

# **Paper Feed Unit TK2000**

## **(M406-21)**

### **Parts Catalog**

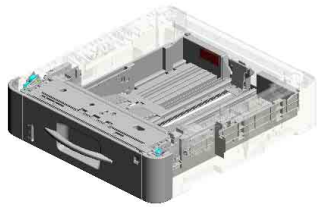
### Parts change information sample

 **Add**

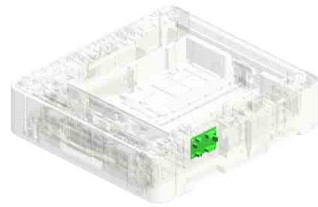
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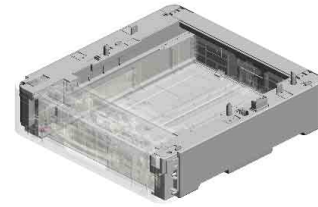
# Unit All



U001  
PAPER TRAY



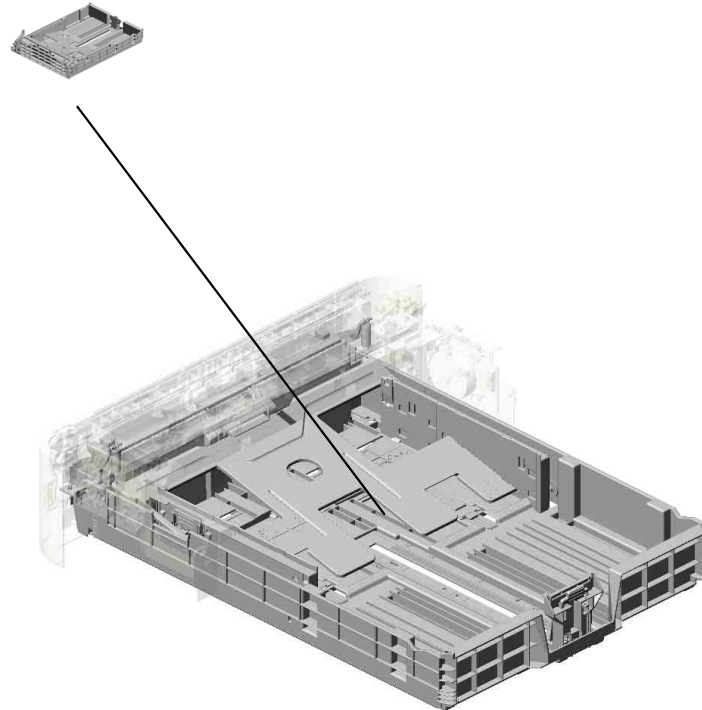
U002  
ELECTRICAL



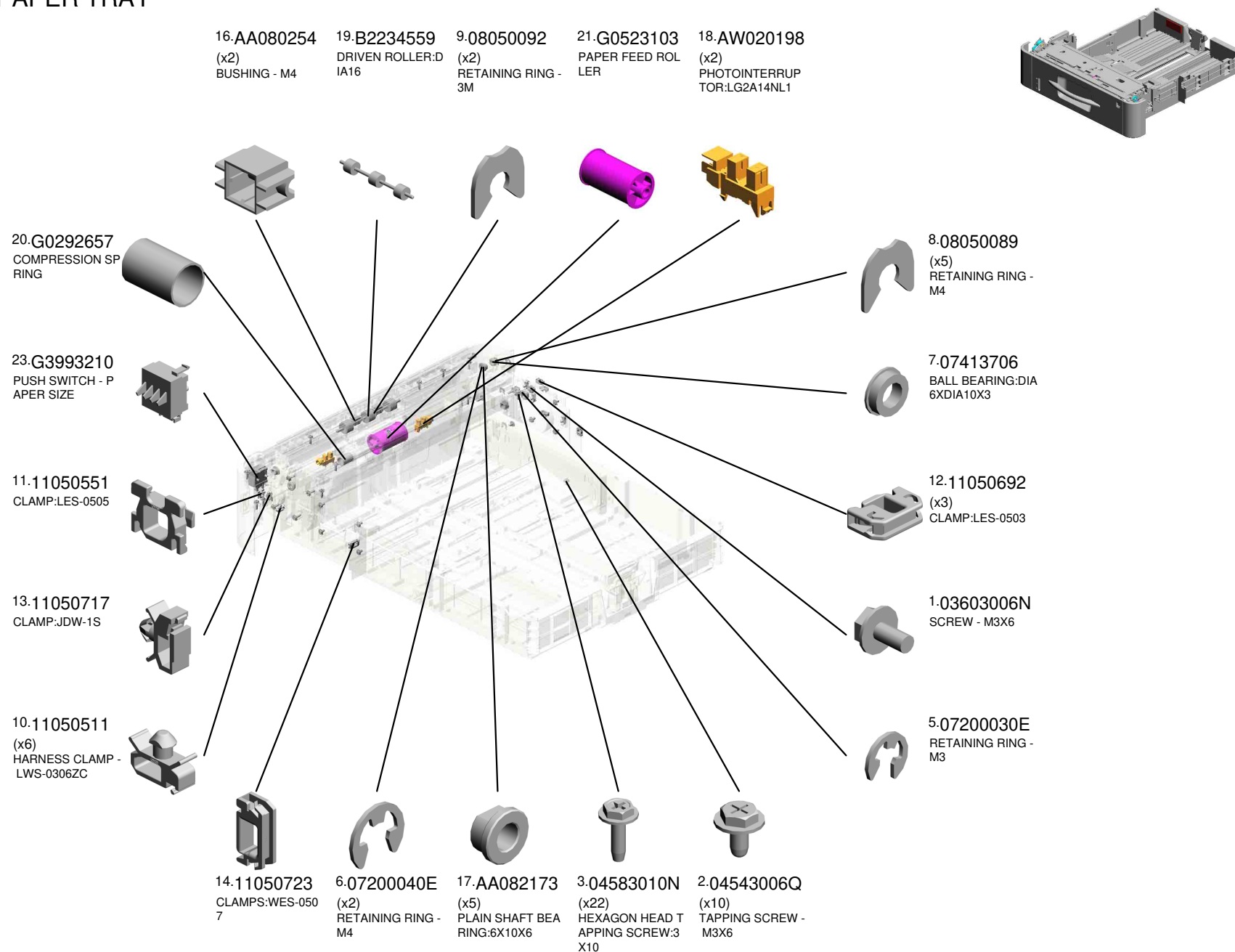
U003  
MAIN FRAME

# U001.PAPER TRAY

U001 S001  
M4062503  
PAPER TRAY:500TYPE:ASS'  
Y



# U001 PAPER TRAY



# U001 PAPER TRAY

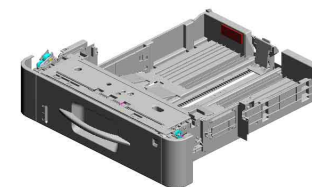
32.M3663522  
GEAR:EXIT:COUPL  
ING:Z20

34.M4061452  
LABEL:PAPER TRA  
Y:OPERATE:2

48.M4062555  
SHAFT:PAPER FEE  
D ROLLER

43.M4062529  
GRIP:COVER:FRO  
NT

47.M4062552  
COVER:PAPER FE  
ED UNIT



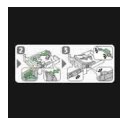
37.M4062515  
STOPPER:DIAL

39.M4062517  
DIAL:PAPER SIZE  
SENSOR:EXP

42.M4062528  
DECAL:PAPER SIZ  
E SENSOR:EXP

27.GX202130  
ELECTROMAGNET  
IC CLUTCH:PAPER  
FEED:0.45NM

38.M4062516  
LEVER:DIAL:PAPE  
R SIZE SENSOR



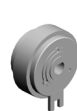
49.M4062556  
SPRING PLATE:EA  
RTH:TRAY BOTTO  
M PLATE

28.GX202140  
ELECTROMAGNET  
IC CLUTCH:TRANS  
PORT

36.M4061458  
GEAR:DRIVE:MIDD  
LE:Z40

26.GX062148  
DC BRUSHLESS M  
OTOR:TRANSFER:  
15W

35.M4061453  
LABEL:PAPER FEE  
D PRESSURE:OPE  
RATE



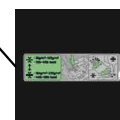
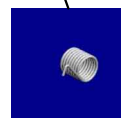
30.M1092559  
PLAIN SHAFT BEA  
RING:ASS'Y

44.M4062531  
COVER:FRONT:PA  
PER TRAY  
201512-01 X/O

24.G5553127  
FEELER SPRING

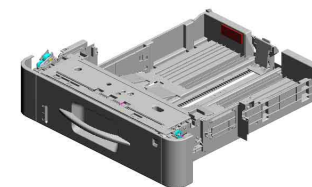
46.M4062553  
HOUSING:PAPER  
FEED UNIT  
201510-02 X/O

33.M4061451  
LABEL:PAPER TRA  
Y:OPERATE:1



# U001 PAPER TRAY

63.M4062757 BUSHING:ROLLER: MIDDLE  
79.M4063120 FEELER:PAPER END SENSOR  
68.M4062796 GEAR:5:Z27  
81.M4082798 HOLDER:GEAR  
64.M4062786 SHAFT:IDLER:PULLEY:6



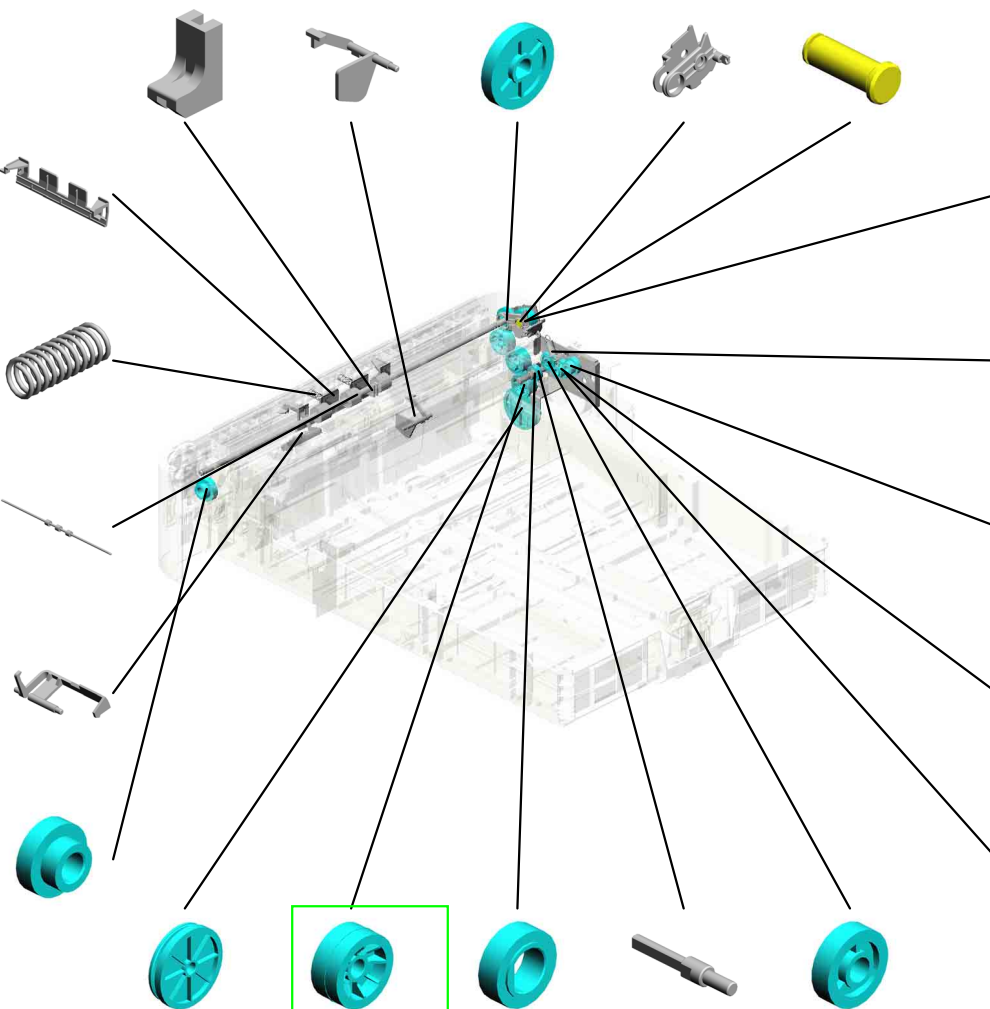
50.M4062558 GUIDE:TRAILING EDGE

51.M4062559 (x2) COMPRESSION SPRING:DRIVEN ROLLER

62.M4062751 ROLLER:MIDDLE:DRIVE

78.M4063119 FEELER:TRANSPORT SENSOR

82.M4082802 DOUBLE GEAR - 17Z & 26Z



67.M4062795 GEAR:Z48:Z7

66.M4082795 (x3) GEAR:TRANSPORT:Z27:Z27:PRESS FIT 202003-01 X/O

73.M4062823 GEAR:Z17

65.M4062791 SHAFT

71.M4062807 GEAR:IDLER:SMALL:GATE

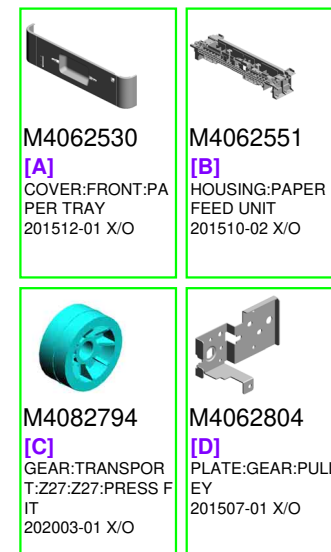
69.M4062799 GEAR:6

80.M4082679 TENSION SPRING:TRANSPORT SUB-UNIT:COUPLING

72.M4062821 GEAR:DRIVE:MIDDLE

75.M4062848 GEAR:IDLER:Z21:Z14

70.M4062824 PLATE:GEAR:PULL EY 201507-01 X/O



M4062530 [A] COVER:FRONT:PAPER TRAY 201512-01 X/O

M4062551 [B] HOUSING:PAPER FEED UNIT 201510-02 X/O

M4082794 [C] GEAR:TRANSPORT:Z27:Z27:PRESS FIT 202003-01 X/O

M4062804 [D] PLATE:GEAR:PULL EY 201507-01 X/O

# U001\_S001

## PAPER TRAY:500TYPE:ASS'Y

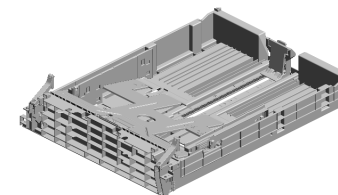
58.M4062630  
FRICTION PAD:AD  
HESION  
201601-01 X/O

77.M4062860  
SIDE FENCE:LEFT:  
500TYPE:ASS'Y

41.M4062522  
COMPRESSION SP  
RING:SEPARATIO  
N

25.GF013001  
BOTTOM PLATE P  
AD

4.04593010N  
(x2)  
BINDING HEAD TA  
PPING SCREW:3X  
10



86.M4062503  
[A]  
PAPER TRAY:500T  
YPE:ASS'Y  
201705-01 X/O

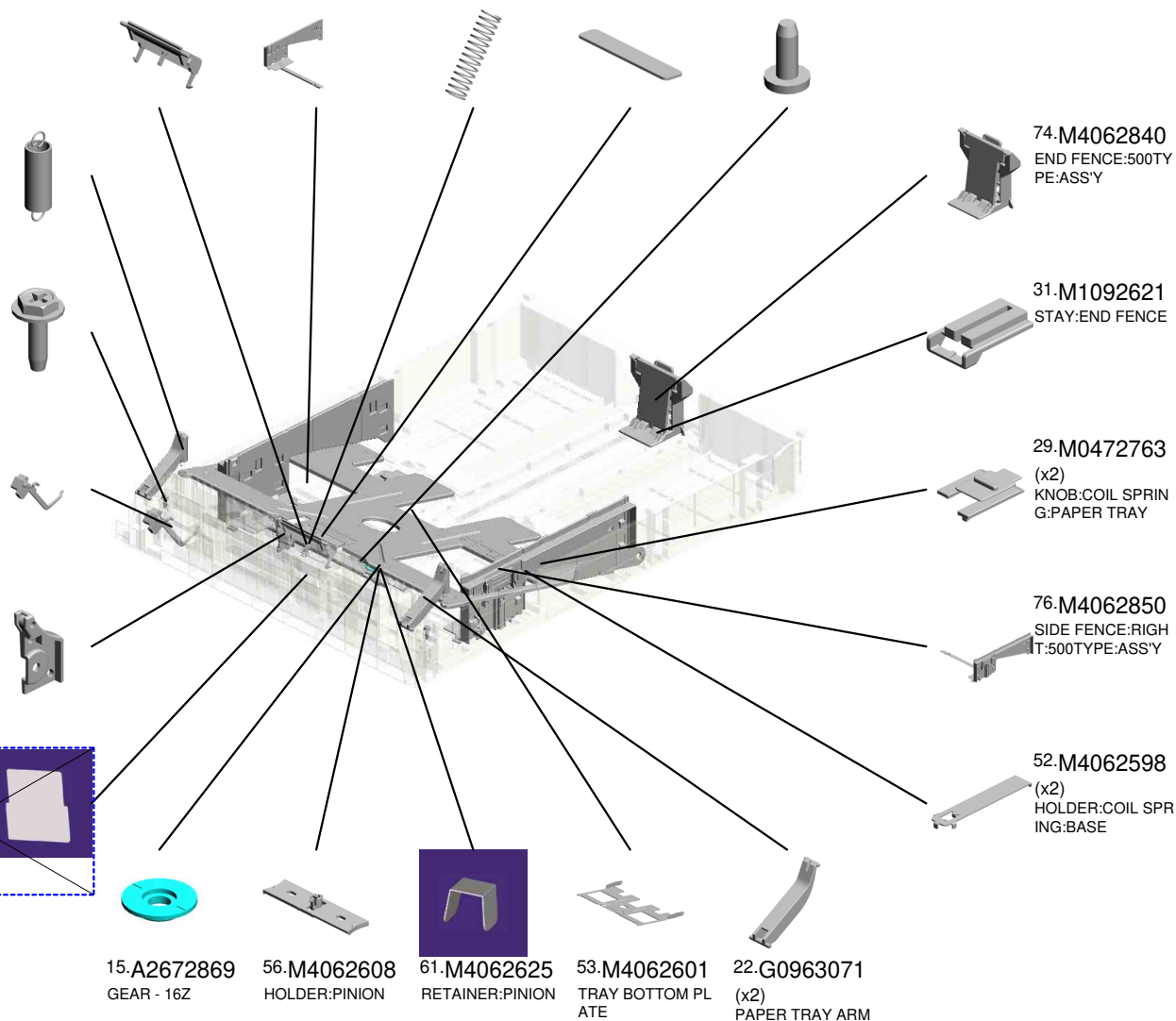
54.M4062603  
(x2)  
TENSION SPRING:  
PAPER FEED PRE  
SSURE

3.04583010N  
(x3)  
HEXAGON HEAD T  
APPING SCREW:3  
X10

55.M4062606  
LEVER:PAPER VO  
LUME SENSOR

60.M4062628  
COVER:FRICTION  
PAD  
201403-02 X/X

45.M4062540  
SHEET HOLDER:P  
APER TRAY  
201404-01



15.A2672869  
GEAR - 16Z

56.M4062608  
HOLDER:PINION

61.M4062625  
RETAINER:PINION

53.M4062601  
TRAY BOTTOM PL  
ATE

22.G0963071  
(x2)  
PAPER TRAY ARM

74.M4062840  
END FENCE:500TY  
PE:ASS'Y

31.M1092621  
STAY:END FENCE

29.M0472763  
(x2)  
KNOB:COIL SPRIN  
G:PAPER TRAY

76.M4062850  
SIDE FENCE:RIGH  
T:500TYPE:ASS'Y

52.M4062598  
(x2)  
HOLDER:COIL SPR  
ING:BASE

U001\_S001  
PAPER TRAY:500TYPE:ASS'Y

83.M4062008

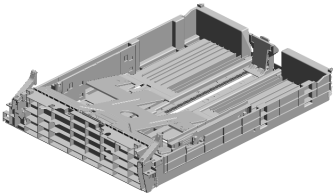
FRONT PAPER TRAY

201312-02

85.M4062629

HOLDER:FRICTION PAD

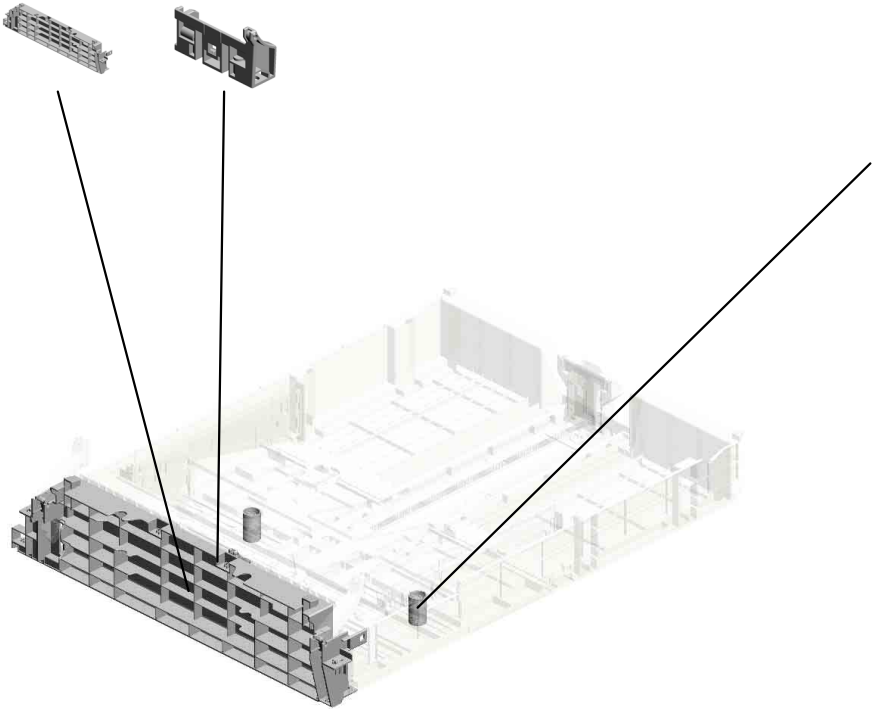
201507-02 X/O



86.M4062503

[A] PAPER TRAY:500TYPE:ASS'Y

201705-01 X/O



87.M4062612

(x2)

COMPRESSION SPRING:PAPER FEED PRESSURE:AUXILIARY

201803-01 O/O



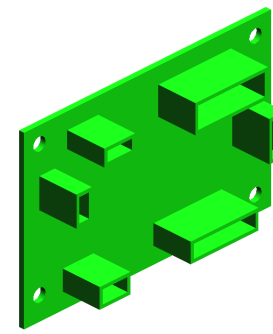
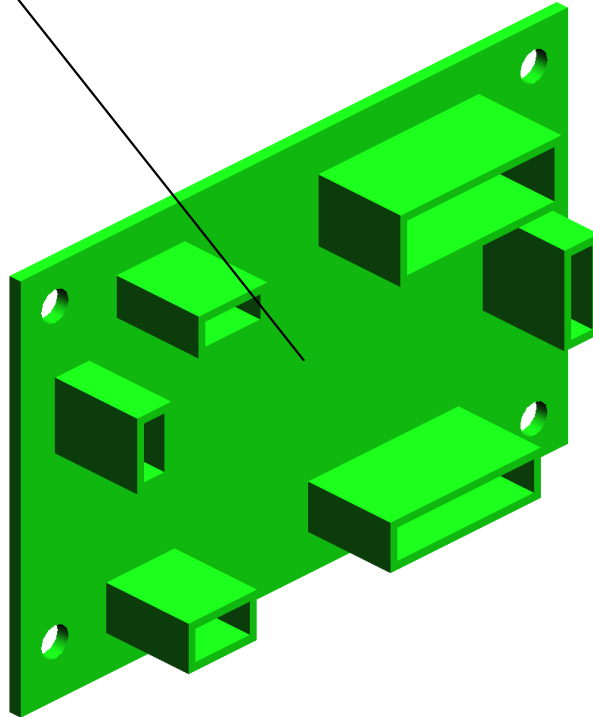
M4062501

[A] PAPER TRAY:500TYPE:ASS'Y

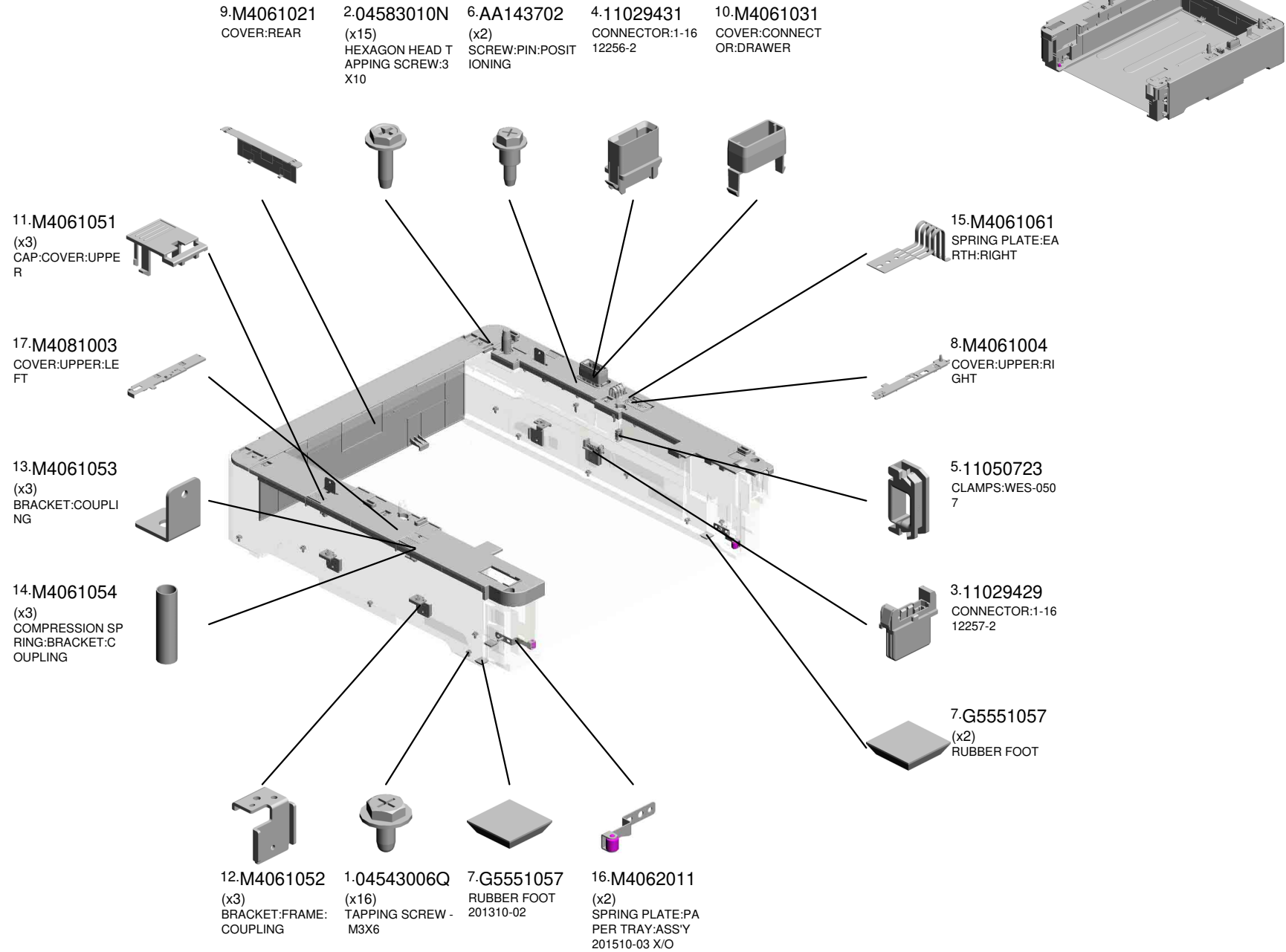
201705-01 X/O

U002  
ELECTRICAL

1:M4065101  
PCB:MAIN CONTR  
OL:ASS'Y



# U003 MAIN FRAME



## Exclusive Parts

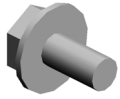
| Number   | Part Name                                    | Group     | ID |
|----------|----------------------------------------------|-----------|----|
| A2672869 | GEAR - 16Z                                   | U001_S001 | 15 |
| AA080254 | BUSHING - M4                                 | U001      | 16 |
| AA082173 | PLAIN SHAFT BEARING:6X10X6                   | U001      | 17 |
| AA143702 | SCREW:PIN:POSITIONING                        | U003      | 6  |
| AW020198 | PHOTOINTERRUPTOR:LG2A14NL1                   | U001      | 18 |
| B2234559 | DRIVEN ROLLER:DIA16                          | U001      | 19 |
| G0292657 | COMPRESSION SPRING                           | U001      | 20 |
| G0523103 | PAPER FEED ROLLER                            | U001      | 21 |
| G0963071 | PAPER TRAY ARM                               | U001_S001 | 22 |
| G3993210 | PUSH SWITCH - PAPER SIZE                     | U001      | 23 |
| G5551057 | RUBBER FOOT                                  | U003      | 7  |
| G5553127 | FEELER SPRING                                | U001      | 24 |
| GF013001 | BOTTOM PLATE PAD                             | U001_S001 | 25 |
| GX062148 | DC BRUSHLESS MOTOR:TRANSF<br>ER:15W          | U001      | 26 |
| GX202130 | ELECTROMAGNETIC CLUTCH:PA<br>PER FEED:0.45NM | U001      | 27 |
| GX202140 | ELECTROMAGNETIC CLUTCH:TR<br>ANSPORT         | U001      | 28 |
| M0472763 | KNOB:COIL SPRING:PAPER TRAY                  | U001_S001 | 29 |
| M1092559 | PLAIN SHAFT BEARING:ASS'Y                    | U001      | 30 |
| M1092621 | STAY:END FENCE                               | U001_S001 | 31 |
| M3663522 | GEAR:EXIT:COUPLING:Z20                       | U001      | 32 |
| M4061004 | COVER:UPPER:RIGHT                            | U003      | 8  |
| M4061021 | COVER:REAR                                   | U003      | 9  |
| M4061031 | COVER:CONNECTOR:DRAWER                       | U003      | 10 |
| M4061051 | CAP:COVER:UPPER                              | U003      | 11 |
| M4061052 | BRACKET:FRAME:COUPLING                       | U003      | 12 |
| M4061053 | BRACKET:COUPLING                             | U003      | 13 |
| M4061054 | COMPRESSION SPRING:BRACKE<br>T:COUPLING      | U003      | 14 |
| M4061061 | SPRING PLATE:EARTH:RIGHT                     | U003      | 15 |
| M4061451 | LABEL:PAPER TRAY:OPERATE:1                   | U001      | 33 |
| M4061452 | LABEL:PAPER TRAY:OPERATE:2                   | U001      | 34 |
| M4061453 | LABEL:PAPER FEED PRESSURE:O<br>PERATE        | U001      | 35 |
| M4061458 | GEAR:DRIVE:MIDDLE:Z40                        | U001      | 36 |

| Number   | Part Name                                            | Group     | ID |
|----------|------------------------------------------------------|-----------|----|
| M4062008 | FRONT PAPER TRAY                                     | U001_S001 | 83 |
| M4062011 | SPRING PLATE:PAPER TRAY:ASS'<br>Y                    | U003      | 16 |
| M4062503 | PAPER TRAY:500TYPE:ASS'Y                             | U001_S001 | 86 |
| M4062515 | STOPPER:DIAL                                         | U001      | 37 |
| M4062516 | LEVER:DIAL:PAPER SIZE SENSOR                         | U001      | 38 |
| M4062517 | DIAL:PAPER SIZE SENSOR:EXP                           | U001      | 39 |
| M4062522 | COMPRESSION SPRING:SEPARAT<br>ION                    | U001_S001 | 41 |
| M4062528 | DECAL:PAPER SIZE SENSOR:EXP                          | U001      | 42 |
| M4062529 | GRIP:COVER:FRONT                                     | U001      | 43 |
| M4062531 | COVER:FRONT:PAPER TRAY                               | U001      | 44 |
| M4062552 | COVER:PAPER FEED UNIT                                | U001      | 47 |
| M4062553 | HOUSING:PAPER FEED UNIT                              | U001      | 46 |
| M4062555 | SHAFT:PAPER FEED ROLLER                              | U001      | 48 |
| M4062556 | SPRING PLATE:EARTH:TRAY BOT<br>TOM PLATE             | U001      | 49 |
| M4062558 | GUIDE:TRAILING EDGE                                  | U001      | 50 |
| M4062559 | COMPRESSION SPRING:DRIVEN<br>ROLLER                  | U001      | 51 |
| M4062598 | HOLDER:COIL SPRING:BASE                              | U001_S001 | 52 |
| M4062601 | TRAY BOTTOM PLATE                                    | U001_S001 | 53 |
| M4062603 | TENSION SPRING:PAPER FEED P<br>RESSURE               | U001_S001 | 54 |
| M4062606 | LEVER:PAPER VOLUME SENSOR                            | U001_S001 | 55 |
| M4062608 | HOLDER:PINION                                        | U001_S001 | 56 |
| M4062612 | COMPRESSION SPRING:PAPER F<br>EED PRESSURE:AUXILIARY | U001_S001 | 87 |
| M4062625 | RETAINER:PINION                                      | U001_S001 | 61 |
| M4062628 | COVER:FRICTION PAD                                   | U001_S001 | 60 |
| M4062629 | HOLDER:FRICTION PAD                                  | U001_S001 | 85 |
| M4062630 | FRICTION PAD:ADHESION                                | U001_S001 | 58 |
| M4062751 | ROLLER:MIDDLE:DRIVE                                  | U001      | 62 |
| M4062757 | BUSHING:ROLLER:MIDDLE                                | U001      | 63 |
| M4062786 | SHAFT:IDLER:PULLEY:6                                 | U001      | 64 |
| M4062791 | SHAFT                                                | U001      | 65 |
| M4062795 | GEAR:Z48:Z7                                          | U001      | 67 |
| M4062796 | GEAR:5:Z27                                           | U001      | 68 |

## Exclusive Parts

| Number          | Part Name                                  | Group       | ID        |
|-----------------|--------------------------------------------|-------------|-----------|
| M4062799        | GEAR:6                                     | U001        | 69        |
| M4062807        | GEAR:IDLER:SMALL:GATE                      | U001        | 71        |
| M4062821        | GEAR:DRIVE:MIDDLE                          | U001        | 72        |
| M4062823        | GEAR:Z17                                   | U001        | 73        |
| M4062824        | PLATE:GEAR:PULLEY                          | U001        | 70        |
| M4062840        | END FENCE:500TYPE:ASS'Y                    | U001_S001   | 74        |
| M4062848        | GEAR:IDLER:Z21:Z14                         | U001        | 75        |
| M4062850        | SIDE FENCE:RIGHT:500TYPE:ASS'Y             | U001_S001   | 76        |
| M4062860        | SIDE FENCE:LEFT:500TYPE:ASS'Y              | U001_S001   | 77        |
| M4063119        | FEELER:TRANSPORT SENSOR                    | U001        | 78        |
| M4063120        | FEELER:PAPER END SENSOR                    | U001        | 79        |
| M4065101        | PCB:MAIN CONTROL:ASS'Y                     | U002        | 1         |
| M4081003        | COVER:UPPER:LEFT                           | U003        | 17        |
| M4082679        | TENSION SPRING:TRANSPORT SUB-UNIT:COUPLING | U001        | 80        |
| <b>M4082795</b> | <b>GEAR:TRANSPORT:Z27:Z27:PRESS FIT</b>    | <b>U001</b> | <b>66</b> |
| M4082798        | HOLDER:GEAR                                | U001        | 81        |
| M4082802        | DOUBLE GEAR - 17Z & 26Z                    | U001        | 82        |

## Standard Parts



03603006N  
SCREW - M3X6



04543006Q  
TAPPING SCREW - M3X6



04583010N  
HEXAGON HEAD TAPPING SCREW:3X10



04593010N  
BINDING HEAD TAPPING SCREW:3X10



07200030E  
RETAINING RING - M3



07200040E  
RETAINING RING - M4



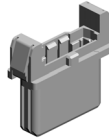
07413706  
BALL BEARING:DIA6XDIA10X3



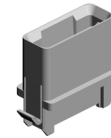
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RETAINING RING - M4



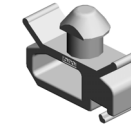
08050092  
RETAINING RING - 3M



11029429  
CONNECTOR:1-1612257-2



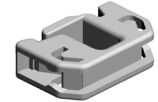
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CONNECTOR:1-1612256-2



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HARNESS CLAMP - LWS-0306ZC



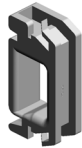
11050551  
CLAMP:LES-0505



11050692  
CLAMP:LES-0503



11050717  
CLAMP:JDW-1S



11050723  
CLAMPS:WES-0507

## 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 |        |            |
| 202003-01 | 2003 Modification | -   | M4082794 | GEAR:TRANSPORT:Z27:Z27:PRESS FIT                 | M4082795 | GEAR:TRANSPORT:Z27:Z27:PRESS FIT                 | U001      | 66 | 3    | X/O      |     |        |            |
| 201803-01 | 1803 Modification | -   | M4062611 | COMPRESSION SPRING:PAPER FEED PRESSURE:AUXILIARY | M4062612 | COMPRESSION SPRING:PAPER FEED PRESSURE:AUXILIARY | U001_S001 | 87 | 2    | O/O      |     |        |            |
| 201705-01 | 1705 Modification | -   | M4062501 | PAPER TRAY:500TYPE:ASS'Y                         | M4062503 | PAPER TRAY:500TYPE:ASS'Y                         | U001_S001 | 86 | 1    | X/O      |     |        |            |
| 201601-01 | 1601 Modification | -   | M4062621 | FRICTION PAD:ADHESION                            | M4062630 | FRICTION PAD:ADHESION                            | U001_S001 | 58 | 1    | X/O      |     |        |            |
| 201512-01 | 1512 Modification | -   | M4062530 | COVER:FRONT:PAPER TRAY                           | M4062531 | COVER:FRONT:PAPER TRAY                           | U001      | 44 | 1    | X/O      |     |        |            |
| 201510-02 | 1510 Modification | -   | M4062551 | HOUSING:PAPER FEED UNIT                          | M4062553 | HOUSING:PAPER FEED UNIT                          | U001      | 46 | 1    | X/O      |     |        |            |
| 201510-03 | 1510 Modification | -   | M4062010 | SPRING PLATE:PAPER TRAY:ASS'Y                    | M4062011 | SPRING PLATE:PAPER TRAY:ASS'Y                    | U003      | 16 | 1    | X/O      |     |        |            |
|           |                   |     | M4062010 | SPRING PLATE:PAPER TRAY:ASS'Y                    | M4062011 | SPRING PLATE:PAPER TRAY:ASS'Y                    | U003      | 16 | 1    | X/O      |     |        |            |
| 201507-01 | 1507 Modification | -   | M4062804 | PLATE:GEAR:PULLEY                                | M4062824 | PLATE:GEAR:PULLEY                                | U001      | 70 | 1    | X/O      |     |        |            |
| 201507-02 | 1507 Modification | -   | M4062627 | HOLDER:FRICTION PAD                              | M4062629 | HOLDER:FRICTION PAD                              | U001_S001 | 85 | 1    | X/O      |     |        |            |
| 201503-01 | 1503 Modification | -   | M4062560 | PAPER TRAY ASS'Y                                 | M4062501 | PAPER TRAY:500TYPE:ASS'Y                         | U001      | 84 | 1    | O/O      |     |        |            |
| 201404-01 | 1404 Modification | -   | M4062540 | SHEET:HOLDER:PAPER TRAY                          |          |                                                  | U001_S001 | 45 | 1    |          |     |        |            |
| 201403-01 | 1403 Modification | A   | M4062623 | HOLDER:FRICTION PAD                              | M4062627 | HOLDER:FRICTION PAD                              | U001_S001 | 59 | 1    | X/X      |     |        |            |

## 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 |        |            |
|           |                   |     |          | ON PAD                       |          | ON PAD                                   |           |    |      |          |     |        |            |
| 201403-02 | 1403 Modification | A   | M4062624 | COVER:FRICTIO<br>N PAD       | M4062628 | COVER:FRICTIO<br>N PAD                   | U001_S001 | 60 | 1    | X/X      |     |        |            |
| 201312-03 | 1312 Modification | -   | M4062794 | GEAR:3:Z27:Z27               | M4082794 | GEAR:TRANSP<br>ORT:Z27:Z27:PRE<br>SS FIT | U001      | 66 | 3    | X/O      |     |        |            |
| 201312-01 | 1312 Modification | -   |          |                              | M4062007 | PAPER TRAY:FR<br>ONT:500TYPE             |           |    |      |          |     |        |            |
| 201312-02 | 1312 Modification | -   | M4062007 | PAPER TRAY:FR<br>ONT:500TYPE | M4062008 | FRONT PAPER T<br>RAY                     | U001_S001 | 83 | 1    |          |     |        |            |
| 201310-01 | 1310 Modification | -   | M4062520 | PAPER TRAY:AS<br>S'Y         | M4062560 | PAPER TRAY AS<br>S'Y                     | U001      | 40 | 1    | X/O      |     |        |            |
| 201310-02 | 1310 Modification | -   |          |                              | G5551057 | RUBBER FOOT                              | U003      | 7  | 1    |          |     |        |            |

