



LexmarkTM

CX825, CX860, XC8155, and XC8160

7564-336, -337, -536, -537, -596, -598

Service Manual

- [Start diagnostics](#)
- [Maintenance](#)
- [Safety and notices](#)
- [Trademarks](#)
- [Index](#)

January 25, 2016

www.lexmark.com

Parts catalog

Legend

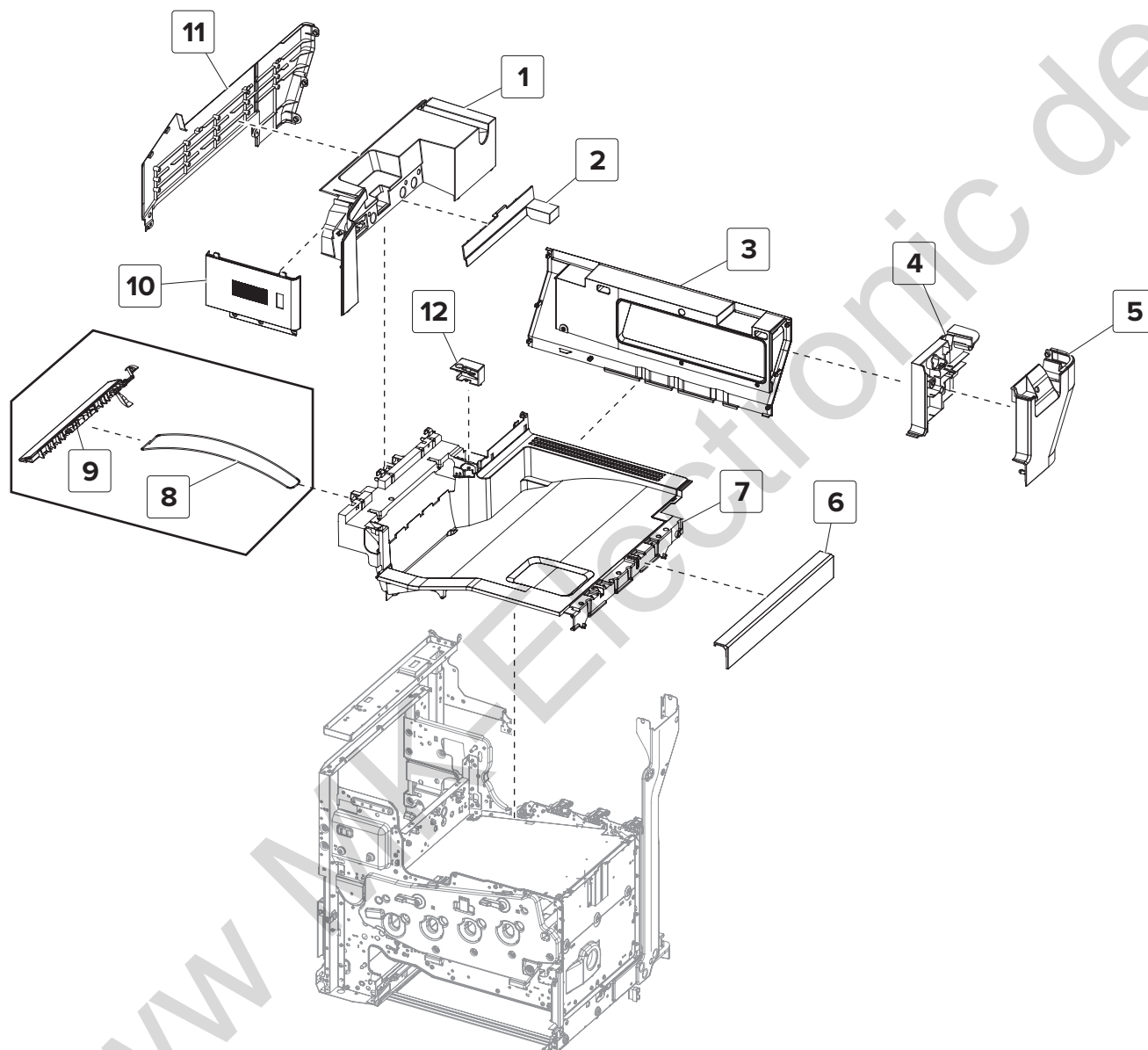
The following column headings are used in the parts catalog:

- **Asm-index**—Identifies the item in the illustration
- **P/N**—Identifies the part number of a FRU
- **Units/mach**—Refers to the number of units in a printer
- **Units/opt**—Refers to the number of units in an option
- **Units/FRU**—Refers to the number of units in a FRU
- **Description**—A brief description of the part

The following abbreviations are used in the parts catalog:

- **NS** (not shown) in the Asm-index column indicates that the part is procurable but is not shown in the illustration.
- **PP** (parts packet) in the Description column indicates that the part is contained in a parts packet.

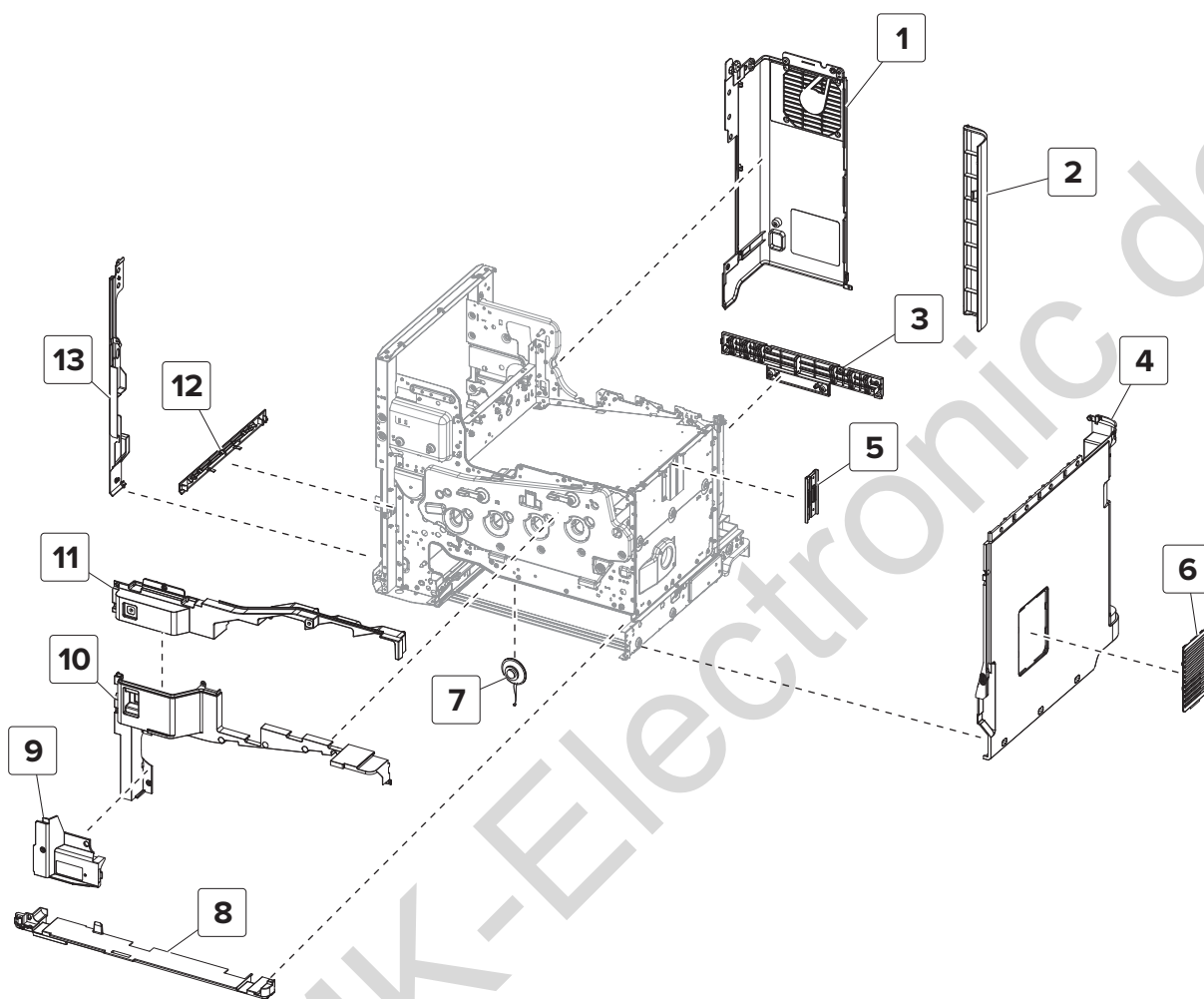
Assembly 1: Covers 1



Assembly 1: Covers 1

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0213	1	1	Top cover	“Top cover removal” on page 703
2	41X0710	1	1	Connector access cover	--
3	41X0214	1	1	Rear upper cover	“Rear upper cover removal” on page 672
4	41X0218	1	1	Column inner cover	“Column inner cover removal” on page 632
5	41X0217	1	1	Column outer cover	“Column outer cover removal” on page 629
6	41X0211	1	1	HPT attach cover	--
7	41X0210	1	1	Standard bin cover	--
8	41X0716	1	1	Stacking bail	--
9	41X0212	1	1	Static brush/bin full actuator	--
10	41X0220	1	1	Front column upper cover	“Front column upper cover removal” on page 649
11	41X0216	1	1	Left upper cover	“Left upper cover removal” on page 605
12	41X0228	1	1	Bin full sensor housing	--

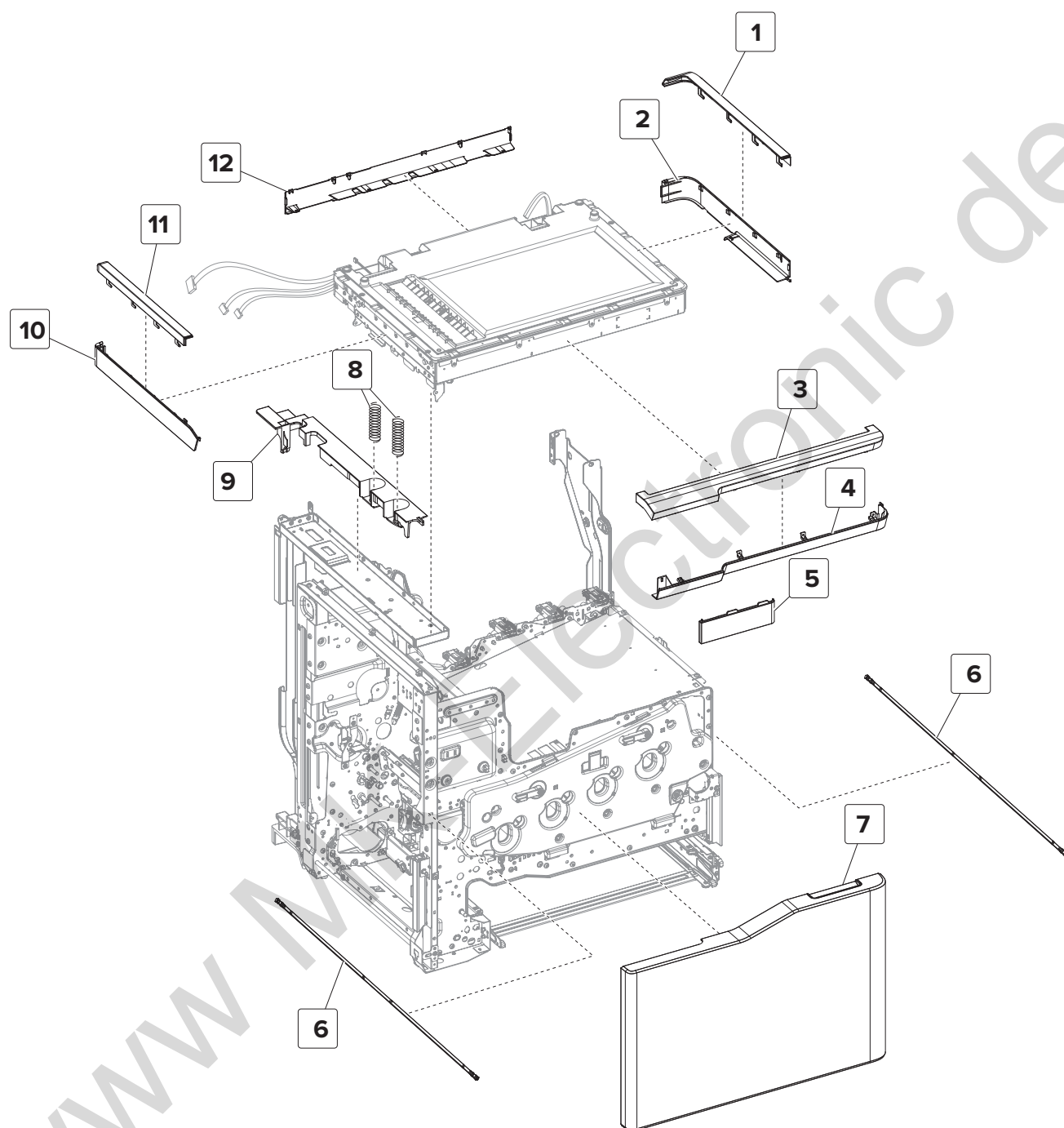
Assembly 2: Covers 2



Assembly 2: Covers 2

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0089	1	1	Rear left cover	“Rear left cover removal” on page 673
2	41X0099	1	1	Connector access cover	--
3	41X0088	1	1	Rear lower cover	“Rear lower cover removal” on page 672
4	41X0092	1	1	Right cover	“Right cover removal” on page 629
5	41X0070	1	1	Right cover bracket	--
6	41X0090	1	1	Vent cover	“Vent cover removal” on page 628
7	40X9079	1	1	Audio speaker	--
8	41X0094	1	1	Lower front cover	“Lower front cover removal” on page 664
9	41X0097	1	1	Door rod cover	“Door rod cover removal” on page 656
10	41X0093	1	1	Inner lower cover	“Inner lower cover removal” on page 650
11	41X0715	1	1	Inner upper cover	“Inner upper cover removal” on page 649
12	41X0096	1	1	Left lower cover	--
13	41X0091	1	1	Left front cover	--

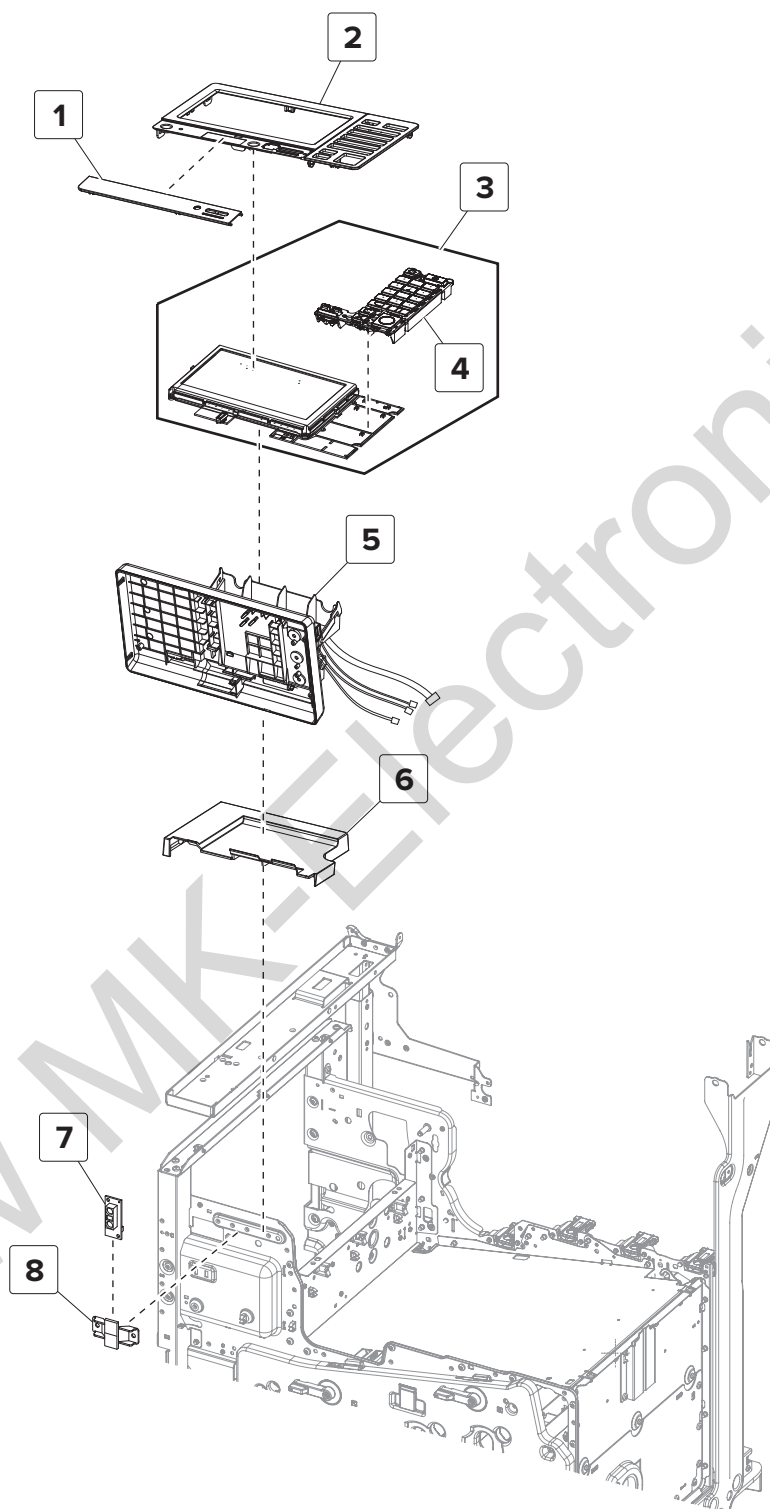
Assembly 3: Covers 3



Assembly 3: Covers 3

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0234	1	1	Scanner right upper cover	--
2	41X0231	1	1	Scanner right cover	“Flatbed scanner right cover removal” on page 733
3	41X0235	1	1	Scanner front upper cover	“Flatbed scanner front upper cover removal” on page 732
4	41X0232	1	1	Scanner front cover	--
5	41X0229	1	1	Keyboard access cover	--
6	41X0780	2	1	Front door strap	--
7	41X0227	1	1	Front door	“Front door removal” on page 651
8	41X0781	2	1	Support spring	--
9	41X0278	1	1	Cable cover	--
10	41X0230	1	1	Scanner left cover	“Flatbed scanner left cover removal” on page 733
11	41X0233	1	1	Scanner left upper cover	--
12	41X0236	1	1	Scanner rear cover	“Flatbed scanner rear cover removal” on page 735

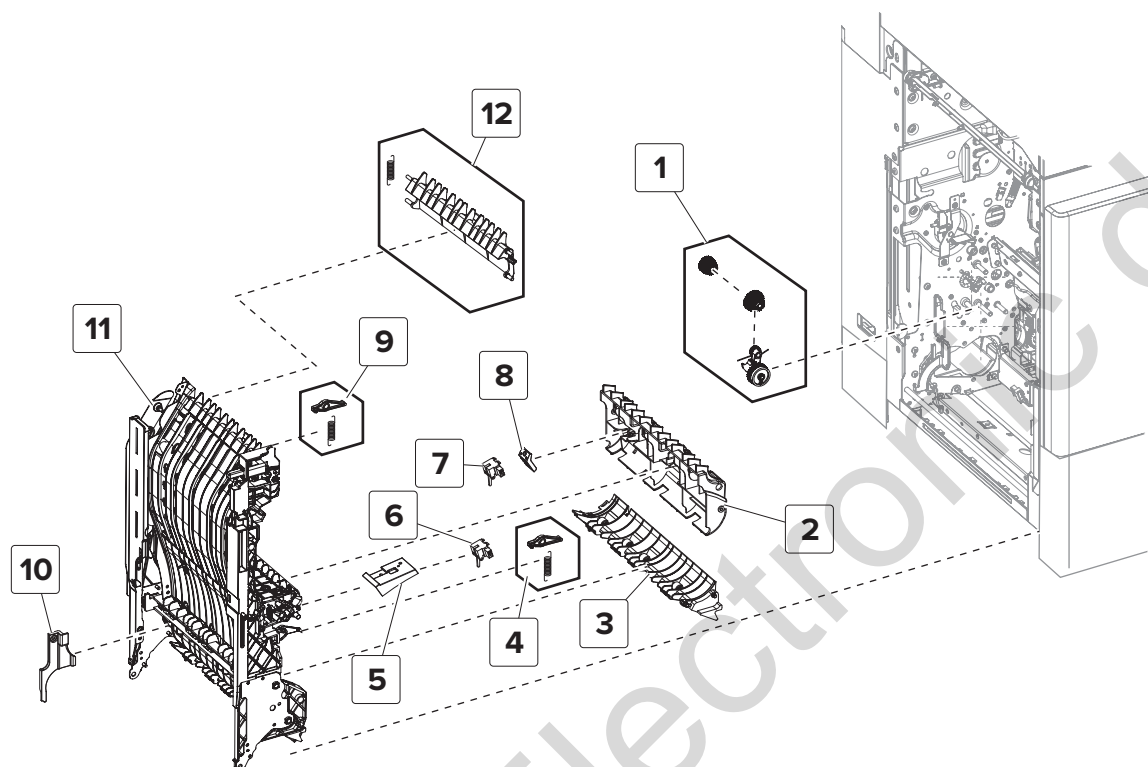
Assembly 4: Control panel



Assembly 4: Control panel

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0903	1	1	Model plate (CX825)	--
1	41X0904	1	1	Model plate (XC8155)	--
1	41X0905	1	1	Model plate (XC8160)	--
2	41X0544	1	1	Bezel, 10.1-inch control panel	--
3	41X0052	1	1	Board, 10.1-inch control panel	--
4	41X0224	1	1	Button kit, 10.1-inch control panel	“Control panel button kit removal” on page 646
5	41X0215	1	1	Support, 10.1-inch control panel	--
6	41X0238	1	1	Control panel support cover	--
7	41X0222	1	1	Sensor (proximity)	--
8	41X0221	1	1	Proximity sensor cover	--

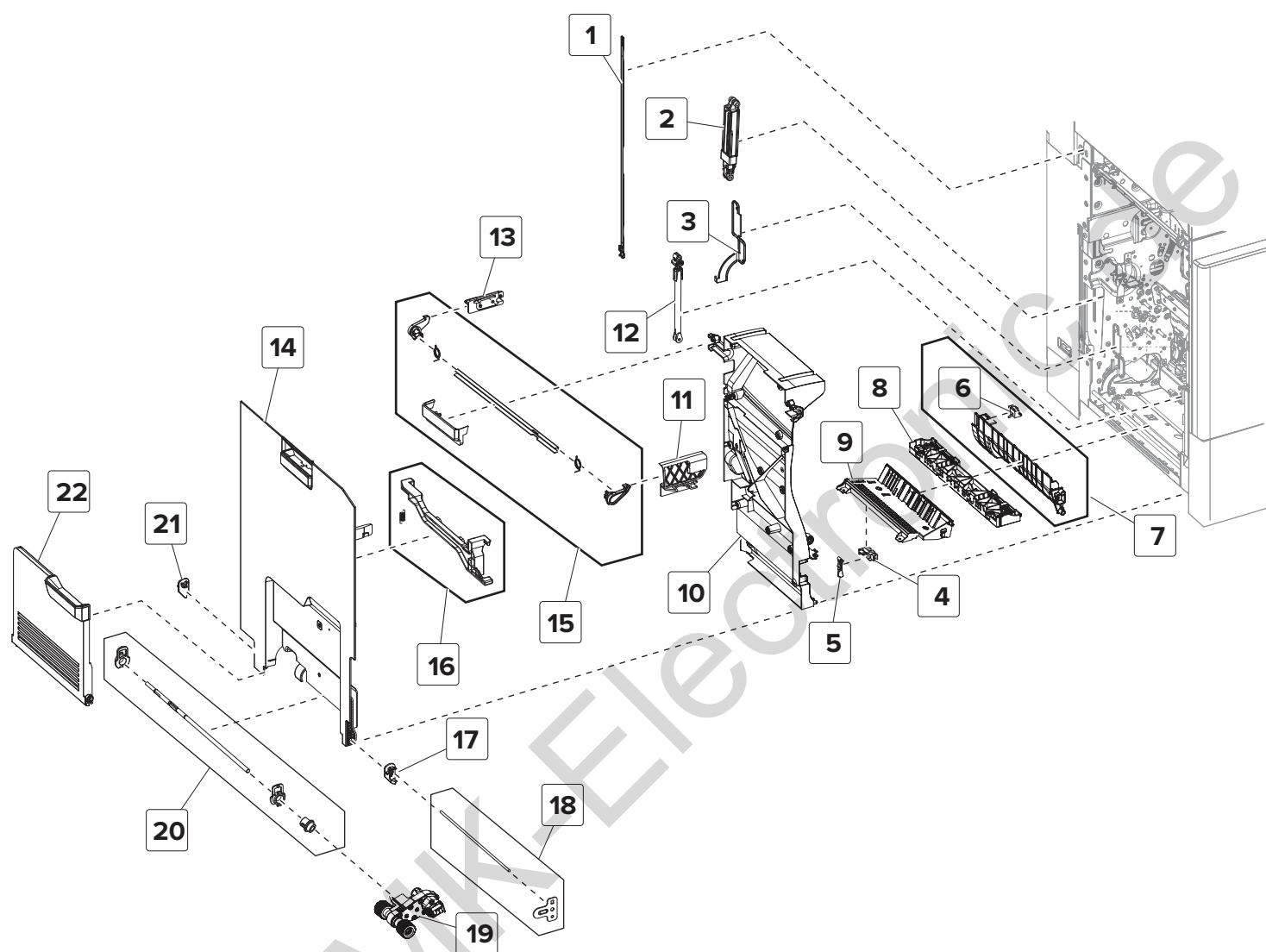
Assembly 5: Duplex



Assembly 5: Duplex

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0133	1	1	Duplex drive gears	“Duplex drive gears removal” on page 608
2	41X0123	1	1	Duplex lower pinch roller guide	--
3	41X0121	1	1	Duplex turn guide	--
4	41X0066	1	1	Front nip release arm	--
5	41X0072	1	1	Lower duplex sensor bracket	--
6	41X0446	1	1	Sensor (duplex path 2)	--
7	41X0446	1	1	Sensor (duplex path 1)	--
8	41X0071	1	1	Upper duplex sensor bracket	--
9	41X0065	1	1	Rear nip release arm	--
10	41X0098	1	1	Connector cover, plastic	“Plastic connector cover removal” on page 612
11	41X0105	1	1	Duplex	“Left door, duplex, and MPF removal” on page 613
12	41X0122	1	1	Duplex upper guide	--

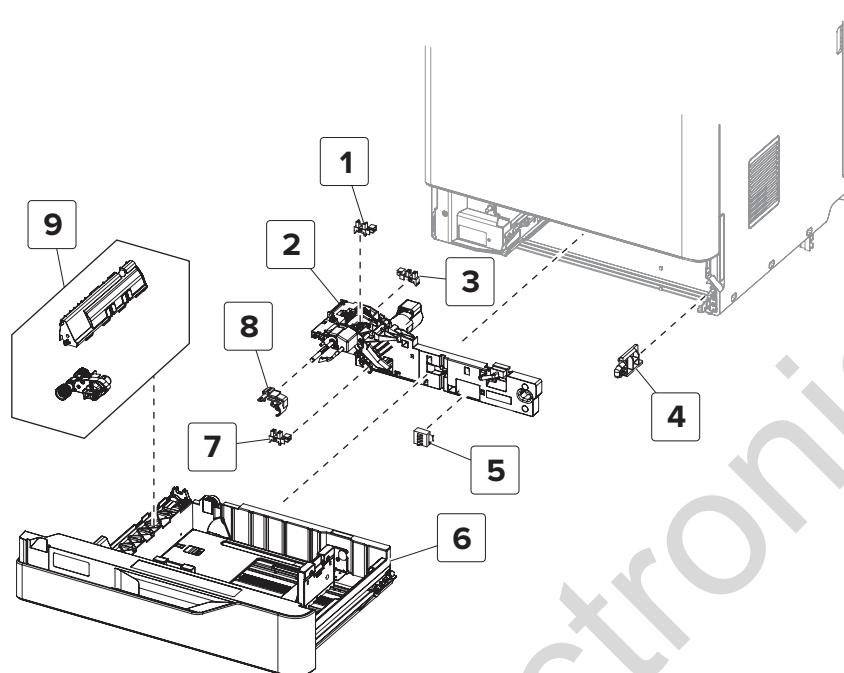
Assembly 6: Left door



Assembly 6: Left door

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0173	1	1	Left door support strap	--
2	41X0100	1	1	Left door damper	--
3	41X0073	1	1	Connector cover, metal	--
4	41X0684	1	1	Sensor (MPF paper present)	--
5	41X0058	1	1	MPF media present actuator	--
6	41X0914	1	1	Sensor (MPF/pass-through)	“Sensor (MPF/pass-through) with deflector removal” on page 622
7	41X0120	1	1	Deflector with sensor (MPF/pass-through)	“Sensor (MPF/pass-through) with deflector removal” on page 622
8	41X0172	1	1	MPF tray stop	“MPF tray stop removal” on page 619
9	41X0119	1	1	MPF pick guide	“MPF pick guide removal” on page 617
10	41X0124	1	1	Left door paper guide	--
11	41X0081	1	1	Left door front catch	--
12	41X0174	1	1	Left door support	--
13	41X0080	1	1	Left door rear catch	--
14	41X0101	1	1	Left door	“Left door, duplex, and MPF removal” on page 613
15	41X0136	1	1	Left door release latch	--
16	41X0135	1	1	Duplex release latch	“Duplex release latch removal” on page 608
17	41X0059	1	1	MPF tray front actuator	--
18	41X0250	1	1	Left door rod	“Door rod cover removal” on page 656
19	41X0993	1	1	Pick roller	“MPF pick roller removal” on page 616
20	41X0167	1	1	MPF pick shaft	--
21	41X0060	1	1	MPF tray rear actuator	--
22	41X0176	1	1	MPF tray	“Left door, duplex, and MPF removal” on page 613

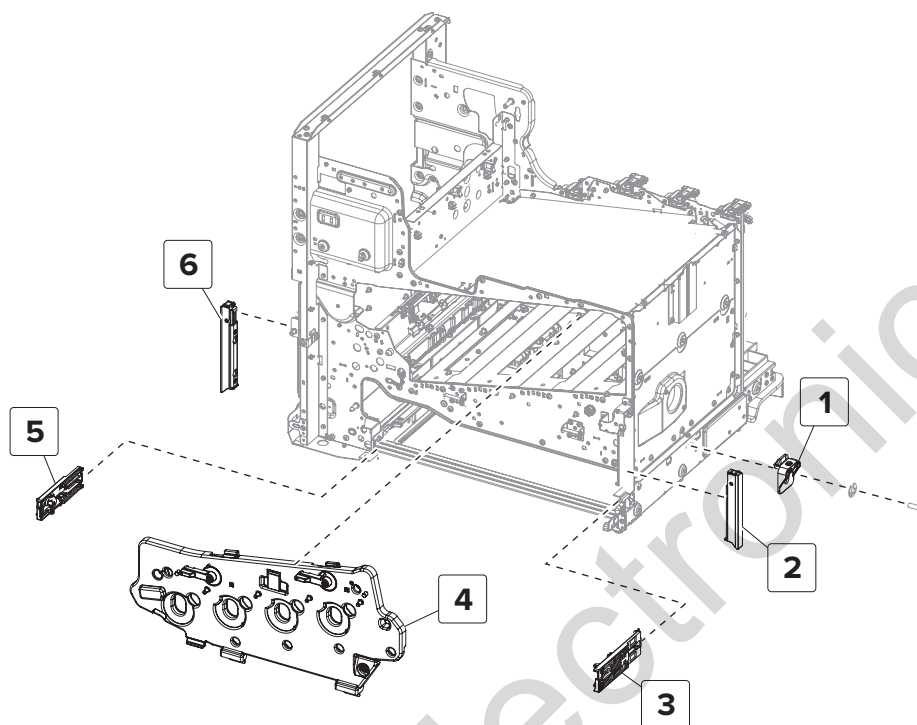
Assembly 7: Feeder



Assembly 7: Feeder

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0470	1	1	Sensor (pick roller index)	--
2	41X0106	1	1	Paper feeder	“Paper feeder removal” on page 665
3	41X0470	1	1	Sensor (media out)	--
4	41X0129	1	1	Paper tray guide	--
5	40X7911	1	1	Sensor (media size)	--
6	41X0175	1	1	Media tray	--
7	41X0470	1	1	Sensor (media low)	--
8	41X0067	1	1	Feeder bearing	“Paper feeder removal” on page 665
9	41X0999	1	1	Pick roller and separator pad	“Pick roller removal” on page 654

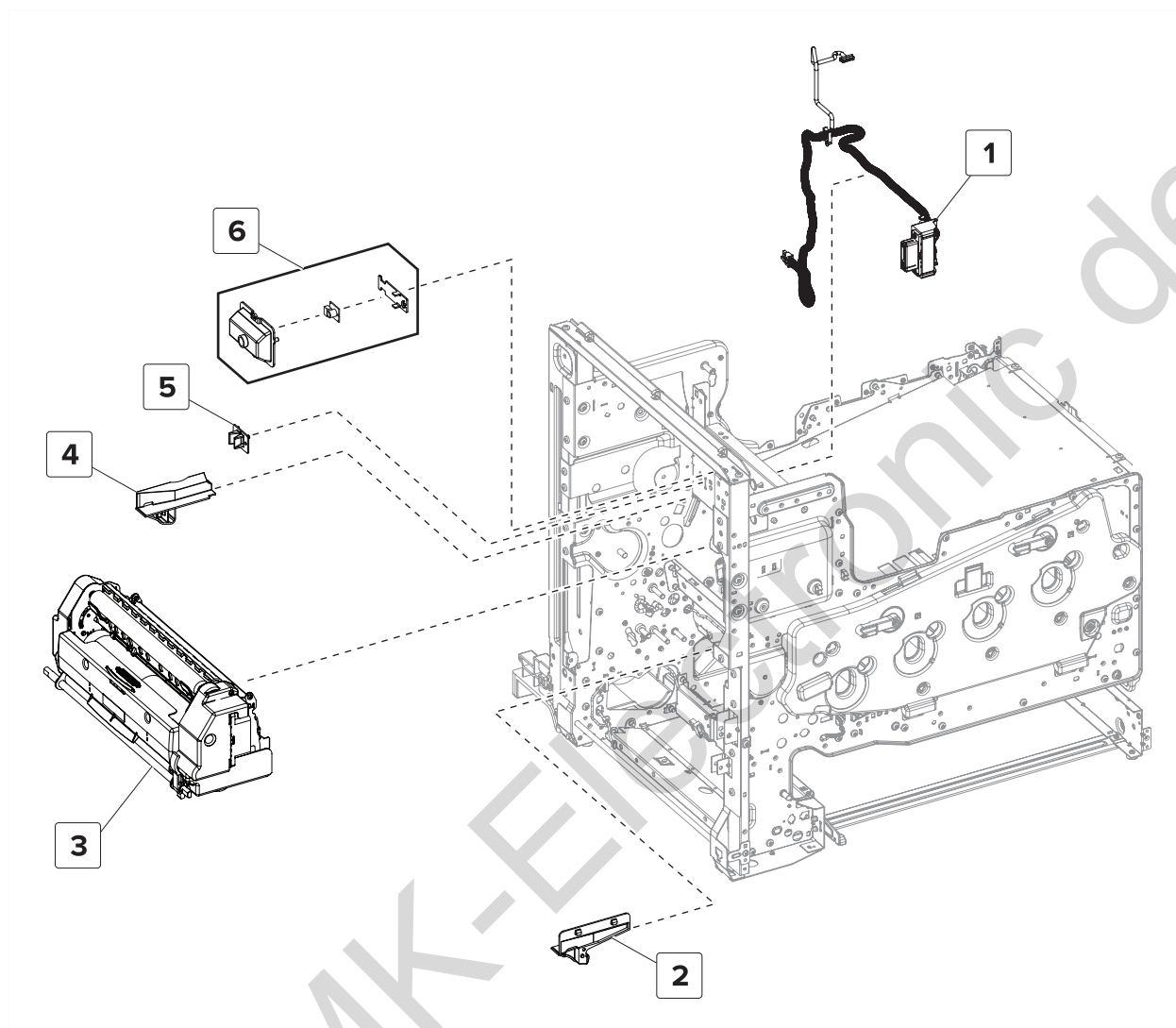
Assembly 8: Frame



Assembly 8: Frame

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0074	1	1	Frame connector bracket	--
2	41X0131	1	1	Right handle	--
3	41X0991	1	1	Tray close rail, right	--
4	41X0103	1	1	PC unit/developer door	“Developer unit and photoconductor unit removal” on page 646
5	41X0992	1	1	Tray close rail, left	--
6	41X0130	1	1	Left handle	--

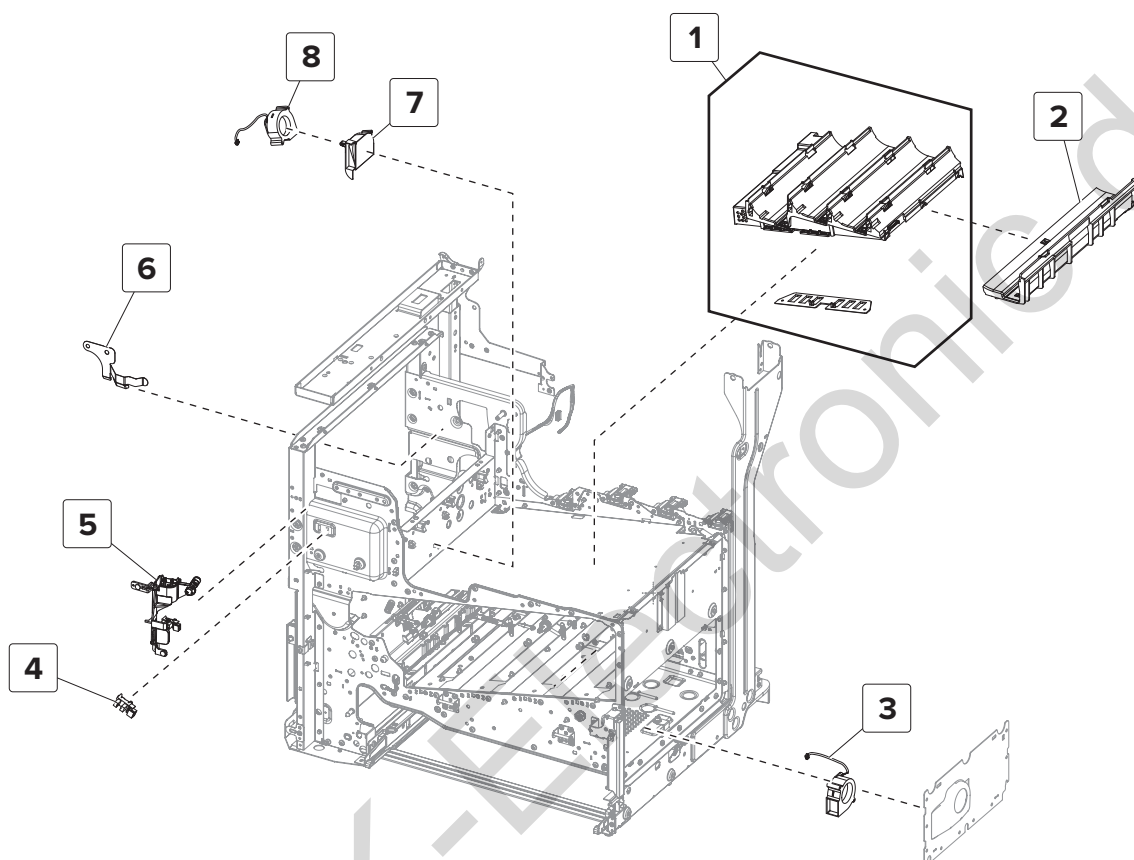
Assembly 9: Fuser



Assembly 9: Fuser

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0078	1	1	Fuser connect cable	--
2	41X0125	1	1	Fuser front loading guide	--
3	41X0248	1	1	Fuser (100 V)	"Fuser removal" on page 606
3	41X0246	1	1	Fuser (115 V)	"Fuser removal" on page 606
3	41X0247	1	1	Fuser (230 V)	"Fuser removal" on page 606
4	41X0126	1	1	Fuser rear loading guide	--
5	41X0127	1	1	Fuser alignment guide	--
6	41X0165	1	1	Sensor (fuser temperature)	--

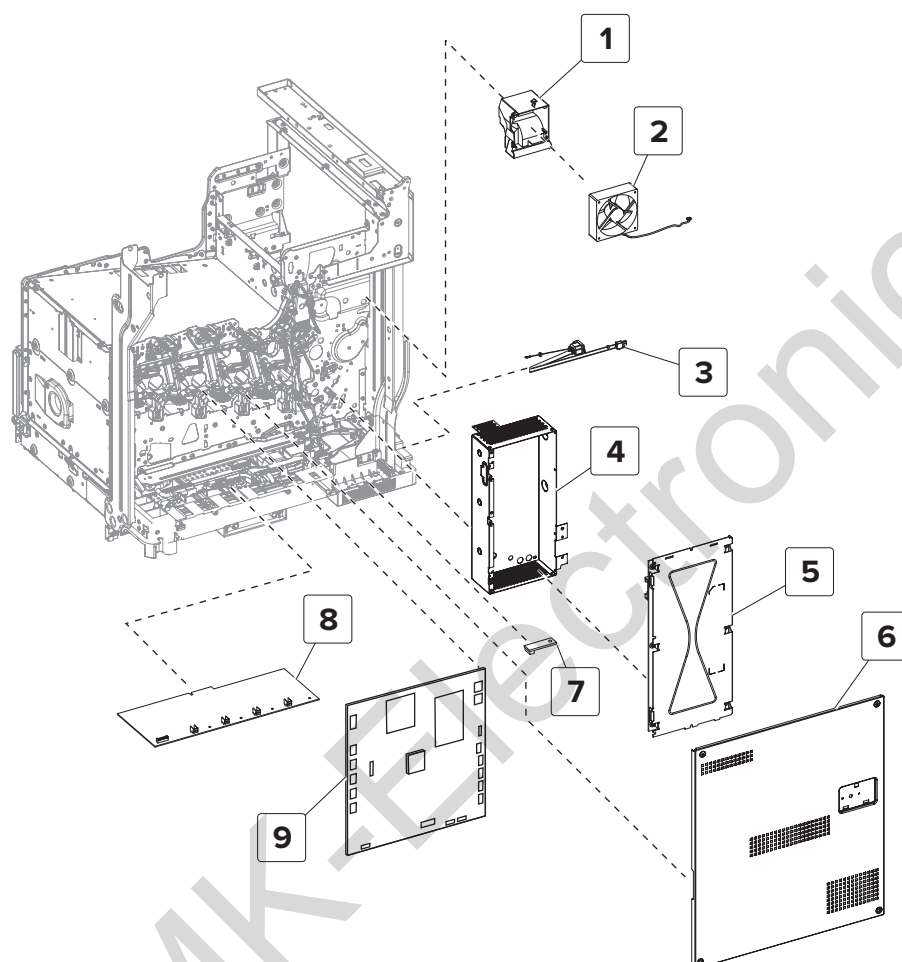
Assembly 10: Electronics—Front



Assembly 10: Electronics—Front

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0143	1	1	Main HVPS	“Main HVPS removal” on page 661
2	41X0117	1	1	Toner cartridge guide	--
3	41X0954	1	1	Printhead fan	“Printhead fan removal” on page 634
4	41X0162	1	1	Sensor (door interlock)	“Sensor (door interlock) removal” on page 657
5	41X0162	1	1	Switch (left door interlock)	--
6	41X0141	1	1	Grounding plate	--
7	41X0973	1	1	Fan duct	--
8	41X0974	1	1	HVPS fan	“HVPS fan removal” on page 658

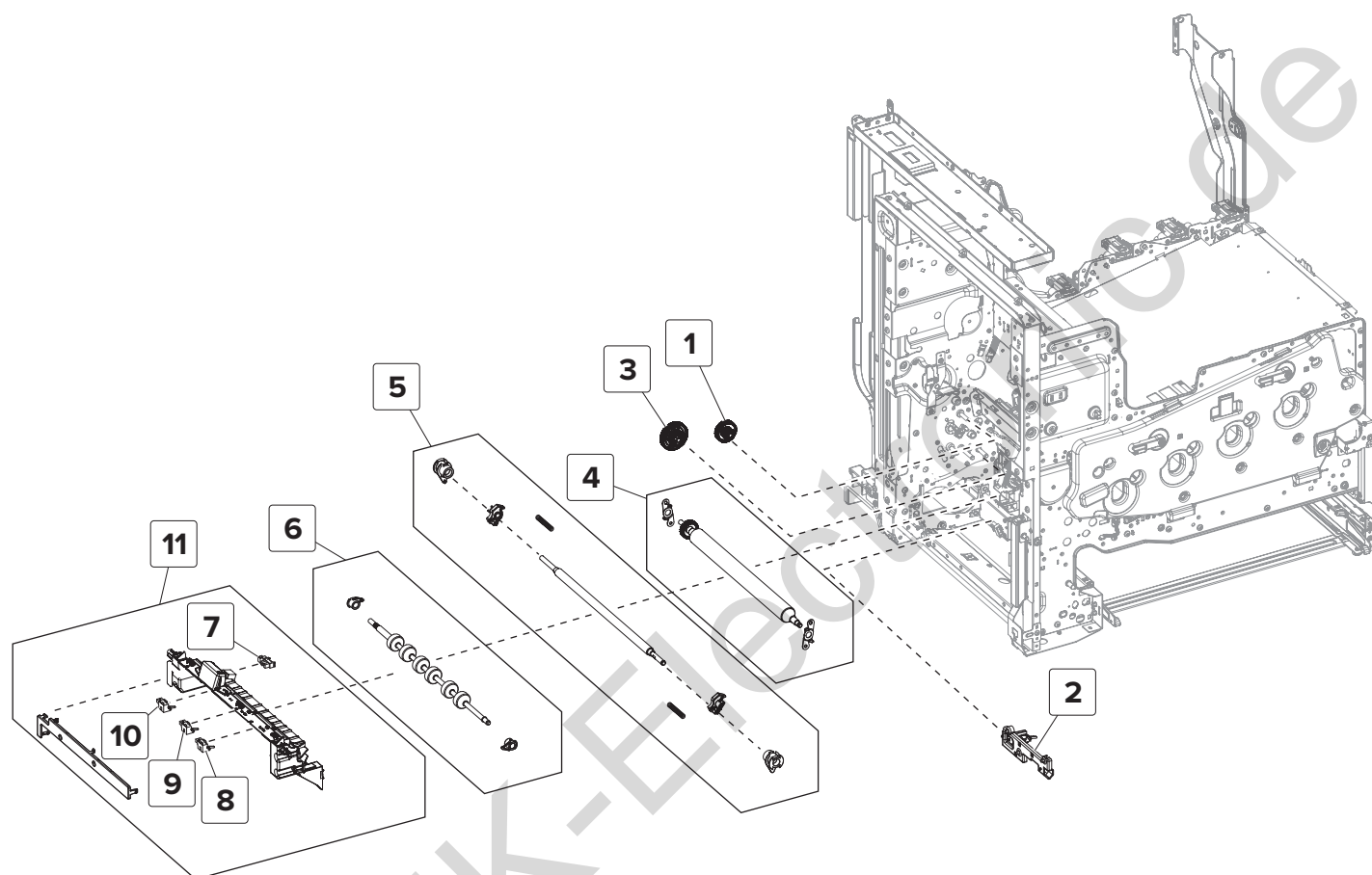
Assembly 11: Electronics—Rear



Assembly 11: Electronics—Rear

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0104	1	1	Main fan duct	“Main fan duct removal” on page 688
2	41X0975	1	1	Main fan	“Main fan removal” on page 678
3	41X0260	1	1	AC power input cable	--
4	41X0244	1	1	LVPS cage	“LVPS cage removal” on page 681
5	41X0242	1	1	LVPS	“LVPS removal” on page 679
6	41X0087	1	1	Controller board cover	“Controller board cover removal” on page 671
7	41X0785	1	1	Weather station	“Weather station removal” on page 683
8	41X0241	1	1	Charge roller HVPS	“Charge roller HVPS removal” on page 673
9	41X0237	1	1	Controller board	“Controller board removal” on page 677

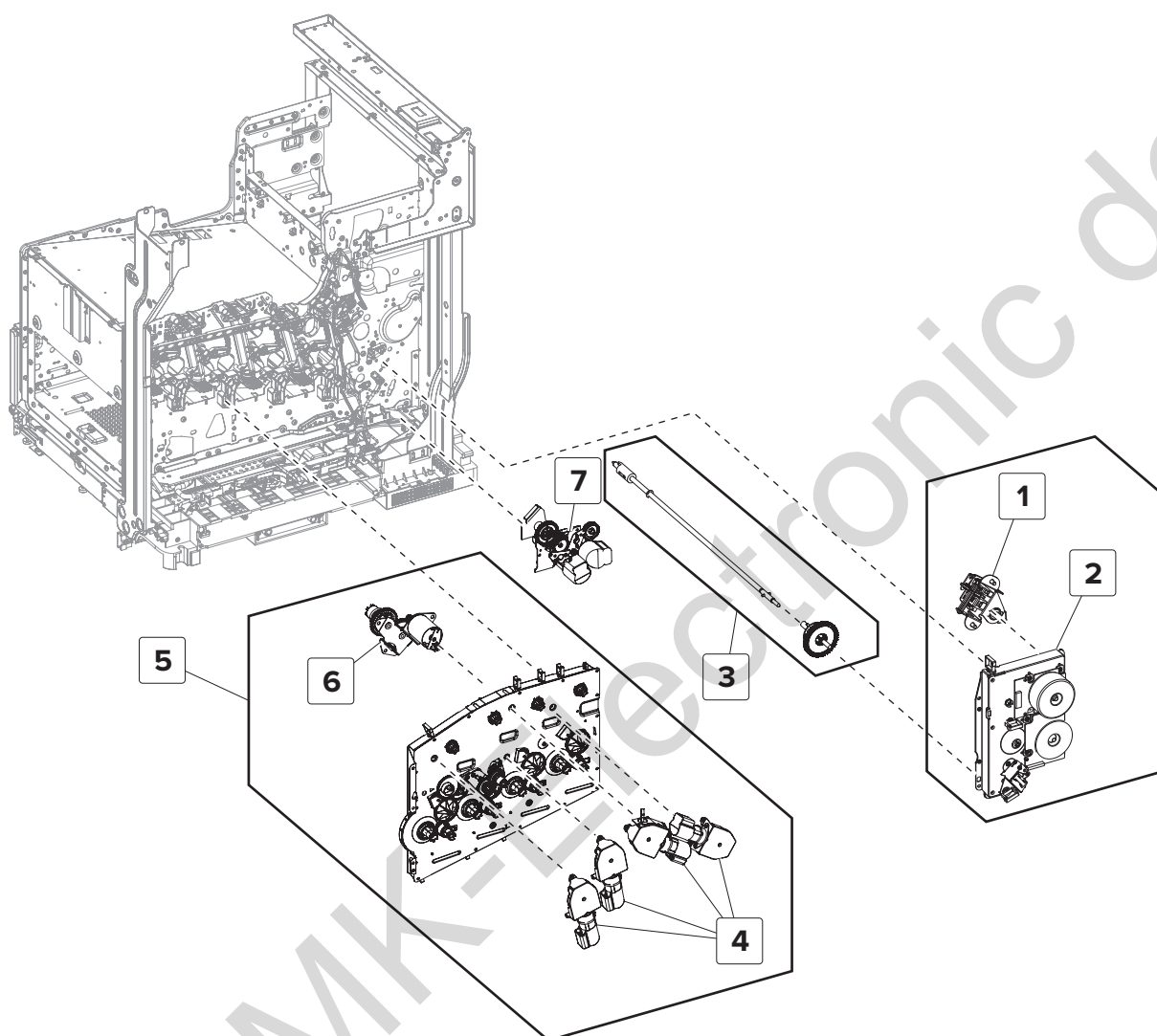
Assembly 12: Registration



Assembly 12: Registration

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0108	1	1	Deskew roller gear	--
2	41X0163	1	1	Sensor (input)	“Sensor (input) removal” on page 621
3	41X0107	1	1	Isolation roller gear	“Isolation roller gear removal” on page 626
4	41X0155	1	1	Deskew roller	--
5	41X0156	1	1	Deskew pinch roller	--
6	41X0168	1	1	Isolation roller shaft	--
7	40X7779	1	1	Sensor (deskew roller exit)	--
8	41X0914	1	1	Sensor (near narrow media)	--
9	41X0914	1	1	Sensor (narrow media)	--
10	41X0914	1	1	Sensor (deskew roller entry)	--
11	41X0128	1	1	Deskew roller sensor guide	“Deskew roller sensor guide removal” on page 610

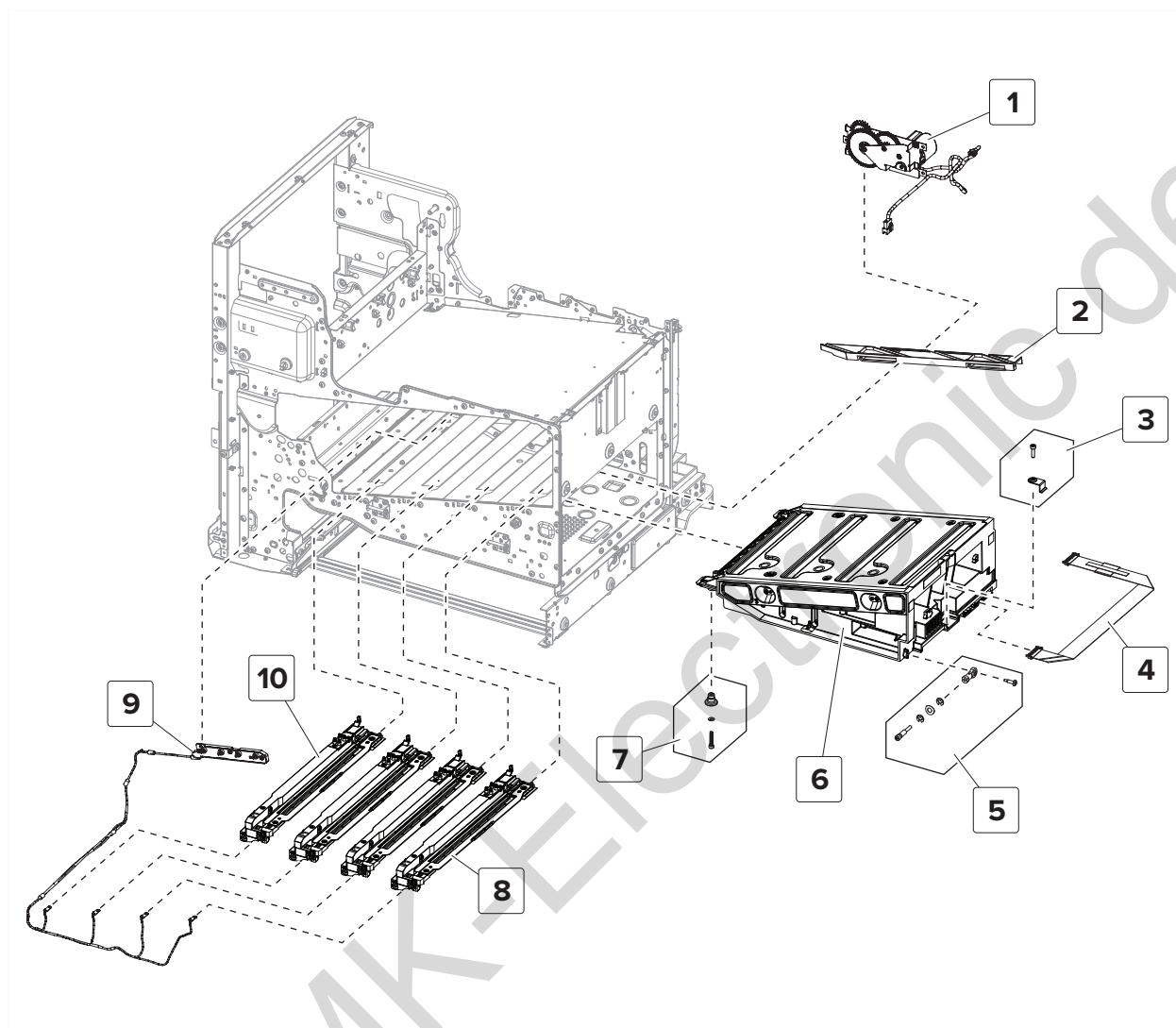
Assembly 13: Motors



Assembly 13: Motors

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0159	1	1	Sensor (waste toner full)	--
2	41X0111	1	1	Fuser/transfer belt motor gearbox	“Fuser/transfer belt motor gearbox removal” on page 692
3	41X0109	1	1	Waste toner gear and shaft	“Waste toner gear removal” on page 694
4	41X0113	3	1	Toner add motor gearbox (K, C, and M)	“Toner add motor gearbox (K, C, and M) removal” on page 686
4	41X0113	1	1	Toner add motor gearbox (Y)	“Toner add motor gearbox (Y) removal” on page 687
5	41X0112	1	1	EP, developer, toner add gearbox	“EP, developer, toner add gearbox removal” on page 689
6	41X0114	1	1	Motor (black only retract)	--
7	41X0115	1	1	MPF, reference edge gearbox	“Reference edge motor gearbox removal” on page 623

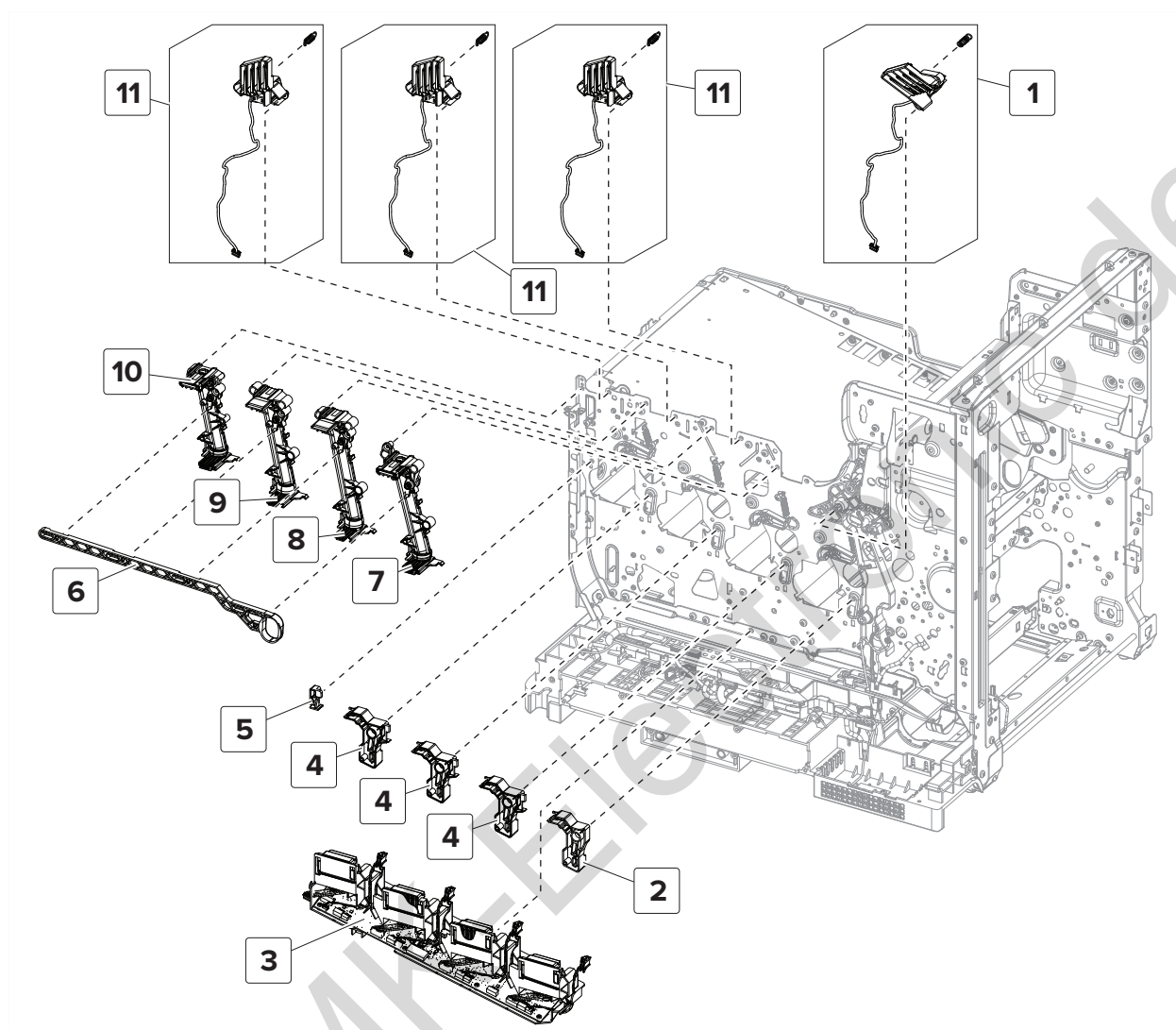
Assembly 14: Printhead



Assembly 14: Printhead

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0139	1	1	Motor (printhead wiper)	“Motor (printhead wiper) removal” on page 639
2	41X0145	1	1	Printhead wiper actuator rack	--
3	41X0082	1	1	Printhead clamp	--
4	41X0076	1	1	Printhead data cable	--
5	41X0240	1	1	Printhead adjustment parts pack	--
6	41X0144	1	1	Laser printhead	“Printhead removal” on page 636
7	41X0132	1	1	Printhead post	--
8	41X0147	3	1	Developer/PC unit CMY wiper rail	“Developer/PC unit CMY wiper rail removal” on page 668
9	41X0086	1	1	Developer roll power contact	--
10	41X0146	1	1	Developer/PC unit K wiper rail	“Developer/PC unit K wiper rail removal” on page 669

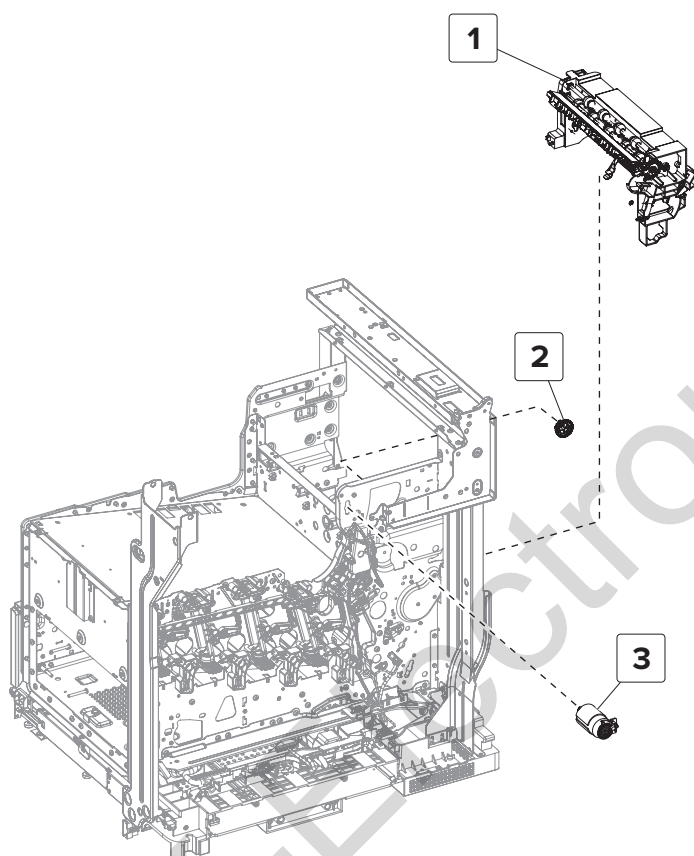
Assembly 15: Toner supply



Assembly 15: Toner supply

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0084	1	1	Toner cartridge contact (K)	“Toner cartridge contact removal” on page 698
2	41X0152	1	1	Toner port retainer (K)	--
3	41X0069	1	1	smart chip interface board	“Smart chip interface board removal” on page 697
4	41X0151	3	1	Toner port retainer (CMY)	--
5	41X0150	1	1	Toner port retainer	--
6	41X0056	1	1	Toner supply actuator	“Toner supply actuator removal” on page 696
7	41X0180	1	1	Toner add tube (K)	“Toner add tube removal” on page 700
8	41X0178	1	1	Toner add tube (M)	“Toner add tube removal” on page 700
9	41X0177	1	1	Toner add tube (C)	“Toner add tube removal” on page 700
10	41X0179	1	1	Toner add tube (Y)	“Toner add tube removal” on page 700
11	41X0083	3	1	Toner cartridge contact (CMY)	“Toner cartridge contact removal” on page 698

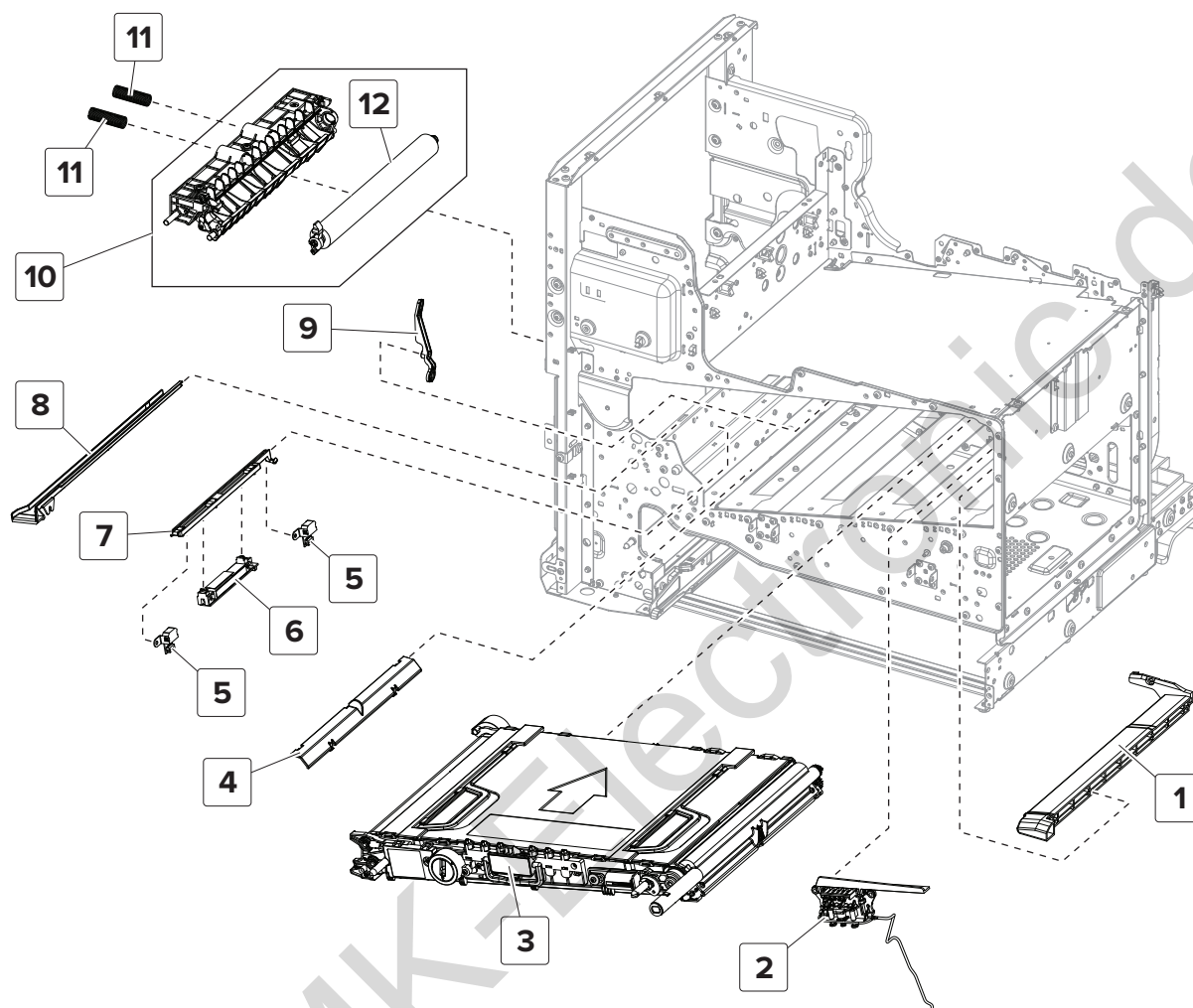
Assembly 16: Redrive



Assembly 16: Redrive

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0148	1	1	Redrive	“Redrive removal” on page 619
2	41X0110	1	1	Redrive gear	“Redrive gear removal” on page 621
3	41X0140	1	1	Motor (redrive)	--

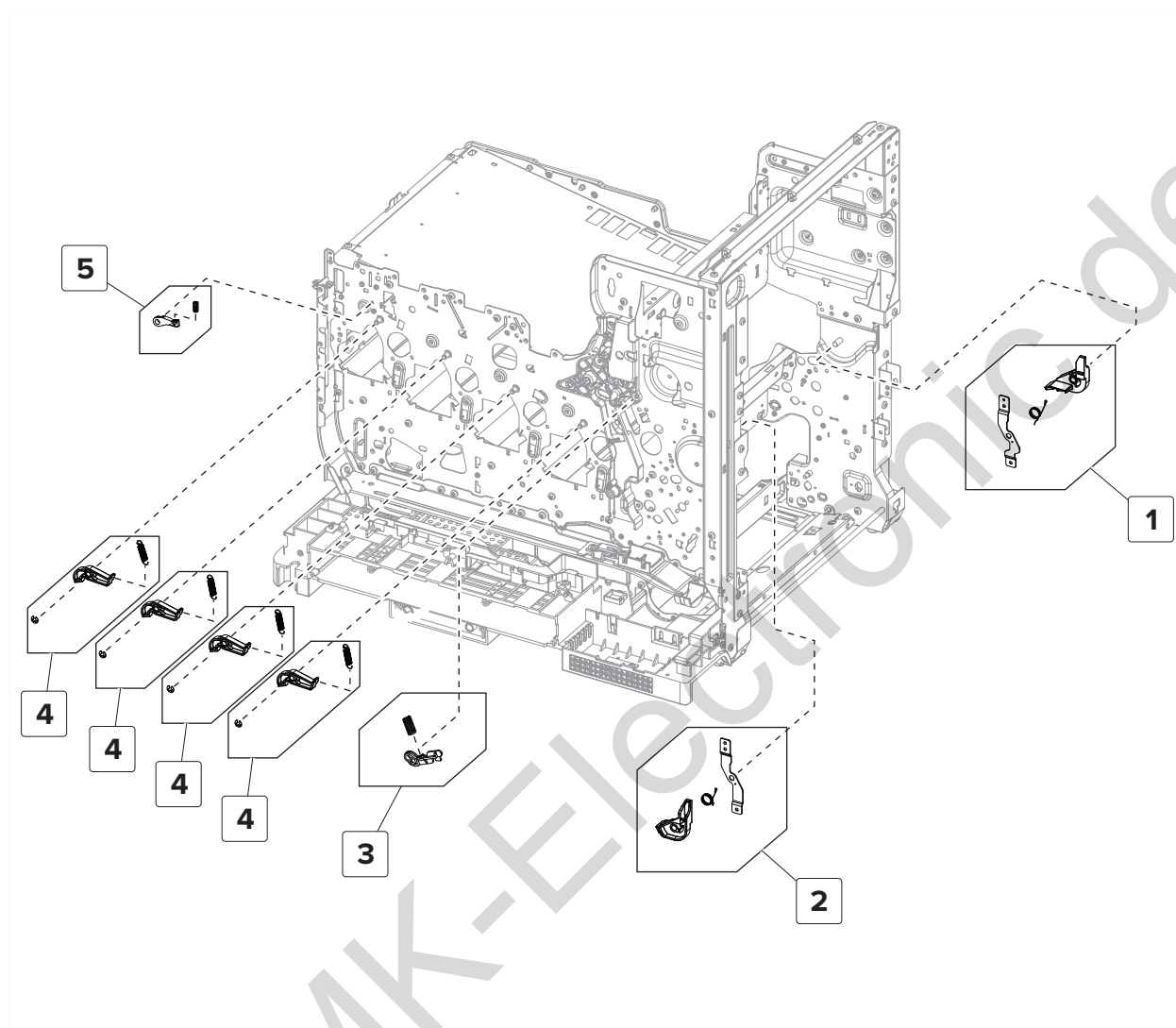
Assembly 17: Transfer—Front



Assembly 17: Transfer—Front

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0116	1	1	Transfer belt right guide	--
2	41X0085	1	1	Transfer belt contact	--
3	41X0245	1	1	Transfer belt	“Transfer belt removal” on page 652
4	41X0095	1	1	Wiring cover	--
5	41X0161	2	1	Sensor (auto alignment)	“Sensor (auto alignment) removal” on page 667
6	41X0160	1	1	Sensor (TPS)	“Sensor (TPS) removal” on page 667
7	41X0181	1	1	TPS sensor wiper	“TPS sensor wiper removal” on page 668
8	41X0118	1	1	Transfer belt left guide	--
9	41X0057	1	1	TPS wiper actuator	--
10	41X0079	1	1	Transfer roller housing	--
11	41X0171	2	1	Transfer roller carriage spring	--
12	41X0154	2	1	Transfer roller	“Transfer roller removal” on page 607

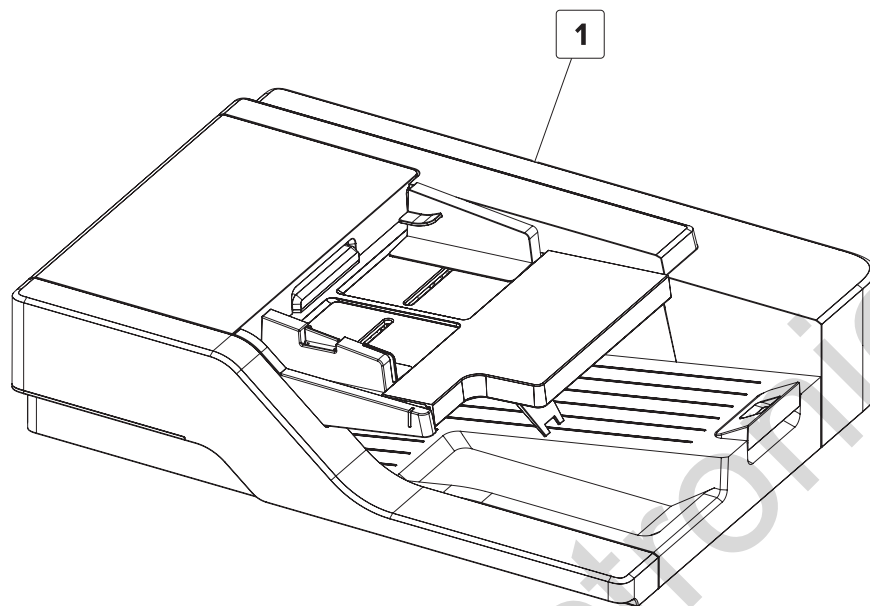
Assembly 18: Transfer—Rear



Assembly 18: Transfer—Rear

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0137	1	1	Transfer roller front latch	--
2	41X0138	1	1	Transfer roller rear latch	--
3	41X0064	1	1	Transfer belt left bias arm	--
4	41X0062	4	1	Hold down arm	--
5	41X0063	1	1	Transfer belt right bias arm	--

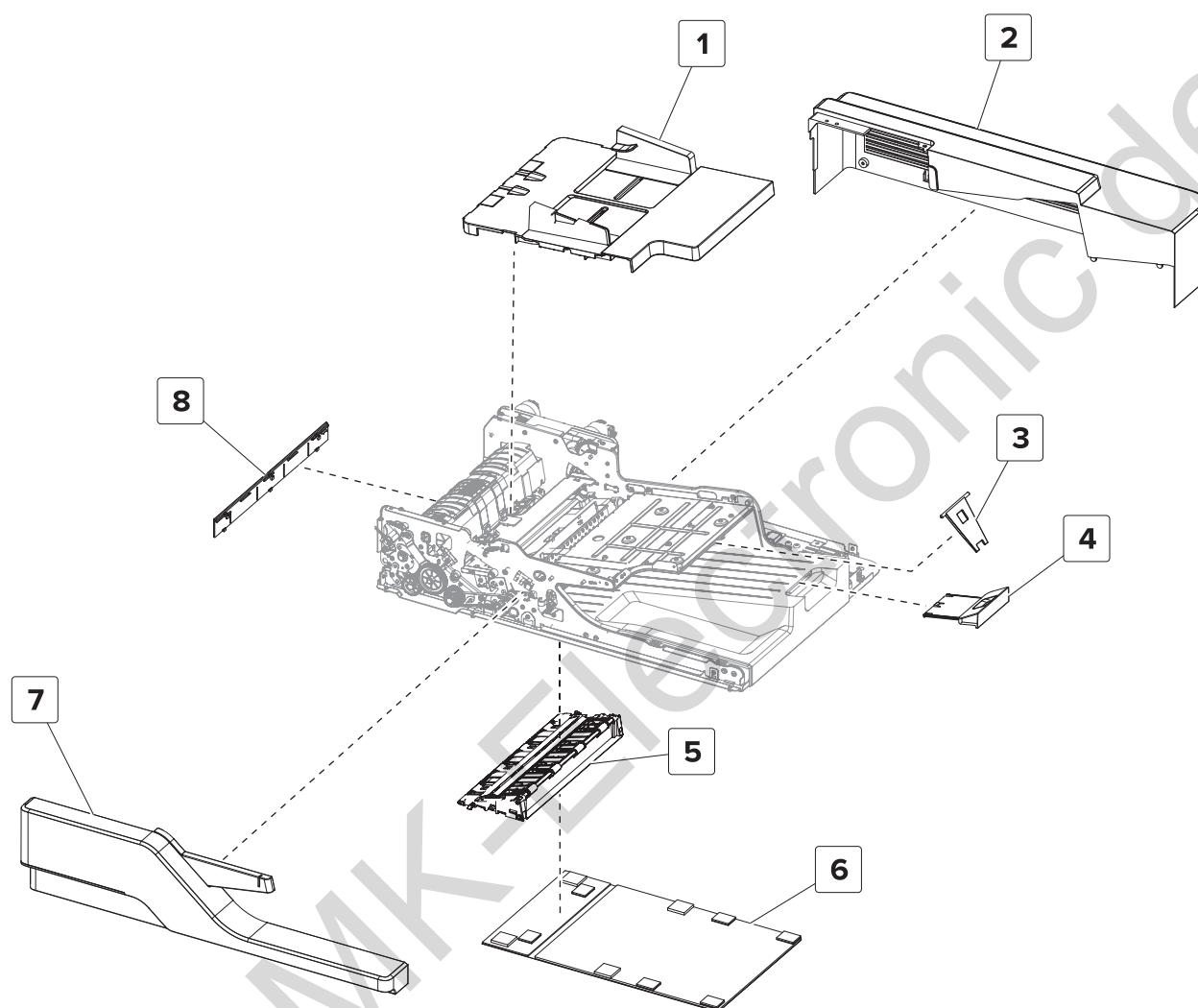
Assembly 19: ADF 1



Assembly 19: ADF 1

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0324	1	1	ADF	--

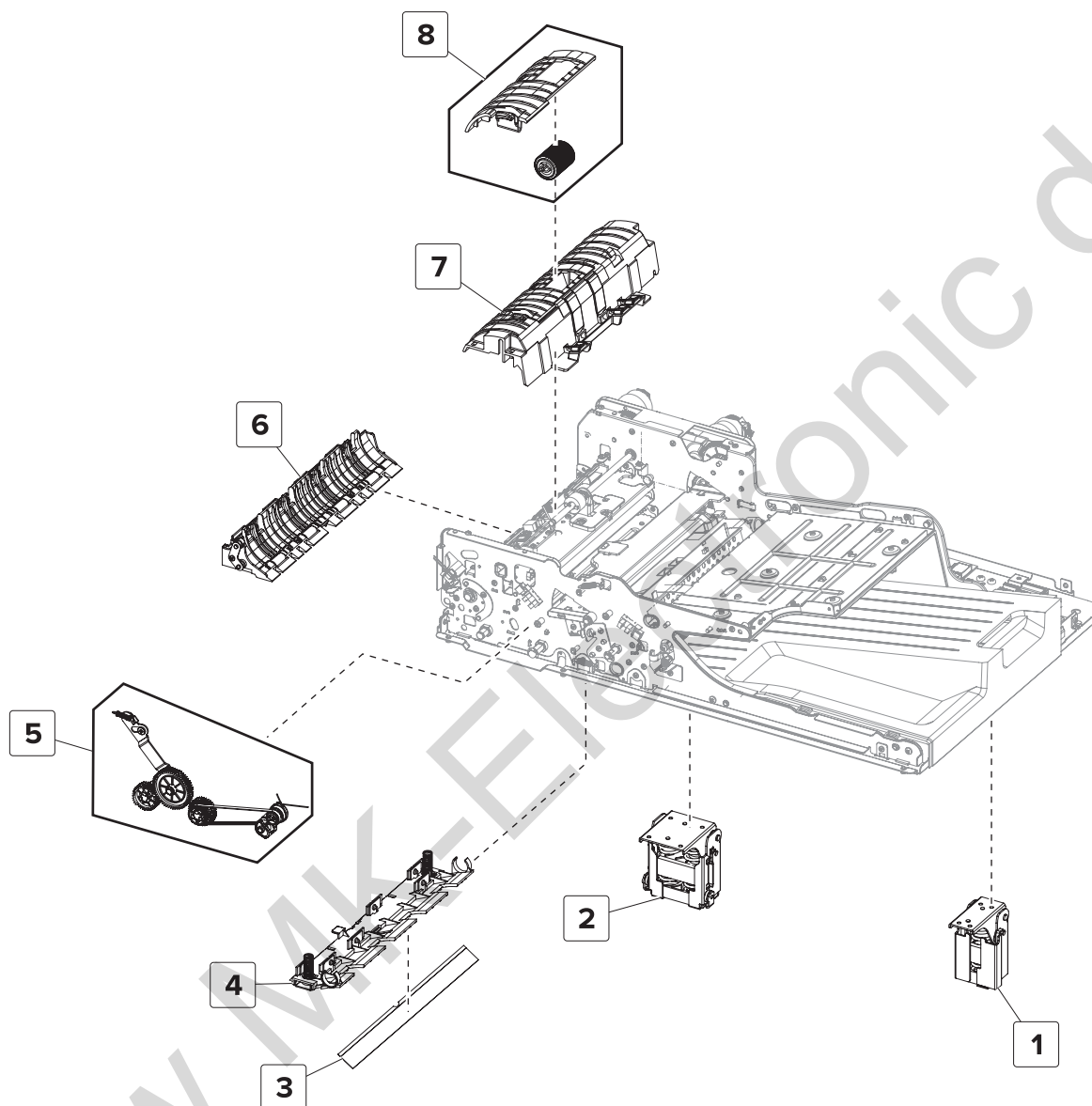
Assembly 20: ADF 2



Assembly 20: ADF 2

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0323	1	1	ADF tray	“ADF tray removal” on page 713
2	41X0298	1	1	ADF rear cover	“ADF rear cover removal” on page 711
3	41X0295	1	1	Paper bail	--
4	41X0304	1	1	Bin extension	--
5	41X0303	1	1	ADF bottom door	“ADF bottom door removal” on page 714
6	41X0314	1	1	ADF pad	--
7	41X0297	1	1	ADF front cover	“ADF front cover removal” on page 713
8	41X0277	1	1	Left lower cover	--

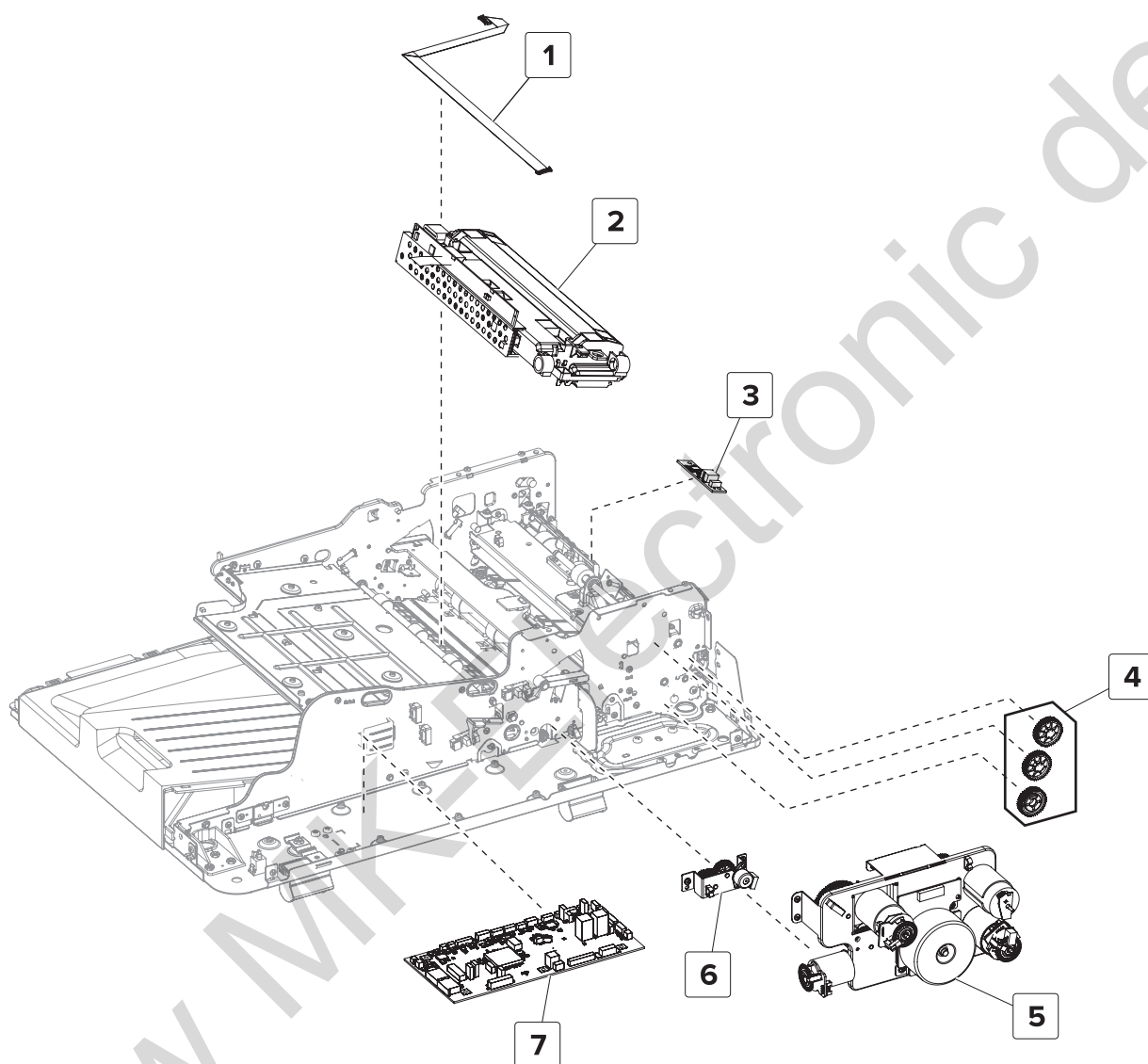
Assembly 21: ADF 3



Assembly 21: ADF 3

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X7762	1	1	Right hinge	--
2	41X0311	1	1	Left hinge	--
3	41X0305	1	1	Float plate guide	--
4	41X0319	1	1	Float plate	--
5	41X0317	1	1	ADF front drive train	“ADF front drive train removal” on page 717
6	41X0309	1	1	Deflector guide	--
7	41X0306	1	1	Input guide	“Input guide removal” on page 727
8	41X0360	1	1	ADF separator roller and cover	“ADF separator roller removal” on page 726

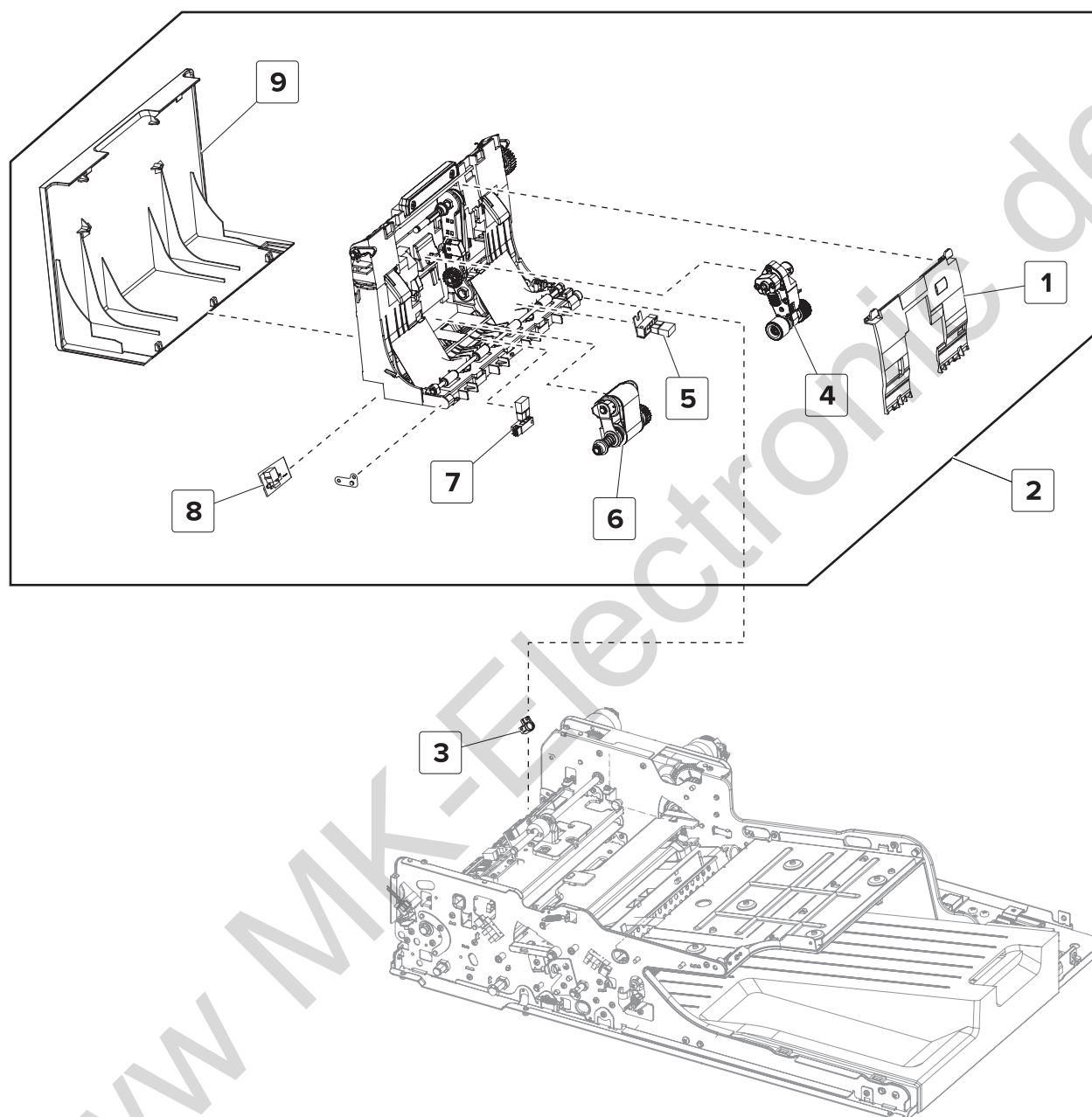
Assembly 22: ADF 4



Assembly 22: ADF 4

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0296	1	1	CCDM cable (ADF)	--
2	41X0320	1	1	CCDM (ADF)	--
3	41X0322	1	1	Sensor (ADF multi-feed, receiver)	--
4	41X0316	1	1	ADF rear drive gears	--
5	41X0312	1	1	Motor (ADF)	--
6	41X0313	1	1	Motor (calibration roller)	--
7	41X0318	1	1	ADF controller board	--
NS	41X0219	1	1	ADF cable pack	--

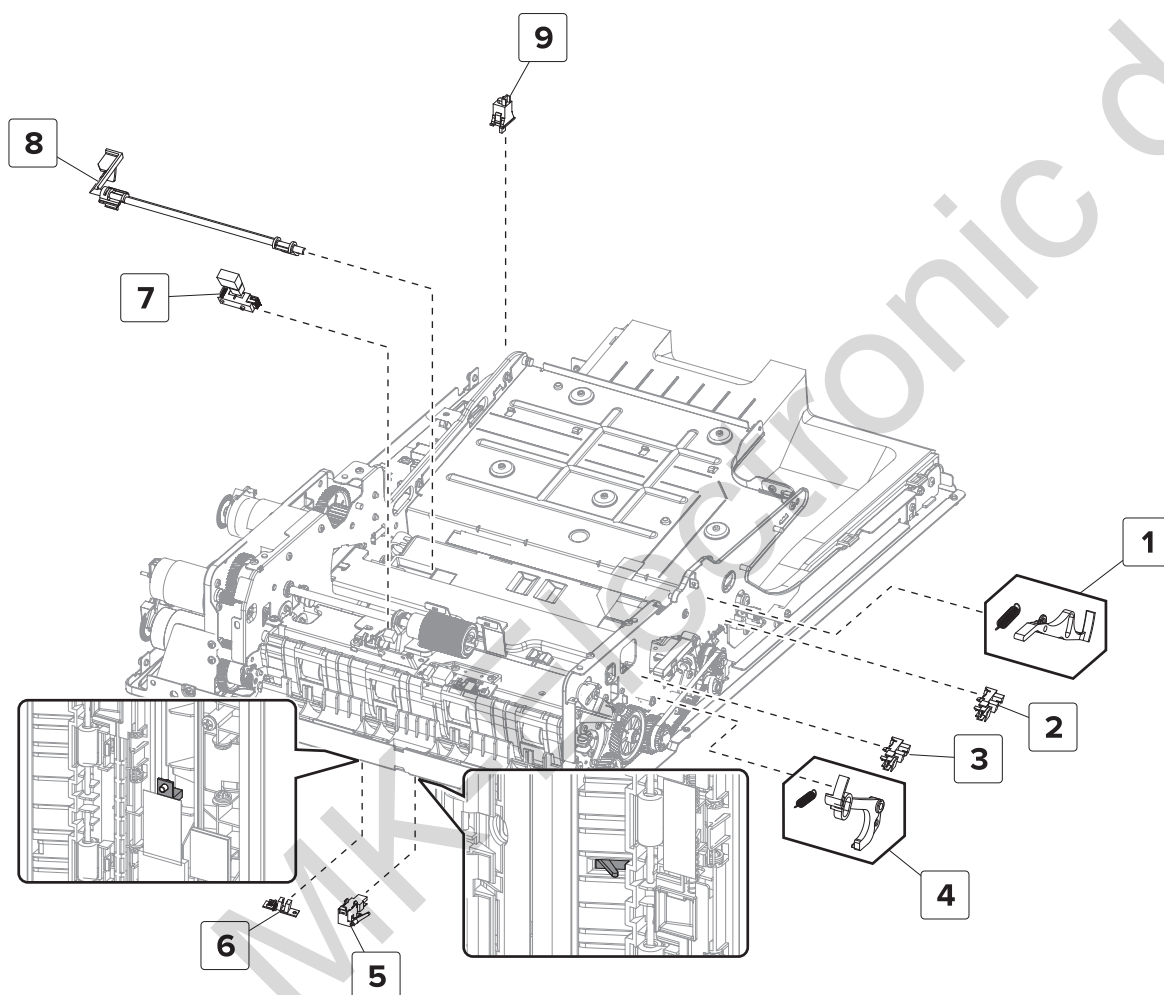
Assembly 23: ADF 5



Assembly 23: ADF 5

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0299	1	1	Pick roller cover	“ADF pick roller cover removal” on page 709
2	41X0302	1	1	Top door	--
3	41X0310	1	1	Top door hinge retainer	--
4	41X0358	1	1	ADF pick roller	“ADF pick roller removal” on page 710
5	40X7779	1	1	Sensor (ADF gap detect)	--
6	41X0359	1	1	ADF feed belt	“ADF feed belt removal” on page 710
7	40X7779	1	1	Sensor (ADF registration)	--
8	41X0574	1	1	Sensor (ADF multi-feed transmitter)	--
9	41X0579	1	1	Top door cover	--

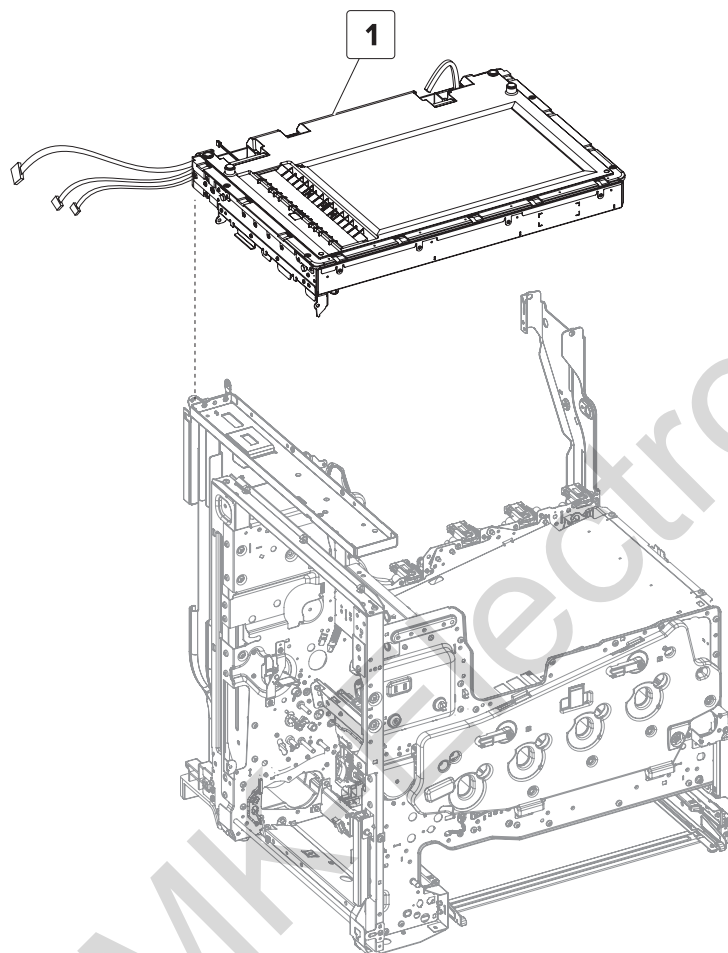
Assembly 24: ADF 6



Assembly 24: ADF 6

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0293	1	1	Top interlock actuator	“Top interlock actuator removal” on page 716
2	41X0570	1	1	Sensor (ADF top door interlock)	--
3	41X0570	1	1	Sensor (ADF bottom door interlock)	--
4	41X0294	1	1	Bottom interlock actuator	“Bottom interlock actuator removal” on page 725
5	40X7776	1	1	Sensor (ADF 2nd scan)	“Sensor (ADF 2nd scan) removal” on page 731
6	41X0576	1	1	Sensor (ADF 1st scan)	--
7	40X7779	1	1	Sensor (ADF pick)	--
8	41X0292	1	1	ADF media exit actuator	--
9	40X7778	1	1	Sensor (ADF closed)	--

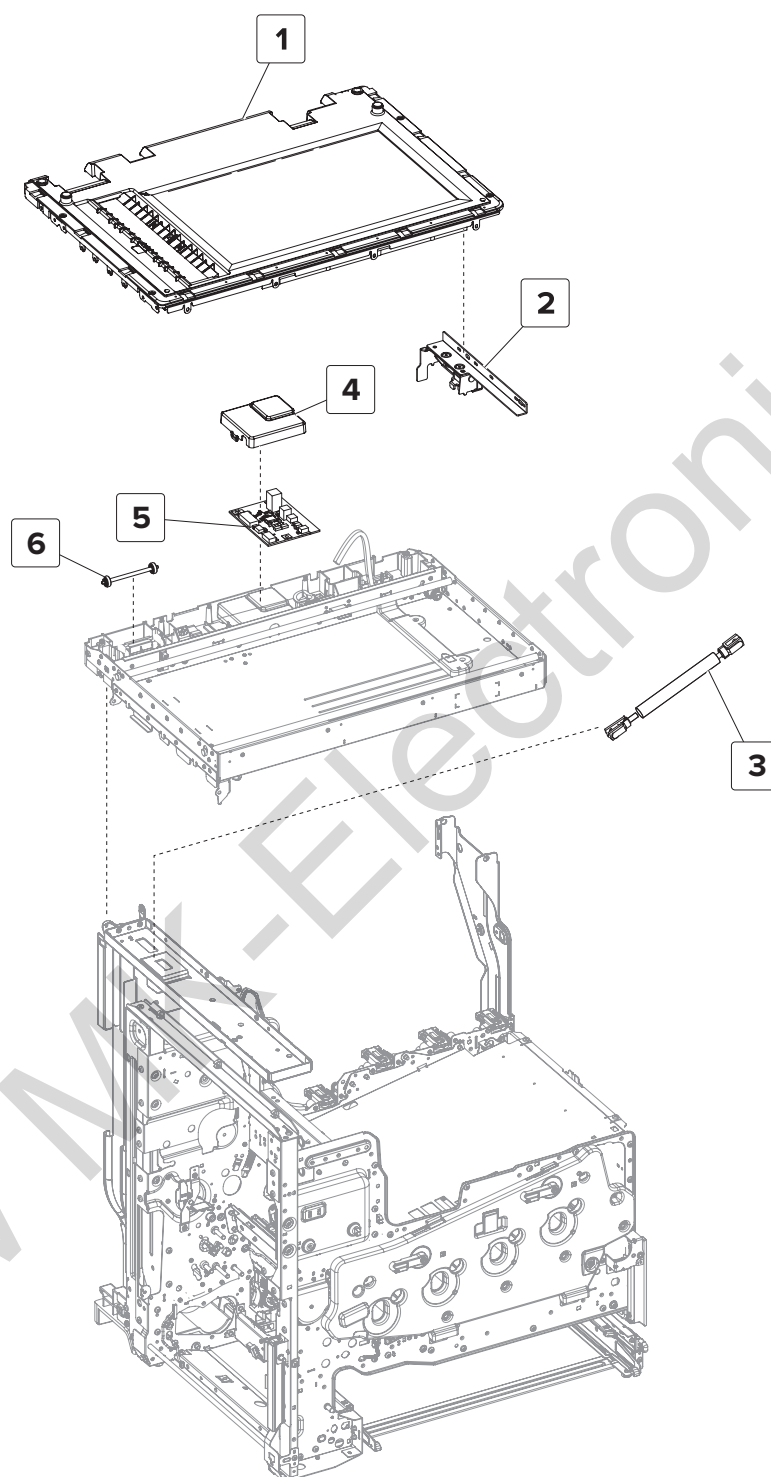
Assembly 25: Flatbed scanner 1



Assembly 25: Flatbed scanner 1

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0289	1	1	Flatbed scanner	--

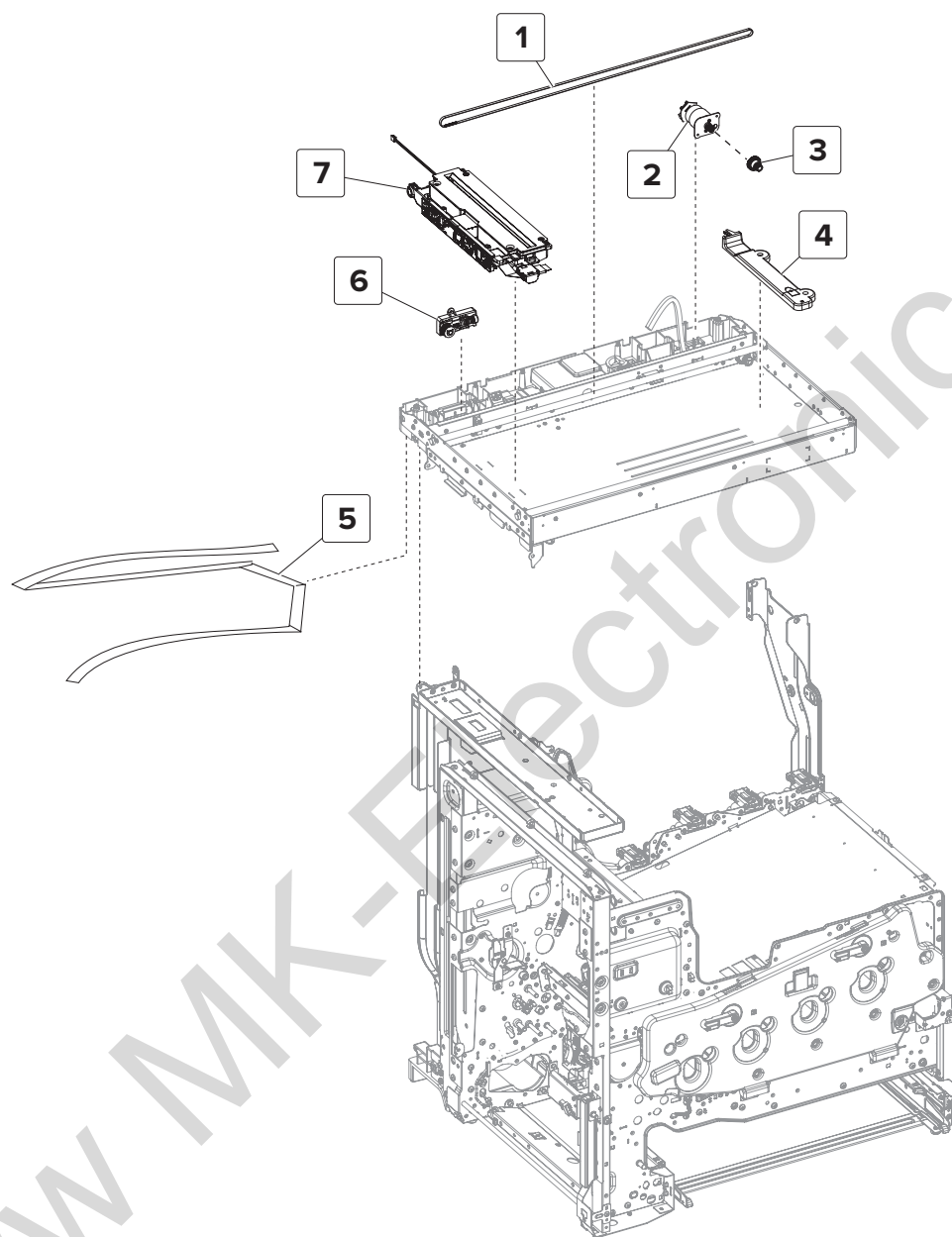
Assembly 26: Flatbed scanner 2



Assembly 26: Flatbed scanner 2

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0275	1	1	Flatbed scanner top cover	“Flatbed scanner top cover removal” on page 736
2	41X0281	1	1	Scanner frame latch	--
3	41X0261	1	1	Scanner support	--
4	41X0276	1	1	Board cover	--
5	41X0283	1	1	Flatbed scanner board	“Flatbed scanner board removal” on page 742
6	41X0286	1	1	Hinge roller	--

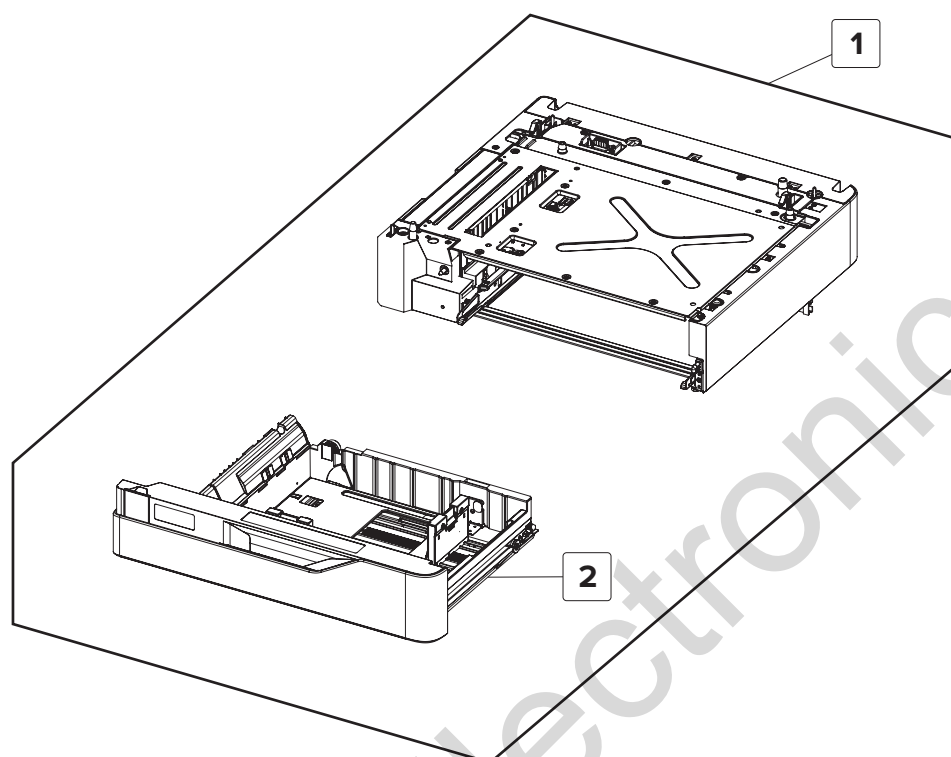
Assembly 27: Flatbed scanner 3



Assembly 27: Flatbed scanner 3

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0273	1	1	Scanner belt	--
2	41X0282	1	1	Motor (flatbed scanner)	“Motor (flatbed scanner) removal” on page 745
3	41X0279	1	1	Scanner gear	--
4	41X0290	1	1	Sensor (flatbed media length)	--
5	41X0274	1	1	CCDM cable (flatbed)	--
6	41X0284	1	1	Tensioner pulley	“Flatbed scanner tensioner pulley removal” on page 749
7	41X0287	1	1	CCDM (flatbed)	“Flatbed scanner CCDM removal” on page 740

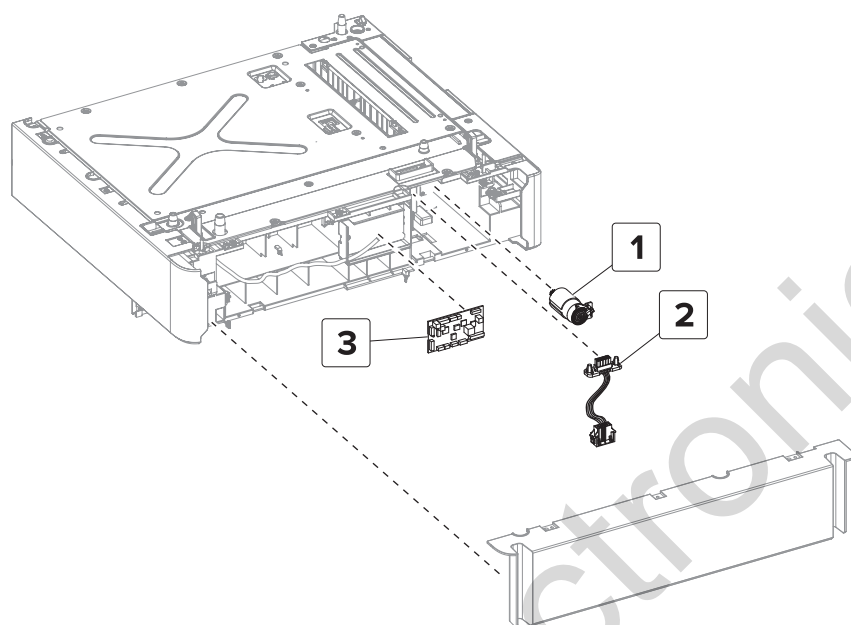
Assembly 28: 550-sheet tray



Assembly 28: 550-sheet tray

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0326	1	1	550-sheet tray	--
2	41X0175	1	1	550-sheet tray insert	--

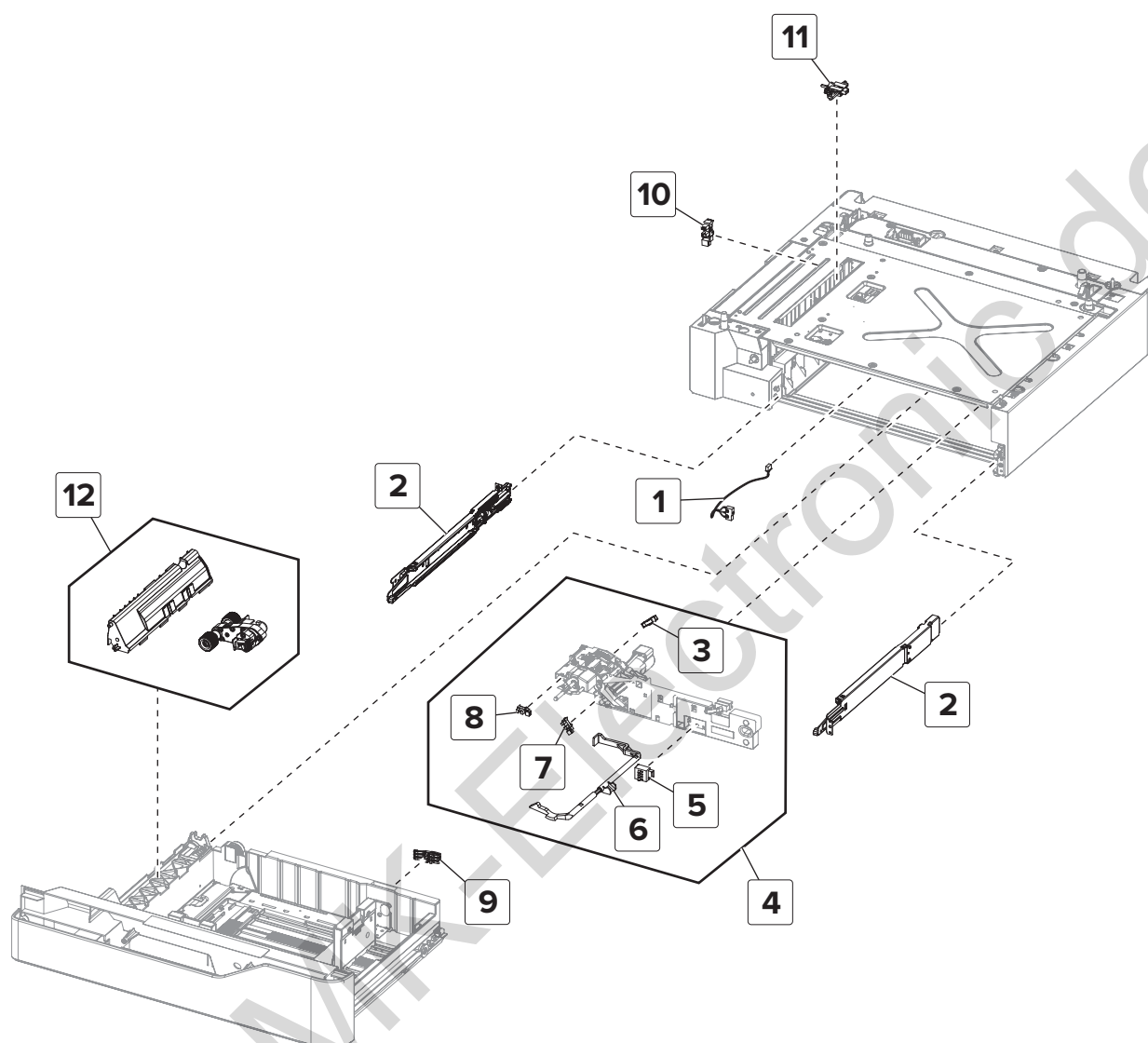
Assembly 29: 550-sheet tray—Rear



Assembly 29: 550-sheet tray—Rear

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0451	1	1	Motor (550-sheet tray pass-through)	“Motor (550-sheet tray pass-through) removal” on page 762
2	41X0336	1	1	550-sheet tray interface cable	“550-sheet tray interface cable removal” on page 757
3	41X0331	1	1	550-sheet tray controller board	“550-sheet tray controller board removal” on page 757

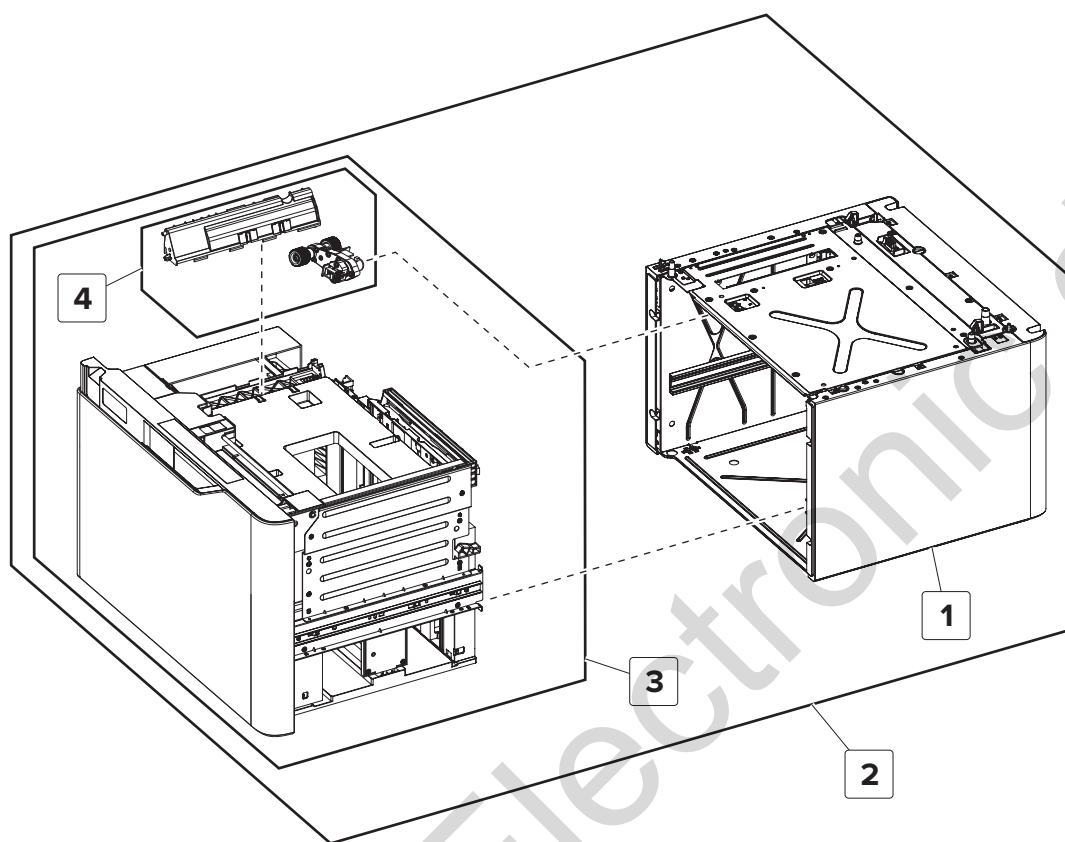
Assembly 30: 550-sheet tray—Front



Assembly 30: 550-sheet tray—Front

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0335	1	1	550-sheet tray wake-up switch	“550-sheet tray wake up switch removal” on page 763
2	41X0342	1	1	550-sheet tray rails	“550-sheet tray right rail removal” on page 754 “550-sheet tray left rail removal” on page 761
3	41X0470	1	1	Sensor (550-sheet tray media out)	“Sensor (550-sheet tray media out) removal” on page 755
4	41X0106	1	1	550-sheet tray paper feeder	“550-sheet tray paper feeder removal” on page 755
5	40X7911	1	1	Sensor (550-sheet tray media size)	“Sensor (550-sheet tray media size) removal” on page 752
6	41X0338	1	1	550-sheet tray media out sensor actuator	“Sensor (550-sheet tray media out) removal” on page 755
7	41X0470	1	1	Sensor (550-sheet tray media low)	“Sensor (550-sheet tray media low) removal” on page 753
8	41X0470	1	1	Sensor (550-sheet tray pick roller index)	“Sensor (550-sheet tray pick roller index) removal” on page 760
9	40X8541	1	1	550-sheet tray media size sensor actuators	“550-sheet tray media size sensor actuators removal” on page 752
10	41X0470	1	1	Sensor (550-sheet tray jam door)	“Sensor (550-sheet tray jam door)” on page 754
11	41X0951	1	1	Sensor (550-sheet tray pass-through)	--
12	41X0999	1	1	Pick roller and separator pad	“Pick roller removal” on page 654

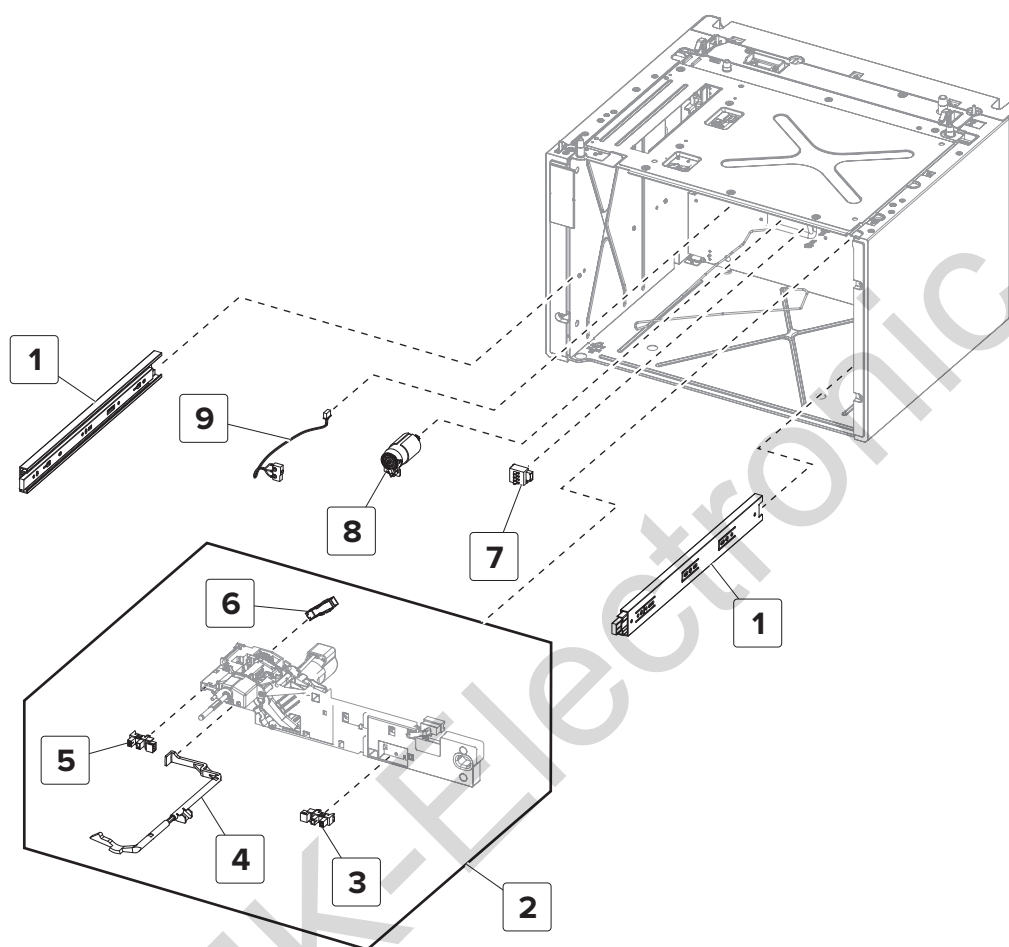
Assembly 31: 2200-sheet tray



Assembly 31: 2200-sheet tray

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0329	1	1	2200-sheet tray base	--
2	41X0328	1	1	2200-sheet tray	--
3	41X0330	1	1	2200-sheet tray insert	“2200-sheet tray insert removal” on page 765
4	41X0999	1	1	Pick roller and separator pad	--

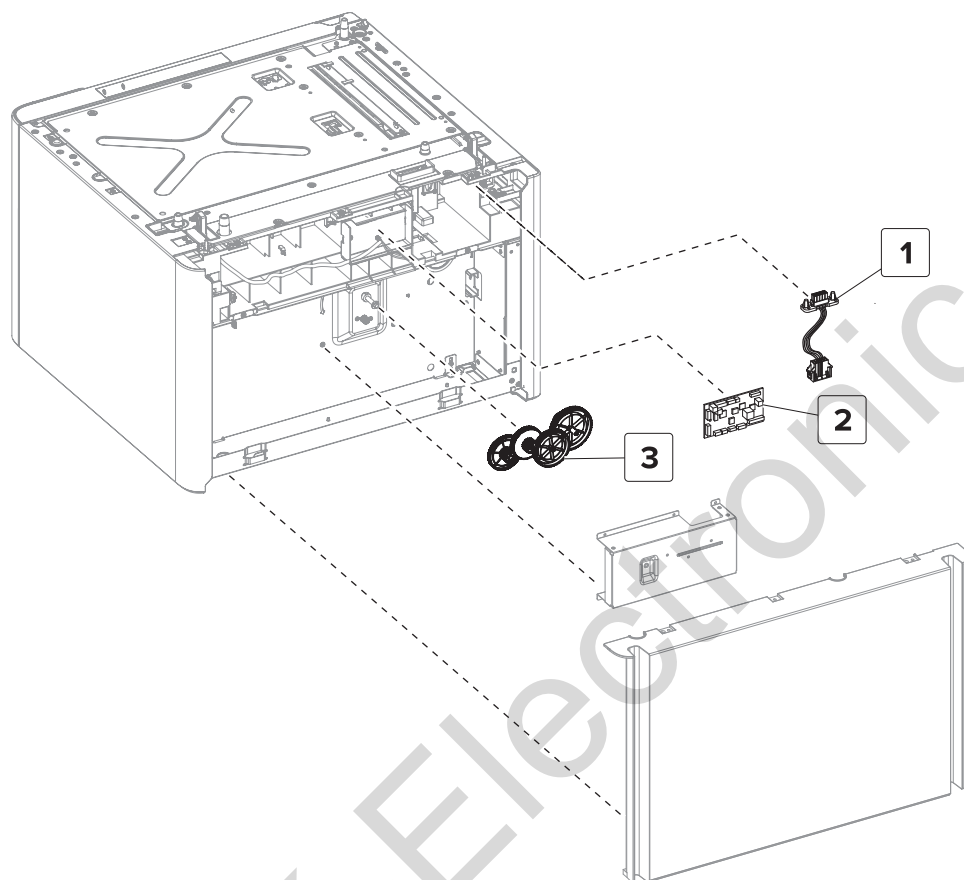
Assembly 32: 2200-sheet tray—Front



Assembly 32: 2200-sheet tray—Front

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0343	1	1	2200-sheet tray rails	“2200-sheet tray rail removal” on page 766
2	41X0369	1	1	2200-sheet tray paper feeder	“2200-sheet tray paper feeder removal” on page 774
3	41X0470	1	1	Sensor (2200-sheet tray media low)	“Sensor (2200-sheet tray media low) removal” on page 767
4	41X0338	1	1	2200-sheet tray media out sensor actuator	“2200-sheet tray media out sensor actuator removal” on page 777
5	41X0470	1	1	Sensor (2200-sheet tray pick roller index)	“Sensor (2200-sheet tray pick roller index) removal” on page 775
6	41X0470	1	1	Sensor (2200-sheet tray media out)	“Sensor (2200-sheet tray media out) removal” on page 774
7	40X7911	1	1	Sensor (2200-sheet tray media size)	“Sensor (2200-sheet tray media size) removal” on page 767
8	41X0140	1	1	Lift motor	“Motor (2200-sheet tray elevator) removal” on page 772
9	41X0335	1	1	2200-sheet tray wake up switch	“2200-sheet tray wake up switch removal” on page 780

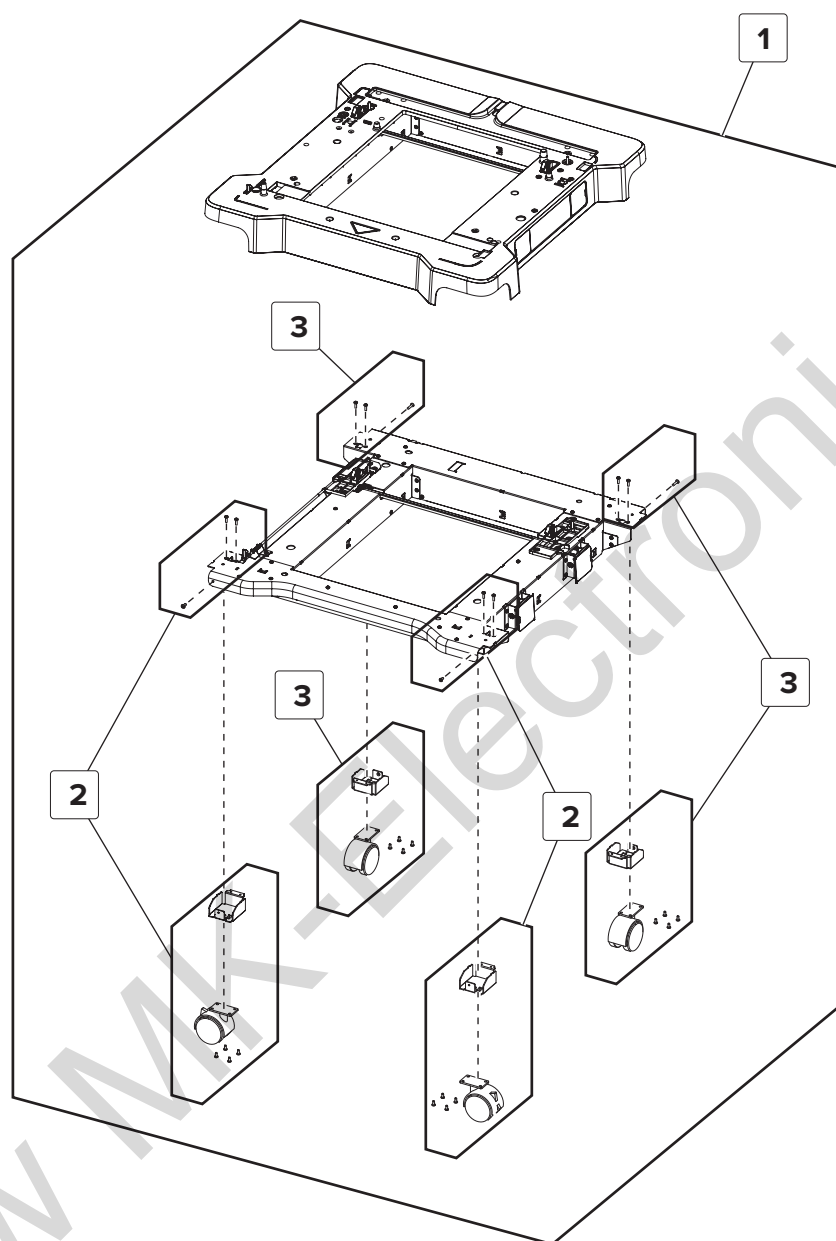
Assembly 33: 2200-sheet tray—Rear



Assembly 33: 2200-sheet tray—Rear

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0337	1	1	2200-sheet tray interface cable	“2200-sheet tray interface cable removal” on page 769
2	41X0332	1	1	2200-sheet tray controller board	“2200-sheet tray controller board removal” on page 768
3	41X0351	1	1	2200-sheet tray elevator gears	“2200-sheet tray elevator gears removal” on page 771

Assembly 34: Caster base



Assembly 34: Caster base

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0762	1	1	Caster base	--
2	41X0774	2	1	Caster base locking caster	"Locking caster removal" on page 781
3	41X0775	2	1	Caster base non-locking caster	"Non-locking caster removal" on page 784

Assembly 35: Cables

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
NS	41X0280	1	1	Flatbed scanner cable	--
NS	41X0890	1	1	Paper feed cables parts pack • Tray 1 sensor cable • Deskew/duplex motor cable • MPF/pass-through motor cable • Redrive sensor/motor cable • Redrive extension cable • MPF cable • Paper path sensor • Duplex door beacon cable • Paper path sensor module cable	--
NS	41X0891	1	1	Motor cables parts pack • Waste toner motor cable • Fuser/transfer belt motor cable • Developers drive motor cable • Drums drive motor cable • Printhead fan extension cable • HVPS fan extension cable	--
NS	41X0892	1	1	HVPS cables parts pack • Charge roller HVPS cable • Wiper/printhead mirror motor cable • Main HVPS cable	--
NS	41X0893	1	1	LVPS cables parts kit • AC power cable • LVPS/controller board cable • Fuser power cable	--
NS	41X0894	1	1	Miscellaneous cables parts pack • Waste toner bottle present sensor cable • Door interlock switch cable • Ground cable • Flat flex ground cable • Distribution card cable	--

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
NS	41X0895	1	1	Control panel cables kit • Control panel cable (SFP) • Proximity sensor cable (MFP) • LCD cable • USB cable • Speaker extension cable • Headphone cable (MFP) • Keyboard USB cable	--
NS	41X0896	1	1	Options interface cables parts kit • Input option cable • Output option cable (SFP) • Output option cable (MFP)	--
NS	41X0950	1	1	Optional tray cables parts pack • Separator motor cable • Paper feeder extension cable • Paper feeder cable	--

Assembly 36: Maintenance kits

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
NS	41X0927	1	1	Maintenance kit, 300K (100 V Combo fuser and transfer module) includes: • Fuser • Transfer belt • Transfer roller • 3 pick rollers • 3 separator pads	--
NS	41X0928	1	1	Maintenance kit, 300K (115 V Combo fuser and transfer module) includes: • Fuser • Transfer belt • Transfer roller • 3 pick rollers • 3 separator pads	--
NS	41X0929	1	1	Maintenance kit, 300K (220 V Combo fuser and transfer module) includes: • Fuser • Transfer belt • Transfer roller • 3 pick rollers • 3 separator pads	--
NS	41X0930	1	1	Maintenance kit, 300K (Roller) includes: • Transfer roller • 3 pick rollers • 3 separator pads	--
NS	41X0931	1	1	Maintenance kit, 200K (ADF) includes: • ADF pick rollers • ADF separator roller • ADF feed belt	--

www MK-Electronic.de

Assembly 37: Power cords

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
NS	40X7104	1	1	Power cord (low-voltage)—USA, Canada, Puerto Rico, Virgin Islands and Caribbean countries (including Dominican Republic), Mexico, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Venezuela	--
NS	40X0288	1	1	Power cord (high-voltage)—Argentina	--
NS	40X0297	1	1	Power cord (high-voltage)—Argentina	--
NS	40X0259	1	1	Power cord (low-voltage)—Brazil	--
NS	40X0273	1	1	Power cord (high-voltage)—Chile, Uruguay	--
NS	40X7104	1	1	Power cord (low-voltage)—USA (TAA)	--
NS	40X1767	1	1	Power cord (high-voltage)—USA (TAA)	--
NS	40X0301	1	1	Power cord (high-voltage)—Australia, New Zealand	--
NS	40X0303	1	1	Power cord (high-voltage)—PRC	--
NS	40X1791	1	1	Power cord (low-voltage)—Taiwan	--
NS	40X3609	1	1	Power cord (100 V)—Japan	--
NS	40X1792	1	1	Power cord (high-voltage)—Korea	--
NS	40X0271	1	1	Power cord (high-voltage)—Hong Kong, Singapore, Malaysia, Pakistan, Sri Lanka, Myanmar, Brunei, Bangladesh	--
NS	40X0279	1	1	Power cord (high-voltage)—Philippines, Thailand	--
NS	40X1767	1	1	Power cord (100 V)—Indonesia, Vietnam, Cambodia, Laos	--
NS	40X1773	1	1	Power cord (high-voltage)—Nepal, Bhutan	--
NS	40X1767	1	1	Power cord (high-voltage)—Algeria, Austria, Belgium, Bosnia, Bulgaria, Croatia, Czech Republic, Egypt, Estonia, France, Germany, Greece, Hungary, Iceland, Italy, Latvia, Lithuania, Luxembourg, Morocco, Netherlands, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Turkey	--
NS	40X1774	1	1	Power cord (high-voltage)—Denmark, Finland, Norway, Sweden, Iceland	--
NS	40X0271	1	1	Power cord (high-voltage)—United Kingdom (England, Scotland, Wales, Northern Ireland), Ireland, Saudi Arabia, Bahrain, Cyprus, Kuwait, Lebanon, Malta, Oman, Qatar, United Arab Emirates	--

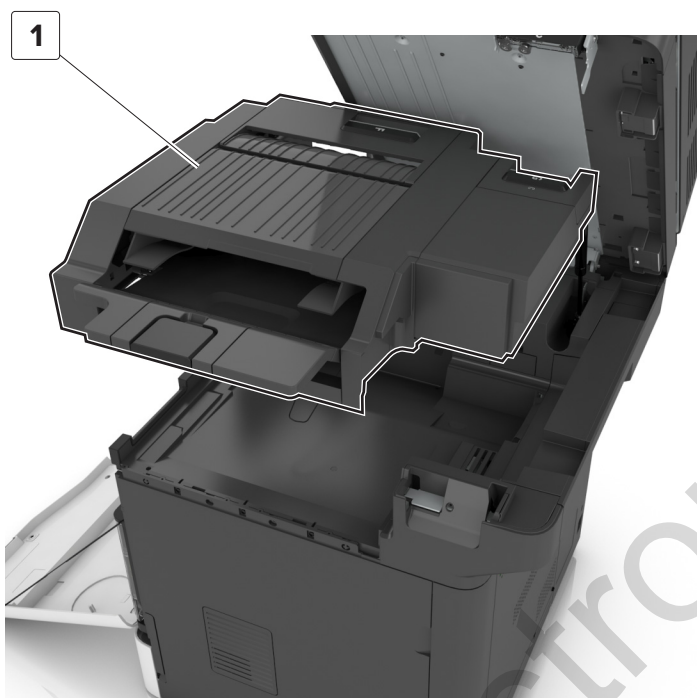
Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
NS	40X0275	1	1	Power cord (high-voltage)—Israel	--
NS	40X1773	1	1	Power cord (high-voltage)—South Africa (South Africa, Namibia, Lesotho, Botswana), Afghanistan	--
NS	40X1772	1	1	Power cord (high-voltage)—Switzerland	--
NS	40X3141	1	1	Power cord (high-voltage)—Turkey, Russia (CIS)	--

Assembly 38: Miscellaneous

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
NS	41X1010	1	1	Flash Memory Card, 256MB	--
NS	41X1001	1	1	Forms and Bar Code (FMBC) eMMC Card	--
NS	41X1003	1	1	IPDS eMMC Card	--
NS	41X1005	1	1	Font Card, DBCS	--
NS	41X1014	1	1	Font Card, Traditional Chinese	--
NS	41X1013	1	1	Font Card, Simplified Chinese	--
NS	41X1015	1	1	Font Card, Korean	--
NS	41X1016	1	1	Font Card, Japanese	--
NS	41X0357	1	1	Surge Protective Device, LV	--
NS	41X0370	1	1	Surge Protective Device, HV	--
NS	40X1367	1	1	Parallel Cable, 10 ft	--
NS	40X1368	1	1	USB 2.0 Cable, 2 m	--
NS	40X8671	1	1	Removable Hard Disk Kit	--
NS	40X8737	1	1	RFID Authentication Device	--
NS	40X9879	1	1	Contact Authentication Device	--
NS	40X7854	1	1	Fax Card	--
NS	41X0023	1	1	MarkNet N8360 Wireless Network Card	--
NS	40X7445	1	1	DDR3 RAM, 2GB	--
NS	40X7567	1	1	DDR3 RAM, 1GB	--
NS	41X0028	1	1	DDR3-G2 512Mx32 RAM, 2GB	--
NS	40X9935	1	1	Fax Card	--
NS	41X0997	1	1	Contact Front Solutions Module	--
NS	41X0998	1	1	Contactless Front Solutions Module	--

www MK-Electronic.de

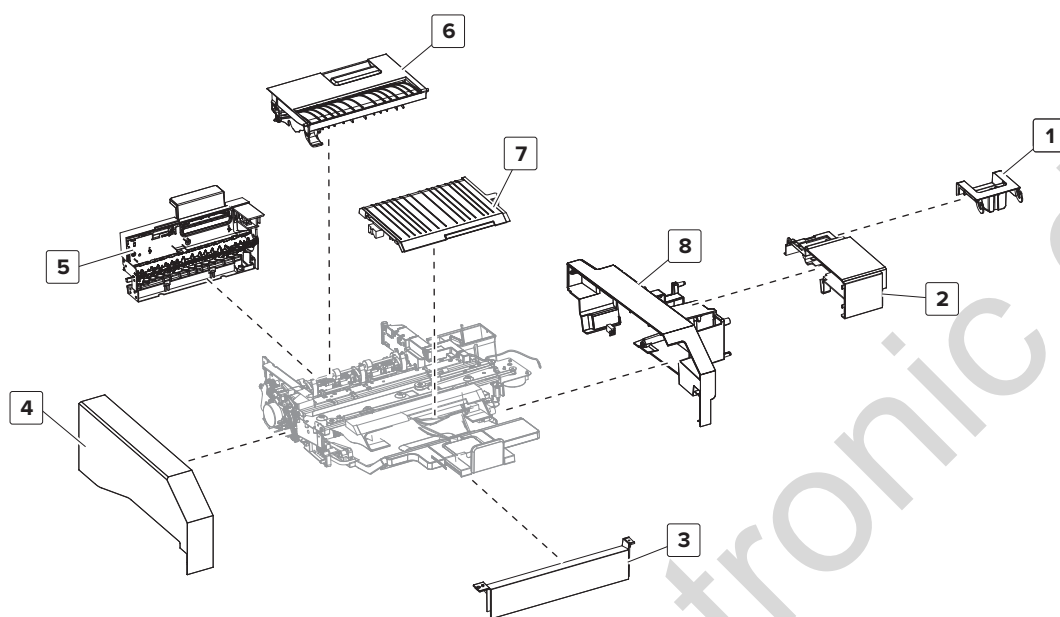
Assembly 39: Staple finisher option



Assembly 39: Staple finisher option

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0747	1	1	Staple finisher option	--

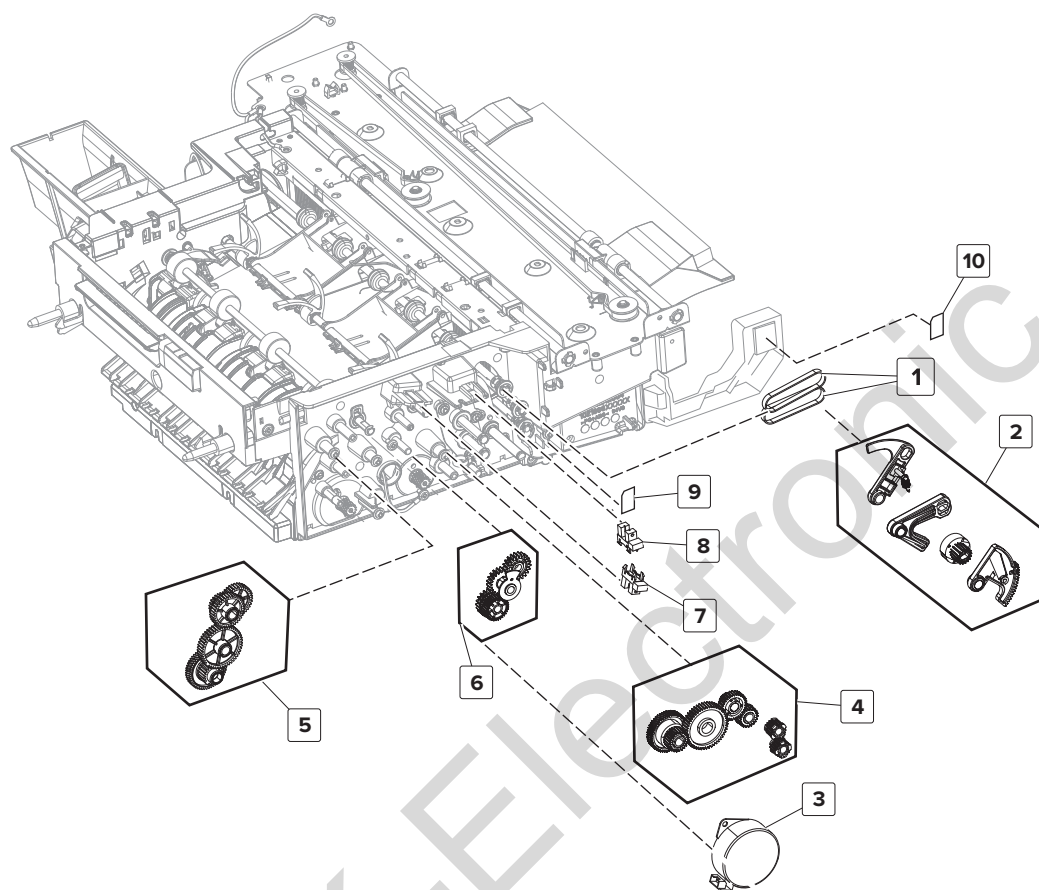
Assembly 40: Staple finisher—Covers



Assembly 40: Staple finisher—Covers

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0531	1	1	Staple finisher staple cartridge door	--
2	41X0742	1	1	Staple finisher rear cover	“Staple finisher rear cover removal” on page 788
3	41X0743	1	1	Staple finisher right cover	“Staple finisher right cover removal” on page 787
4	41X0744	1	1	Staple finisher front cover	“Staple finisher front cover removal” on page 787
5	41X0745	1	1	Staple finisher lock assembly	“Staple finisher lock assembly removal” on page 791
6	41X0498	1	1	Staple finisher jam access door	“Staple finisher jam access door removal” on page 791
7	41X0507	1	1	Staple finisher tamper top cover	“Staple finisher tamper top cover removal” on page 824
8	41X0748	1	1	Staple finisher inner rear cover	“Staple finisher inner rear cover removal” on page 795

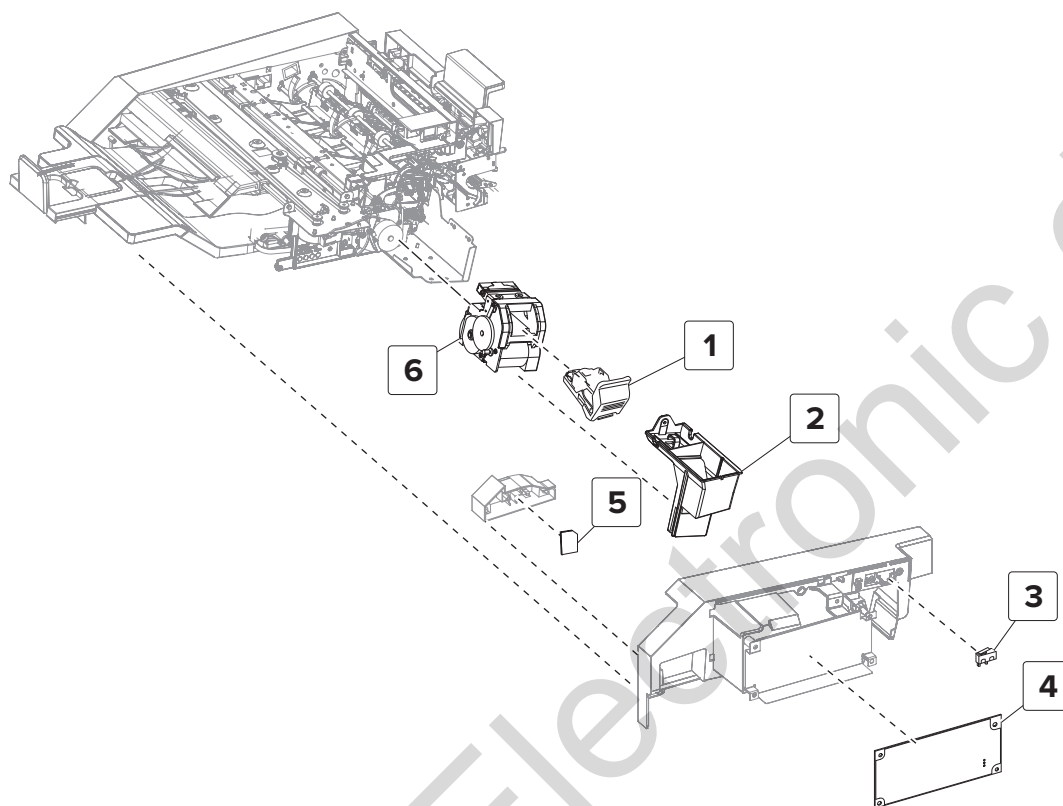
Assembly 41: Staple finisher—Front



Assembly 41: Staple finisher—Front

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0521	2	1	Staple finisher exit roller belts	“Staple finisher exit roller belts removal” on page 821
2	41X0516	1	1	Staple finisher front upper exit roller position gears	“Staple finisher front upper position exit roller gears removal” on page 819
3	40X8753	1	1	Motor (staple finisher aligner paddle)	“Motor (staple finisher aligner paddle) removal ” on page 812
4	41X0514	1	1	Staple finisher exit gears	“Staple finisher exit gears removal” on page 817
5	41X0512	1	1	Staple finisher transport gears	“Staple finisher transport gears removal” on page 812
6	41X0513	1	1	Staple finisher aligner paddle gears	“Staple finisher aligner paddle gears removal” on page 814
7	40X7301	1	1	Sensor (staple finisher aligner paddle)	“Staple finisher aligner paddle gears removal” on page 814
8	40X7301	1	1	Sensor (staple finisher upper exit roller)	“Sensor (staple finisher upper exit roller) removal” on page 816
9	41X0504	1	1	Sensor (staple finisher front lower bin full)	“Sensor (staple finisher lower bin full) removal” on page 796
10	41X0504	1	1	Sensor (staple finisher front upper bin full)	“Sensor (staple finisher upper bin full) removal” on page 798

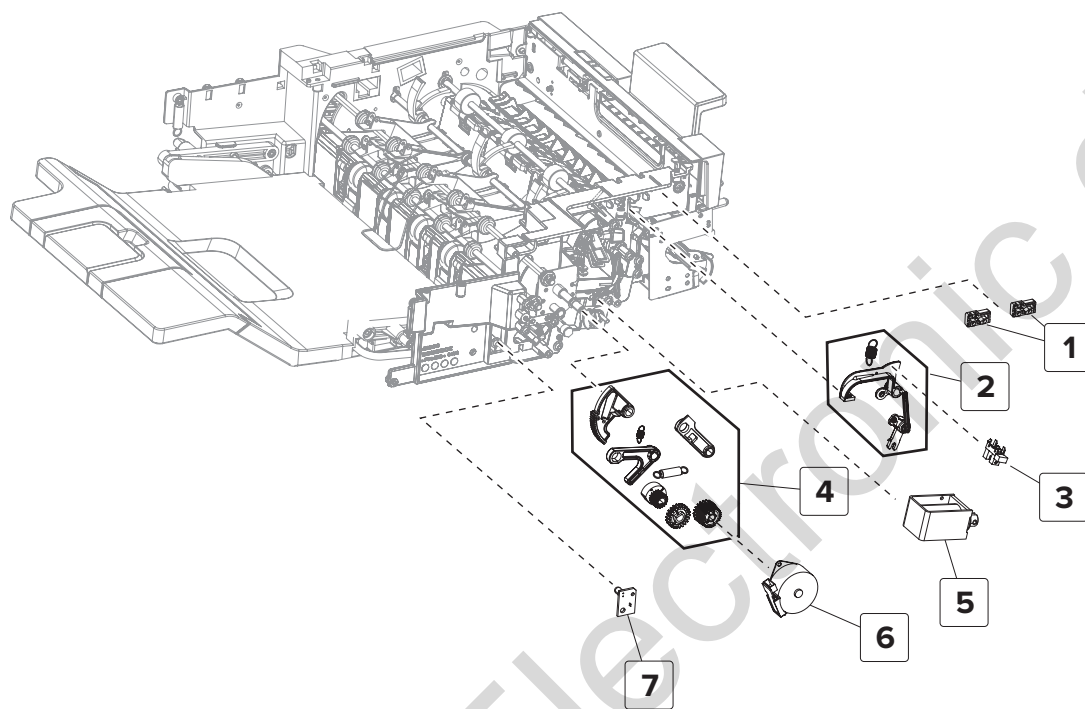
Assembly 42: Staple finisher—Electrical



Assembly 42: Staple finisher—Electrical

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0530	1	1	Staple finisher staple cartridge holder	--
2	41X0500	1	1	Staple finisher staple cartridge ejector	“Staple finisher staple unit ejector removal” on page 803
3	41X0499	1	1	Staple finisher staple cartridge door switch	“Staple finisher staple cartridge door switch removal” on page 794
4	41X0496	1	1	Staple finisher controller board	“Staple finisher controller board removal” on page 790
5	41X0504	1	1	Sensor (staple finisher rear lower bin full)	“Sensor (staple finisher lower bin full) removal” on page 796
6	41X0501	1	1	Staple finisher staple unit	“Staple finisher staple unit removal” on page 805
NS	41X0783	1	1	Staple finisher cable parts pack	--

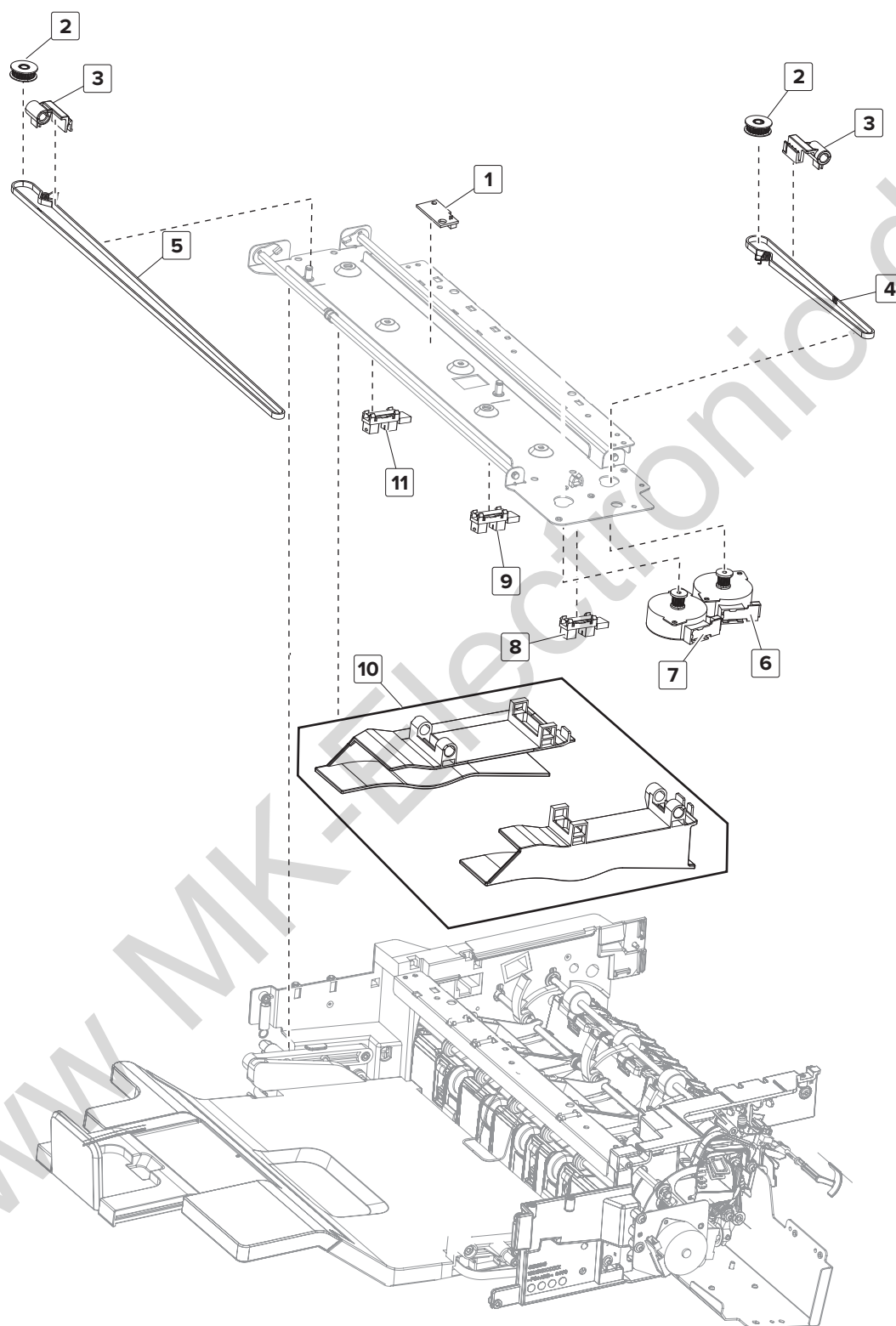
Assembly 43: Staple finisher—Rear



Assembly 43: Staple finisher—Rear

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0505	1	2	Staple finisher jam door switch	“Staple finisher jam door switches removal” on page 807
2	41X0503	1	1	Staple finisher stack clamp	“Staple finisher stack clamp removal” on page 808
3	40X7301	1	1	Sensor (staple finisher stack clamp)	“Staple finisher stack clamp removal” on page 808
4	41X0784	1	1	Staple finisher rear upper exit roller position gears	“Staple finisher rear upper position exit roller gears removal” on page 800
5	41X0502	1	1	Staple finisher stack clamp solenoid	“Staple finisher stack clamp solenoid removal” on page 810
6	40X8256	1	1	Motor (staple finisher upper exit roller)	“Motor (staple finisher upper exit roller) removal” on page 799
7	41X0504	1	1	Sensor (staple finisher rear upper bin full)	“Sensor (staple finisher upper bin full) removal” on page 798

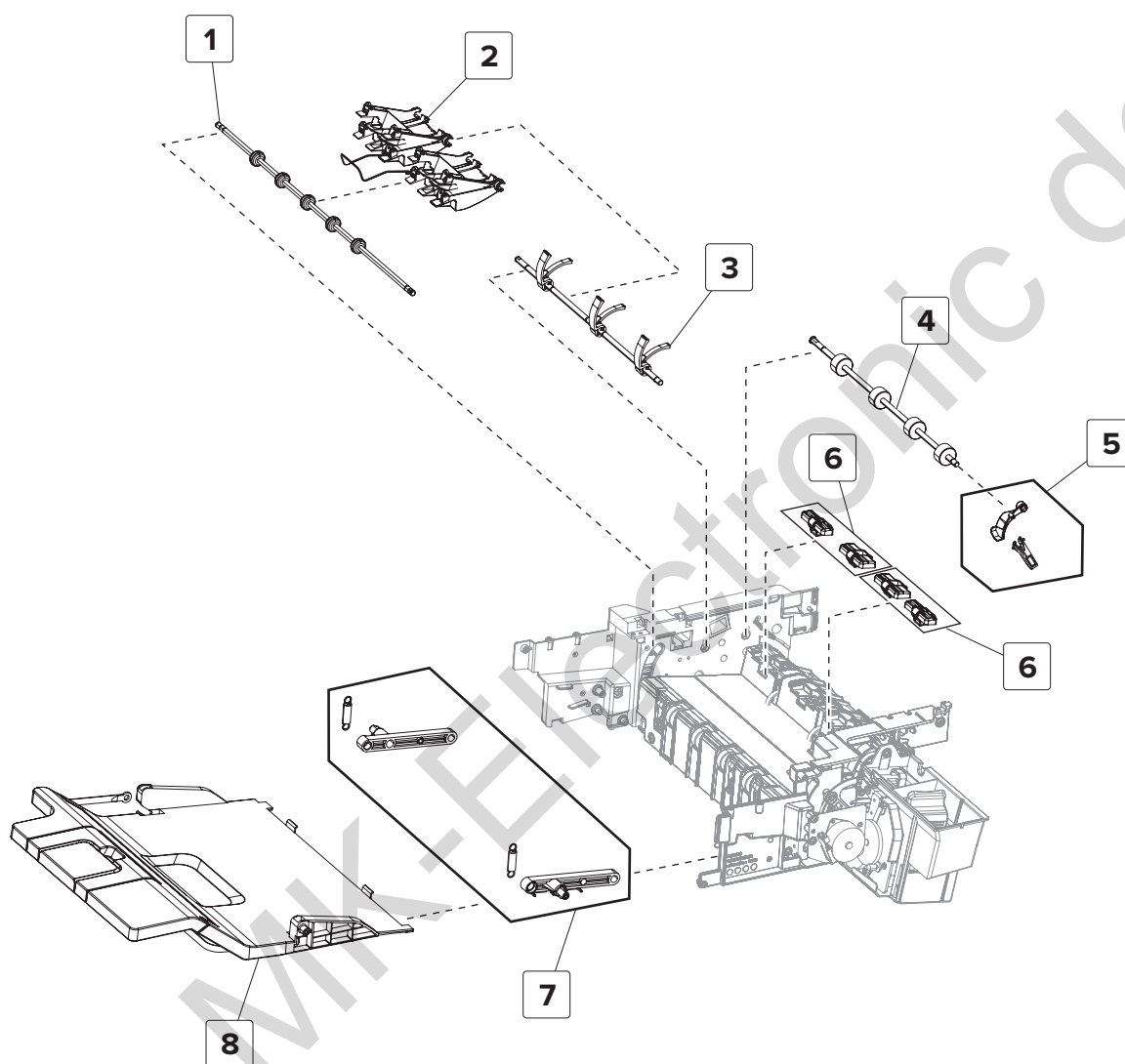
Assembly 44: Staple finisher—Tamper



Assembly 44: Staple finisher—Tamper

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0778	1	1	Staple finisher cave light	“Staple finisher tamper top cover removal” on page 824
2	41X0776	1	1	Staple finisher tamper pulley gears	“Staple finisher tamper pulley gear removal” on page 828
3	41X0508	1	1	Staple finisher tamper belt holders	“Staple finisher tamper removal” on page 829
4	41X0535	1	1	Staple finisher rear tamper belt	“Staple finisher tamper belts removal” on page 827
5	41X0534	1	1	Staple finisher front tamper belt	“Staple finisher tamper belts removal” on page 827
6	40X8211	1	1	Motor (staple finisher rear tamper)	“Motor (staple finisher tamper) removal” on page 825
7	40X8211	1	7	Motor (staple finisher front tamper)	“Motor (staple finisher tamper) removal” on page 825
8	40X7301	1	1	Sensor (staple finisher rear tamper home)	“Sensor (staple finisher tamper position) removal” on page 825
9	40X7301	1	1	Sensor (staple finisher narrow media tamper)	“Sensor (staple finisher tamper position) removal” on page 825
10	41X0509	1	1	Staple finisher tampers	“Staple finisher tamper removal” on page 829
11	40X7301	1	1	Sensor (staple finisher front tamper home)	“Sensor (staple finisher tamper position) removal” on page 825

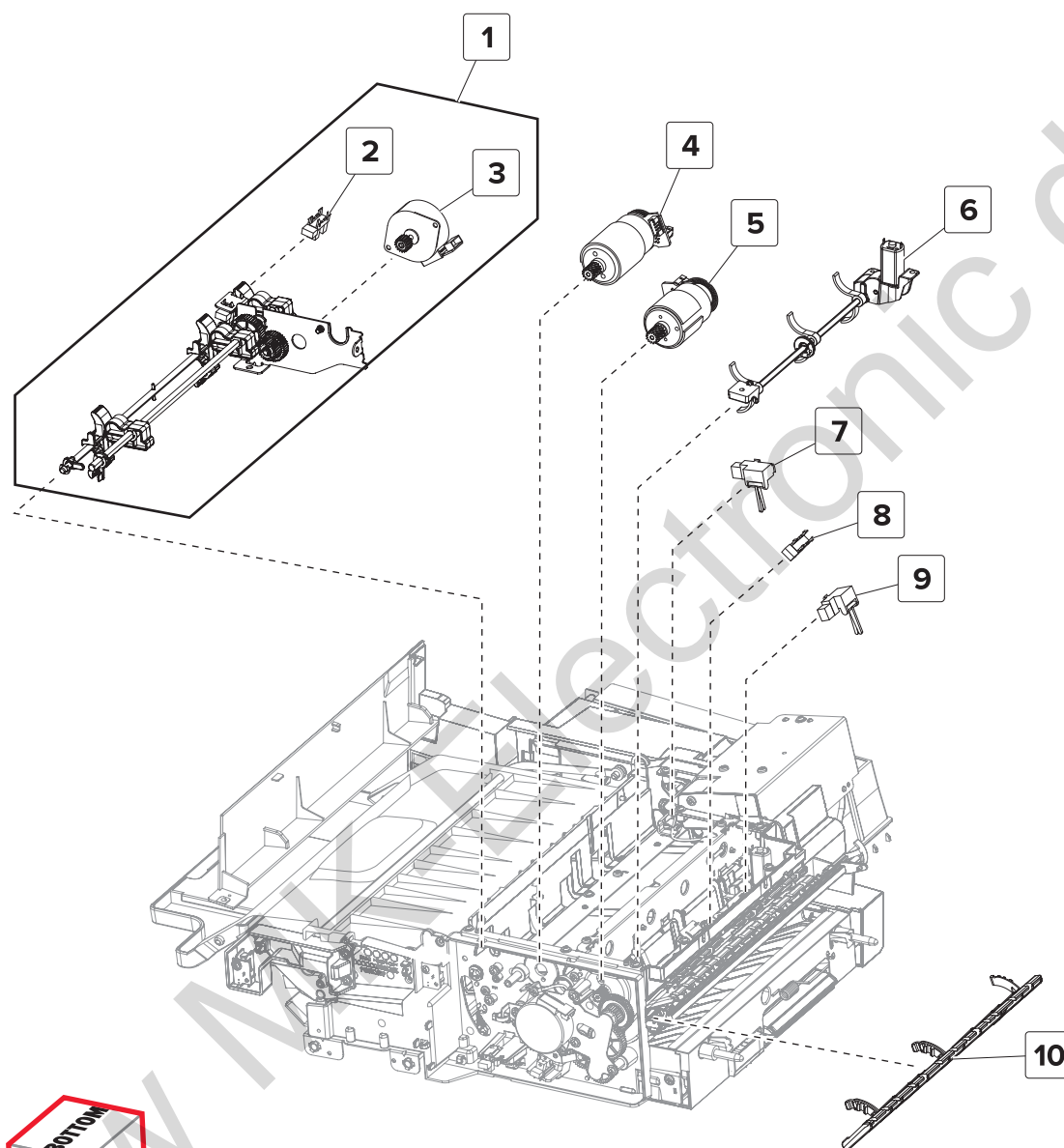
Assembly 45: Staple finisher—Transport



Assembly 45: Staple finisher—Transport

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0515	1	1	Staple finisher upper exit roller	“Staple finisher upper exit roller removal” on page 841
2	41X0519	1	1	Staple finisher upper paper guide	“Staple finisher aligner paddle and upper paper guide removal” on page 838
3	41X0518	1	1	Staple finisher aligner paddle	“Staple finisher aligner paddle and upper paper guide removal” on page 838
4	41X0517	1	1	Staple finisher compiler feed roller	“Staple finisher compiler feed roller removal” on page 834
5	41X0525	1	1	Staple finisher compiler paper guide	“Staple finisher compiler paper guide removal” on page 836
6	41X0526	2	1	Staple finisher compiler feed idler	“Staple finisher compiler feed idler removal” on page 837
7	41X0527	1	1	Staple finisher bin link	“Staple finisher bin link removal” on page 831
8	41X0528	1	1	Staple finisher bin	“Staple finisher bin removal” on page 832

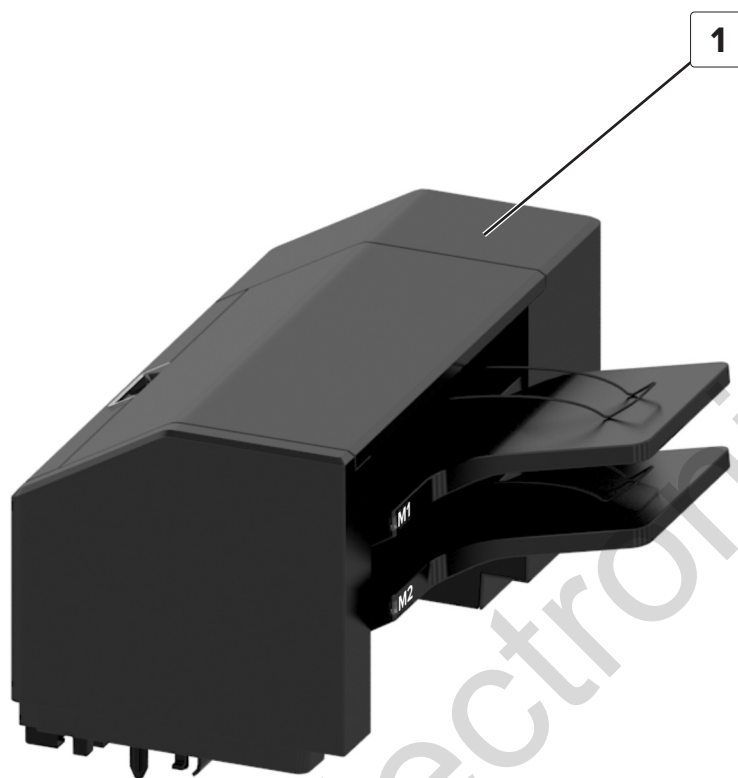
Assembly 46: Staple finisher—Bottom



Assembly 46: Staple finisher—Bottom

Asm-index	P/N	Units/opt	Units/FRU	Description	Removal procedure
1	41X0532	1	1	Staple finisher bin clamp assembly	“Staple finisher bin clamp assembly removal” on page 846
2	40X7301	1	1	Sensor (staple finisher bin clamp)	“Sensor (staple finisher bin clamp) removal” on page 853
3	40X8256	1	1	Motor (staple finisher bin clamp)	“Motor (staple finisher bin clamp) removal” on page 854
4	41X0529	1	1	Motor (staple finisher exit)	“Motor (staple finisher exit) removal” on page 859
5	41X0529	1	1	Motor (staple finisher transport)	“Motor (staple finisher transport) removal” on page 859
6	41X0523	1	1	Staple finisher decurl paddle	“Staple finisher decurl assembly removal” on page 861
7	40X8745	1	1	Sensor (staple finisher staple unit paper present)	“Sensor (staple finisher staple unit paper present) removal” on page 862
8	40X7301	1	1	Sensor (staple finisher decurl)	“Sensor (staple finisher decurl) removal” on page 863
9	40X8745	1	1	Sensor (staple finisher transport)	“Sensor (staple finisher transport) removal” on page 864
10	41X0511	1	1	Staple finisher entrance paper guide	“Staple finisher entrance paper guide removal” on page 844
NS	41X0786	1	1	Staple finisher screw parts pack	--
NS	41X0787	1	1	Staple finisher plastic clip	--

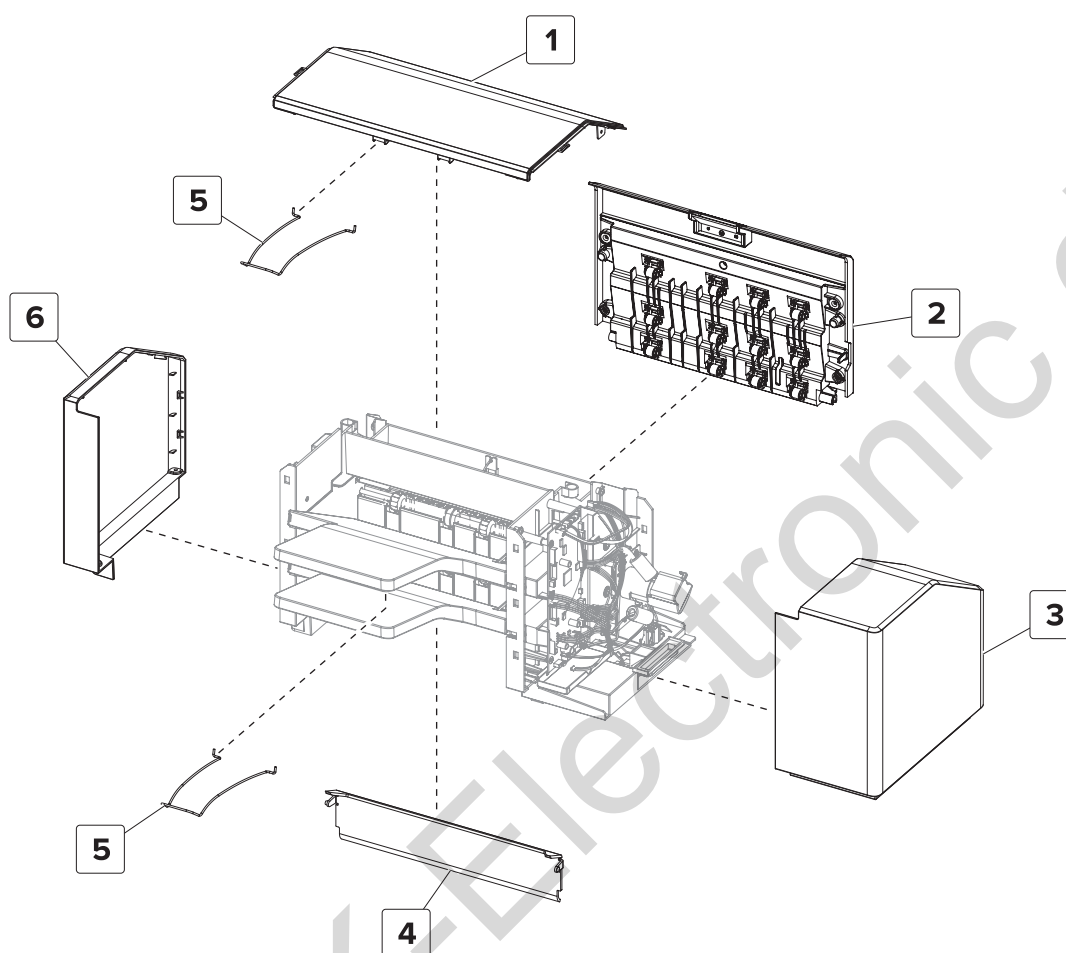
Assembly 47: Mailbox 1



Assembly 47: Mailbox 1

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0707	1	1	Optional 2-bin mailbox	--

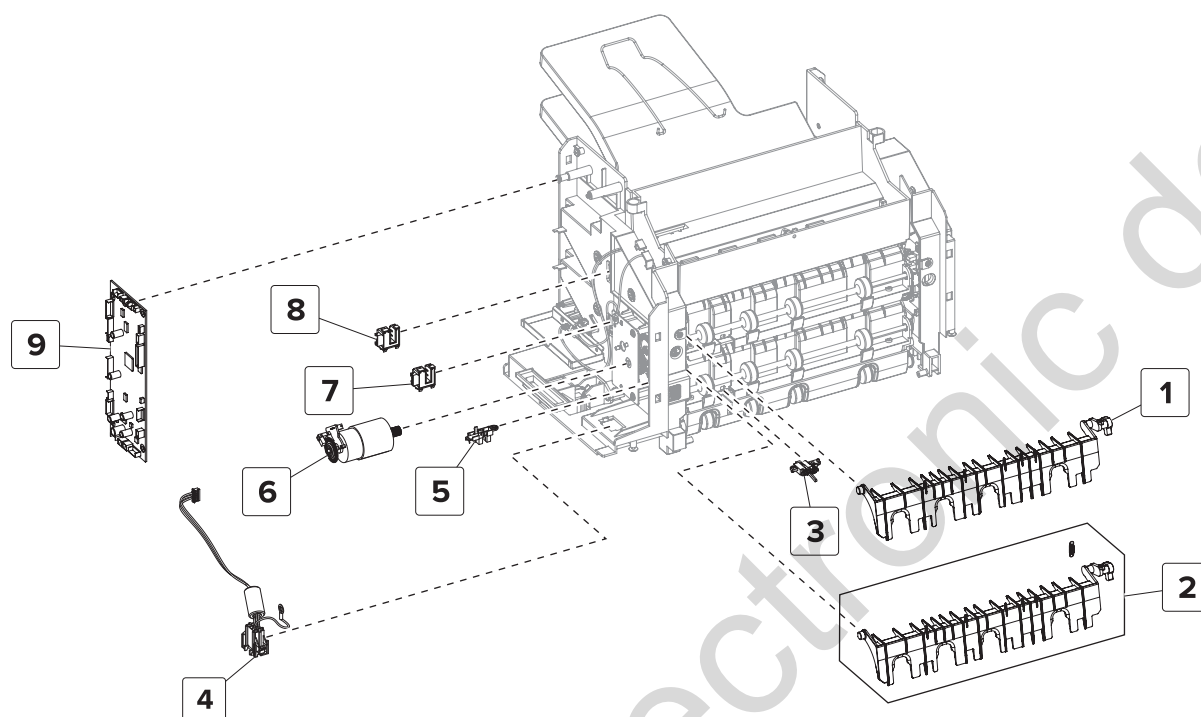
Assembly 48: Mailbox 2



Assembly 48: Mailbox 2

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0696	1	1	Mailbox top cover	“Mailbox top cover removal” on page 1213
2	41X0697	1	1	Mailbox jam door	“Mailbox jam door removal” on page 1204
3	41X0721	1	1	Mailbox rear cover	“Mailbox rear cover removal” on page 1206
4	41X0722	1	1	Mailbox bottom cover	“Mailbox bottom cover removal” on page 1213
5	41X0698	2	1	Mailbox bail	“Mailbox bail removal” on page 1203
6	41X0695	1	1	Mailbox front cover	“Mailbox front cover removal” on page 1204

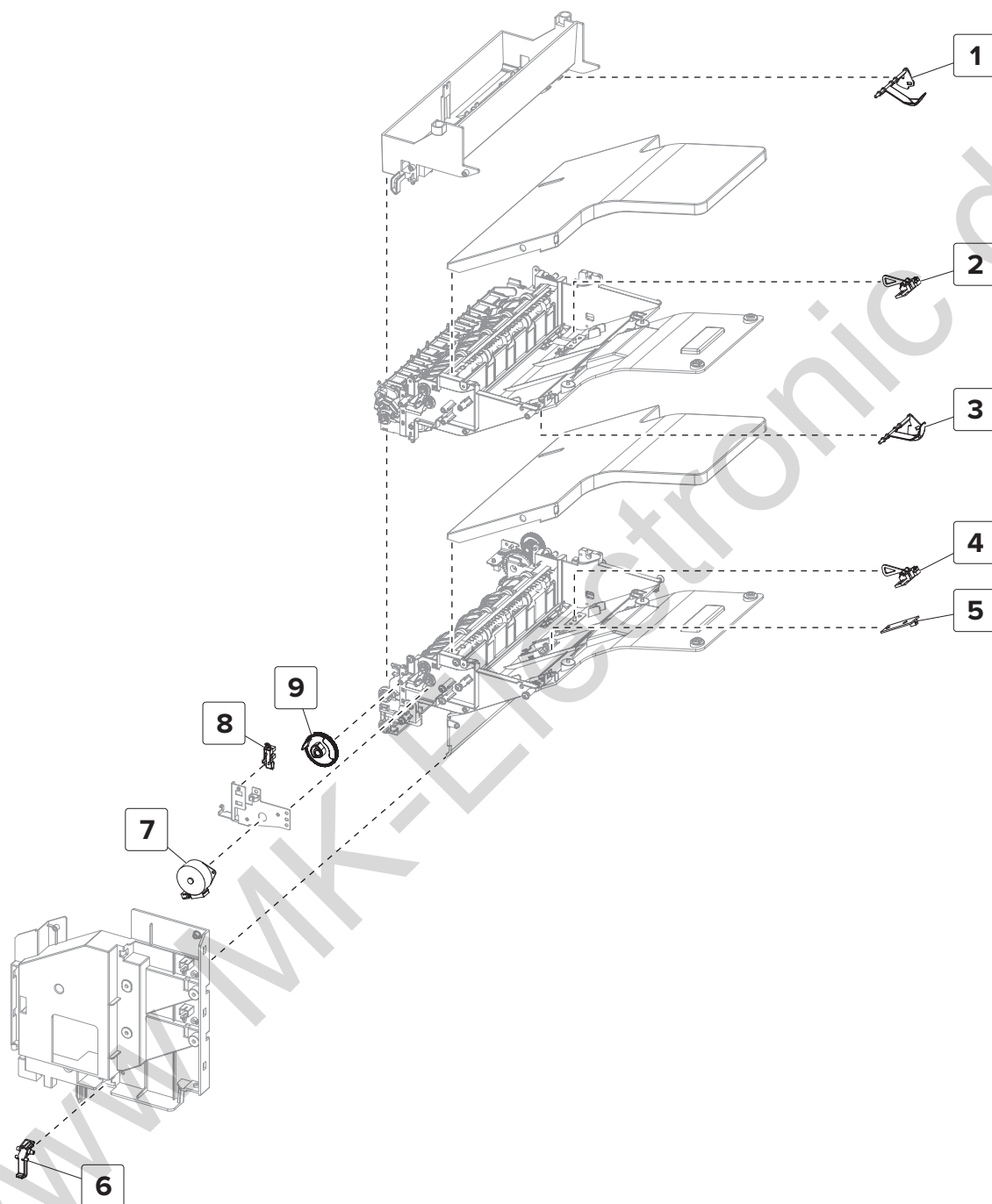
Assembly 49: Mailbox 3



Assembly 49: Mailbox 3

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0702	1	1	Mailbox top diverter Installation note: The spring is not required during replacement.	“Mailbox diverter removal” on page 1216
2	41X0702	1	1	Mailbox diverter, bottom	“Mailbox diverter removal” on page 1216
3	41X0385	1	1	Sensor (mailbox transport)	“Sensor (mailbox transport) removal” on page 1228
4	41X0723	1	1	Mailbox interface cable	“Mailbox interface cable removal” on page 1210
5	41X0709	1	1	Sensor (mailbox jam door)	“Sensor (mailbox jam door) removal” on page 1209
6	41X0703	1	1	Motor (mailbox transport)	“Motor (mailbox transport) removal” on page 1208
7	41X0701	1	1	Sensor (mailbox bin 1 full)	“Sensor (mailbox bin 1 full) removal” on page 1219
8	41X0701	1	1	Sensor (mailbox bin 2 full)	“Sensor (mailbox bin 2 full) removal” on page 1220
9	41X0679	1	1	Mailbox controller board	“Mailbox controller board removal” on page 1207

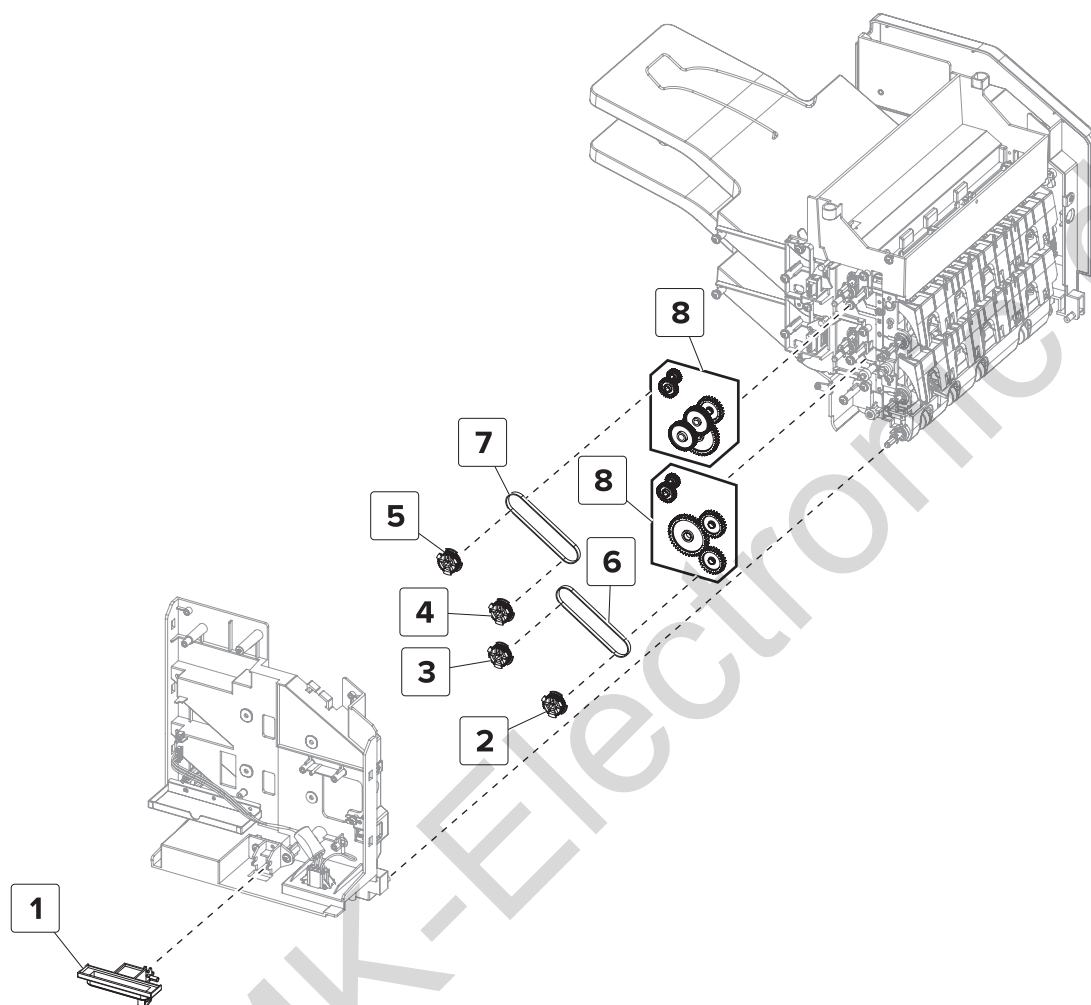
Assembly 50: Mailbox 4



Assembly 50: Mailbox 4

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0700	1	1	Mailbox bin 2 full sensor flag	“Mailbox bin 2 full sensor flag removal” on page 1221
2	41X0724	1	1	Sensor (mailbox bin 2 paper present)	“Sensor (mailbox bin 2 paper present) removal” on page 1224
3	41X0700	1	1	Mailbox bin 1 full sensor flag	“Mailbox bin 1 full sensor flag removal” on page 1223
4	41X0724	1	1	Sensor (mailbox bin 1 paper present)	“Sensor (mailbox bin 1 paper present) removal” on page 1226
5	41X0725	1	1	Bin light board	“Bin light board removal” on page 1227
6	41X0726	1	1	Mailbox latch	“Mailbox latch removal” on page 1211
7	40X8256	1	1	Motor (mailbox diverter)	“Motor (mailbox diverter) removal” on page 1205
8	41X0709	1	1	Sensor (mailbox diverter home)	“Sensor (mailbox diverter home) removal” on page 1215
9	41X0727	1	1	Mailbox diverter gear	“Mailbox diverter gear removal” on page 1217

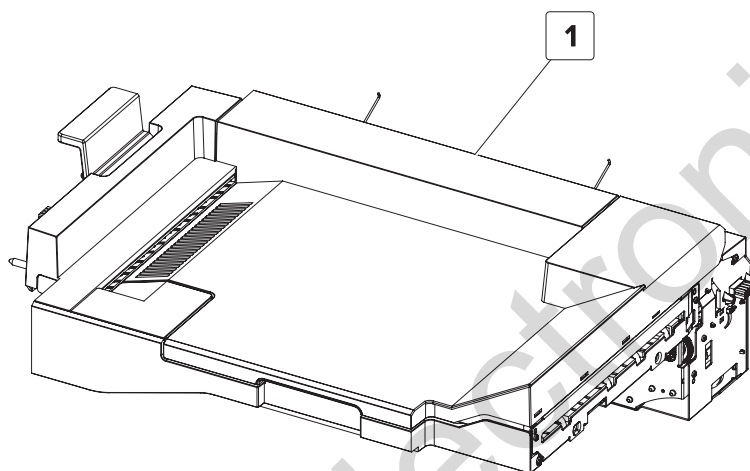
Assembly 51: Mailbox 5



Assembly 51: Mailbox 5

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0726	1	1	Mailbox latch	“Mailbox latch removal” on page 1211
2	41X0628	1	1	Mailbox pulley gear, bin 1	“Mailbox bin 1 pulley gear removal” on page 1232
3	41X0628	1	1	Mailbox pulley gear, bin 1	“Mailbox bin 1 pulley gear removal” on page 1232
4	41X0628	1	1	Mailbox pulley gear, bin 2	“Mailbox bin 2 pulley gear removal” on page 1230
5	41X0628	1	1	Mailbox pulley gear, bin 2	“Mailbox bin 2 pulley gear removal” on page 1230
6	40X8249	1	1	Mailbox drive belt, bin 1	“Mailbox drive belt removal” on page 1221
7	40X8249	1	1	Mailbox drive belt, bin 2	“Mailbox drive belt removal” on page 1221
8	41X0699	1	1	Mailbox drive gears	--

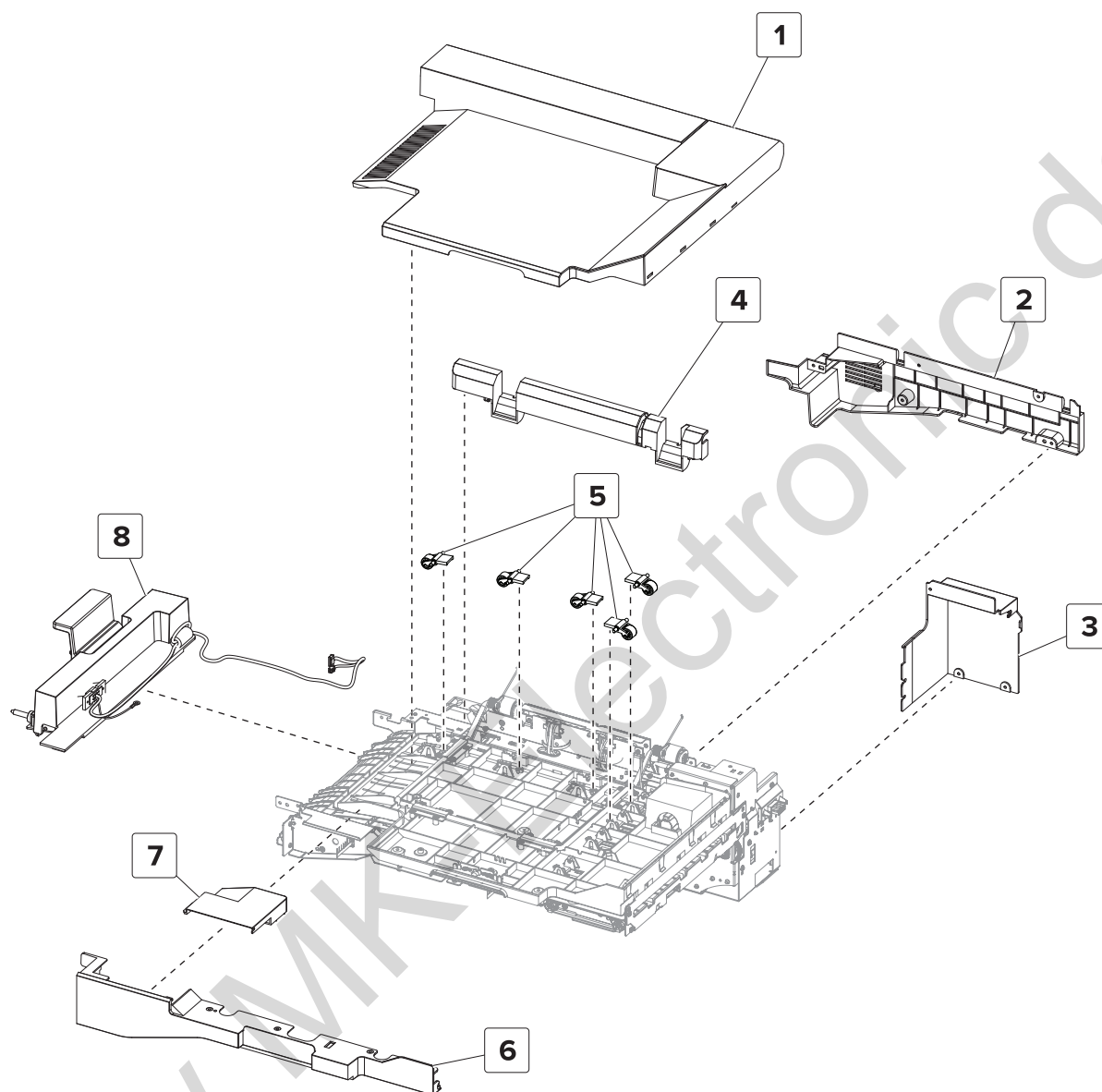
Assembly 52: HPT 1



Assembly 52: HPT 1

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0708	1	1	HPT	--

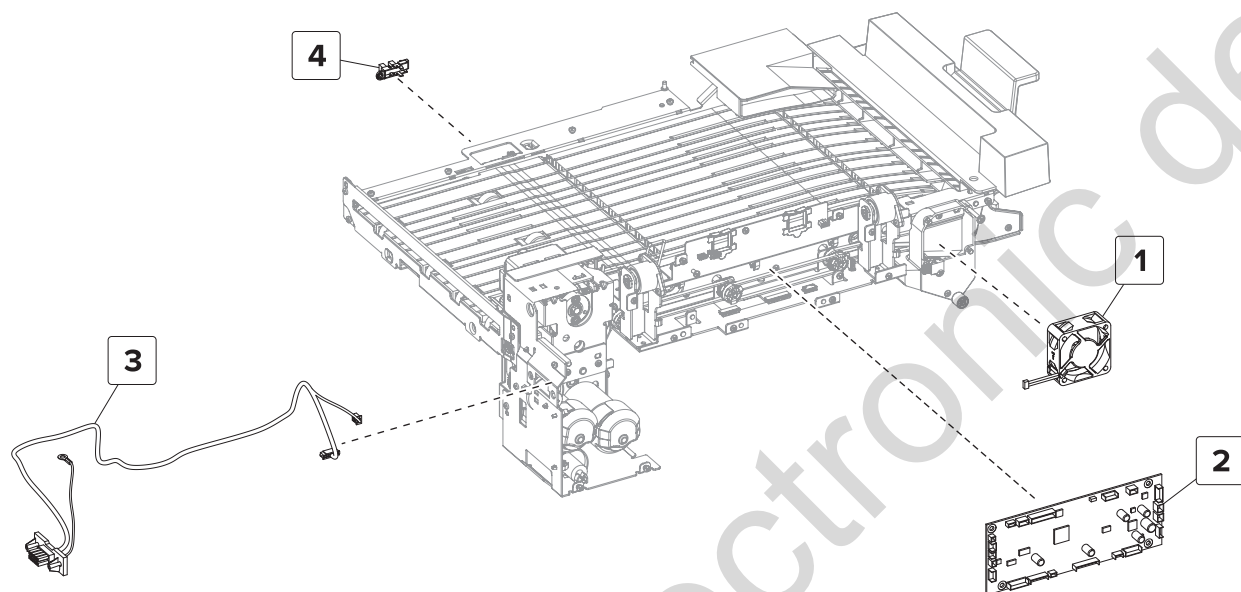
Assembly 53: HPT 2



Assembly 53: HPT 2

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0729	1	1	HPT top cover	“HPT top cover removal” on page 884
2	41X0674	1	1	HPT rear cover	“HPT rear cover removal” on page 869
3	41X0677	1	1	HPT hole punch unit cover	“Hole punch unit cover removal” on page 873
4	41X0731	1	1	HPT door hinge covers	--
5	41X0934	5	5	HPT transport idler roller	“HPT transport idler roller removal” on page 885
6	41X0673	1	1	HPT front cover	“HPT front cover removal” on page 866
7	41X0675	1	1	HPT front inner cover	“HPT front cover removal” on page 866
8	41X0676	1	1	HPT lock	“HPT lock removal” on page 888

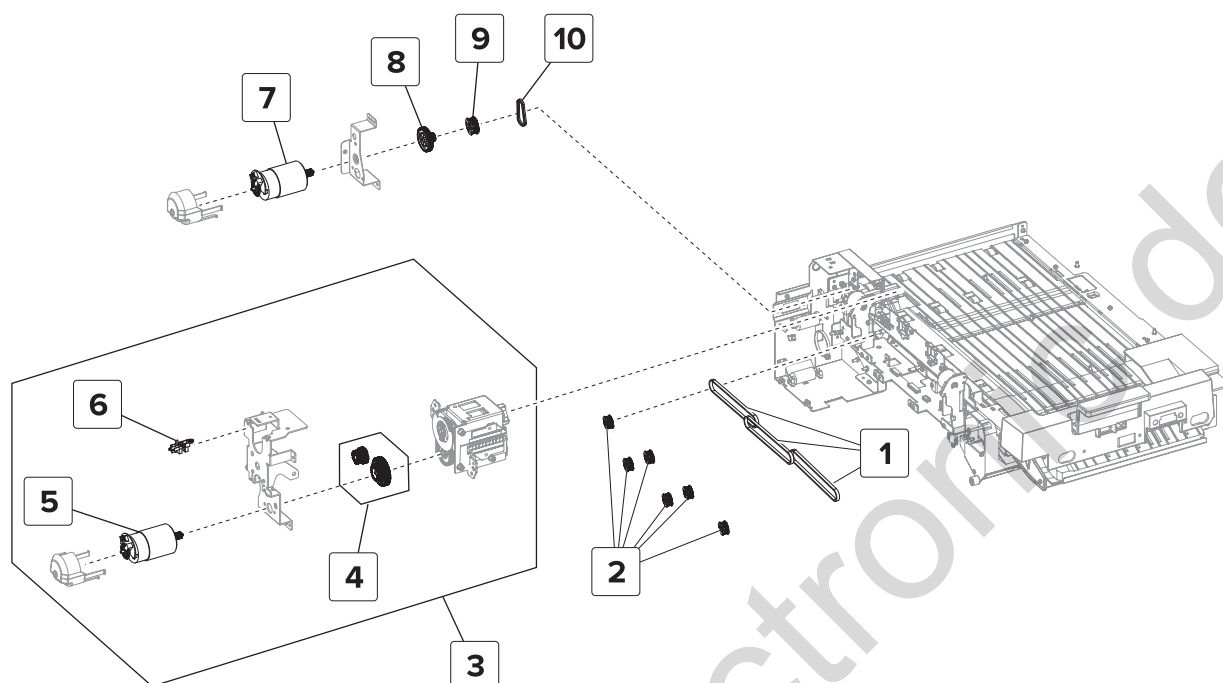
Assembly 54: HPT 3



Assembly 54: HPT 3

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	40X7580	1	1	HPT fan	“HPT fan removal” on page 870
2	41X0679	1	1	HPT controller board	“HPT controller board removal” on page 870
3	41X0681	1	1	HPT autoconnect cable	“HPT autoconnect cable removal” on page 891
4	41X0709	1	1	Sensor (HPT jam cover)	“Sensor (HPT jam cover) removal” on page 867

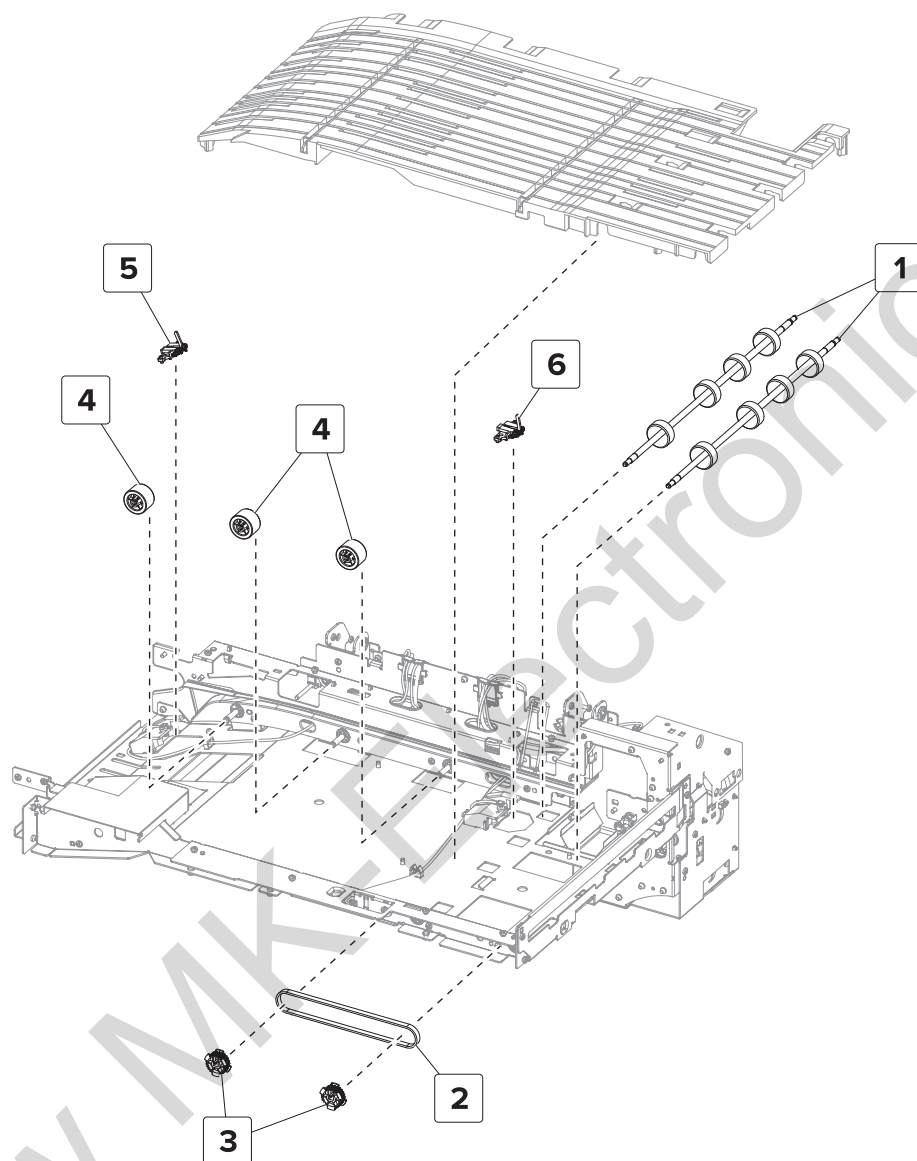
Assembly 55: HPT 4



Assembly 55: HPT 4

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0732	1	1	HPT transport belts	“HPT transport belts removal” on page 871
2	41X0652	6	1	HPT transport belt gears	“HPT front transport belt gear removal” on page 868
3	41X0694	1	1	HPT hole punch unit	“Hole punch unit removal” on page 874
4	41X0734	1	1	HPT hole punch unit gears	“Hole punch unit gears removal” on page 875
5	41X0803	1	1	Motor (HPT hole punch unit)	“Motor (hole punch unit) removal” on page 874
6	41X0709	1	1	Sensor (HPT hole punch unit)	“Sensor (hole punch unit) removal” on page 876
7	41X0803	1	1	Motor (HPT transport)	“Motor (HPT transport) removal” on page 879
8	41X0749	1	1	HPT transport drive gear	“HPT transport gears removal” on page 881
9	41X0628	1	1	HPT transport gear	“HPT transport gears removal” on page 881
10	41X0736	1	1	HPT transport drive belt	“HPT transport drive belt removal” on page 883

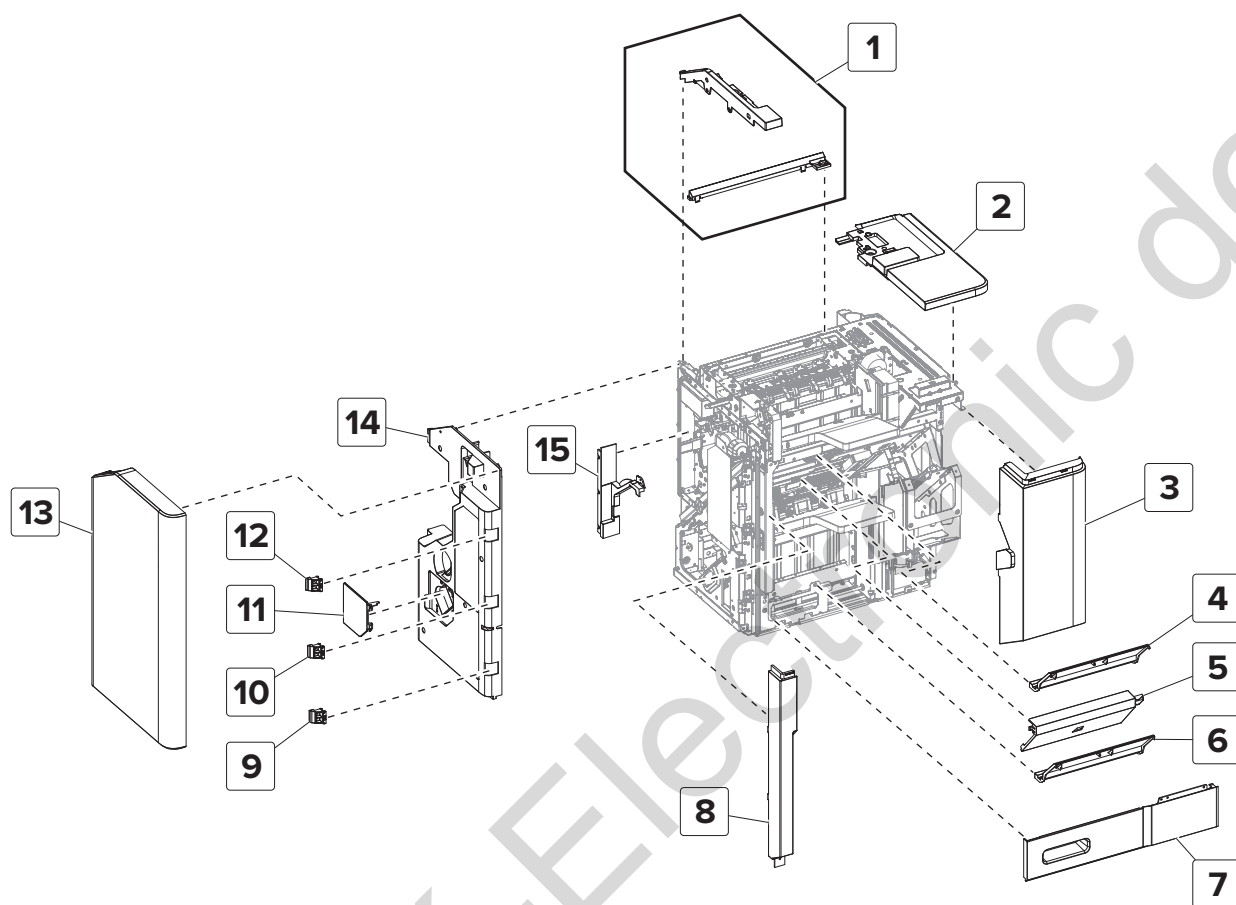
Assembly 56: HPT 5



Assembly 56: HPT 5

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0737	2	2	HPT transport rollers	“HPT transport rollers removal” on page 903
2	41X0738	1	1	HPT transport belts	“HPT front transport belt gear removal” on page 868
3	41X0652	2	1	HPT transport belt gears	“HPT front transport belt gear removal” on page 868
4	41X0739	3	3	HPT alignment rollers	“HPT alignment rollers removal” on page 899
5	41X0688	1	1	Sensor (HPT transport)	“Sensor (HPT transport) removal” on page 895
6	41X0688	1	1	Sensor (HPU entrance)	“Sensor (HPU entrance) removal” on page 897

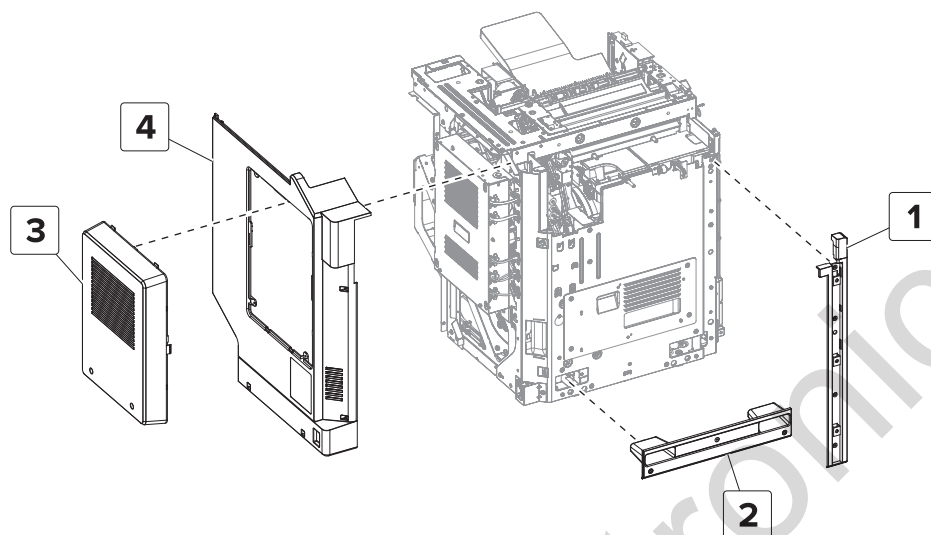
Assembly 57: MSHPF covers 1



Assembly 57: MSHPF covers 1

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0594	1	1	MSHPF top frame covers	“MSHPF top frame covers removal” on page 935
2	41X0593	1	1	MSHPF inner top cover	“MSHPF inner top cover removal” on page 934
3	41X0589	1	1	MSHPF right cover	“MSHPF right cover removal” on page 922
4	41X0595	1	1	MSHPF standard bin bottom cover	“Sensor (standard bin paper present) removal” on page 1014
5	41X0591	1	1	Stapler bin cave cover	“Stapler bin cave cover removal” on page 924
6	41X0595	1	1	MSHPF stapler bin bottom cover	“Stapler bin assembly removal” on page 1176
7	41X0588	1	1	MSHPF bottom right cover	“MSHPF bottom right cover removal” on page 923
8	41X0587	1	1	MSHPF right frame cover	“MSHPF right frame cover removal” on page 927
9	41X0682	1	1	MSHPF door hinge	“MSHPF door hinge removal” on page 915
10	41X0682	1	1	MSHPF door hinge	“MSHPF door hinge removal” on page 915
11	41X0583	1	1	MSHPF staple cartridge door	“MSHPF staple cartridge door removal” on page 919
12	41X0682	1	1	MSHPF door hinge	“MSHPF door hinge removal” on page 915
13	41X0581	1	1	MSHPF front door	“MSHPF front door removal” on page 912
14	41X0582	1	1	MSHPF inner front cover	“MSHPF inner front cover removal” on page 917
15	41X0584	1	1	MSHPF left front cover	“MSHPF left front cover removal” on page 921
NS	41X0725	1	1	MSHPF bin light board	“MSHPF bin light board removal” on page 926

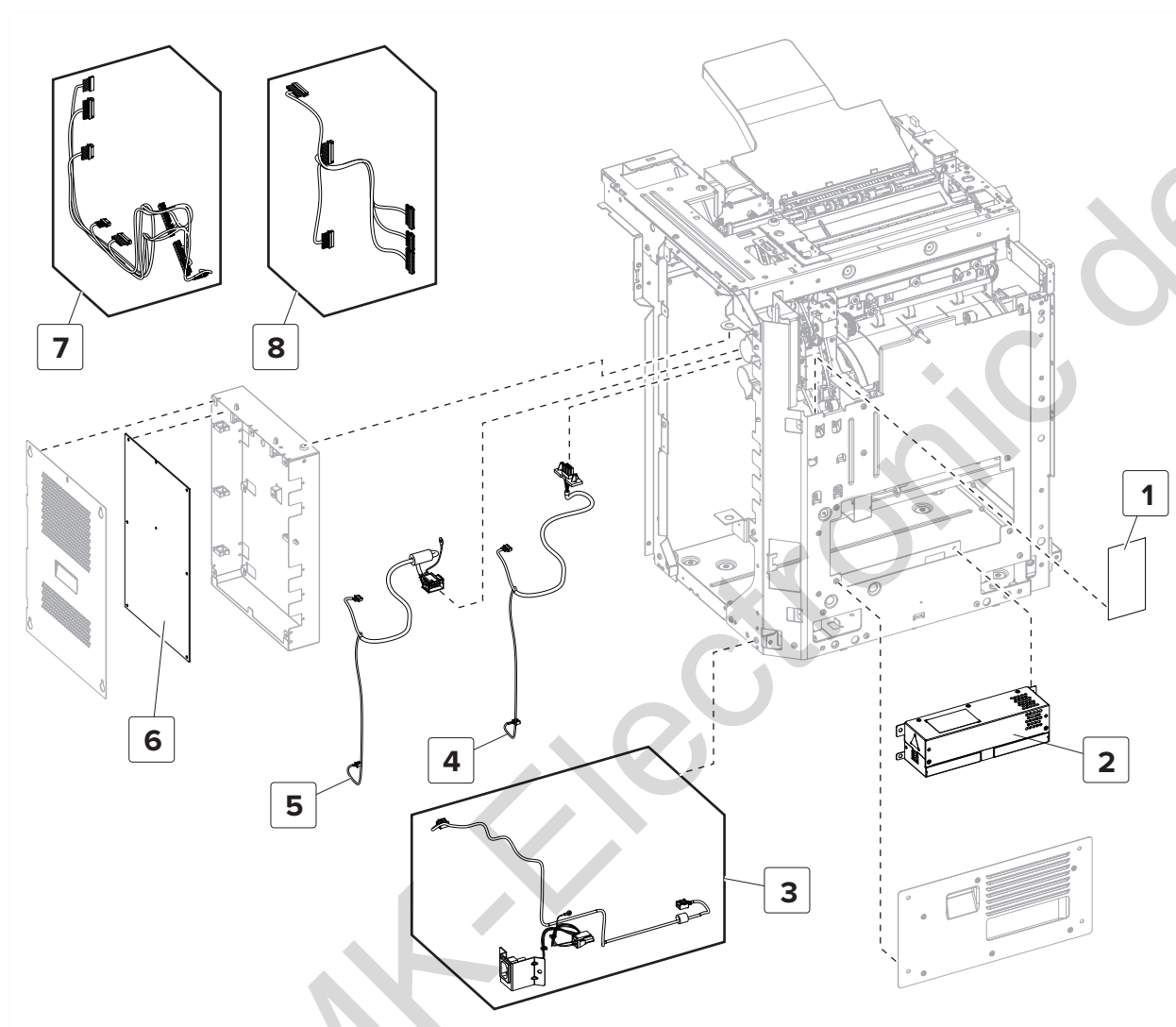
Assembly 58: MSHPF covers 2



Assembly 58: MSHPF covers 2

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0585	1	1	MSHPF front left cover	“MSHPF front left cover removal” on page 916
2	41X0586	1	1	MSHPF bottom left cover	“MSHPF bottom left cover removal” on page 911
3	41X0592	1	1	MSHPF controller board cover	“MSHPF controller board cover removal” on page 930
4	41X0590	1	1	MSHPF rear cover	“MSHPF rear cover removal” on page 931

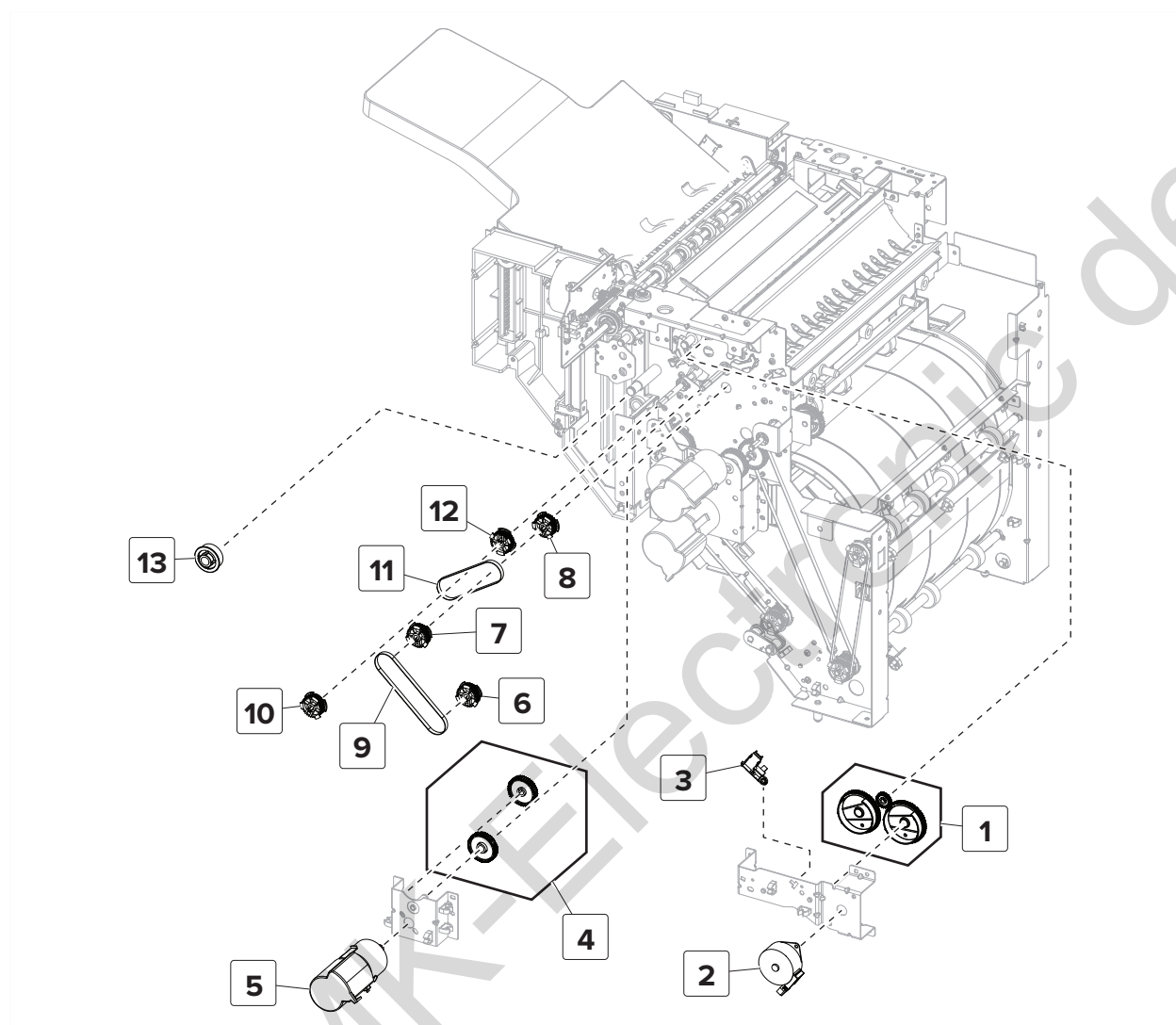
Assembly 59: MSHPF electronics



Assembly 59: MSHPF electronics

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0599	1	1	Mid-transport interface board	“Mid-transport interface board removal” on page 1005
2	41X0639	1	1	MSHPF power supply	“MSHPF power supply removal” on page 933
3	41X0638	1	1	MSHPF power supply cable	--
4	41X0805	1	1	Mid-transport (mailbox) interface cable	“Mid-transport (mailbox) interface cable removal” on page 1008
5	41X0806	1	1	Mid-transport (HPT) interface cable	“Mid-transport (HPT) interface cable removal” on page 1006
6	41X0598	1	1	MSHPF controller board	“MSHPF controller board removal” on page 937
7	41X0637	1	1	Mid-transport interface board cable	--
8	41X0636	1	1	Compiler interface board cable	--

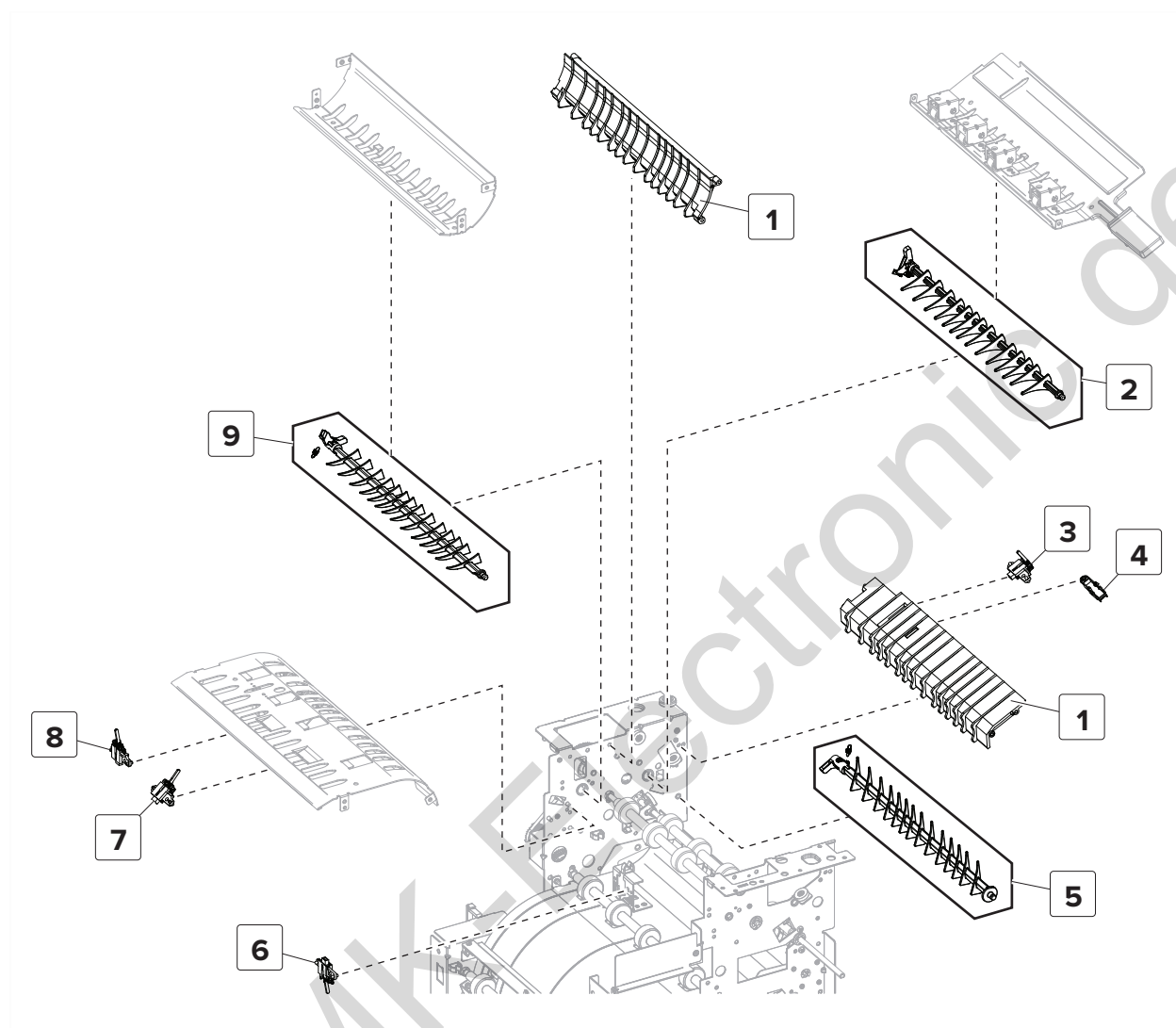
Assembly 60: MSHPF mid-transport drive



Assembly 60: MSHPF mid-transport drive

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0633	1	1	Mid-transport diverter cam	“Mid-transport diverter cams and gear removal” on page 1035
2	40X8256	1	1	Motor (mid-transport diverter)	“Motor (mid-transport diverter) removal” on page 1032
3	41X0798	1	1	Sensor (mid-transport diverter 1)	“Sensor (mid-transport diverter 1) removal” on page 1033
4	41X0629	1	1	Mid-transport gear	“Mid-transport gear removal” on page 1003
5	41X0612	1	1	Motor (mid-transport)	“Motor (mid-transport) removal” on page 1001
6	41X0628	1	1	Mid-transport pulley gear	“Mid-transport pulley gears removal” on page 998
7	41X0628	1	1	Mid-transport pulley gear	“Mid-transport pulley gears removal” on page 998
8	41X0628	1	1	Mid-transport pulley gear	“Mid-transport pulley gears removal” on page 998
9	41X0630	1	1	Hole punch box belt	“Hole punch box belt removal” on page 966
10	41X0628	1	1	Mid-transport pulley gear	“Mid-transport pulley gears removal” on page 998
11	41X0632	1	1	MSHPF standard bin exit belt	“MSHPF standard bin exit belt removal” on page 996
12	41X0628	1	1	Mid-transport pulley gear	“Mid-transport pulley gears removal” on page 998
13	41X0814	1	1	Offset belt tensioner	“Offset belt tensioner removal” on page 994

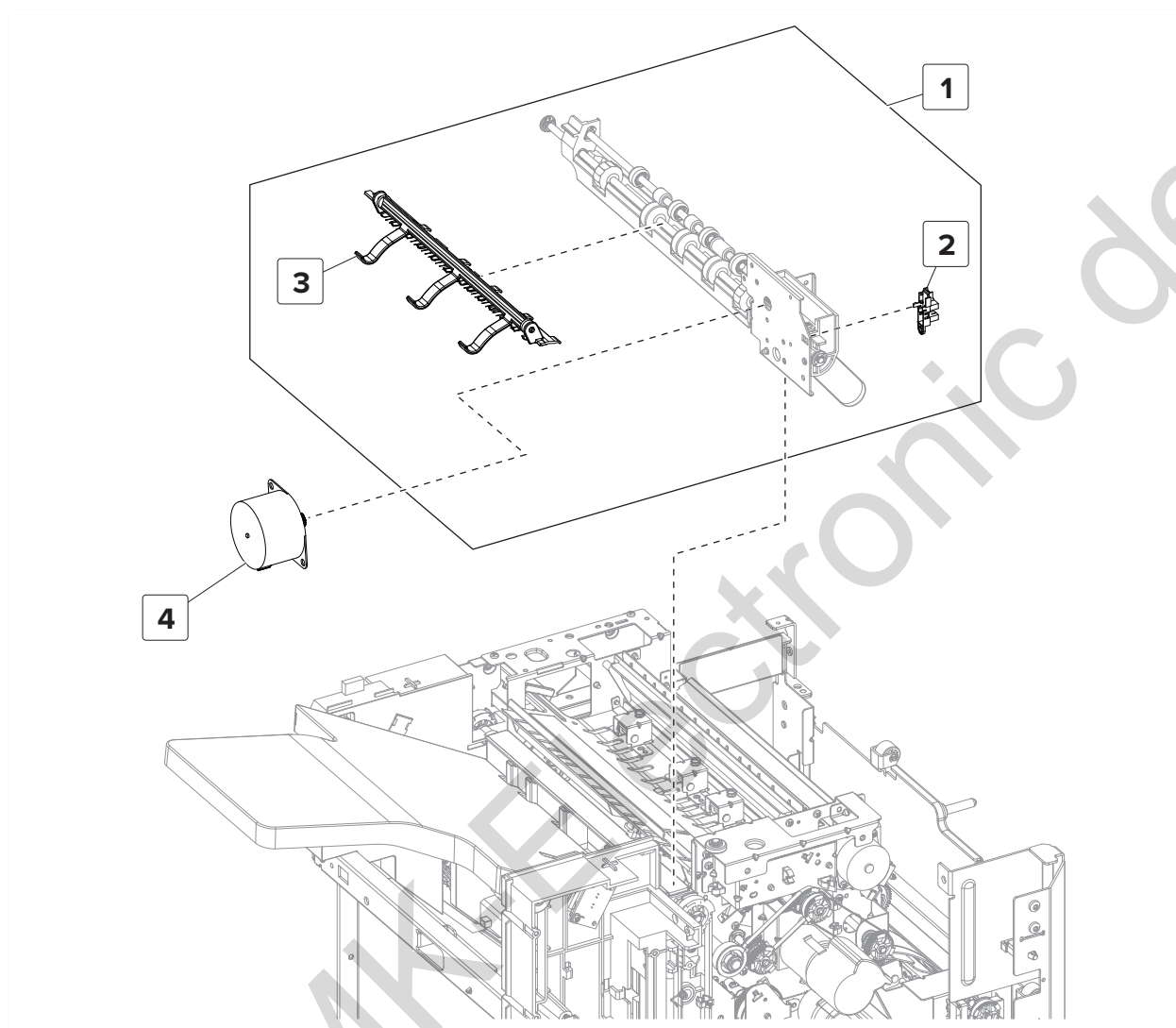
Assembly 61: MSHPF mid-transport paper path



Assembly 61: MSHPF mid-transport paper path

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0635	1	1	Mid-transport guide	“Mid-transport guide removal” on page 1055
1	41X0635	1	1	Mid-transport guide	“Sensor (MSHPF standard bin exit) removal” on page 1061
2	41X0621	1	1	Mid-transport diverter 2	“Mid-transport diverter 2 removal” on page 1058
3	41X0688	1	1	Sensor (MSHPF standard bin exit)	“Sensor (MSHPF standard bin exit) removal” on page 1061
4	41X0709	1	1	Sensor (door N interlock)	“Sensor (door N interlock) removal” on page 1064
5	41X0622	1	1	Staging diverter	“Staging diverter removal” on page 1099
6	41X0385	1	1	Sensor (staging outer transport 1)	“Sensor (staging outer transport 1) removal” on page 1073
7	41X0385	1	1	Sensor (staging entrance)	“Sensor (staging entrance) removal” on page 1078
8	41X0385	1	1	Sensor (mid-transport)	“Sensor (mid-transport) removal” on page 1068
9	41X0620	1	1	Mid-transport diverter 1	“Mid-transport diverter 1 removal” on page 1052

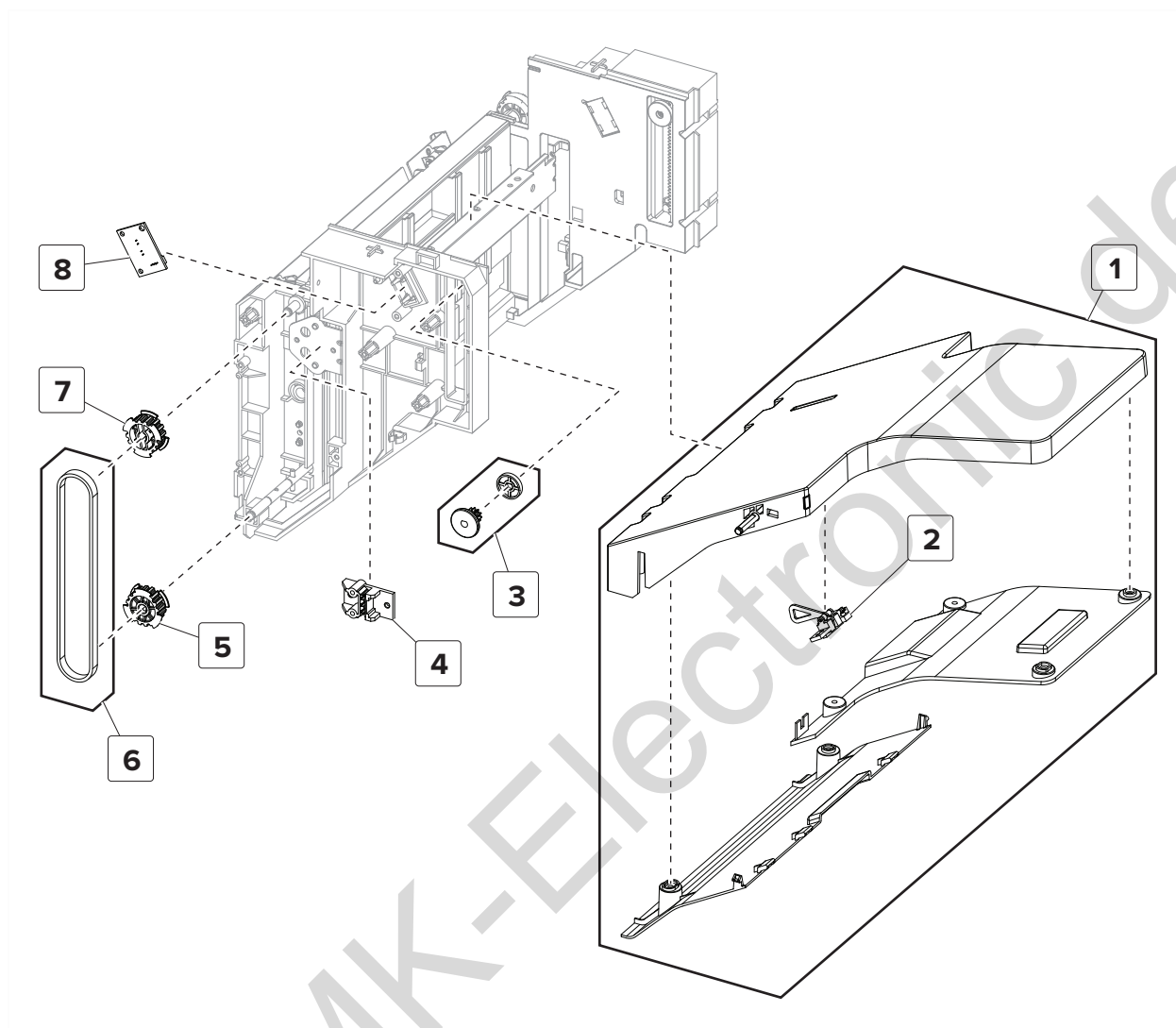
Assembly 62: MSHPF offset drive



Assembly 62: MSHPF offset drive

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0617	1	1	Offset assembly	“Offset assembly removal” on page 1024
2	41X0709	1	1	Sensor (offset roller)	“Sensor (offset roller) removal” on page 1019
3	41X0932	1	1	MSHPF standard bin bail	--
4	41X0797	1	1	Motor (offset)	“Offset assembly removal” on page 1024

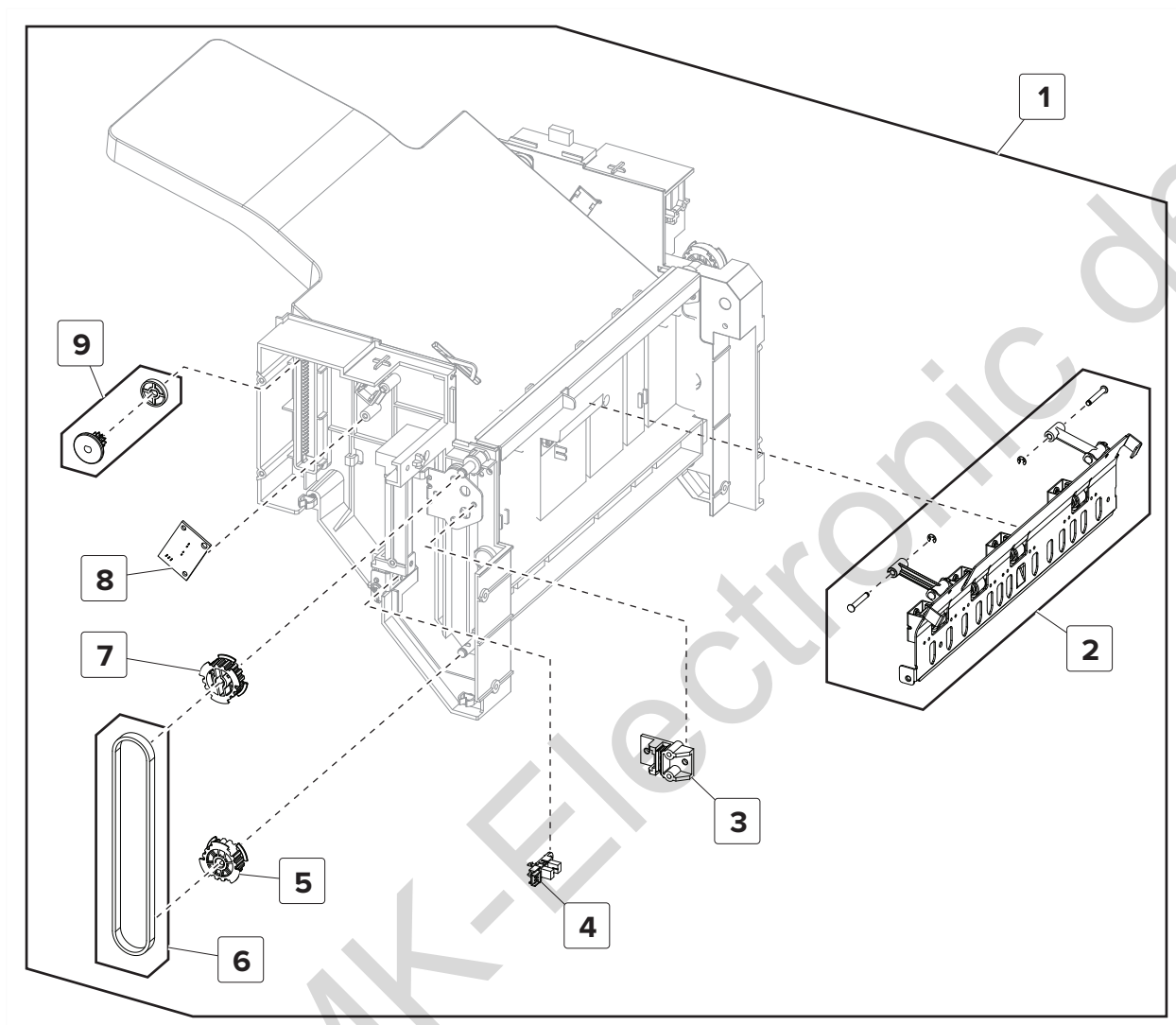
Assembly 63: MSHPF standard bin 1



Assembly 63: MSHPF standard bin 1

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0618	1	1	MSHPF standard bin	--
2	41X0724	1	1	Sensor (standard bin paper present)	“Sensor (standard bin paper present) removal” on page 1014
3	41X0644	1	1	Standard bin elevator gear	--
4	41X0614	1	1	Standard bin elevator belt holder	--
5	41X0642	1	1	Standard bin elevator pulley gear	--
6	41X0810	1	1	Standard bin elevator belt	--
7	41X0642	1	1	Standard bin elevator pulley gear	--
8	41X0802	1	1	Sensor (standard bin stack upper limit), transmitter	“Sensor (standard bin stack upper limit) removal” on page 1011

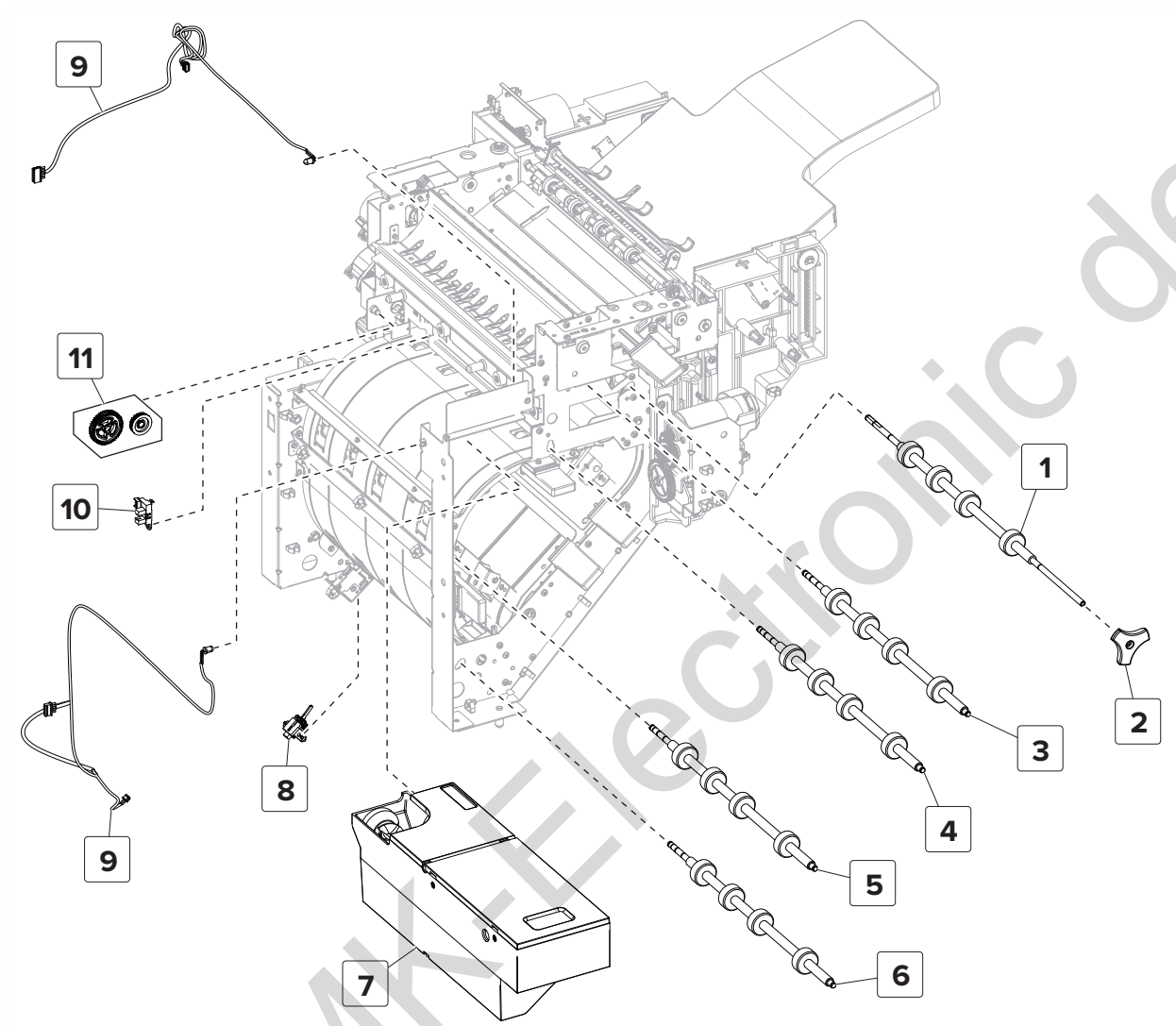
Assembly 64: MSHPF standard bin 2



Assembly 64: MSHPF standard bin 2

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0704	1	1	MSHPF standard bin assembly	“MSHPF standard bin assembly removal” on page 1091
2	41X0809	1	1	Staging paper guide	“Staging paper guide removal” on page 1094
3	41X0614	1	1	Standard bin elevator belt holder	--
4	41X0709	1	1	Sensor (standard bin lower limit)	--
5	41X0642	1	1	Standard bin elevator pulley gear	--
6	41X0810	1	1	Standard bin elevator belt	--
7	41X0642	1	1	Standard bin elevator pulley gear	--
8	41X0802	1	1	Sensor (standard bin stack upper limit), receiver	“Sensor (standard bin stack upper limit) removal” on page 1011
9	41X0644	1	1	Standard bin gear	--

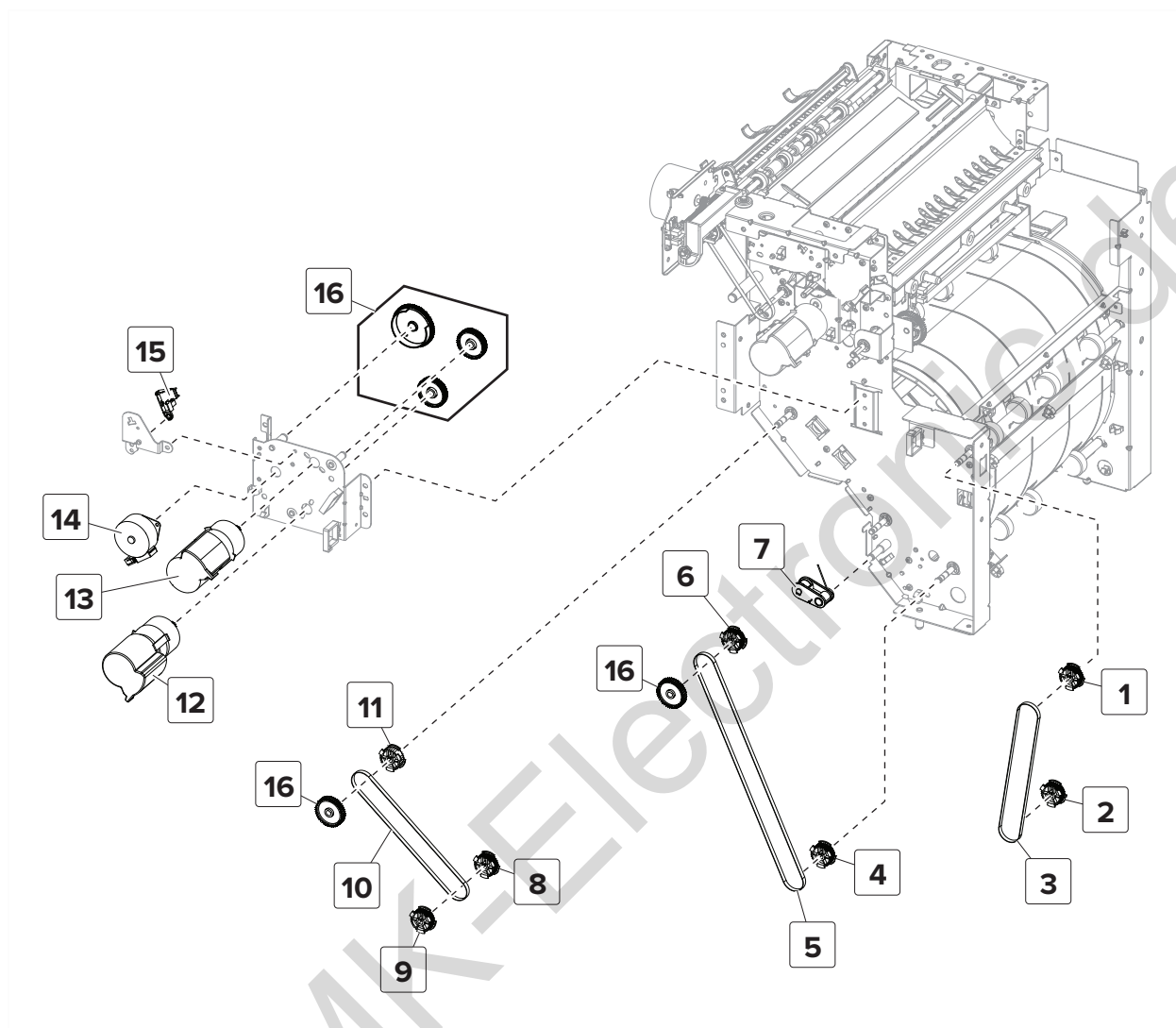
Assembly 65: MSHPF transport roller and hole punch box



Assembly 65: MSHPF transport roller and hole punch box

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0706	1	1	Roller J2	--
2	41X0821	1	1	Knob J2	“Knobs J2 and J7 removal” on page 914
3	41X0980	1	1	Mid-transport roller	--
4	41X0807	1	1	Staging outer transport roller 1	--
5	41X0807	1	1	Staging outer transport roller 2	--
6	41X0807	1	1	Staging outer transport roller 3	--
7	41X0624	1	1	Hole punch box	--
8	41X0385	1	1	Sensor (staging outer transport 2)	“Sensor (hole punch box full, receiver) removal” on page 1038
9	41X0601	1	1	Sensor (hole punch box full), receiver	“Sensor (hole punch box full, receiver) removal” on page 1038
9	41X0601	1	1	Sensor (hole punch box full), transmitter	“Sensor (hole punch box full, transmitter) removal” on page 1043
10	41X0798	1	1	Sensor (hole punch box present)	“Sensor (hole punch box present) removal” on page 978
11	41X0623	1	1	Hole punch box gears	“Sensor (mid-transport) removal” on page 1068

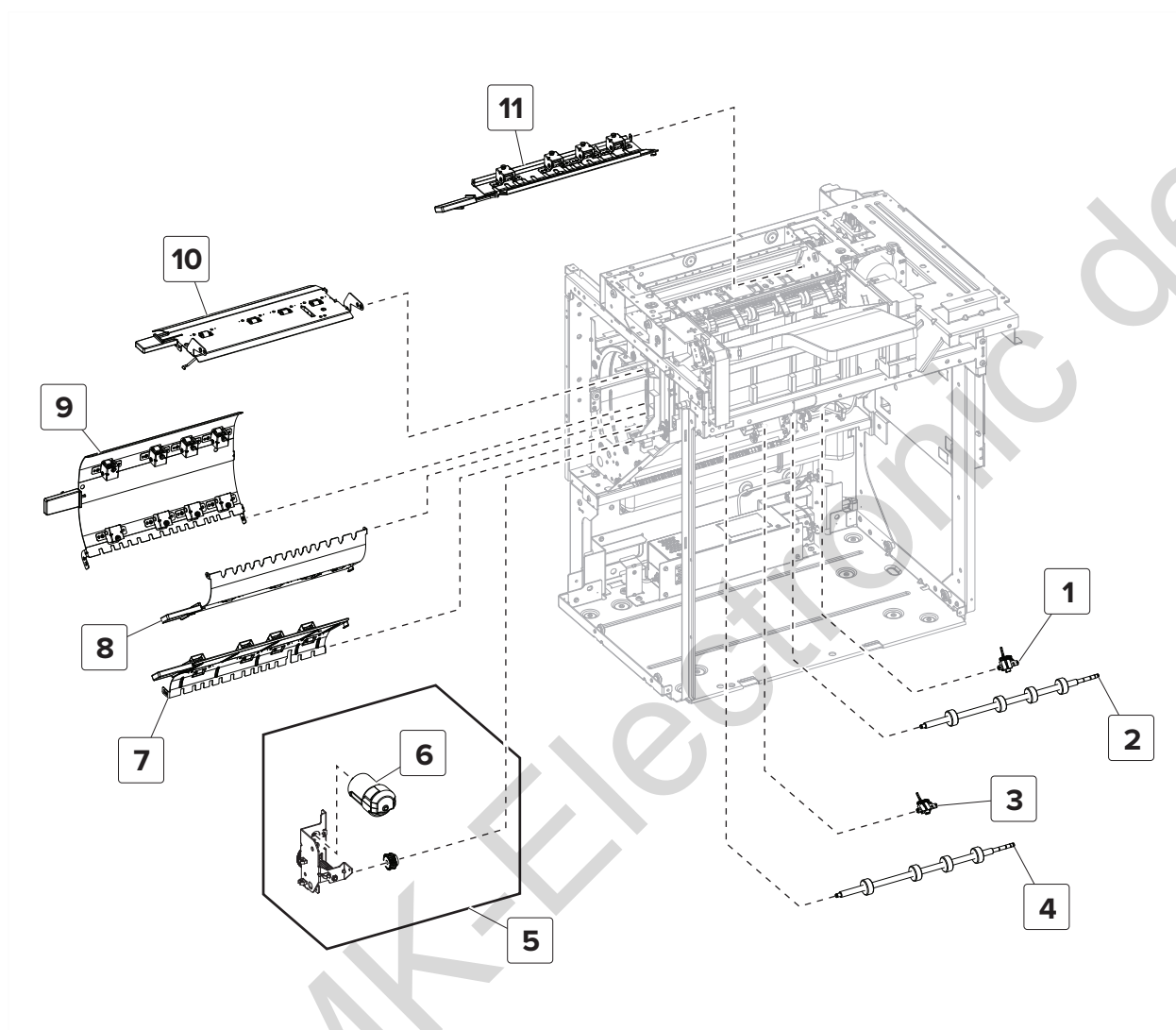
Assembly 66: MSHPF staging drive



Assembly 66: MSHPF staging drive

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0628	1	1	Staging outer transport pulley gear	“Staging outer transport pulley gear removal” on page 971
2	41X0628	1	1	Staging outer transport pulley gear	“Staging outer transport pulley gear removal” on page 971
3	41X0811	1	1	Staging outer transport belt	“Staging outer transport belt removal” on page 969
4	41X0628	1	1	Staging outer transport pulley gear	--
5	41X0626	1	1	Staging outer transport drive belt	“Staging transport belts removal” on page 990
6	41X0628	1	1	Staging outer transport pulley gear	--
7	41X0813	1	1	Compiler entrance belt tensioner	“Compiler entrance belt tensioner removal” on page 964
8	41X0628	1	1	Staging inner transport pulley gear	--
9	41X0628	1	1	Staging compiler entrance pulley gear	--
10	41X0811	1	1	Staging inner transport belt	“Staging transport belts removal” on page 990
11	41X0628	1	1	Staging inner transport pulley gear	--
12	41X0612	1	1	Motor (staging inner transport)	“Motor (staging inner transport) removal” on page 982
13	41X0612	1	1	Motor (staging outer transport)	“Motor (staging outer transport) removal” on page 978
14	40X8256	1	1	Motor (staging diverter)	“Motor (staging diverter) removal” on page 973
15	41X0798	1	1	Sensor (staging diverter)	“Sensor (staging diverter) removal” on page 975
16	41X0812	1	1	Staging transport gear parts pack	“Staging transport gears removal” on page 986

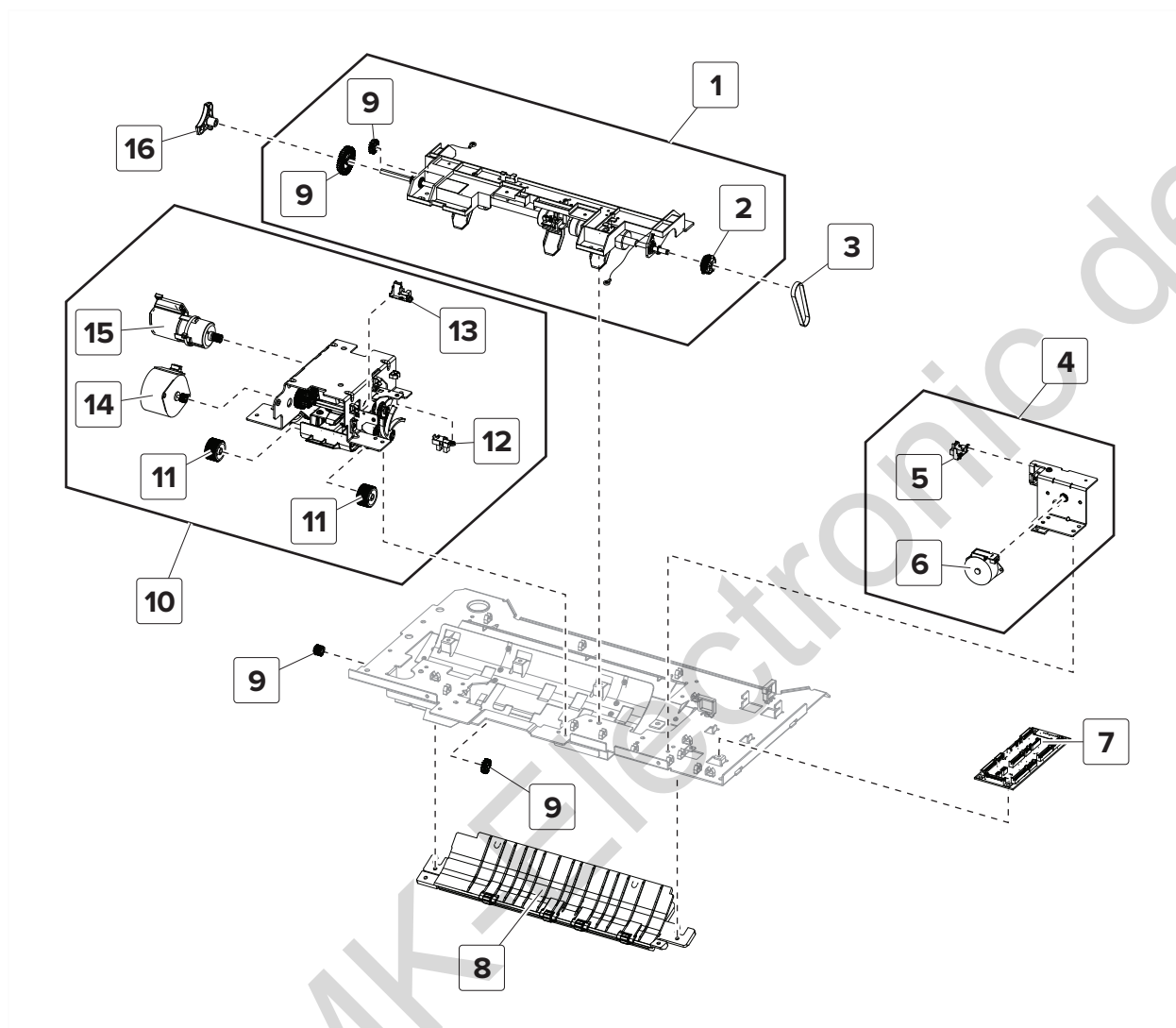
Assembly 67: MSHPF staging paper path



Assembly 67: MSHPF staging paper path

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0385	1	1	Sensor (staging inner transport 1)	“Sensor (staging inner transport 1) removal” on page 1182
2	41X0807	1	1	Staging upper inner transport roller	“Staging inner transport roller removal” on page 1096
3	41X0385	1	1	Sensor (staging inner transport 2)	“Sensor (staging inner transport 2) removal” on page 1183
4	41X0807	1	1	Staging lower inner transport roller	“Staging inner transport roller removal” on page 1096
5	41X0611	1	1	Standard bin elevator drive	“Standard bin elevator drive removal” on page 1012
6	41X0803	1	1	Motor (standard bin elevator)	“Motor (standard bin elevator) removal” on page 1013
7	41X0607	1	1	Door J6	--
8	41X0606	1	1	Door J5	--
9	41X0605	1	1	Door J4	--
10	41X0604	1	1	Door J3	--
11	41X0603	1	1	Door J1	“Door J1 removal” on page 1056
NS	41X0816	1	1	Staging exit guide	“Staging exit guide removal” on page 1106

Assembly 68: MSHPF compiler 1



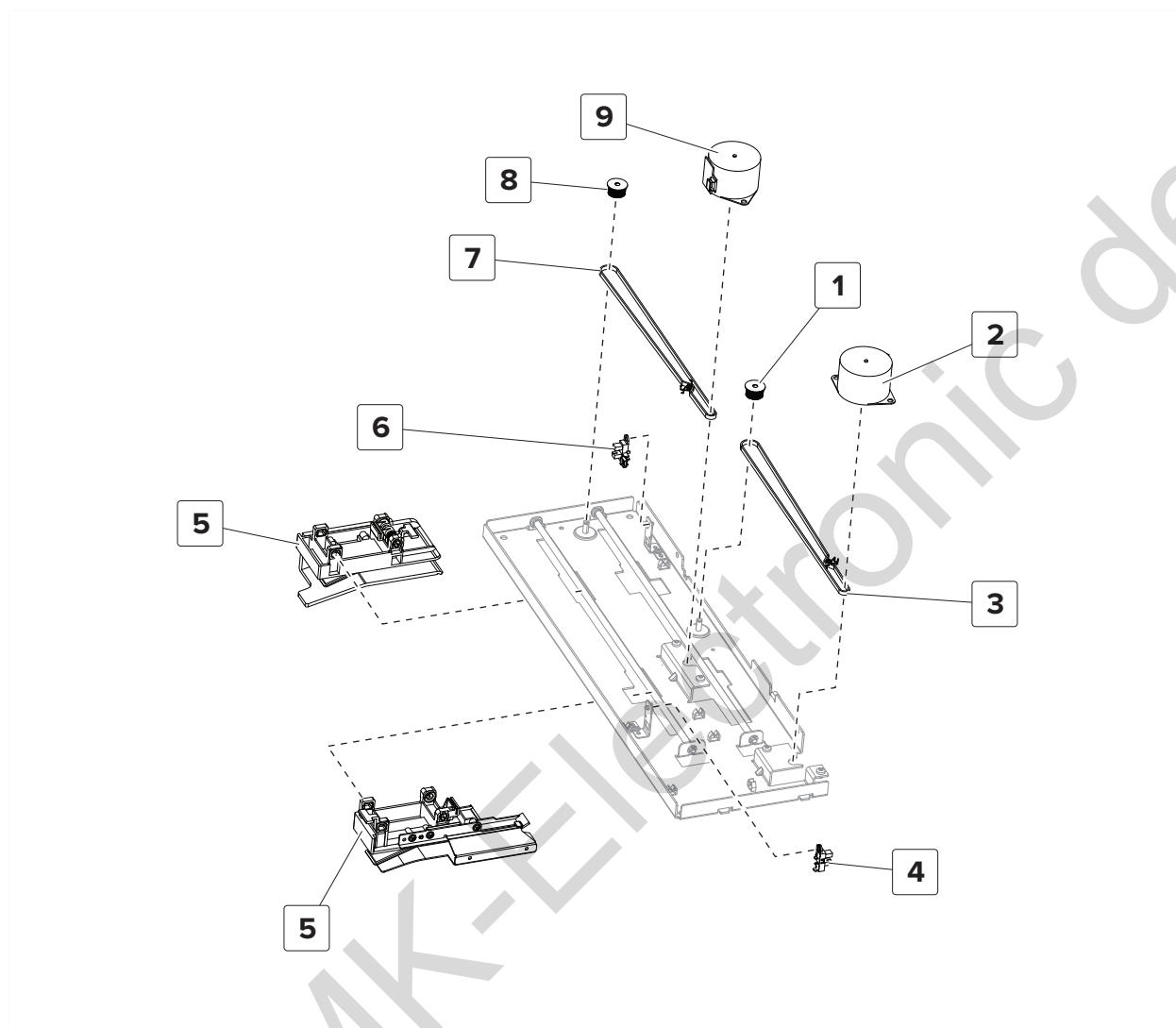
Assembly 68: MSHPF compiler 1

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0666	1	1	Compiler entrance upper roller	“Compiler entrance upper roller removal” on page 1147
2	41X0628	1	1	Compiler entrance pulley gear	--
3	41X0669	1	1	Compiler entrance belt	“Multiposition stapler assembly removal” on page 1114
4	41X0671	1	1	Compiler stack height clamp	--
5	41X0798	1	1	Sensor (compiler stack height)	“Sensor (compiler stack height) removal” on page 1134
6	40X8256	1	1	Motor (compiler stack height)	“Motor (compiler stack height) removal” on page 1132
7	41X0600	1	1	Compiler interface board	“Compiler interface board removal” on page 1132
8	41X0667	1	1	Compiler entrance guide	“Compiler entrance guide removal” on page 1145
9	41X0670	1	1	Compiler gear parts pack	“Compiler gears removal” on page 1149
10	41X0649	1	1	Compiler paddle and exit drive	“Compiler paddle and exit drive removal” on page 1140
11	41X0650	2	1	Compiler exit roller	“Compiler exit roller removal” on page 1142
12	41X0798	1	1	Sensor (compiler paddle)	“Sensor (compiler paddle) removal” on page 1137
13	41X0798	1	1	Sensor (compiler exit cam)	“Sensor (compiler exit cam) removal” on page 1136
14	41X0797	1	1	Motor (compiler exit cam)	“Motor (compiler exit cam) removal” on page 1139
15	41X0690	1	1	Motor (compiler paddle)	“Motor (compiler paddle) removal” on page 1143
16	41X0821	1	1	Knob J7	“Knobs J2 and J7 removal” on page 914

Assembly 69: MSHPF compiler 2

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0648	1	1	MSHPF compiler tray	“MSHPF compiler tray removal” on page 1153
2	41X0794	1	1	MSHPF compiler tray gear	--
3	41X0709	1	1	Sensor (MSHPF bin clamp)	--
4	40X8213	1	1	Motor (MSHPF bin clamp)	--
5	40X7779	1	1	Sensor (MSHPF compiler paper present)	“Sensor (compiler paper present) removal” on page 1156
6	41X0795	1	1	MSHPF compiler tray cable	--

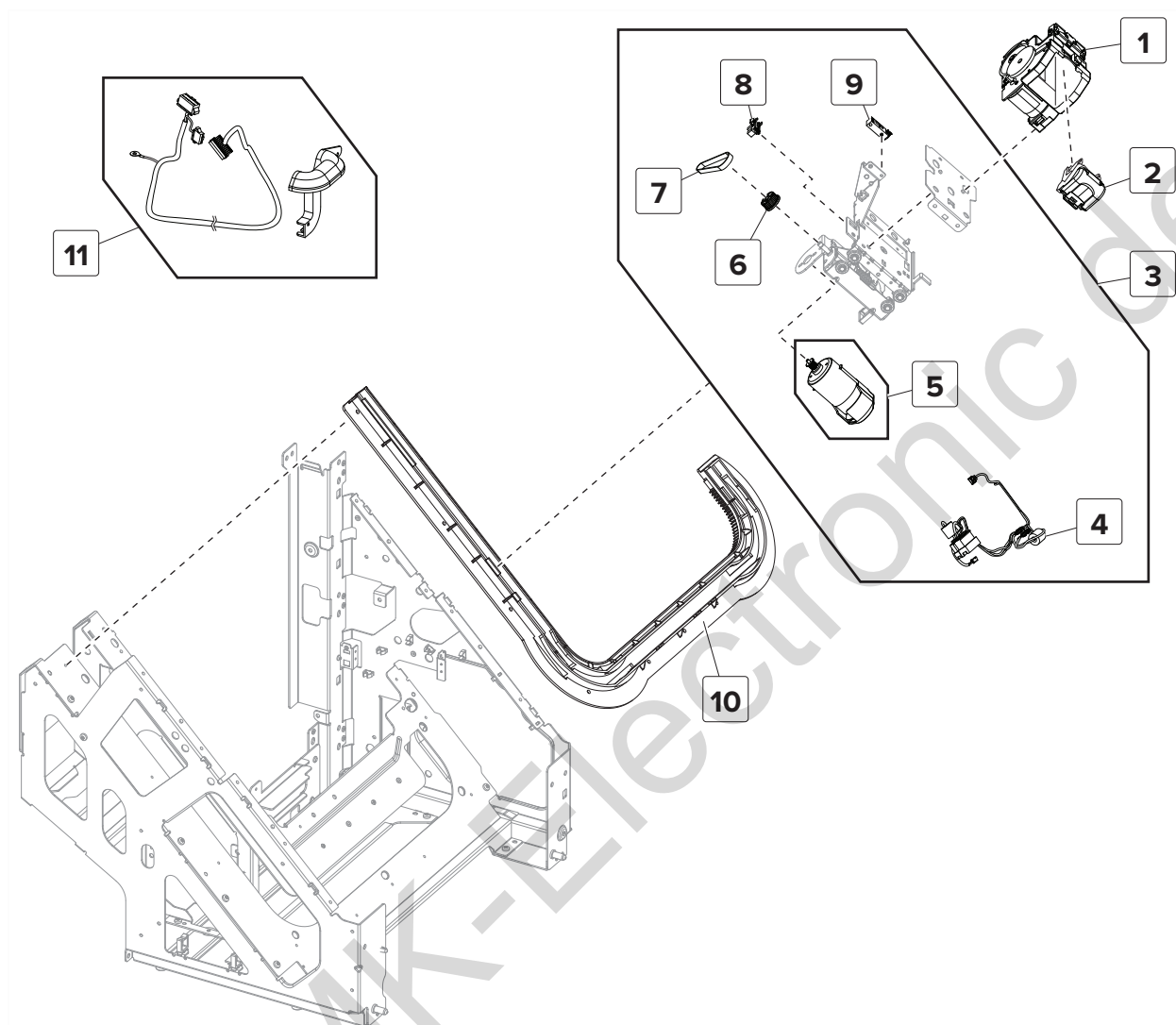
Assembly 70: MSHPF tamper



Assembly 70: MSHPF tamper

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0664	1	1	MSHPF tamper pulley gear	“MSHPF tamper pulley gear removal” on page 1126
2	41X0692	1	1	Motor (MSHPF rear tamper)	“Motor (MSHPF rear tamper) removal” on page 1124
3	41X0661	1	1	MSHPF tamper belt	“MSHPF tamper belt removal” on page 1125
4	41X0798	1	1	Sensor (MSHPF rear tamper)	“Sensor (MSHPF tamper) removal” on page 1127
5	41X0663	1	1	MSHPF tamper	“MSHPF tampers removal” on page 1128
6	41X0798	1	1	Sensor (MSHPF front tamper)	“Sensor (MSHPF tamper) removal” on page 1127
7	41X0661	1	1	MSHPF tamper belt	“MSHPF tamper belt removal” on page 1125
8	41X0664	1	1	MSHPF tamper pulley gear	“MSHPF tamper pulley gear removal” on page 1126
9	41X0692	1	1	Motor (MSHPF front tamper)	“Motor (MSHPF front tamper) removal” on page 1123

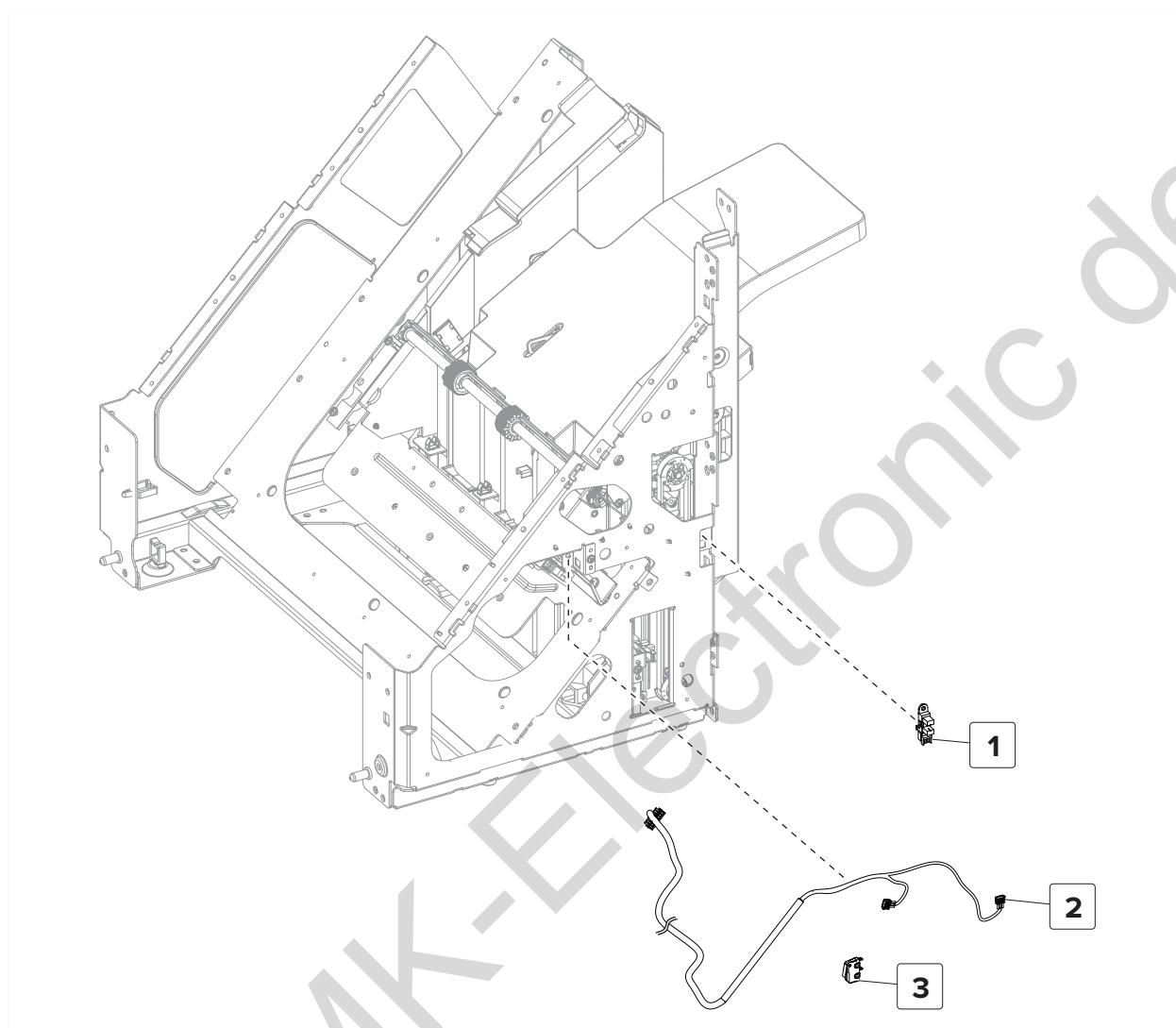
Assembly 71: MSHPF carriage transport



Assembly 71: MSHPF carriage transport

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0654	1	1	MSHPF staple unit	“MSHPF staple unit removal” on page 955
2	41X0656	1	1	MSHPF staple cartridge holder	--
3	41X0693	1	1	MSHPF staple unit carriage	“MSHPF staple unit carriage removal” on page 944
4	41X0659	1	1	Staple unit extension cable	“Staple unit extension cable removal” on page 958
5	41X0691	1	1	Motor (staple unit carriage)	“Motor (staple unit carriage) removal” on page 1167
6	41X0796	1	1	Staple unit carriage gear	--
7	41X0658	1	1	Staple carriage belt	“Staple unit carriage belt removal” on page 1167
8	41X0709	1	1	Sensor (staple unit position)	“Sensor (MSHPF staple unit position) removal” on page 947
9	40X7779	1	1	Sensor (MSHPF staple unit paper present)	“Sensor (MSHPF staple unit paper present) removal” on page 951
10	41X0655	1	1	Carriage rail	--
11	41X0646	1	1	Staple unit cable	“Staple unit cable removal” on page 1169

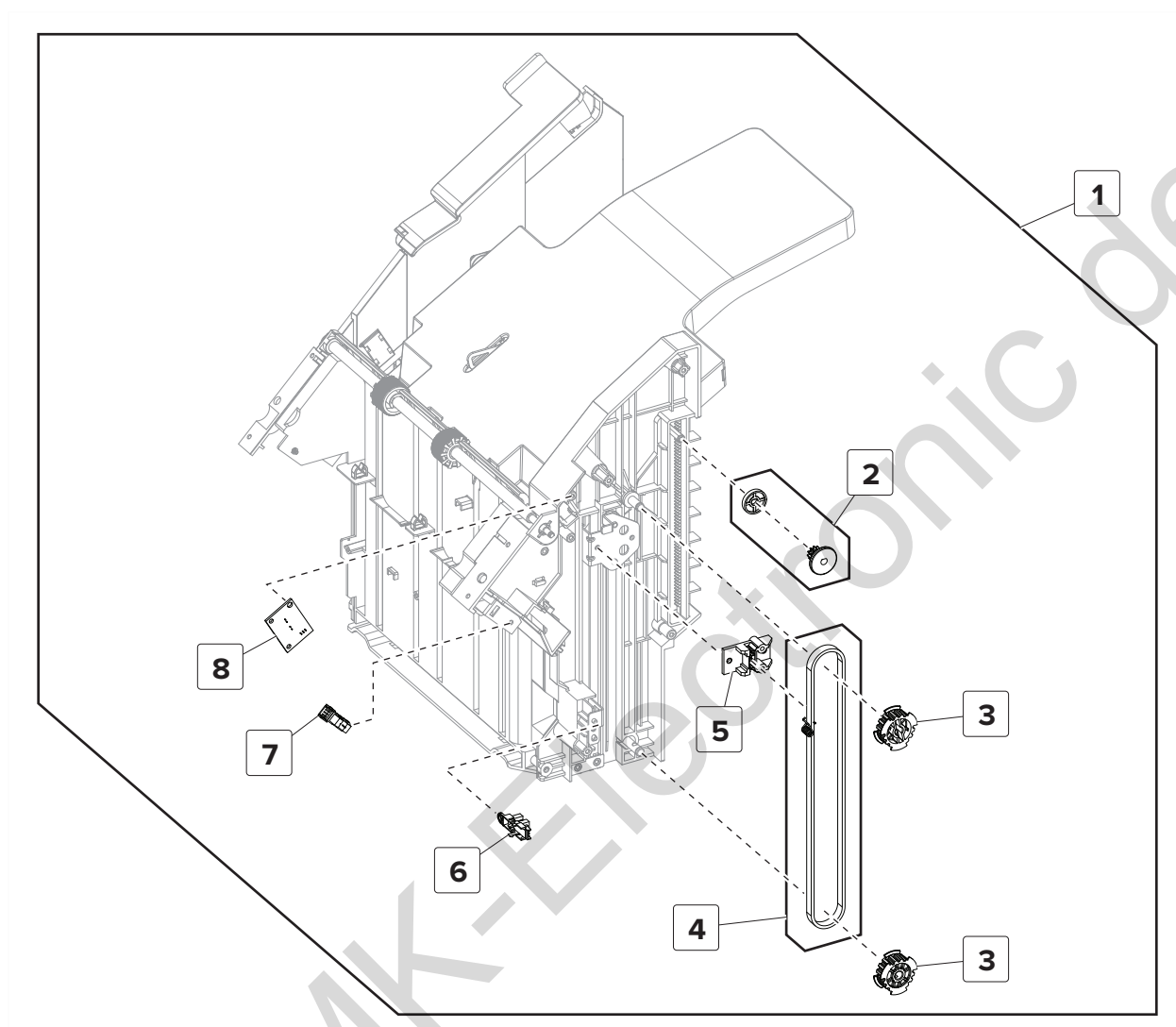
Assembly 72: MSHPF door interlock



Assembly 72: MSHPF door interlock

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0709	1	1	Sensor (MSHPF door interlock)	“Sensor (MSHPF door interlock) removal” on page 961
2	41X0672	1	1	Door interlock cable	--
3	41X0660	1	1	Switch (MSHPF cartridge door interlock)	“Switch (MSHPF cartridge door interlock) removal” on page 940

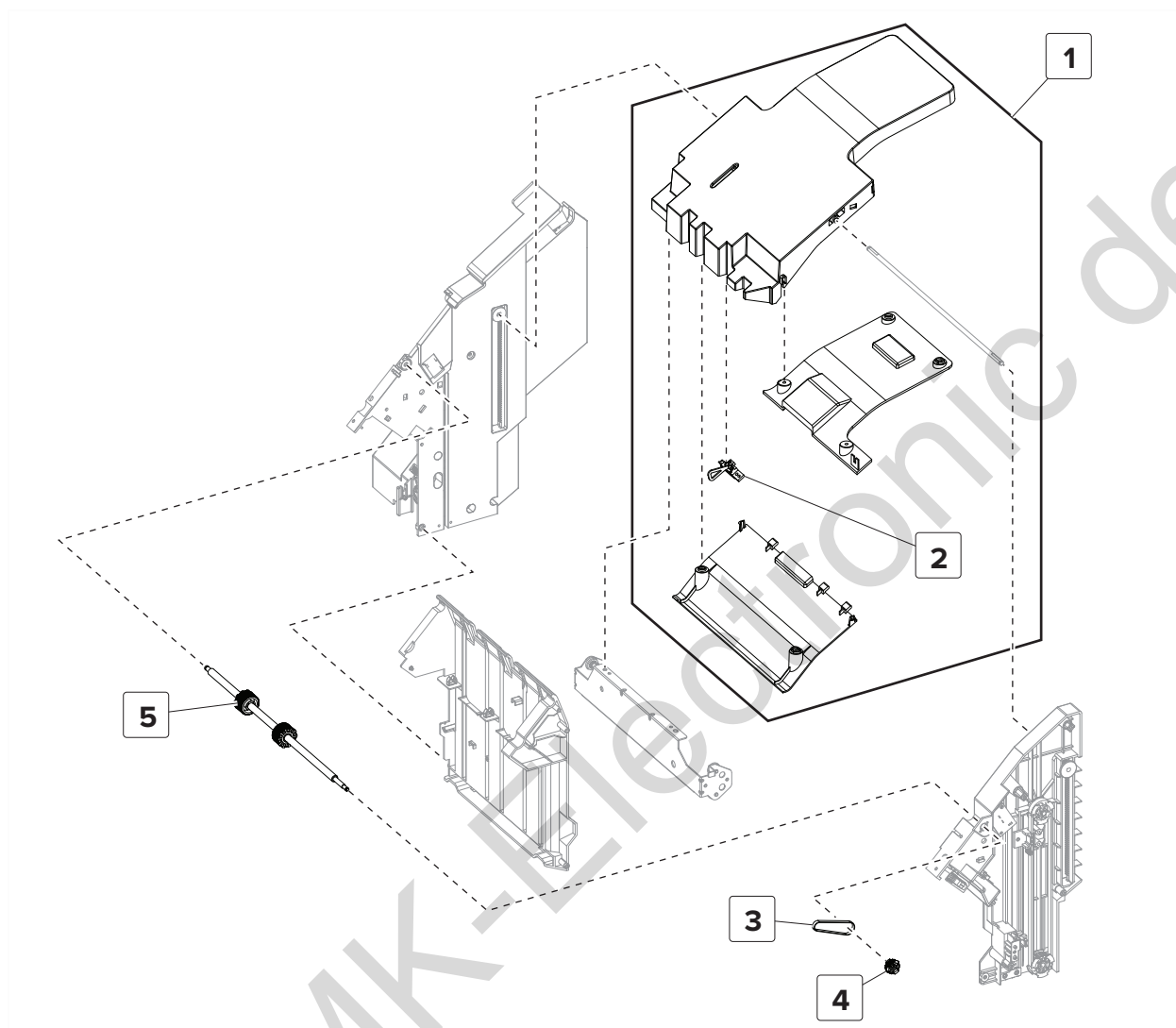
Assembly 73: MSHPF stapler bin 1



Assembly 73: MSHPF stapler bin 1

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0705	1	1	MSHPF stapler bin assembly	“Stapler bin assembly removal” on page 1176
2	41X0644	1	1	Stapler bin gear	--
3	41X0642	2	1	Stapler bin elevator pulley gear	--
4	41X0641	1	1	Stapler bin elevator belt	--
5	41X0614	1	1	Stapler bin elevator belt holder	--
6	41X0709	1	1	Sensor (stapler bin lower limit)	“Sensor (stapler bin lower limit) removal” on page 942
7	41X0709	1	1	Sensor (cartridge loading position)	“Sensor (cartridge loading position) removal” on page 942
8	41X0802	1	1	Sensor (stapler bin stack upper limit), transmitter	“Sensor (stapler bin stack upper limit) removal” on page 962

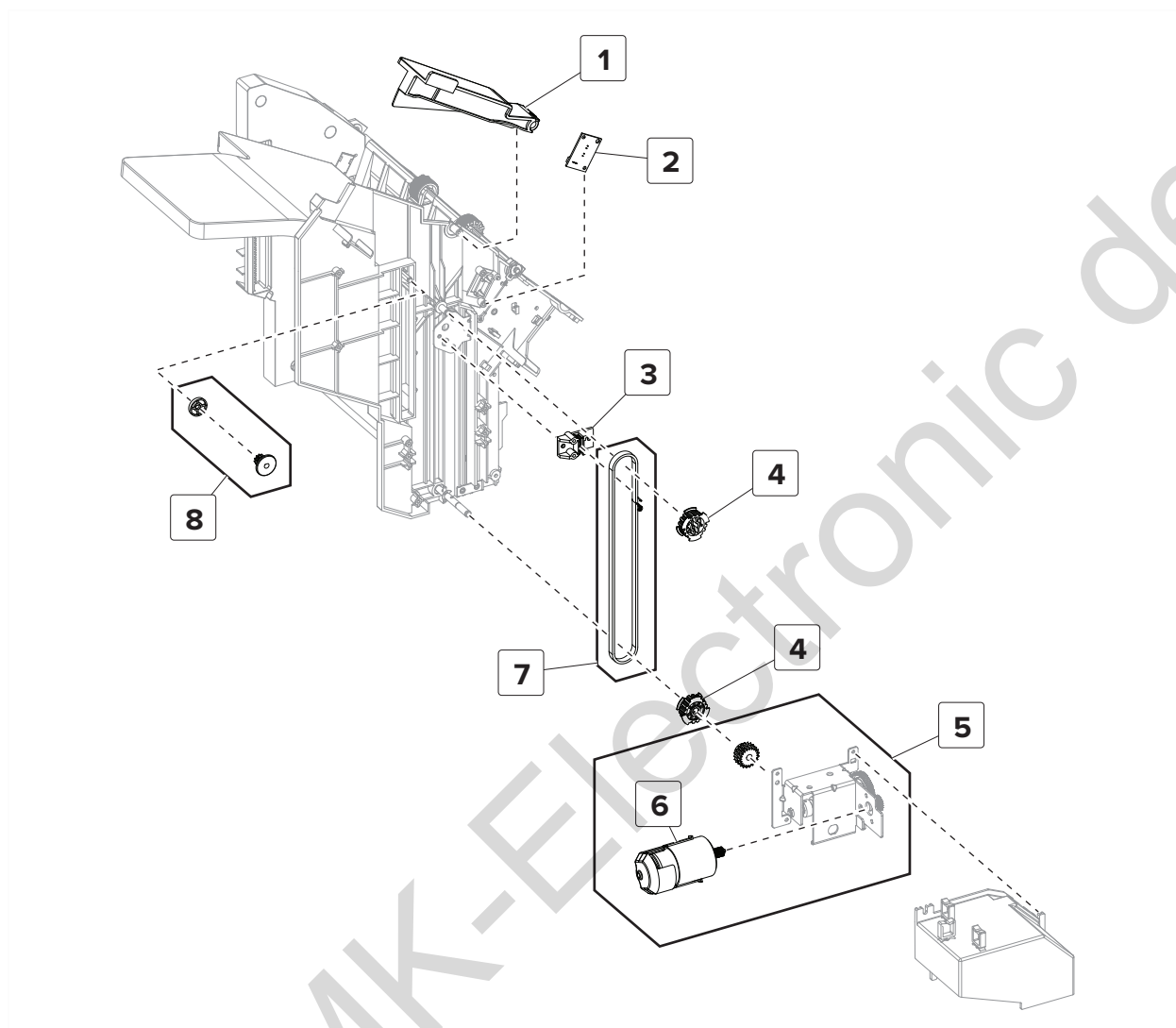
Assembly 74: MSHPF stapler bin 2



Assembly 74: MSHPF stapler bin 2

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0640	1	1	MSHPF stapler bin	--
2	41X0724	1	1	Sensor (stapler bin paper present)	--
3	41X0799	1	1	Stapler bin lower exit roller belt	“Stapler bin lower exit roller belt removal” on page 1144
4	41X0652	1	1	Stapler bin lower exit roller pulley gear	“Stapler bin lower exit roller pulley gear removal” on page 1145
5	41X0651	1	1	Stapler bin lower exit roller	“Stapler bin lower exit roller removal” on page 1158

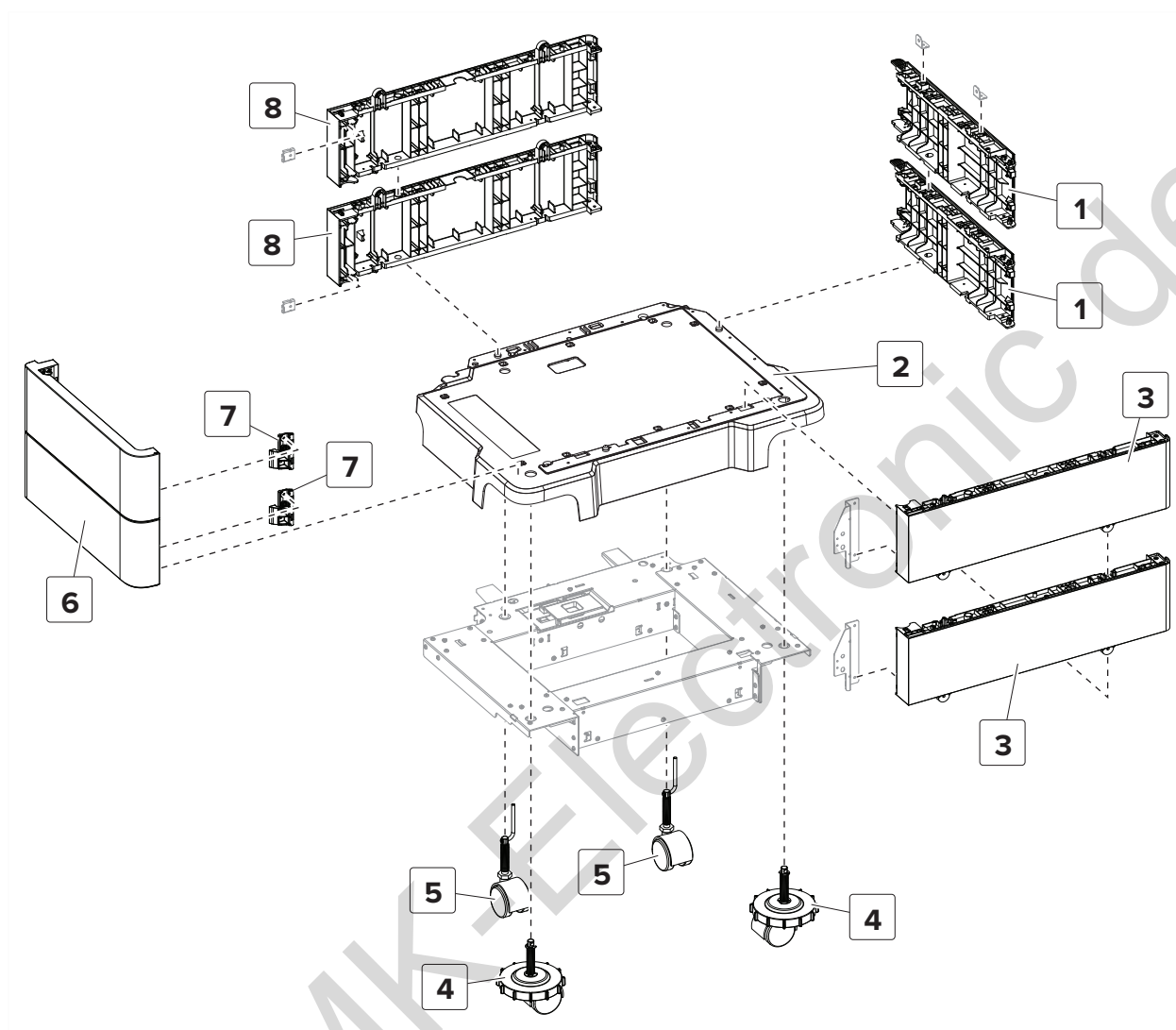
Assembly 75: MSHPF stapler bin 3



Assembly 75: MSHPF stapler bin 3

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0801	1	1	Stapler bin guide	--
2	41X0802	1	1	Sensor (stapler bin stack upper limit), receiver	“Sensor (stapler bin stack upper limit) removal” on page 962
3	41X0614	1	1	Stapler bin elevator belt holder	--
4	41X0642	2	1	Stapler bin elevator pulley gear	--
5	41X0800	1	1	Stapler bin elevator drive	“Stapler bin elevator drive removal” on page 1163
6	41X0803	1	1	Motor (stapler bin elevator)	“Motor (stapler bin elevator) removal” on page 1160
7	41X0641	1	1	Stapler bin elevator belt	--
8	41X0644	1	1	Stapler bin gear	--

Assembly 76: MSHPF cabinet



Assembly 76: MSHPF cabinet

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
1	41X0939	2	1	Cabinet rear cover	“Cabinet lower covers removal” on page 1193
2	41X0940	1	1	Cabinet bottom cover	“Cabinet lower covers removal” on page 1193
3	41X0941	2	1	Cabinet side covers	“Cabinet lower covers removal” on page 1193
4	41X0942	2	1	Cabinet right wheels	“Cabinet right wheel removal” on page 1187
5	41X0943	2	1	Cabinet left wheels	“Cabinet left wheel removal” on page 1188
6	41X0944	1	1	Cabinet door	“Cabinet door removal” on page 1184
7	41X0682	2	1	Cabinet door hinge	“Cabinet door hinge removal” on page 1185
8	41X0941	2	1	Cabinet side covers	“Cabinet lower covers removal” on page 1193
NS	41X0945	1	1	Cabinet door, tall	--
NS	41X0947	1	1	MSHPF lock button	--
NS	41X0985	1	1	MSHPF lock latch	--

Assembly 77: Miscellaneous, MSHPF

Asm-index	P/N	Units/mach	Units/FRU	Description	Removal procedure
NS	41X0602	1	1	MSHPF staging cables	--
NS	41X0608	1	1	Parts pack, MSHPF standard bin and exit cables	--
NS	41X0657	1	1	Parts pack, MSHPF stapler bin cables	--
NS	41X0665	1	1	Parts pack, MSHPF tamper and compiler tray cables	--
NS	41X0728	1	1	Parts pack, mailbox cables	--
NS	41X0735	1	1	Parts pack, HPT cables	--
NS	41X0946	1	1	Parts pack, MSHPF stand brackets	--
NS	41X0948	1	1	Parts pack, MSHPF stand screws	--
NS	41X0981	1	1	Parts pack, MSHPF screws	--