# 5. Exploded Views and Parts List

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## DIGITAL LASER PRINT

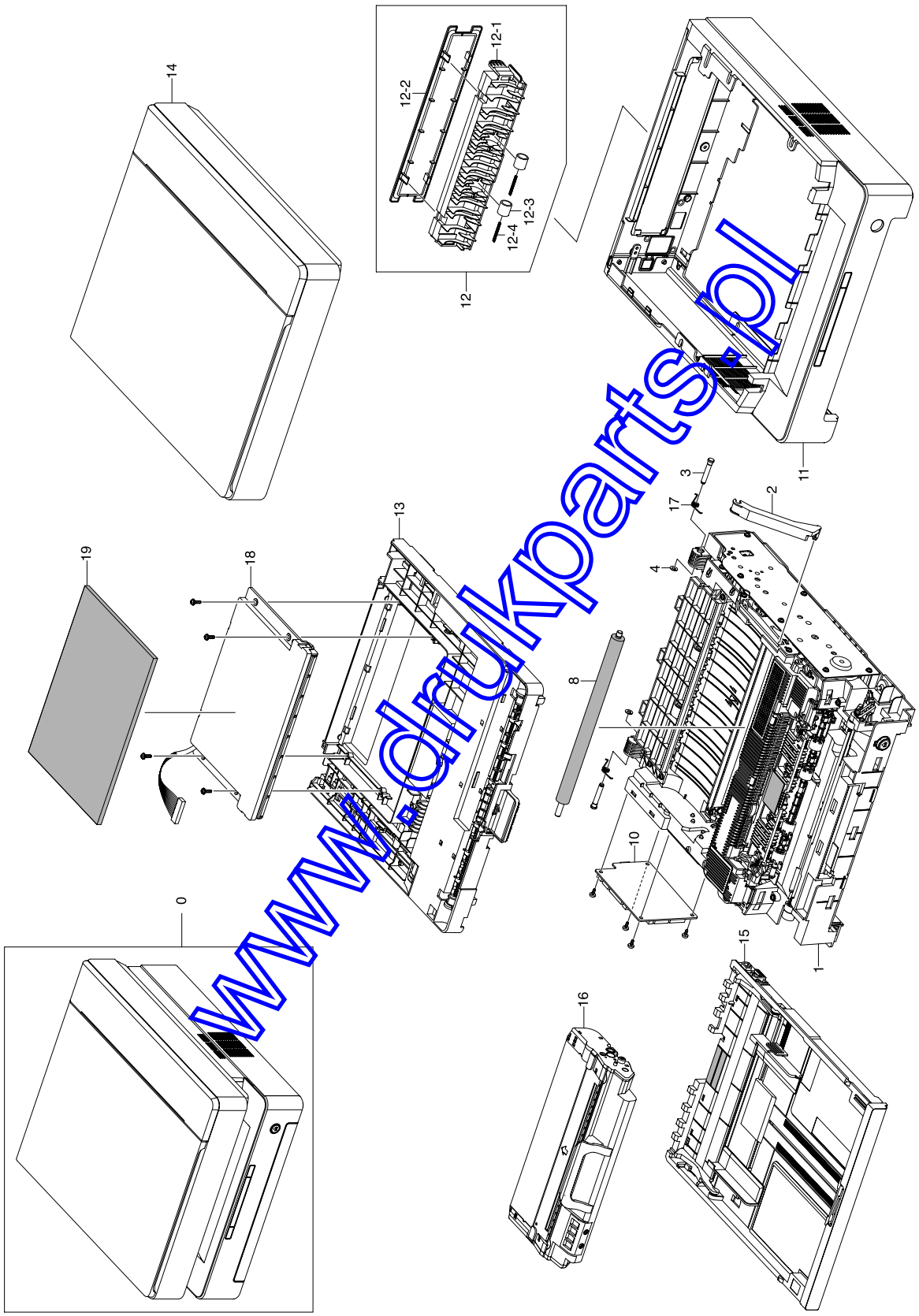
SCX-4500

## The keynote of Product

**Slim Size 3 in 1 MFP (SCX-4500)**

- Printing Speed : 16PPM(A4), 17PPM(Ltr)
- Printing Resolution : 600 x 600dpi
- Interface : USB 2.0
- OPE : Touch Sensor
- Scanner : FLAT-BED CIS(600dpi)
- Scan Resolution(Optiacl) : 600 x 2,400dpi
- Paper Input Capacity : 100 sheets
- Paper Output Capacity : 30 sheets
- Engine Life : 50,000 Pages
- Toner : Initial(1K) / Sales(2K)

# 5.1 Main

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## Main Parts List

| Drawer# | SEC_Code | Description | QT'y | Service | Remark |
|---|---|---|---|---|---|
| 5.1-0 | SCX-4500 | SET | | | |
| 5.1-1 | JC96-04645A | ELA UNIT-FRAME LOWER | 1 | Y | |
| 5.1-2 | JC66-01564A | LINK-UPPER | 1 | Y | |
| 5.1-3 | JC61-02178A | STUD-HINGE | 2 | Y | |
| 5.1-4 | 6031-001602 | WASHER-PLAIN | 2 | Y | |
| 5.1-8 | JC66-01218A | ROLLER-TRANSFER | 1 | Y | |
| 5.1-10 | JC92-01891A | PBA-MAIN | 1 | Y | |
| 5.1-11 | JC97-02978A | MEA UNIT-COVER LOWER | 1 | Y | |
| 5.1-12 | JC97-02990A | MEA UNIT-FEED LOWER | 1 | Y | |
| 5.1-12-1 | JC61-01980A | GUIDE-FEED LOWER | 1 | Y | |
| 5.1-12-2 | JC63-01385A | COVER-DUMMY REAR | 1 | Y | |
| 5.1-12-3 | JC66-01510A | ROLLER-IDLE | 2 | Y | |
| 5.1-12-4 | 6107-001277 | SPRING-ETC | 2 | Y | |
| 5.1-13 | JC96-04644A | ELA UNIT-FRAME UPPER | 1 | Y | |
| 5.1-14 | JC96-04529A | ELA UNIT-SCANNER | 1 | Y | |
| 5.1-15 | JC97-02933A | MEA UNIT-CASSETTE | 1 | Y | |
| 5.1-16 | JC96-04523A | CARTRIDGE-TONER | 1 | Y | |
| 5.1-17 | 6107-001351 | SPRING-TS | 1 | Y | |
| 5.1-18 | JC96-04623A | ELA UNIT LSU | 1 | Y | |
| 5.1-19 | JC63-00209A | WHITE-SHEET-SPONGE | 1 | Y | |

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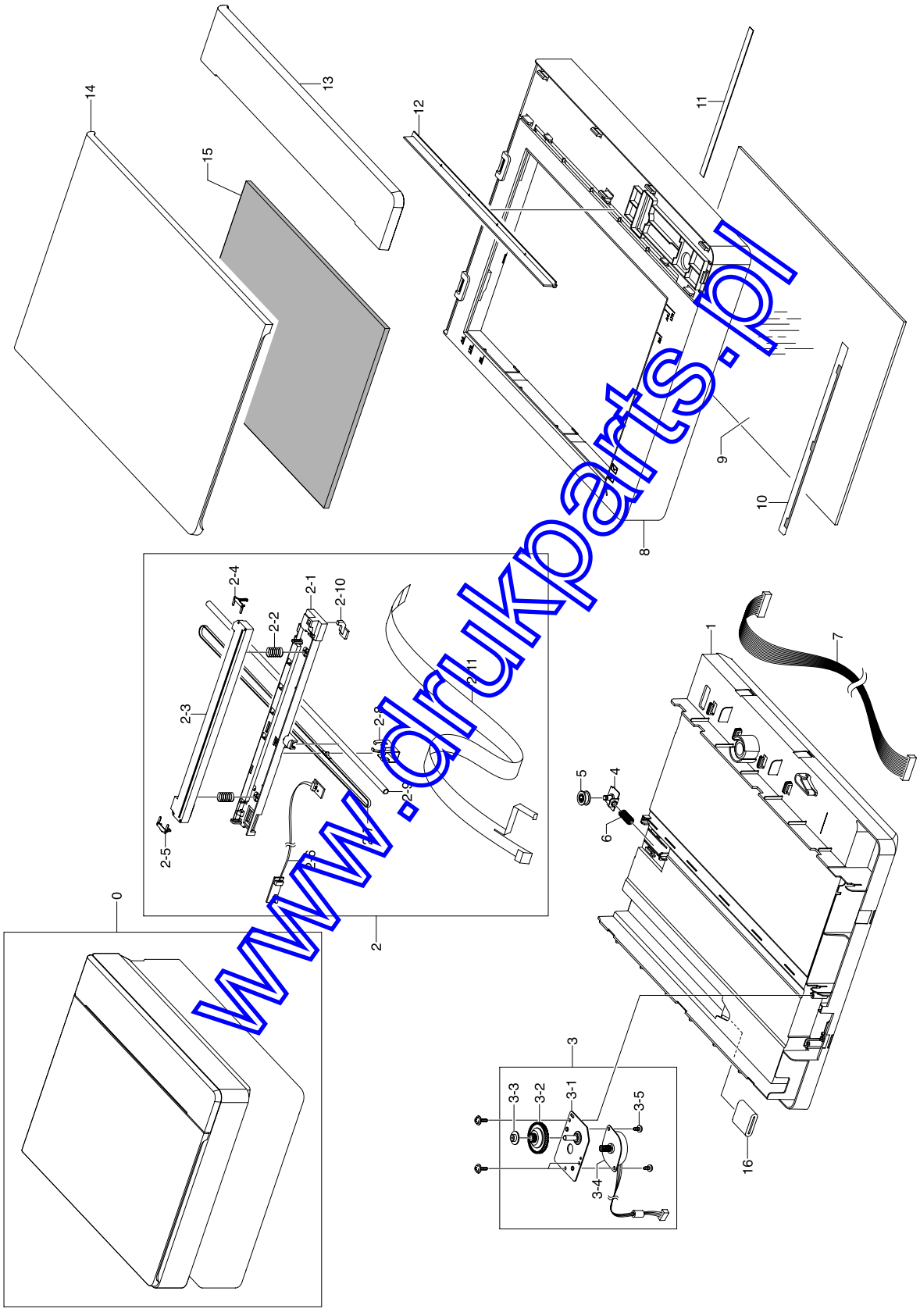
## 5.2 Scanner Unit

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## Scanner Unit Parts List

| Drawer# | SEC_Code | Description | QT'y | Service | Remark |
|---|---|---|---|---|---|
| 5.2-0 | JC97-02930A | MEA UNIT-SCAN UPPER | 1 | Y | |
| 5.2-1 | JC63-01331A | COVER-SCAN UPPER | 1 | Y | |
| 5.2-2 | JC96-04531A | ELA UNIT-CIS | 1 | Y | |
| 5.2-2-1 | JC61-01969A | BRACKET-CIS | 1 | Y | |
| 5.2-2-2 | 6107-001137 | SPRING CS | 2 | Y | |
| 5.2-2-3 | 0609-001287 | CONTACT-IMAGE SENSOR | 1 | Y | |
| 5.2-2-4 | JC66-01580A | SLIDER-CIS | 1 | Y | |
| 5.2-2-6 | JC92-01904A | PBA LENS INDICATOR | 1 | Y | |
| 5.2-2-7 | 6602-001261 | TIMMING GEAR | 1 | Y | |
| 5.2-2-8 | JB61-00232A | CLIP-P-BELT | 1 | Y | |
| 5.2-2-9 | JC66-01448A | SHAFT-CIS | 1 | Y | |
| 5.2-2-10 | JC67-00231 | LENS-LED INDICATOR | 1 | Y | |
| 5.2-2-11 | JC39-00729 | HARNESS-CIS-FFC | 1 | Y | |
| 5.2-3 | JC96-04532A | ELA UNIT-SCAN DRIVE | 1 | Y | |
| 5.2-3-1 | JC61-01640A | BRACKET MOTOR-P-SCAN | 1 | Y | |
| 5.2-3-2 | JC66-01201A | GEAR-M-PULLY | 1 | Y | |
| 5.2-3-3 | JC67-00069A | CAD-M-PULLY | 1 | Y | |
| 5.2-3-4 | JC31-00080A | MOTOR STEP | 1 | Y | |
| 5.2-3-5 | 6003-000269 | SCREW-TAPTITE | 2 | Y | |
| 5.2-4 | JC61-00931A | BRACKET-P-PULLY | 1 | Y | |
| 5.2-5 | JC66-00713A | PULLEY-M-IDLE | 1 | Y | |
| 5.2-6 | 6107-001194 | SPRING CS | 1 | Y | |
| 5.2-7 | JC39-00680A | HANESS-OPE | 1 | Y | |
| 5.2-8 | JC97-02930A | MEA UNIT-SCAN UPPER | 1 | Y | |
| 5.2-9 | JB01-00002A | CLASS-PLATEN | 1 | Y | |
| 5.2-10 | JB68-00644A | LASER_SHADING | 1 | Y | |
| 5.2-11 | 0203-001841 | TAPE-DOUBLE FACE | 1 | Y | |
| 5.2-12 | JC64-00317A | WINDOW-INDICATOR | 1 | Y | |
| 5.2-13 | JC96-04533A | ELA-UNIT-SCAN OPE | 1 | Y | |
| 5.2-14 | JC63-013333A | COVER SCAN PLATEN | 1 | Y | |
| 5.2-15 | JC63-00209A | SHEET UNIT SPONGE | 1 | Y | |
| 5.2-16 | 3301-001742 | CORE FERRITE | 1 | Y | |
| | | | | | |

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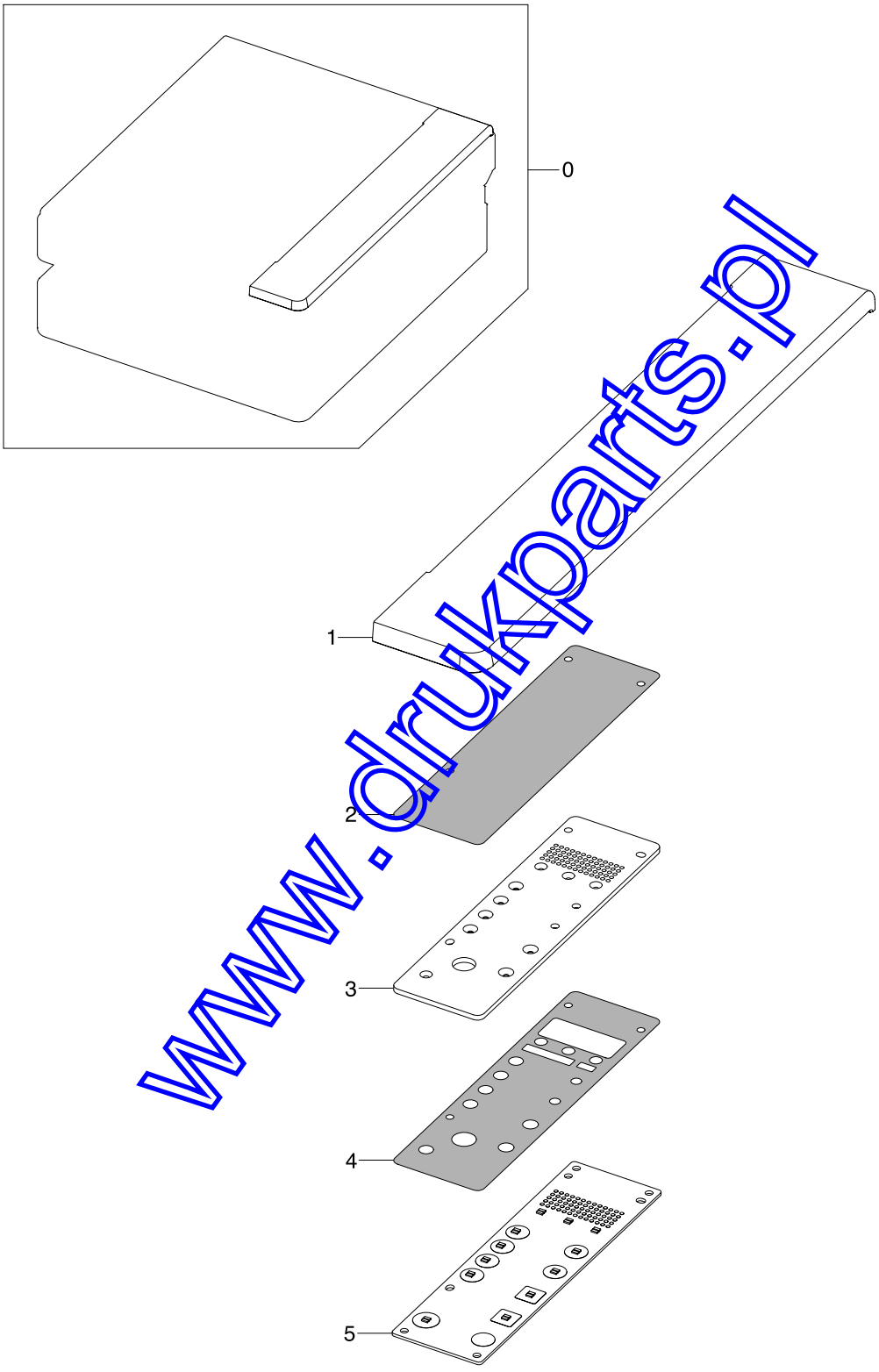
## 5.3 OPE Unit

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## OPE Unit Parts List

| Drawer# | SEC_Code | Description | QT'y | Service | Remark |
|---|---|---|---|---|---|
| 5.3-0 | JC96-04533A | ELA UNIT-SCAN OPE | | | |
| 5.3-1 | JC63-01333A | COVER-SCAN OPE | 1 | Y | |
| 5.3-2 | JC63-01468A | SHEET-SCAN DIFUSSION | 1 | Y | |
| 5.3-3 | JC61-02008A | HOLDER LED MAIN | 1 | Y | |
| 5.3-4 | 0203-002250 | TAPE-DOUBLE FACE | 1 | Y | |
| 5.3-5 | JC92-01892A | PBA-OPE | 1 | Y | |

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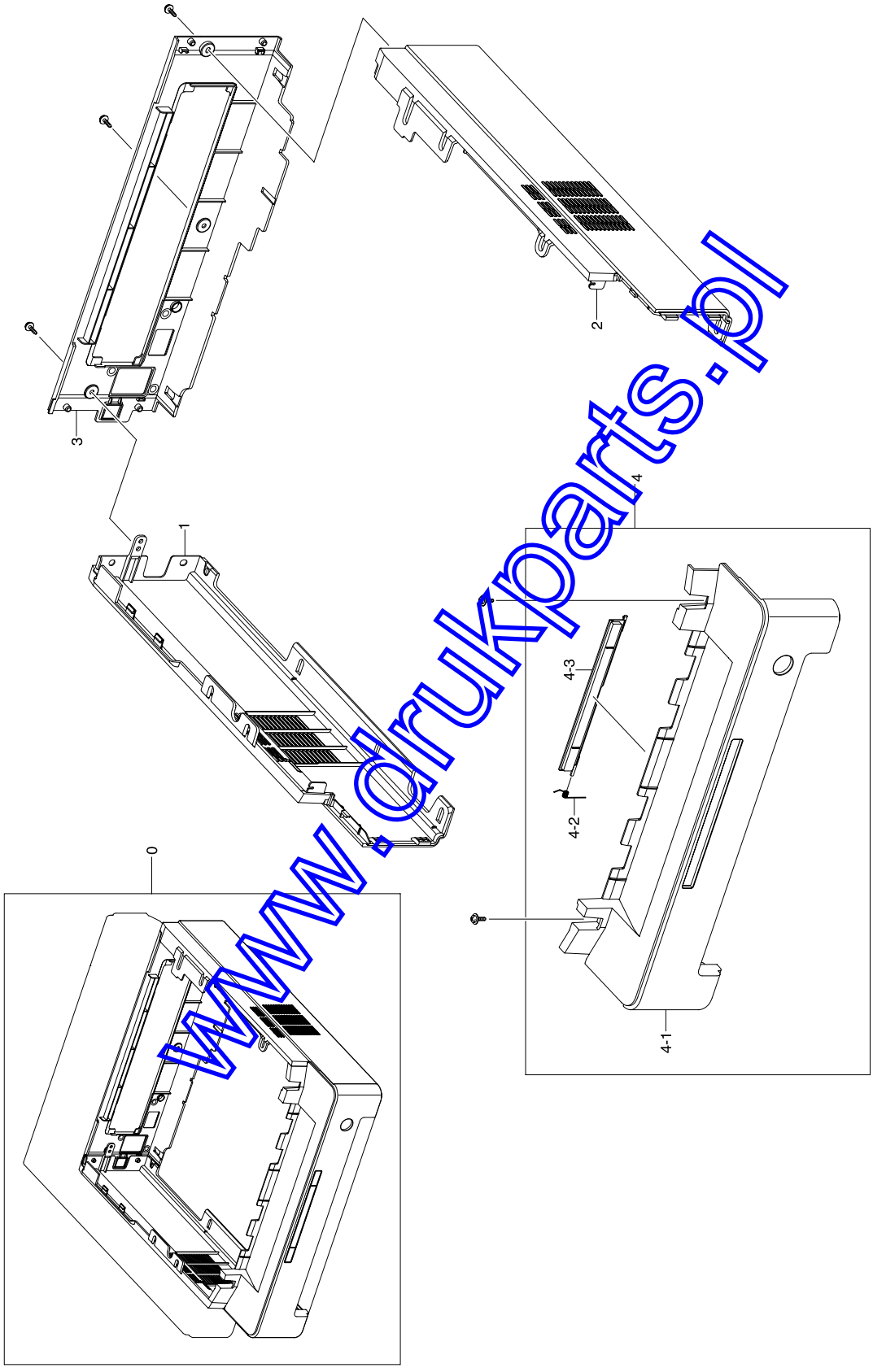
## 5.4 Cover Lower

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## Cover Lower Parts List

| Drawer# | SEC_Code | Description | QT'y | Service | Remark |
|---|---|---|---|---|---|
| 5.4-0 | JC97-02978A | MEA UNIT-COVER LOWER | 1 | Y | |
| 5.4-1 | JC63-01383A | COVER LEFT | 1 | Y | |
| 5.4-2 | JC63-01384A | COVER RIGHT | 1 | Y | |
| 5.4-3 | JC63-01436A | COVER REAR | 1 | Y | |
| 5.4-4 | JC97-03055A | MEA UNIT-COVER FRONT | 1 | Y | |
| 5.4-4-1 | JC63-01382A | COVER-FRONT | 1 | Y | |
| 5.4-4-2 | JC61-00060A | SPRING ETC-TS BLADE | 1 | Y | |
| 5.4-4-3 | JC63-01434A | COVER DOOR STAKER | 1 | Y | |

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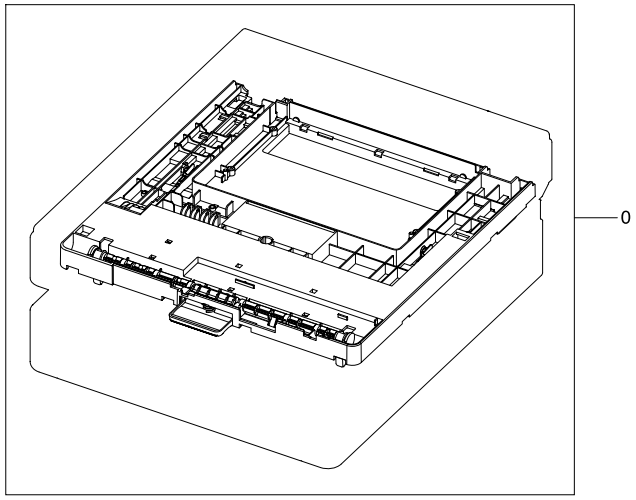
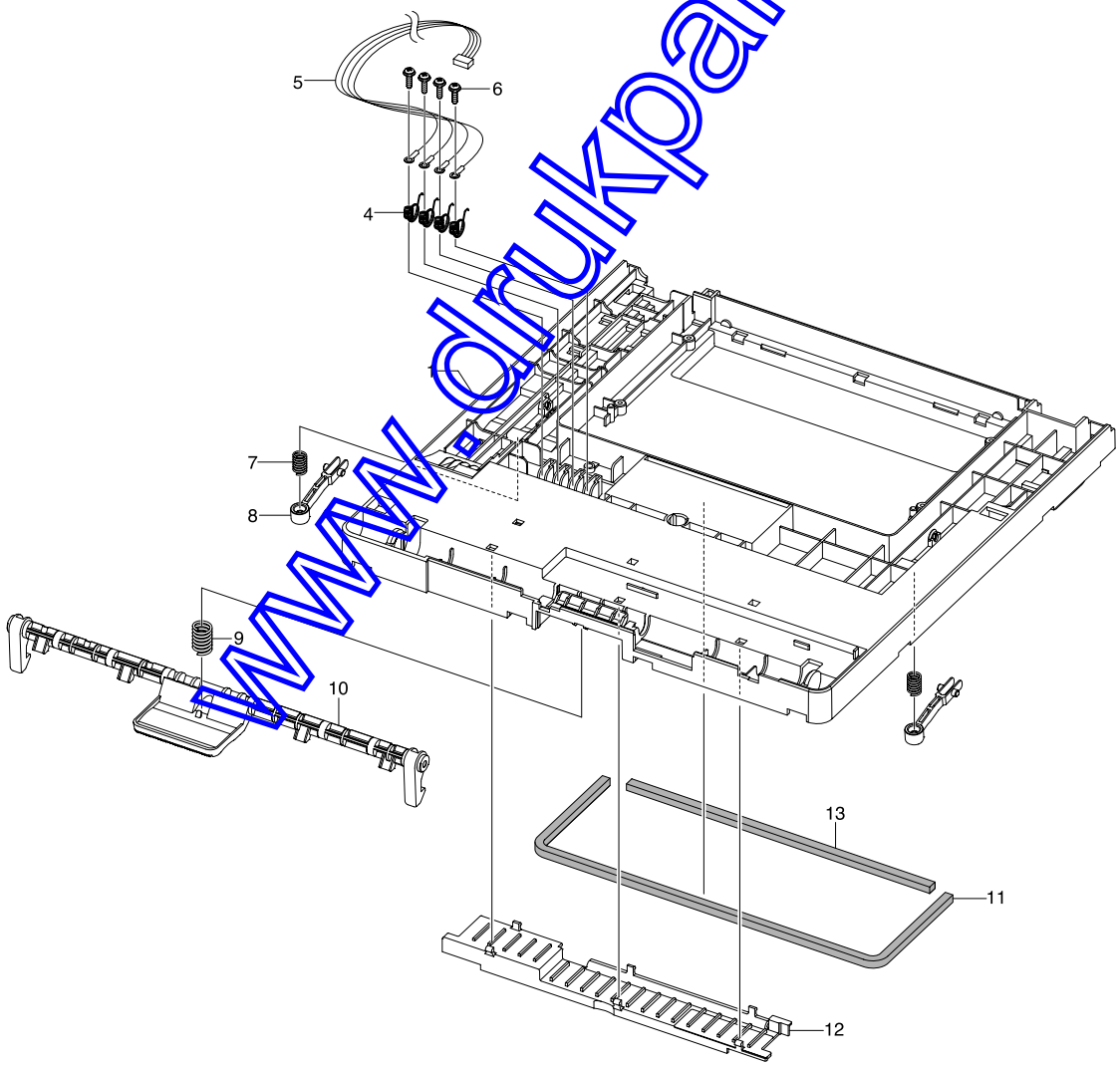
## 5.5 Frame Upper

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## Frame Upper Parts List

| Drawer# | SEC_Code | Description | QT'y | Service | Remark |
|---|---|---|---|---|---|
| 5.5-0 | JC96-04644A | ELA UNIT-FRAME UPPER | 1 | Y | |
| 5.5-1 | JC61-02107A | FRAME BASE UPPER | 1 | Y | |
| 5.5-4 | JC65-00019A | TERMINAL CRUM | 4 | Y | |
| 5.5-5 | JC39-00761A | HARNESS-CRUM | 1 | Y | |
| 5.5-6 | 6003-000282 | SCREW-TAPTITE | 4 | Y | |
| 5.5-7 | JC61-70958A | SPRING ETC-GUIDE TR | 2 | Y | |
| 5.5-8 | JC61-02108A | PLATE GUIDE DEVE | 1 | Y | |
| 5.5-9 | JC61-70932A | SPRING ETC-GUIDE DEVE | 1 | Y | |
| 5.5-10 | JC66-01545A | LEVEL HANDLE UPPER | 1 | Y | |
| 5.5-11 | JC62-00417A | SEAL-LSU | 1 | Y | |
| 5.5-12 | JC63-01444A | COVER DUMMY EXTRA | 1 | Y | |
| 5.5-13 | JC62-00464A | SEAL-LSU REAR | 1 | Y | |

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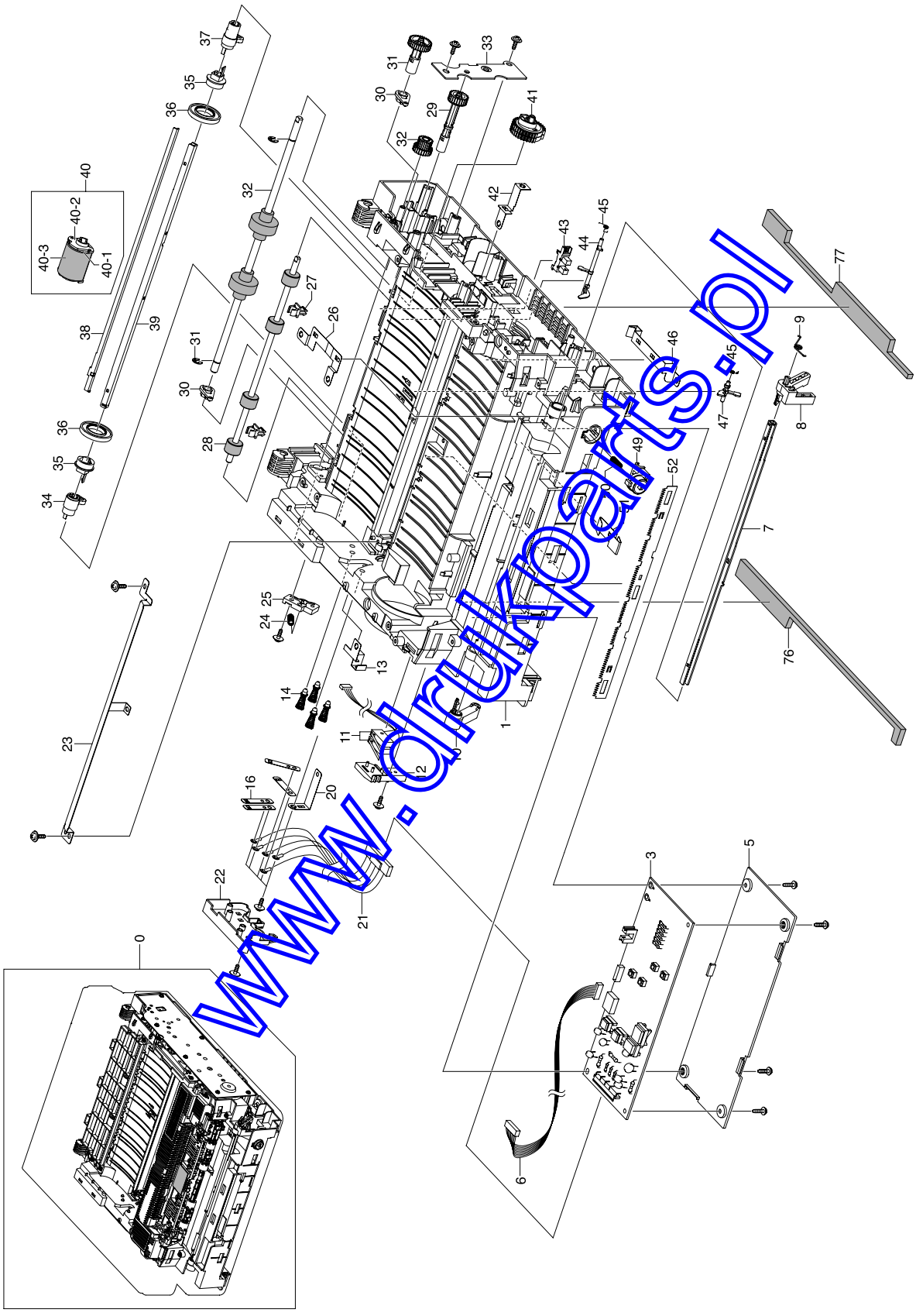
# 5.6 Frame Lower 1

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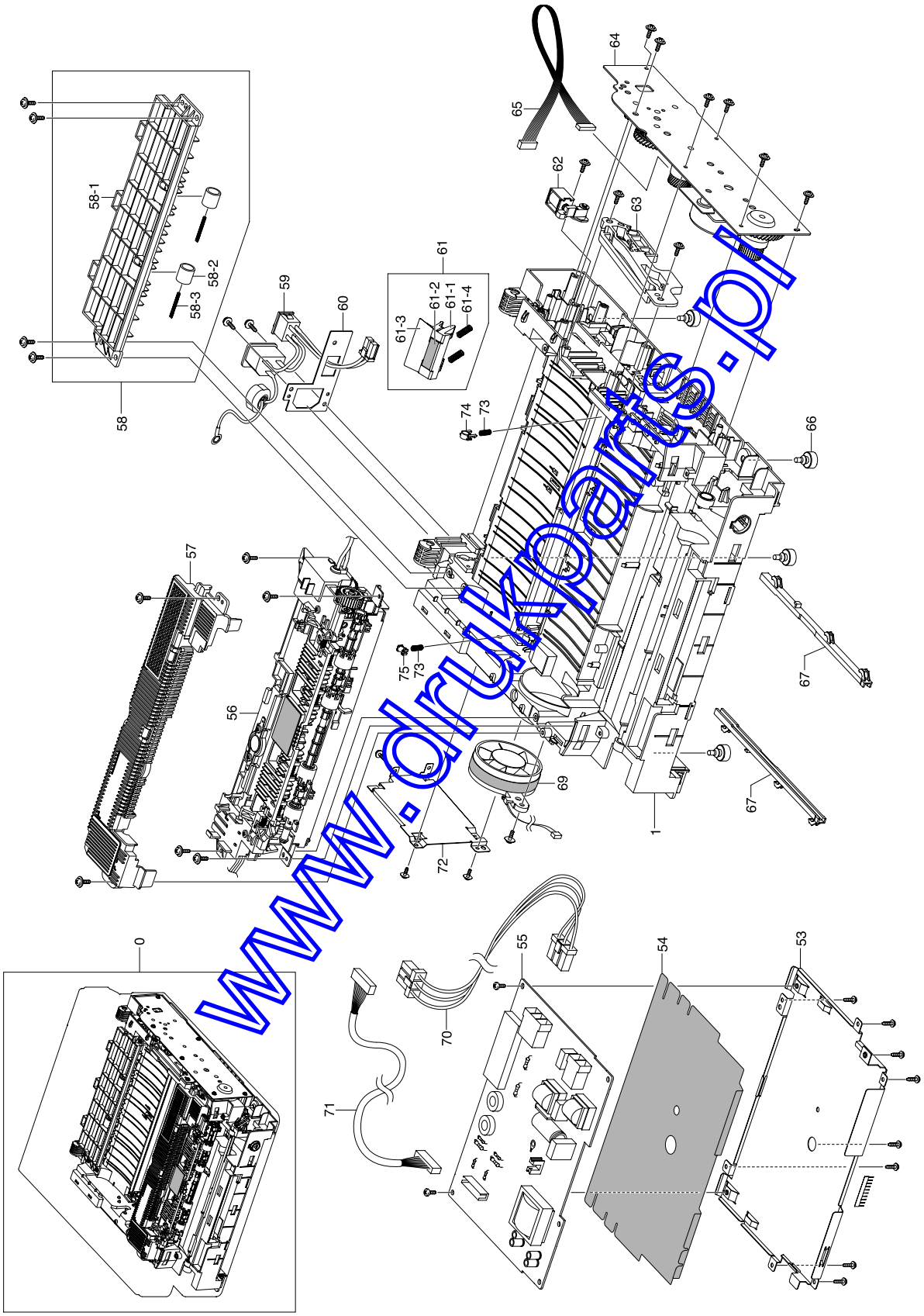
# Frame Lower 2

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# Frame Lower Parts List

| Drawer# | SEC_Code | Description | QT'y | Service | Remark |
|---|---|---|---|---|---|
| 5.6-0 | JC96-04645A | ELA UNIT-FRAME LOWER | 1 | Y | |
| 5.6-1 | JC61-02113A | FRAME-BASE LOWER | 1 | Y | |
| 5.6-3 | JC44-00146A | HVPS | 1 | Y | |
| 5.6-5 | JC63-01372A | COVER-HVPS | 1 | Y | |
| 5.6-6 | JC39-00676A | HARNESS-HVPS | 1 | Y | |
| 5.6-7 | JC66-00829A | SHAFT-P-PICK_UP | 1 | Y | |
| 5.6-8 | JC66-01544A | LEVER-CASSETE ROCK | 1 | Y | |
| 5.6-9 | 6107-001170 | SPRING-TS | 1 | Y | |
| 5.6-10 | JC66-01573A | LEVER-CASSETE GUIDE | 1 | Y | |
| 5.6-11 | JC39-00677A | HARNESS-COVER | 1 | Y | |
| 5.6-12 | JC61-02009A | HOLDER-SWITCH | 1 | Y | |
| 5.6-13 | JC63-01437A | GROUND-MAIN | 1 | Y | |
| 5.6-14 | JC75-00049A | MEC-TERMINAL | 4 | Y | |
| 5.6-16 | JC65-00024A | TERMINAL-HV | 4 | Y | |
| 5.6-20 | JC63-01415A | GROUND-P THV | 1 | Y | |
| 5.6-21 | JC39-00676A | HARNESS-HVPS | 1 | Y | |
| 5.6-22 | JC61-02109A | HOUSING-TERMINAL | 1 | Y | |
| 5.6-23 | JC61-02130A | GUIDE-EARTH TRNASFER | 1 | Y | |
| 5.6-24 | JC61-70932A | SPRING ETC-GUIDE DEVE | 1 | Y | |
| 5.6-25 | JC61-01548A | HOLDER-M-CAM | 1 | Y | |
| 5.6-26 | JC63-01416A | GROUND-HVPS | 1 | Y | |
| 5.6-27 | JC72-00382B | PMO-BUSHING FEED | 2 | Y | |
| 5.6-28 | JC66-00526A | ROLLER-FEED ROLLER 1 | 1 | Y | |
| 5.6-29 | JC66-01439A | GEAR-REGI | 1 | Y | |
| 5.6-30 | JC72-41191B | PMO-BEARING SHAFT | 1 | Y | |
| 5.6-31 | JC66-01435A | GEAR-FEED | 1 | Y | |
| 5.6-32 | JC66-01436A | GEAR-DRV FEED | 1 | Y | |
| 5.6-33 | JC61-01967A | BRACKET_FEED | 1 | Y | |
| 5.6-34 | JC66-01469A | CAM-PICKUP L | 1 | Y | |
| 5.6-35 | JC61-01713A | STOPPER-PICK_UP R | 2 | Y | |
| 5.6-36 | JC66-01509A | ROLLER-PICKUP IDLE | 2 | Y | |
| 5.6-37 | JC66-01468A | CAM-PICKUP R | 1 | Y | |
| 5.6-38 | JC61-01281A | BRACKET-P-BAR_PICK_UP | 1 | Y | |
| 5.6-39 | JC66-00829A | SHAFT-P-PICK_UP | 1 | Y | |
| 5.6-40 | JC97-02982A | MEA UNIT-ROLLER PICKUP | 1 | Y | |
| 5.6-40-1 | JC61-00909A | HOUSING-M-PICK UP_R2 | 1 | Y | |
| 5.6-40-2 | JC61-02079A | HOUSING-PICKUP B | 1 | Y | |
| 5.6-40-3 | JC72-01231A | SPONGE-ROLLER PICK_UP | 1 | Y | |
| 5.6-41 | JC97-02957A | MEA UNIT-GEAR PICKUP | 1 | Y | |
| 5.6-42 | JC63-01414A | GROUND DRIVE | 1 | Y | |
| 5.6-43 | 0604-001095 | PHOTO INTERRUTER | 1 | Y | |
| 5.6-44 | JC66-01541A | ATUATOR EMPTY | 1 | Y | |
| 5.6-45 | 6107-001164 | SPRING TS | 2 | Y | |

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# Frame Lower Parts List

| Drawer# | SEC_Code | Description | QT'y | Service | Remark |
|---|---|---|---|---|---|
| 5.6-46 | JC63-01413A | GROUND-SAW | 1 | Y | |
| 5.6-47 | JC66-01542A | ACTUATOR-FEED | 1 | Y | |
| 5.6-49 | JC64-00332A | BUTTON-CASSETTE | 1 | Y | |
| 5.6-50 | JC61-70940A | SPRING ETC-TR(12) | 1 | Y | |
| 5.6-51 | JC63-01417A | GROUND-FUSER | 1 | Y | |
| 5.6-52 | JC70-10232A | IPR-PLATE SAW | 1 | Y | |
| 5.6-53 | JC63-01420A | SHIELD-SMPS | 1 | Y | |
| 5.6-54 | JC63-01411A | SHEET-SMPS | 1 | Y | |
| 5.6-55 | JC44-00147A | SMPS-V1 | 1 | Y | |
| 5.6-56 | JC96-04540A | ELA HOU-FUSER | 1 | Y | |
| 5.6-57 | JC63-01430A | COVER-DUMMY REAR | 1 | Y | |
| 5.6-58 | JC97-02939A | MEA UNIT-FEED UPPER | 1 | Y | |
| 5.6-58-1 | JC61-01979A | GUIDE-FEED UPPER | 1 | Y | |
| 5.6-58-2 | JC66-01510A | ROLLER-IDLE | 2 | Y | |
| 5.6-58-3 | 6107-001277 | SPRING-ETC | 2 | Y | |
| 5.6-59 | JC39-00685A | HARNESS-INLET | 1 | Y | |
| 5.6-60 | JC61-02114A | BRACKET-REAR | 1 | Y | |
| 5.6-61 | JC97-02937A | MEA UNIT-HOLDER PICKUP | 1 | Y | |
| 5.6-61-1 | JC69-00987A | PAD-FRICTION | 1 | Y | |
| 5.6-61-2 | JC61-02076A | HOLDER-PAD | 1 | Y | |
| 5.6-61-3 | JC63-00290A | SHEET-HOLDER PAD | 1 | Y | |
| 5.6-61-4 | JC61-70911A | SPRING ETC-EXIT ROLL FD | 2 | Y | |
| 5.6-62 | JC96-04622A | ELA UNIT-SOLENOID | 1 | Y | |
| 5.6-63 | JC66-01575A | LINK-RAIL UPPER | 1 | Y | |
| 5.6-64 | JC96-04715A | ELA UNIT DRIVE | 1 | Y | |
| 5.6-65 | JC39-00679A | HARNESS-MOTOR | 1 | Y | |
| 5.6-66 | JC61-40001A | FOOT-ML 80 | 4 | Y | |
| 5.6-67 | JC61-02110A | GUIDE-CASETTE RAIL | 2 | Y | |
| 5.6-69 | JC31-00089A | FAN-DC_HAWK | 1 | Y | |
| 5.6-70 | JC39-00737A | HARNESS-FUSER | 1 | Y | |
| 5.6-71 | JC39-00697A | HARNESS-MAIN | 1 | Y | |
| 5.6-72 | JC63-01421A | SHIELD-MAIN | 1 | Y | |
| 5.6-73 | JC61-70940A | SPRING ETC-TR(12) | 2 | Y | |
| 5.6-74 | JC61-00588A | BUSH-M.TRL | 1 | Y | |
| 5.6-75 | JC72-00102A | PMS-BUSHING_TR(L) | 1 | Y | |
| 5.6-76 | JC72-01418A | SPONGE-LEFT | 1 | Y | |
| 5.6-77 | JC72-01419A | SPONGE-RIGHT | 1 | Y | |

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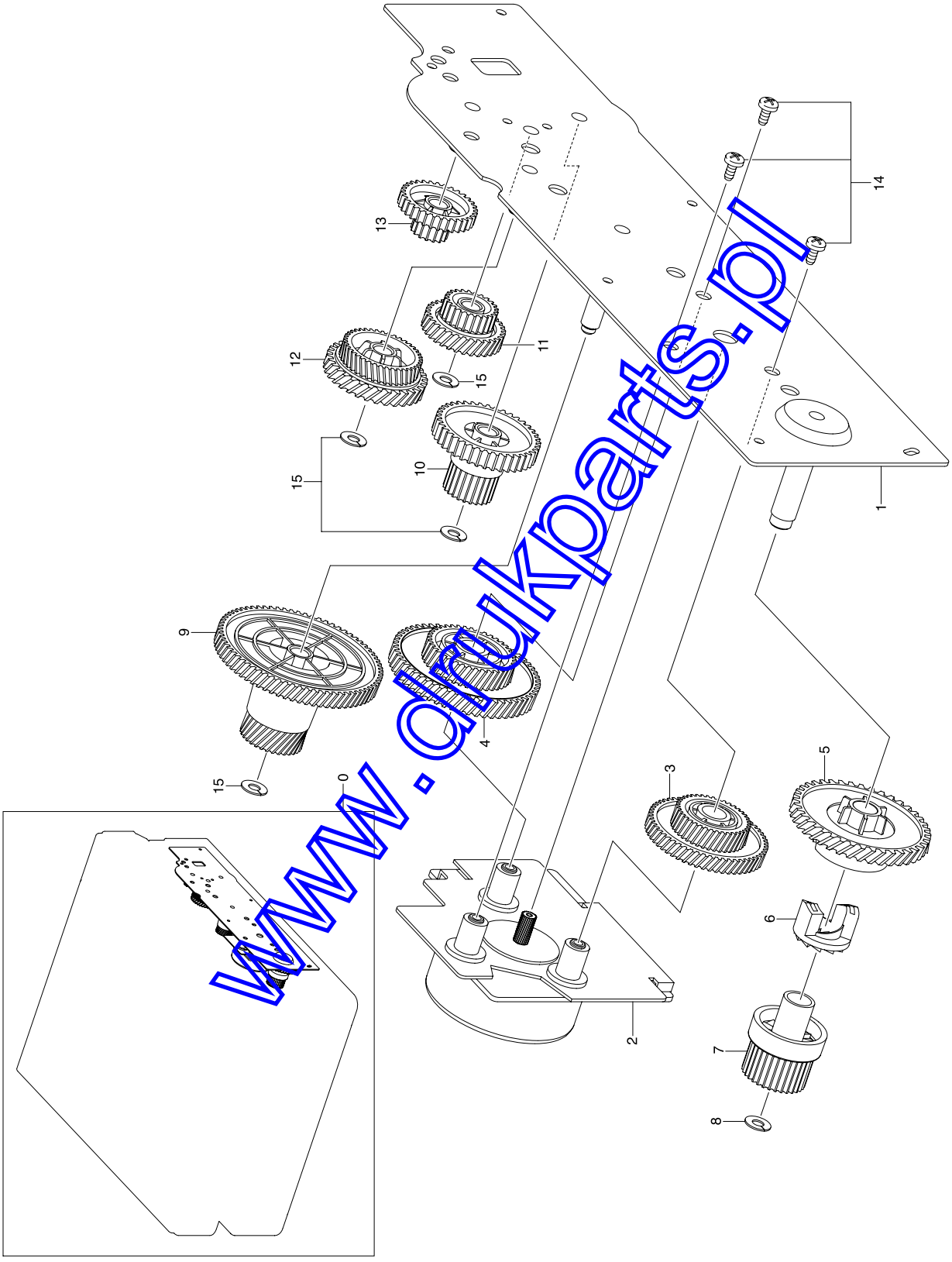
## 5.7 Main Drive

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## Main Drive Parts List

| Drawer# | SEC_Code | Description | QT'y | Service | Remark |
|---|---|---|---|---|---|
| 5.7-0 | JC96-04715A | ELA UNIT DRIVE | | | |
| 5.7-1 | JC61-01968A | BRACKET GEAR | 1 | Y | |
| 5.7-2 | JC31-00079A | BLDC-MOTOR | 1 | Y | |
| 5.7-3 | JC66-01445A | GEAR RDCN FUSER | 1 | Y | |
| 5.7-4 | JC66-01444A | GEAR RDCN OPC | 1 | Y | |
| 5.7-5 | JC66-01441A | GEAR DRV FUSER OUT | 1 | Y | |
| 5.7-6 | JC66-00340A | GEAR HUB CLUTCH | 1 | Y | |
| 5.7-7 | JC66-01800A | GEAR_DRV FUSER IN | 1 | Y | |
| 5.7-8 | 6031-000023 | WASHER-PLAIN | 1 | Y | |
| 5.7-9 | JC66-01440A | GEAR DRV OPC | 1 | Y | |
| 5.7-10 | JC66-01443A | GEAR DRIVE PICK UP | 1 | Y | |
| 5.7-11 | JC66-01447A | GEAR RDCN FEED B | 1 | Y | |
| 5.7-12 | JC66-01446A | GEAR RDCN FEED A | 1 | Y | |
| 5.7-13 | JC66-01442A | GEAR DRV REGI | 1 | Y | |
| 5.7-14 | 6001-000130 | SCREW MACHINE | 3 | Y | |
| 5.7-15 | 6031-001602 | WHASHER-PLAIN | 4 | Y | |

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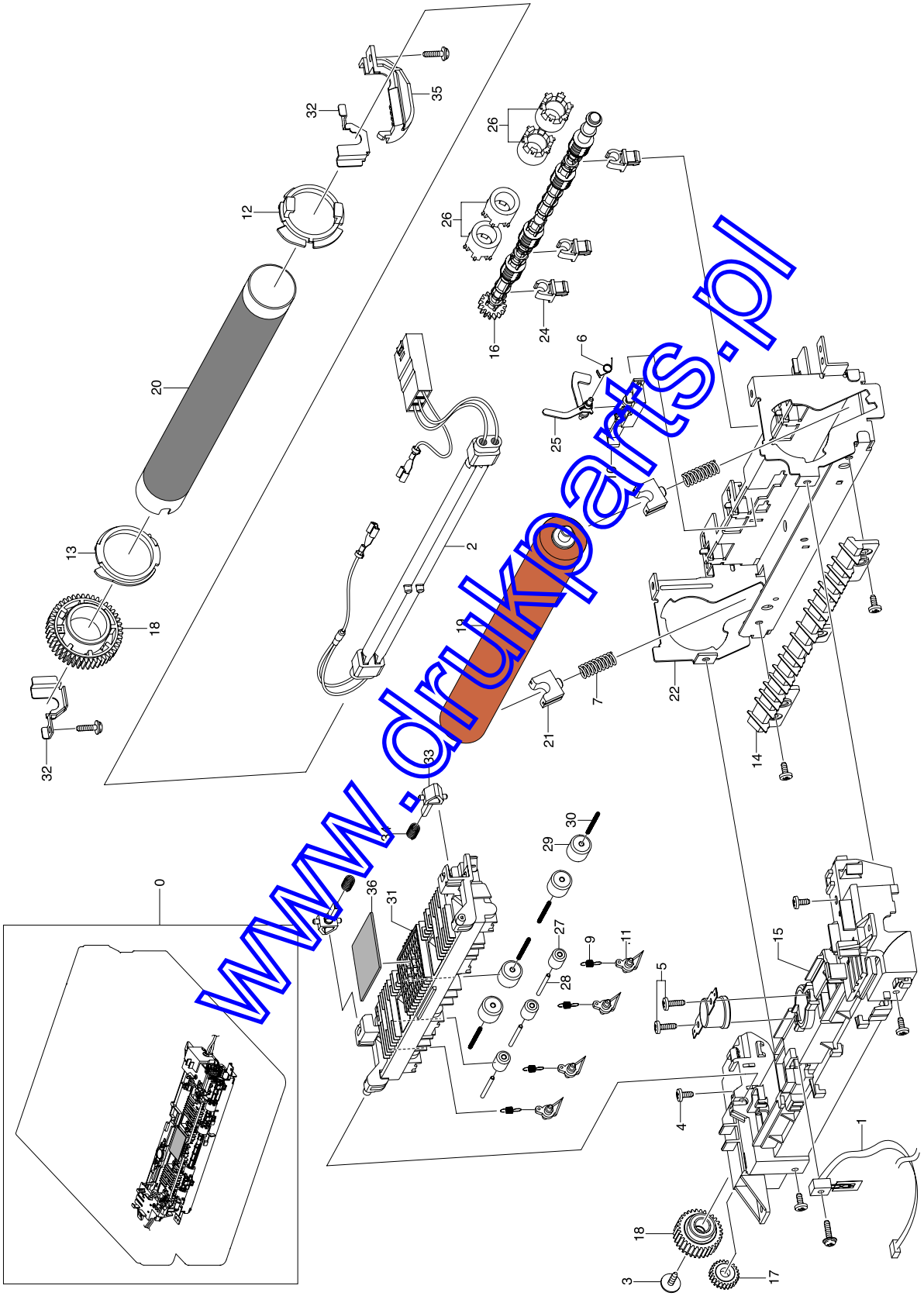
## 5.8 Fuser

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# Fuser Parts List

| Drawer# | SEC_Code | Description | QT'y | Service | Remark |
|---|---|---|---|---|---|
| 5.8-0 | JC96-04540A | ELA HOU-FUSER | 1 | Y | |
| 5.8-1 | 1404-001427 | THERMISTOR-NTC ASSY | 1 | Y | |
| 5.8-2 | 4713-001226 | LAMP-HALOGEN | 1 | Y | |
| 5.8-3 | 6006-001078 | SCREW-TAPTITE | 1 | Y | |
| 5.8-4 | 6003-000269 | SCREW-TAPTITE | 1 | Y | |
| 5.8-5 | 6003-000282 | SCREW-TAPTITE | 2 | Y | |
| 5.8-6 | 6107-001165 | SPRING-TS | 1 | Y | |
| 5.8-7 | JC61-00056A | SPRING ETC-PR(7300) | 2 | Y | |
| 5.8-8 | JC66-01254A | GEAR-FUSER | 1 | Y | |
| 5.8-9 | JC61-00064A | SPRING ETC-CLAW | 1 | Y | |
| 5.8-10 | JC61-02010A | HOLDER-ACTUATOR | 1 | Y | |
| 5.8-11 | JC61-02184A | GUIDE-CLAW PI | 4 | Y | |
| 5.8-12 | JC61-00887A | BUSH-M-HR R_R2 | 1 | Y | |
| 5.8-13 | JC61-00888A | BUSH-M-HR L_R2 | 1 | Y | |
| 5.8-14 | JC61-02450A | GUIDE-INPUT | 1 | Y | |
| 5.8-15 | JC63-01431A | COVER-FUSER | 1 | Y | |
| 5.8-16 | JC66-00380A | ROLLER-M-EXIT F/UP | 1 | Y | |
| 5.8-17 | JC72-00143A | PMO-GEAR_EXIT_DRV16 | 1 | Y | |
| 5.8-18 | JC66-01254A | GEAR-FUSER | 1 | Y | |
| 5.8-19 | JC66-00600A | ROLLER-PRESSURE | 1 | Y | |
| 5.8-20 | JC66-01531A | ROLLER-HEAT | 1 | Y | |
| 5.8-21 | JC66-10901A | BUSH | 2 | Y | |
| 5.8-22 | JC61-02137A | FRAME-FUSER | 1 | Y | |
| 5.8-23 | 4712-001027 | THERMOSTAT | 1 | Y | |
| 5.8-24 | JC72-00382A | PMO-BUSHING TX | 3 | Y | |
| 5.8-25 | JC66-01533A | ACTUATOR-EXIT | 1 | Y | |
| 5.8-26 | JC73-00255A | RUBBER-EXIT F/UP | 4 | Y | |
| 5.8-27 | JC66-01312B | ROLLER-IDLE | 1 | Y | |
| 5.8-28 | JC70-00064A | IPR-PIN ROLLER EXIT | 1 | Y | |
| 5.8-29 | JC72-20902B | PEX-ROLLER F/UP(2) | 1 | Y | |
| 5.8-30 | 6107-001347 | SPRING-TC | 4 | Y | |
| 5.8-31 | JC61-02129A | GUIDE-EXIT | 1 | Y | |
| 5.8-32 | JC61-02012A | HOLDER-LAMP | 1 | Y | |
| 5.8-33 | JC67-00111A | CAP-M_ACTUATOR_UP | 2 | Y | |
| 5.8-34 | 6107-001346 | SPRING-CS | 2 | Y | |
| 5.8-35 | JC63-01446A | COVER-LAMP | 1 | Y | |
| 5.8-36 | JC63-01739A | FELT-FUSER | 1 | Y | |

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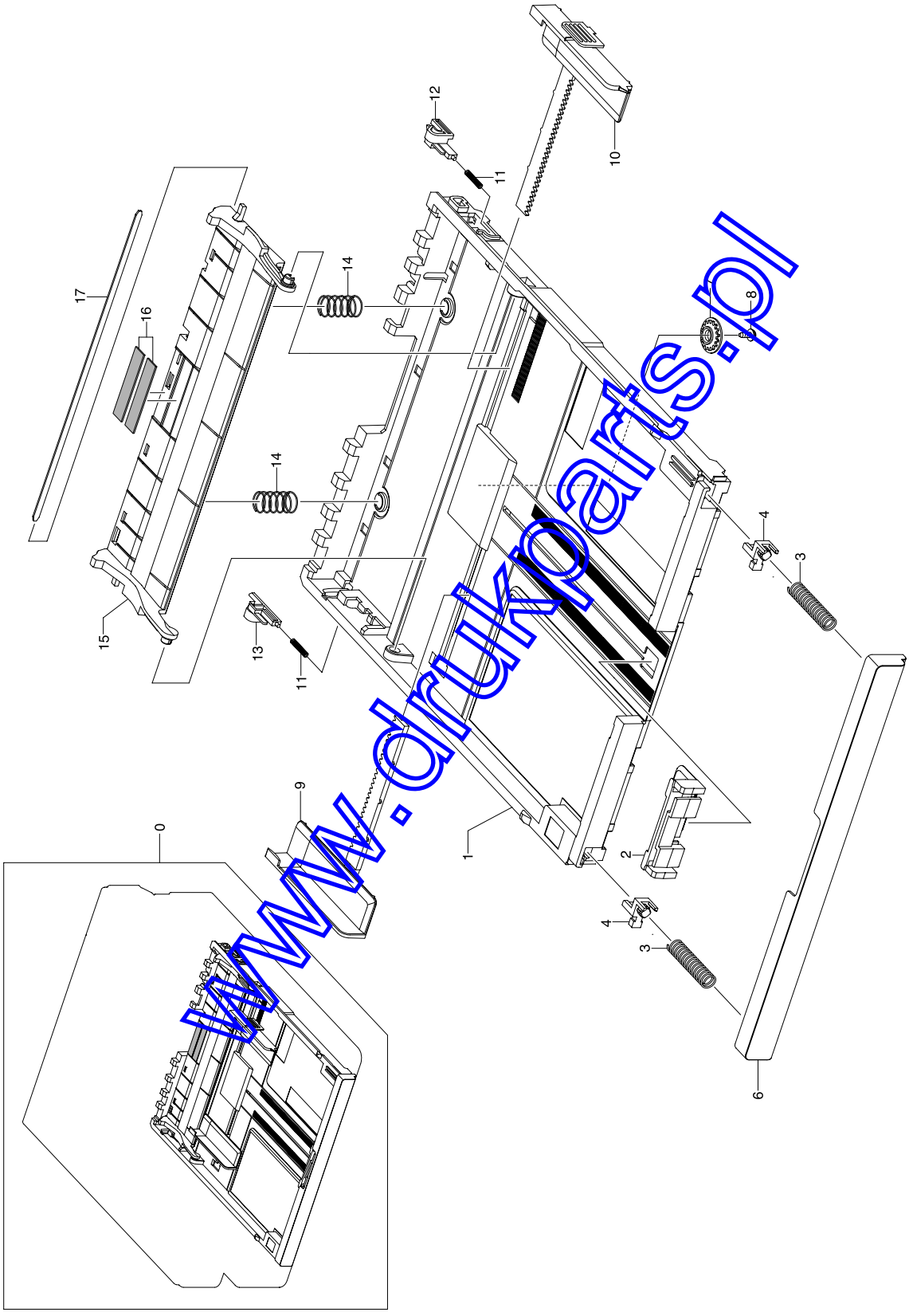
## 5.9 Cassette

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## Cassette Parts List

| Drawer# | SEC_Code | Description | QT'y | Service | Remark |
|---|---|---|---|---|---|
| 5.9-0 | JC97-02933A | MEA UNIT-CASSETTE | 1 | Y | |
| 5.9-1 | JC61-02081A | FRAME-CST | 1 | Y | |
| 5.9-2 | JC61-02126A | GUIDE-REAR | 1 | Y | |
| 5.9-3 | 6107-001350 | SPRING-CS | 2 | Y | |
| 5.9-4 | JC61-02111A | GUIDE-CASSETTE LOCK | 2 | Y | |
| 5.9-6 | JC63-01432A | COVER-CASSETTE | 1 | Y | |
| 5.9-7 | JG66-40003A | GEAR-PINION | 1 | Y | |
| 5.9-8 | 6003-000264 | SCREW-TAPTITE | 1 | Y | |
| 5.9-9 | JC61-02124A | GUIDE-SIDE L | 1 | Y | |
| 5.9-10 | JC61-02125A | GUIDE-SIDE R | 1 | Y | |
| 5.9-11 | JG61-70531A | SPRING ETC-LOCKER,PLATE | 2 | Y | |
| 5.9-12 | JC61-02128A | GUIDE-KNOCKUP R | 1 | Y | |
| 5.9-13 | JC61-02127A | GUIDE-KNOCKUP L | 1 | Y | |
| 5.9-14 | 6107-001349 | SPRING-CS | 2 | Y | |
| 5.9-15 | JC61-02080A | PLATE-KNOCKUP | 1 | Y | |
| 5.9-16 | JC73-00141A | RPR-PAD CASSETTE | 2 | Y | |
| 5.9-17 | JC66-00720A | SHAFT-P-CORE | 1 | Y | |

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