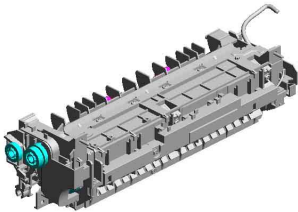
U001	U002	U003	U004	U005	U006	U007	U008	U009	U010	U011
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U007
FUSING

30.M1334240
EXIT ROLLER:STR
AIGHT

20.M1334220
COIL SPRING:FEE
LER:EXIT

16.M1334216
GUIDE PLATE:STR
AIGHT



36.M1334254
DECAL:WARNING (HIGH TEMPERATU
RE):REAR RART



2.04503014N
(x2)
TAPPING SCREW:
M3X14



19.M1334219
FEELER:EXIT:SEN
SOR



26.M1334228
COVER:FEELER



7.AW020198
PHOTOINTERRUP
TOR:LG2A14NL1



5.04583012N
(x2)
HEXAGON HEAD T
APPING SCREW:3
X12



U001	U002	U003	U004	U005	U006	U007	U008	U009	U010	U011
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U007_S001

FUSING UNIT:NA:ASS'Y

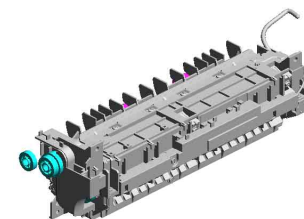
3.04523014N
(x4)
BINDING SELF-TAPPING SCREW:M3
X14

15.M1334208
(x2)
PLAIN SHAFT BEARING RING:HOT ROLLER

22.M1334223
(x3)
TENSION SPRING: PICKOFF PAWL

21.M1334221
(x3)
STRIPPER PAWLS

9.M1014203
HOT ROLLER



46.M1494003
FUSING UNIT:NA:ASS'Y

27.M1334229
LEVER:PRESSURE
:LEFT

13.M1014235
RETAINING RINGS
-C:HOT ROLLER:LEFT

10.M1014210
GEAR:HOT ROLLER

11.M1014214
(x2)
PLAIN SHAFT BEARING RING:PRESSURE ROLLER

18.M1334218
(x2)
LEVER:PRESSURE

14.M1334204
PRESSURE ROLLER: DIA25

17.M1334217
FUSING ENTRANCE GUIDE PLATE

1.04503012N
(x2)
TAPPING SCREW: 3X12

23.M1334225
FUSING ENTRANCE GUIDE PLATE: UPPER

8.AW110101
THERMOSTAT:LOWER

24.M1334226
FLAT NUT:HEATER

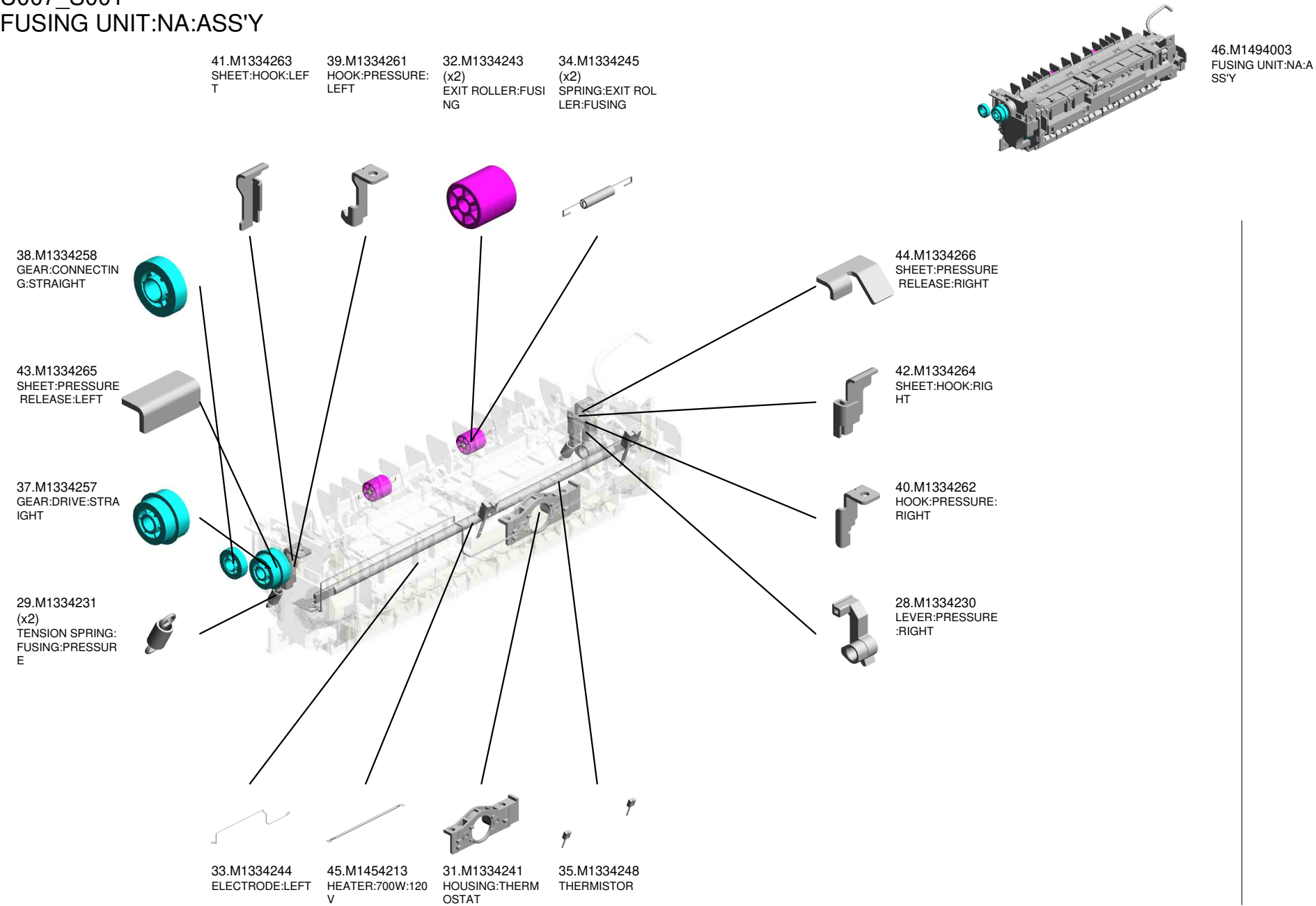
12.M1014222
RETAINING RINGS
-C:HOT ROLLER:RIGHT

25.M1334227
GROUND PLATE:FUSING UNIT

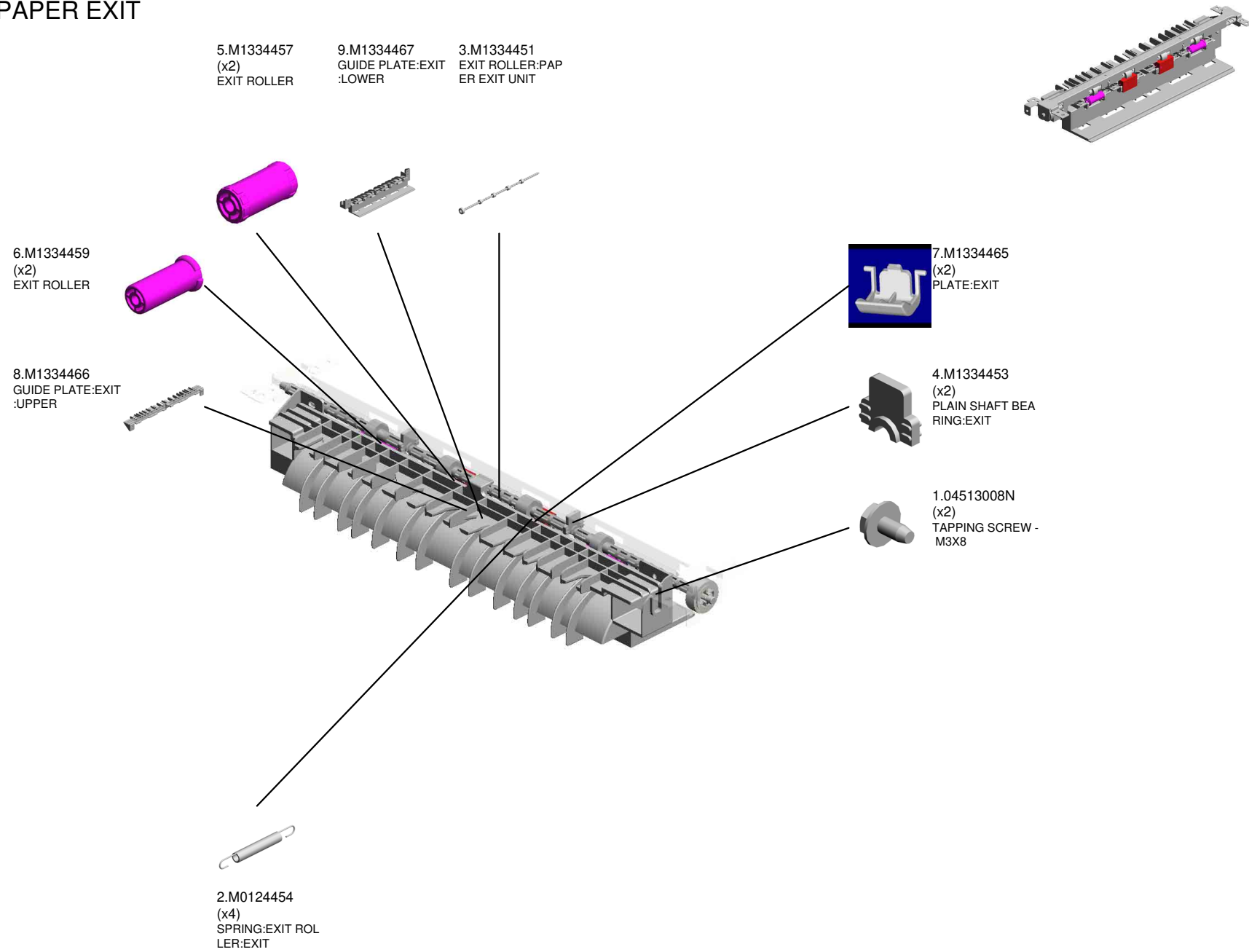
4.04583010N
(x7)
HEXAGON HEAD TAPPING SCREW:3 X10

6.08046127
(x4)
HEXAGONAL BOLT:DOUBLE SCREW: M3X8

U007_S001
FUSING UNIT:NA:ASS'Y

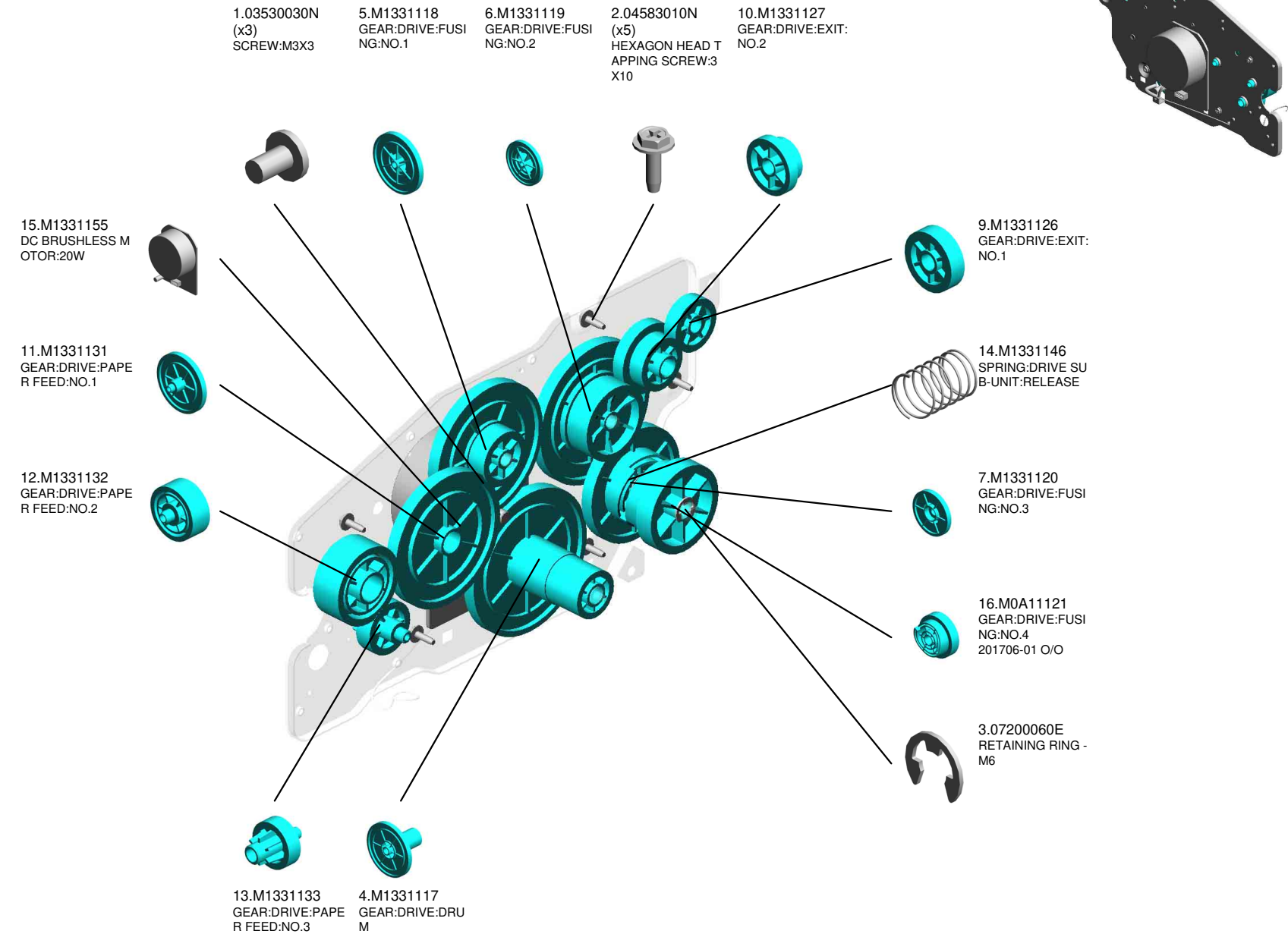


U008 PAPER EXIT

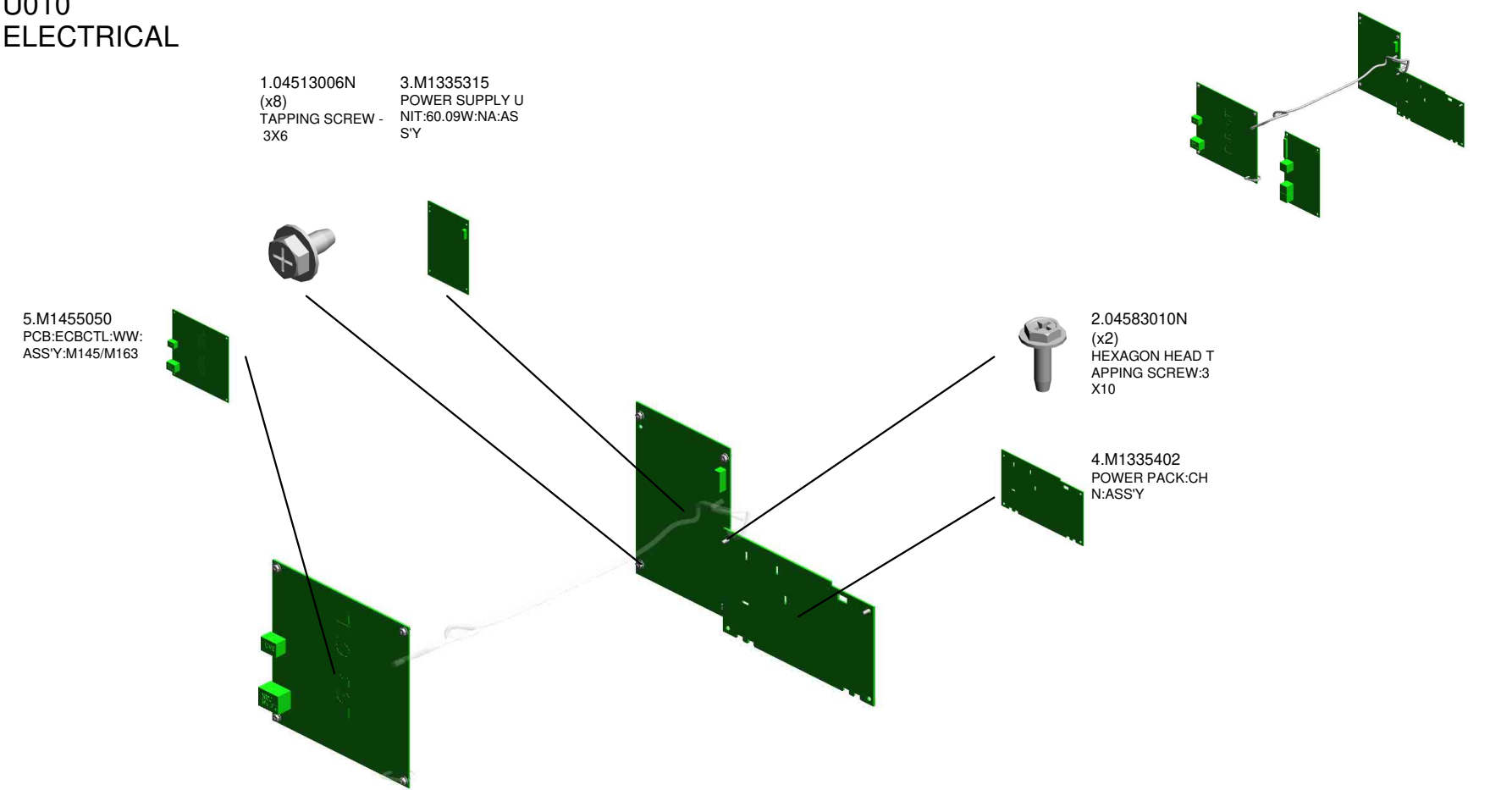


U001	U002	U003	U004	U005	U006	U007	U008	U009	U010	U011
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U009
MAIN DRIVE

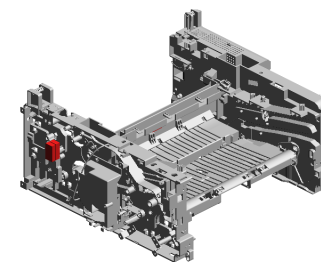
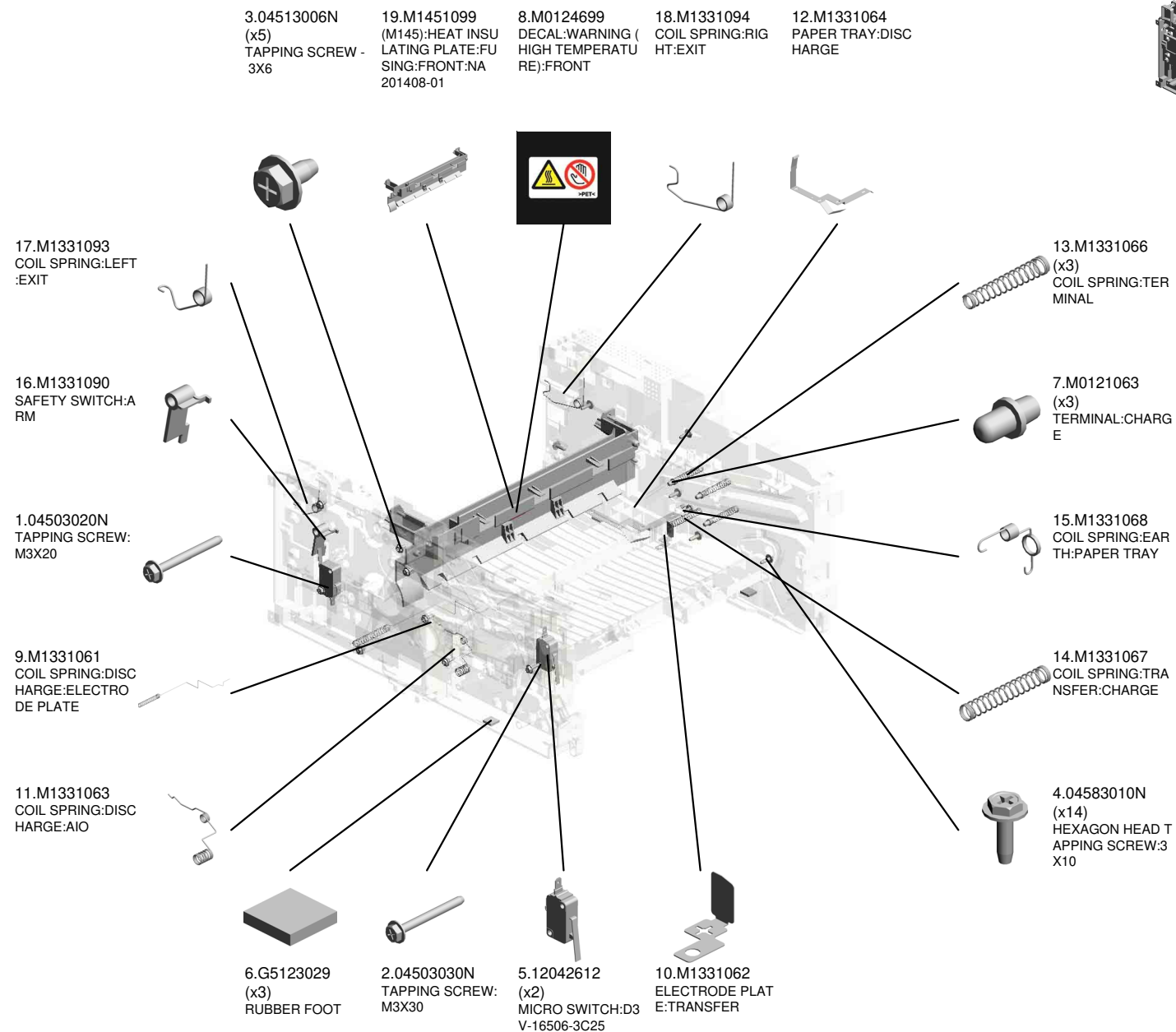


U010
ELECTRICAL



U001	U002	U003	U004	U005	U006	U007	U008	U009	U010	U011
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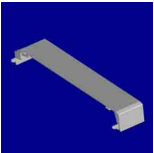
U011 MAIN FRAME



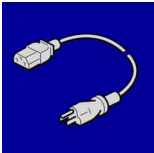
ACCESSORIES



1.M1011301
PLATE:LOGO:RIC



2.M1332715
COVER:PREVENTFENCE:PAPER TR
AY:A4



3.M1545697
POWER SUPPLY CORD:125V:10A:NA

Exclusive Parts

Number	Part Name	Group	ID
AW020198	PHOTOINTERRUPTOR:LG2A14NL1	U004	6
		U007	7
AW110101	THERMOSTAT:LOWER	U007_S001	8
G0113941	CAP:TONER HOPPER:(for M163)	U005	3
G0201160	SNAP RING	U004	7
G5123029	RUBBER FOOT	U001	2
		U011	6
G8003133	SIDE FENCE GEAR	U004	8
		U004_S001	8
GF013001	BOTTOM PLATE PAD	U004_S001_S001	5
M0121063	TERMINAL:CHARGE	U011	7
M0122613	COMPRESSION SPRING:SEPARATION	U004_S001	9
M0122631	CLOTH:EARTH:PAPER FEED	U004	10
M0124454	SPRING:EXIT ROLLER:EXIT	U008	2
M0124488	BUSHING:DIA6XDIA10X6	U004	11
M0124699	DECAL:WARNING (HIGH TEMPERATURE):FRONT	U011	8
M0134622	EXIT ROLLER:DUPLEX	U004	12
M0134623	SPRING:EXIT	U004	13
M0A11121	GEAR:DRIVE:FUSING:NO.4	U009	16
M1011301	PLATE:LOGO:RIC	ACCESSORIES	1
M1014203	HOT ROLLER	U007_S001	9
M1014210	GEAR:HOT ROLLER	U007_S001	10
M1014214	PLAIN SHAFT BEARING:PRESSURE ROLLER	U007_S001	11
M1014222	RETAINING RINGS-C:HOT ROLLER:RIGHT	U007_S001	12
M1014235	RETAINING RINGS-C:HOT ROLLER:LEFT	U007_S001	13
M1014452	GEAR:EXIT ROLLER:PAPER EXIT UNIT	U004	14
M1331061	COIL SPRING:DISCHARGE:ELECTRODE PLATE	U011	9
M1331062	ELECTRODE PLATE:TRANSFER	U011	10
M1331063	COIL SPRING:DISCHARGE:AIO	U011	11
M1331064	PAPER TRAY:DISCHARGE	U011	12
M1331066	COIL SPRING:TERMINAL	U011	13

Number	Part Name	Group	ID
M1331067	COIL SPRING:TRANSFER:CHARGE	U011	14
M1331068	COIL SPRING:EARTH:PAPER TRAY	U011	15
M1331090	SAFETY SWITCH:ARM	U011	16
M1331093	COIL SPRING:LEFT:EXIT	U011	17
M1331094	COIL SPRING:RIGHT:EXIT	U011	18
M1331117	GEAR:DRIVE:DRUM	U009	4
M1331118	GEAR:DRIVE:FUSING:NO.1	U009	5
M1331119	GEAR:DRIVE:FUSING:NO.2	U009	6
M1331120	GEAR:DRIVE:FUSING:NO.3	U009	7
M1331126	GEAR:DRIVE:EXIT:NO.1	U009	9
M1331127	GEAR:DRIVE:EXIT:NO.2	U009	10
M1331131	GEAR:DRIVE:PAPER FEED:NO.1	U009	11
M1331132	GEAR:DRIVE:PAPER FEED:NO.2	U009	12
M1331133	GEAR:DRIVE:PAPER FEED:NO.3	U009	13
M1331146	SPRING:DRIVE SUB-UNIT:RELEASE	U009	14
M1331155	DC BRUSHLESS MOTOR:20W	U009	15
M1331251	COVER:SIDE PLATE:LEFT	U001	3
M1331261	COVER:SIDE PLATE:RIGHT	U001	4
M1331311	COVER:EXIT:FRAME	U001	5
M1331314	COVER:UPPER:NA	U001	6
M1331326	COVER:MANUAL FEED:DOOR	U001	7
M1331327	MANUAL FEED TABLE:ENTRANCE	U001	8
M1331332	COVER:REAR	U001	9
M1331342	COVER:REAR LOWER:NET	U001	10
M1331352	KEY:OPERATION SUB-UNIT	U002	1
M1331362	LENS:LED:OPERATION SUB-UNIT	U002	2
M1331850	OPTICAL WRITING UNIT	U003_S001	2
M1332501	PAPER TRAY:ASS'Y	U004_S001	15
M1332550	BUSHING:FLANGE TYPE:DIA6	U004	16
M1332610	TRAY BOTTOM PLATE	U004_S001_S001	17
M1332620	FRICTION PAD	U004_S001	18
M1332702	COVER:PAPER TRAY	U004_S001	19
M1332703	PAPER TRAY:REAR	U004_S001	20
M1332705	SIDE FENCE:LEFT	U004_S001	21
M1332706	SIDE FENCE:RIGHT	U004_S001	22

Exclusive Parts

Number	Part Name	Group	ID
M1332707	END FENCE	U004_S001	23
M1332709	STOPPER:BASE	U004_S001	24
M1332710	SPRING:RELEASE:TRAY BOTTOM PLATE	U004_S001	25
M1332712	COMPRESSION SPRING:TRAY BOTTOM PLATE	U004_S001	26
M1332715	COVER:PREVENTFENCE:PAPER TRAY:A4	ACCESSORIES	2
M1332717	DECAL:SIDE FENCE:LEFT	U004_S001	27
M1332718	RUBBER BUSHING:COVER:PAPER TRAY	U004_S001	28
M1332732	FEELER:PAPER END SENSOR:PAPER FEED	U004	29
M1332734	ELECTROMAGNETIC CLUTCH:PAPER FEED	U004	30
M1332735	FILM:PAPER FEED	U004	31
M1332737	SHAFT:FEED	U004	32
M1332741	GUIDE PLATE:CONNECTING	U004	33
M1332742	TRANSPORT ROLLER:CONNECTING	U004	34
M1332743	FEELER:REGISTRATION SENSOR	U004	35
M1332750	GUIDE PLATE:MANUAL FEED:ASSY	U004	36
M1332752	SIDE FENCE:MANUAL FEED:LEFT	U004	37
M1332753	SIDE FENCE:MANUAL FEED:RIGHT	U004	38
M1332754	RACK:SIDE FENCE	U004	39
M1332755	FEELER:MANUAL FEED SENSOR	U004	40
M1332759	PAPER FEED ROLLER	U004	41
M1332762	GROUND PLATE:ROLLER:CONNECTING	U004	42
M1334204	PRESSURE ROLLER:DIA25	U007_S001	14
M1334208	PLAIN SHAFT BEARING:HOT ROLLER	U007_S001	15
M1334216	GUIDE PLATE:STRAIGHT	U007	16
M1334217	FUSING ENTRANCE GUIDE PLATE	U007_S001	17
M1334218	LEVER:PRESSURE	U007_S001	18
M1334219	FEELER:EXIT:SENSOR	U007	19

Number	Part Name	Group	ID
M1334220	COIL SPRING:FEELER:EXIT	U007	20
M1334221	STRIPPER PAWLS	U007_S001	21
M1334223	TENSION SPRING:PICKOFF PAWL	U007_S001	22
M1334225	FUSING ENTRANCE GUIDE PLATE:UPPER	U007_S001	23
M1334226	FLAT NUT:HEATER	U007_S001	24
M1334227	GROUND PLATE:FUSING UNIT	U007_S001	25
M1334228	COVER:FEELER	U007	26
M1334229	LEVER:PRESSURE:LEFT	U007_S001	27
M1334230	LEVER:PRESSURE:RIGHT	U007_S001	28
M1334231	TENSION SPRING:FUSING:PRESSURE	U007_S001	29
M1334240	EXIT ROLLER:STRAIGHT	U007	30
M1334241	HOUSING:THERMOSTAT	U007_S001	31
M1334243	EXIT ROLLER:FUSING	U007_S001	32
M1334244	ELECTRODE:LEFT	U007_S001	33
M1334245	SPRING:EXIT ROLLER:FUSING	U007_S001	34
M1334248	THERMISTOR	U007_S001	35
M1334254	DECAL:WARNING (HIGH TEMPERATURE):REAR PART	U007	36
M1334257	GEAR:DRIVE:STRAIGHT	U007_S001	37
M1334258	GEAR:CONNECTING:STRAIGHT	U007_S001	38
M1334261	HOOK:PRESSURE:LEFT	U007_S001	39
M1334262	HOOK:PRESSURE:RIGHT	U007_S001	40
M1334263	SHEET:HOOK:LEFT	U007_S001	41
M1334264	SHEET:HOOK:RIGHT	U007_S001	42
M1334265	SHEET:PRESSURE RELEASE:LEFT	U007_S001	43
M1334266	SHEET:PRESSURE RELEASE:RIGHT	U007_S001	44
M1334451	EXIT ROLLER:PAPER EXIT UNIT	U008	3
M1334453	PLAIN SHAFT BEARING:EXIT	U008	4
M1334457	EXIT ROLLER	U008	5
M1334459	EXIT ROLLER	U008	6
M1334465	PLATE:EXIT	U008	7
M1334466	GUIDE PLATE:EXIT:UPPER	U008	8
M1334467	GUIDE PLATE:EXIT:LOWER	U008	9
M1334485	EXTENSION TRAY:EXIT:P	U001	11

Exclusive Parts

Number	Part Name	Group	ID
M1334486	TRAY:EXIT:P	U001	12
M1335063	PCB:OPU	U002	3
M1335315	POWER SUPPLY UNIT:60.09W:NA: ASS'Y	U010	3
M1335402	POWER PACK:CHN:ASS'Y	U010	4
M1336201	SEPARATION UNIT:ASS'Y	U006	1
M1336250	TRANSFER ROLLER	U006	2
M1336254	GEAR:TRANSFER ROLLER	U006	3
M1336259	ROLLER:POSITIONING:TRANSFER ROLLER	U006	4
M1336262	BUSHING:TRANSFER ROLLER:RIG HT	U006	5
M1336263	BUSHING:TRANSFER ROLLER:LE FT	U006	6
M1336264	SPRING:TRANSFER ROLLER	U006	7
M1441321	COVER:FRONT:M144/M163:(for M1 63)	U001	13
M1451099	(M145):HEAT INSULATING PLATE: FUSING:FRONT:NA	U011	19
M1451321	COVER:FRONT:M145-17/27:(for M1 45)	U001	14
M1454213	HEATER:700W:120V	U007_S001	45
M1455050	PCB:ECBCTL:WW:ASS'Y:M145/M1 63	U010	5
M1494003	FUSING UNIT:NA:ASS'Y	U007_S001	46
M1545697	POWER SUPPLY CORD:125V:10A: NA	ACCESSORIES	3

Standard Parts



03530030N
SCREW:M3X3



04503012N
TAPPING SCREW:3X12



04503014N
TAPPING SCREW:M3X14



04503020N
TAPPING SCREW:M3X20



04503030N
TAPPING SCREW:M3X30



04513006N
TAPPING SCREW - 3X6



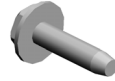
04513008N
TAPPING SCREW - M3X8



04523014N
BINDING SELF-TAPPING SCREW:M3X14



04583010N
HEXAGON HEAD TAPPING SCREW:3X10



04583012N
HEXAGON HEAD TAPPING SCREW:3X12



07200040E
RETAINING RING - M4



07200060E
RETAINING RING - M6



08046127
HEXAGONAL BOLT:DOUBLE SCREW:M3X8



08050089
RETAINING RING - M4



12042612
MICRO SWITCH:D3V-16506-3 C25

Design Change List

Number	Title	Set	Old Part		New Part		Index No.		Q'ty	Interchg		Reason	Cut-in S/N
			P/N	Name	P/N	Name	Group	ID		Indiv.	Set		
202001-01	2001 Modification	-	52152713	BOTTOM PLATE	GF013001	BOTTOM PLATE PAD	U004_S001_S001	5	1	O/O			M14517:
201706-01	1706 Modification	-	M1331121	GEAR:DRIVE:FUSING:NO.4	M0A11121	GEAR:DRIVE:FUSING:NO.4	U009	16	1	O/O			M14517:
201408-01	1408 Modification	-			M1451099	(M145):HEAT INSULATING PLATE:FUSING:FRONT:NA	U011	19	1				M14517:
201406-01	1406 Modification	-	M1013651	CAP:USED TONER:(for M163)			U005	4	1				M14517:

