

**PEX-1121/ PEX-1131/ PEX-1161 series**  
**PEX-1221/ PEX-1231/ PEX-1261 series**

## **THERMAL TRANSFER / DIRECT THERMAL PRINT ENGINE**

### **Parts List**

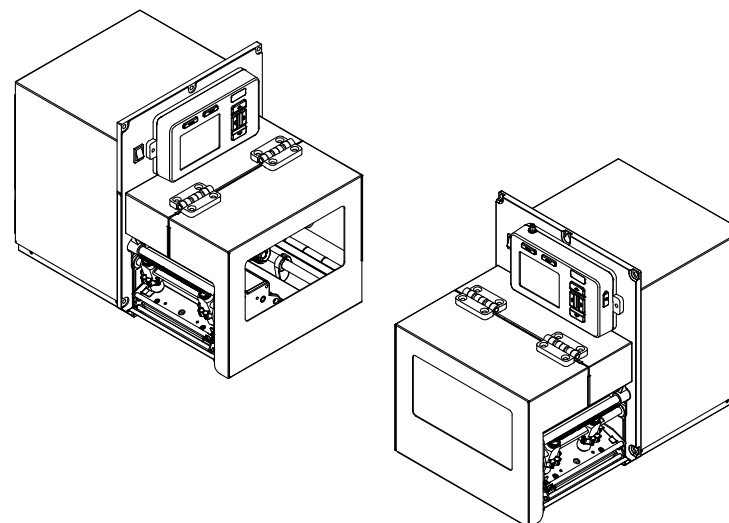


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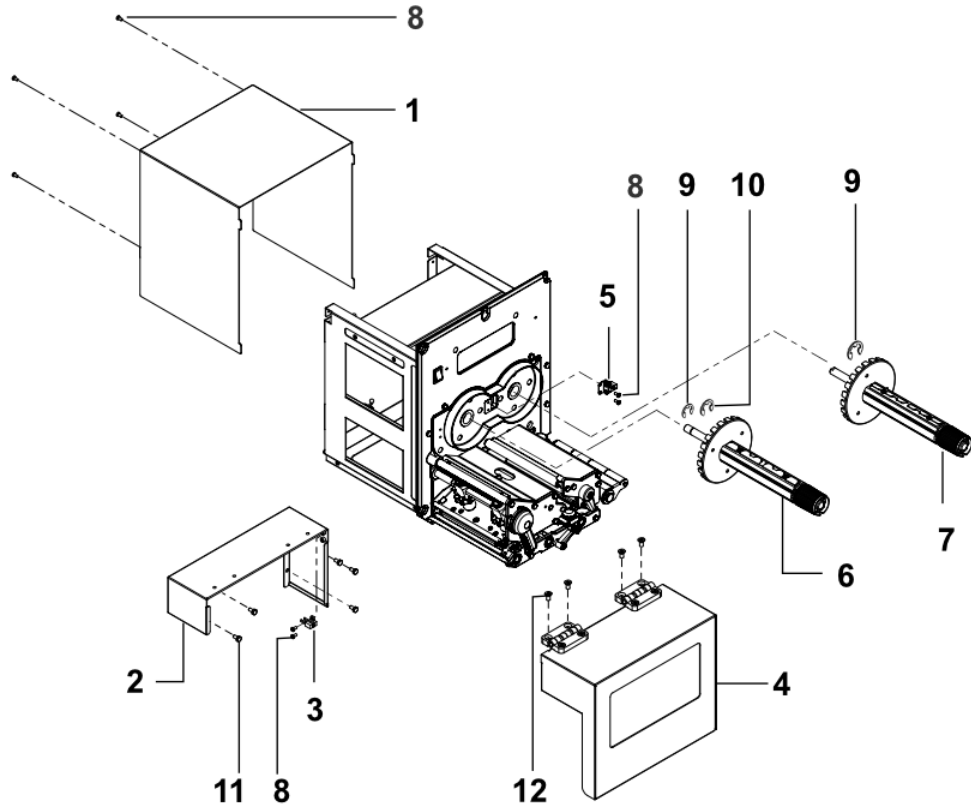
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# Part List

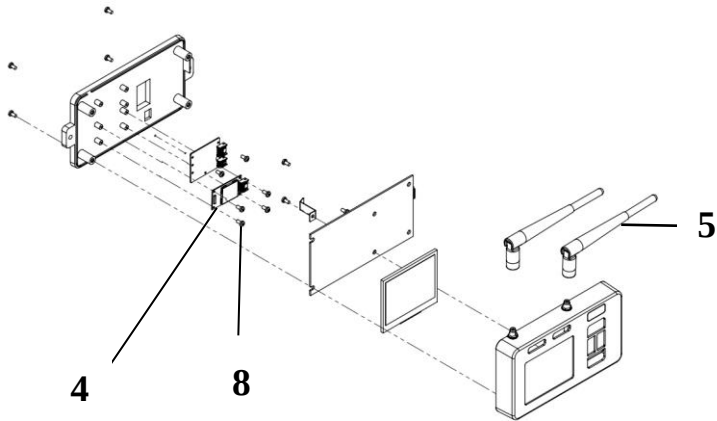
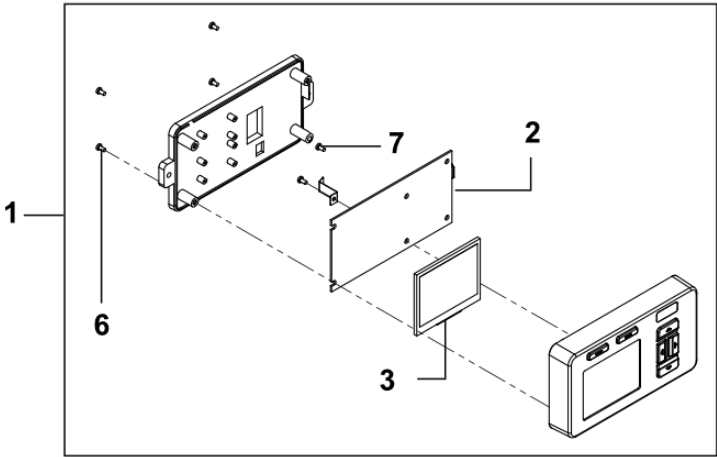
## 1. Print Engine Covers & Ribbon Spindles



| No. | Part No.         | Description                               | Remark                  | Spare parts |
|-----|------------------|-------------------------------------------|-------------------------|-------------|
| 1   | SP-PEX-1001-0001 | ELECTRONIC COVER                          | 1 pc                    |             |
| 2   | SP-PEX-1001-0002 | ENGINE COVER<br>(FOR PEX-1101 SERIES)     | 1 pc                    |             |
|     | SP-PEX-1001-0003 | ENGINE COVER<br>(FOR PEX-1201 SERIES)     | 1 pc                    |             |
| 3   | SP-PEX-1001-0004 | MEDIA COVER OPEN<br>SENSOR                | 1 set<br>(MOQ 5<br>pcs) | 1%          |
| 4   | SP-PEX-1001-0005 | MEDIA COVER ASSY (FOR<br>PEX-1101 SERIES) | 1 set                   |             |
|     | SP-PEX-1001-0006 | MEDIA COVER ASSY (FOR<br>PEX-1201 SERIES) | 1 set                   |             |
| 5   | SP-PEX-1001-0007 | RIBBON ENCODER SENSOR<br>ASSY             | 1 set<br>(MOQ 5<br>pcs) | 1%          |
| 6   | SP-PEX-1001-0008 | RIBBON REWIND SPINDLE<br>ASSY             | 1 set                   | 1%          |
| 7   | SP-PEX-1001-0009 | RIBBON SUPPLY SPINDLE<br>ASSY             | 1 set                   | 1%          |
| 8*  | --               | MACHINE SCREW, M3*6                       | 8 pcs                   |             |
| 9*  | --               | E-RING, ID6*OD12*T0.8                     | 2 pcs                   |             |
| 10* | --               | E-RING, ID8*OD16*T0.8                     | 1 pc                    |             |
| 11* | --               | MACHINE SCREW, M4*8                       | 5 pcs                   |             |
| 12* | --               | MACHINE SCREW, M5*12                      | 4 pcs                   |             |

**\*NOTE: Available only in Hardware Field Kit (P/N: SP-PEX-1001-0049)**

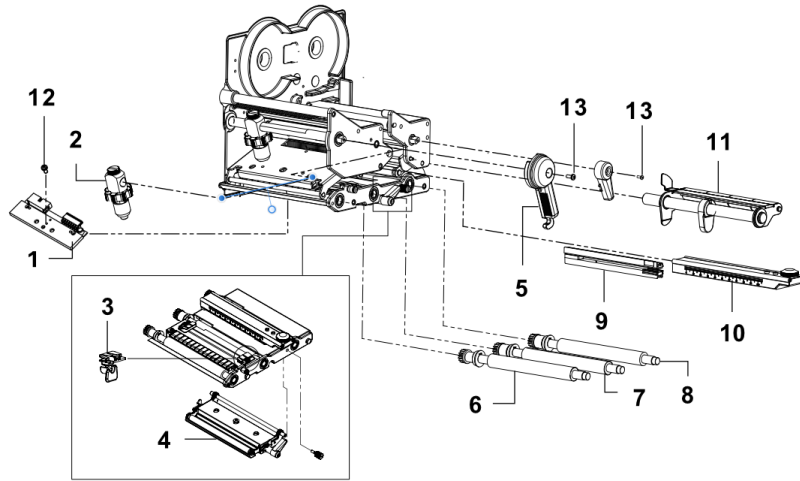
2. LCD panel ASSY



| No. | Part No.         | Description                    | Remark | Spare parts |
|-----|------------------|--------------------------------|--------|-------------|
| 1   | SP-PEX-1001-0010 | LCD PANEL ASSY                 | 1 set  | 1%          |
| 2   | SP-PEX-1001-0011 | PANEL CONTROL BOARD            | 1 pc   | 1%          |
| 3   | SP-PEX-1001-0012 | LCD PANEL MODULE               | 1 pc   | 5%          |
| 4   | SP-PEX-1001-0013 | MFI BT MODULE (FACTORY OPTION) | 1 pc   | 1%          |
| 5   | SP-PEX-1001-0014 | WIFI ANTENNA                   | 2 pc   | 1%          |
| 6*  | --               | SELF-TAPPING SCREW, TP3*6      | 4 pcs  |             |
| 7*  | --               | SELF-TAPPING SCREW, TP3*5      | 2 pcs  |             |
| 8*  | --               | SELF-TAPPING SCREW, TP2*4      | 4 pcs  |             |

**\*NOTE:** Available only in Hardware Field Kit (P/N: SP-PEX-1001-0049)

### 3-1 Media Side Assemblies (1-9)

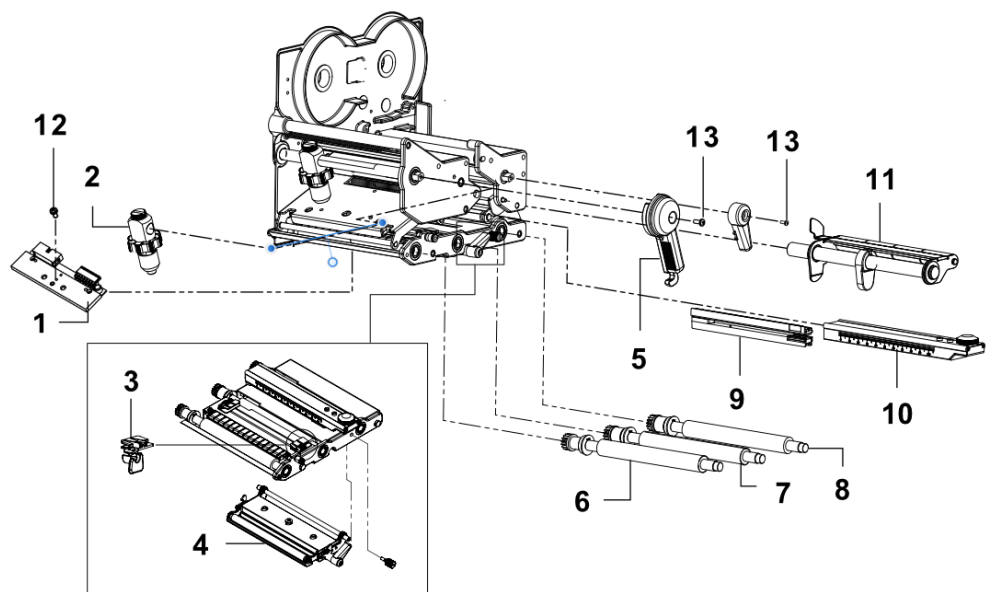


| No. | Part No.         | Description                                  | Remark | Spare parts |
|-----|------------------|----------------------------------------------|--------|-------------|
| 1   | PH-PEX-1001-0001 | PRNTHD ASSY, PEX-1121/PEX-1221               | 1 set  | 5%          |
|     | PH-PEX-1001-0002 | PRNTHD ASSY, PEX-1131/PEX-1231               | 1 set  | 5%          |
|     | PH-PEX-1001-0003 | PRNTHD ASSY, PEX-1161/PEX-1261               | 1 set  | 5%          |
|     | PH-PEX-1001-0004 | PRNTHD ASSY, PEX-1121/PEX-1221 (ALTERNATIVE) | 1 set  | 5%          |
|     | PH-PEX-1001-0005 | PRNTHD ASSY, PEX-1131/PEX-1231 (ALTERNATIVE) | 1 set  | 5%          |
|     | PH-PEX-1001-0006 | PRNTHD ASSY, PEX-1161/PEX-1261 (ALTERNATIVE) | 1 set  | 5%          |

|     |                  |                                                     |       |    |
|-----|------------------|-----------------------------------------------------|-------|----|
| N/S | SP-PEX-1001-0018 | TPH HARNESS                                         | 1 pc  | 1% |
| 2   | SP-PEX-1001-0019 | PRESSURE MECHANISM ASSY                             | 2 set |    |
| 3   | SP-PEX-1001-0020 | PAPER GUIDE (GREEN/ FOR PEX-1101 SERIES)            | 1 set | 1% |
|     | SP-PEX-1001-0021 | PAPER GUIDE (GREEN/ FOR PEX-1201 SERIES)            | 1 set | 1% |
| 4   | SP-PEX-1001-0022 | PEEL-OFF ASSY (FOR PEX-1101 SERIES)                 | 1 set |    |
|     | SP-PEX-1001-0023 | PEEL-OFF ASSY (FOR PEX-1201 SERIES)                 | 1 set |    |
| 4-1 | SP-PEX-1001-0051 | PEEL PLATEN ROLLER ASSY                             | 1 pc  |    |
| 5   | SP-PEX-1001-0024 | PRINT HEAD RELEASE LEVER ASSY (FOR PEX-1101 SERIES) | 1 set | 1% |
|     | SP-PEX-1001-0025 | PRINT HEAD RELEASE LEVER ASSY (FOR PEX-1201 SERIES) | 1 set | 1% |
| 6   | SP-PEX-1001-0026 | PAPER FEED PLATEN ROLLER ASSY                       | 1 set | 3% |
| 7   | SP-PEX-1001-0027 | PEEL-OFF ROLLER ASSY (FOR PEX-1101 SERIES)          | 1 set |    |
|     | SP-PEX-1001-0028 | PEEL-OFF ROLLER ASSY (FOR PEX-1201 SERIES)          | 1 set |    |
| 8   | SP-PEX-1001-0029 | REAR PRESSING PAPER ROLLER (FOR PEX-1101 SERIES)    | 1 set |    |
|     | SP-PEX-1001-0030 | REAR PRESSING PAPER ROLLER (FOR PEX-1201 SERIES)    | 1 set |    |
| 9   | SP-PEX-1001-0031 | MEDIA SENSOR ASSY (FOR PEX-1101 SERIES)             | 1 set | 3% |
|     | SP-PEX-1001-0032 | MEDIA SENSOR ASSY (FOR PEX-1201 SERIES)             | 1 set | 3% |

N/S : Not shown

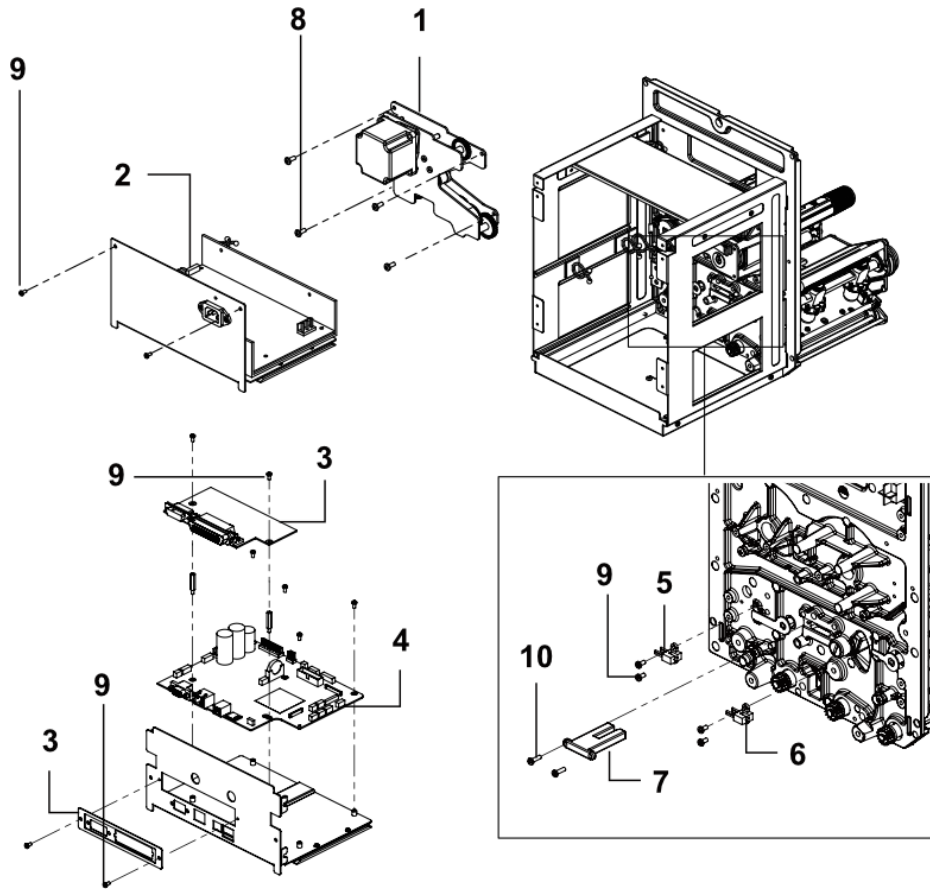
3-2 Media Side Assemblies (10-13)



| No. | Part No.         | Description                                                  | Remark | Spare parts |
|-----|------------------|--------------------------------------------------------------|--------|-------------|
| 10  | SP-PEX-1001-0033 | MEDIA SENSOR ADJUSTMENT MECHANISM ASSY (FOR PEX-1101 SERIES) | 1 set  | 3%          |
|     | SP-PEX-1001-0034 | MEDIA SENSOR ADJUSTMENT MECHANISM ASSY (FOR PEX-1201 SERIES) | 1 set  | 3%          |
| 11  | SP-PEX-1001-0035 | MEDIA DAMPER ASSY (FOR PEX-1101 SERIES)                      | 1 set  |             |
| 12* | --               | MACHINE SCREW, M3*6                                          | 1 pc   |             |
| 13* | --               | SELF-TAPPING SCREW, TP3*8                                    | 2 pcs  |             |

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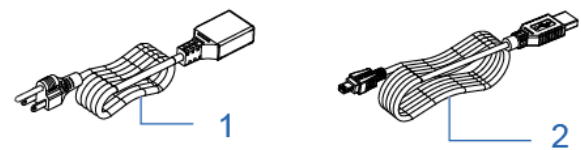
## 4. Electronics Side Assemblies



| No. | Part No.         | Description                                                                                  | Remark               | Spare parts |
|-----|------------------|----------------------------------------------------------------------------------------------|----------------------|-------------|
| 1   | SP-PEX-1001-0037 | STEPPING MOTOR MEDIA DRIVE ASSY (INCLUDING BELT, GEARS, STEPPING MOTOR/ FOR PEX-1101 SERIES) | 1 set                | 1%          |
|     | SP-PEX-1001-0038 | STEPPING MOTOR MEDIA DRIVE ASSY (INCLUDING BELT, GEARS, STEPPING MOTOR/ FOR PEX-1201 SERIES) | 1 set                | 1%          |
| 2   | SP-PEX-1001-0039 | POWER SUPPLY UNIT                                                                            | 1 set                | 5%          |
| 3   | SP-PEX-1001-0040 | GPIO, DB15                                                                                   | 1 set                |             |
| 4   | SP-PEX-1001-0041 | MAIN BOARD ASSY (FOR PEX-1101-SERIES)                                                        | 1 set                | 5%          |
|     | SP-PEX-1001-0042 | MAIN BOARD ASSY (FOR PEX-1201 SERIES)                                                        | 1 set                | 5%          |
| 5   | SP-PEX-1001-0043 | MEDIA GUIDE BAR OPEN SENSOR                                                                  | 1 set<br>(MOQ 5 pcs) | 3%          |
| 6   | SP-PEX-1001-0044 | PRINthead OPEN SENSOR ASSY                                                                   | 1 set<br>(MOQ 5 pcs) | 3%          |
| 7   | SP-PEX-1001-0045 | RIBBON END SENSOR ASSY                                                                       | 1 set<br>(MOQ 5 pcs) | 3%          |
| 8*  | --               | MACHINE SCREW, M4*8                                                                          | 4 pcs                |             |
| 9*  | --               | MACHINE SCREW, M3*6                                                                          | 12 pcs               |             |
| 10* | --               | MACHINE SCREW, 3*10                                                                          | 2 pcs                |             |

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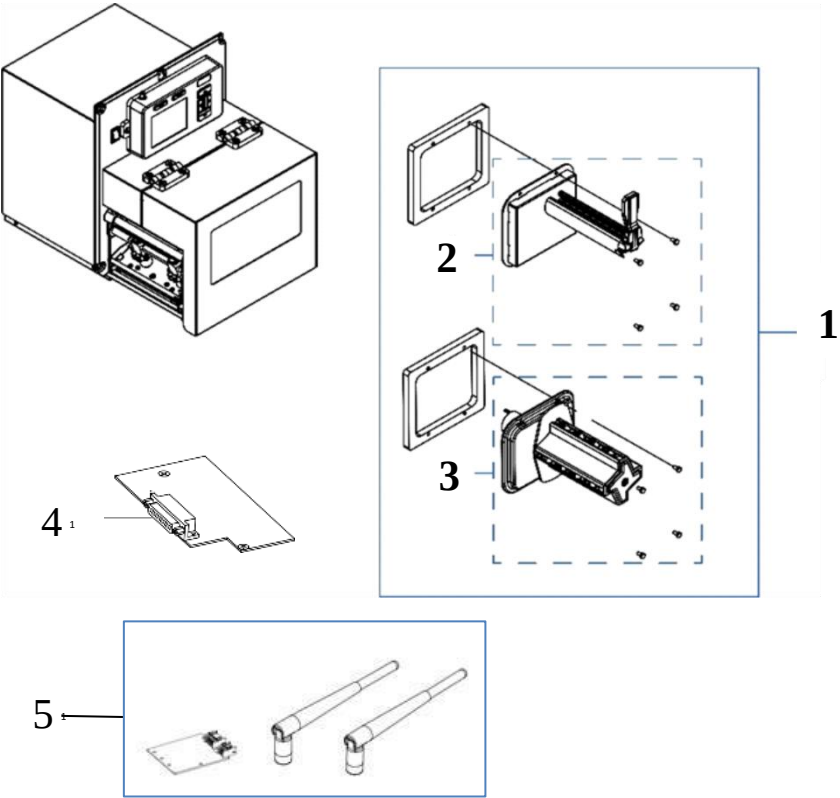
# 5. Accessories



| No. | Part No.         | Description                   | Remark   | Spare parts |
|-----|------------------|-------------------------------|----------|-------------|
| 1   | SP-COM-1001      | POWER CORD, US                | Standard |             |
|     | SP-COM-2001      | POWER CORD, EU 90 DEGREE      | Option   |             |
|     | SP-COM-3001      | POWER CORD, UK                | Option   |             |
|     | SP-COM-4001      | POWER CORD, AU                | Option   |             |
|     | SP-COM-5001      | POWER CORD, JP                | Option   |             |
|     | SP-COM-6001      | POWER CORD, CH                | Option   |             |
|     | SP-COM-A001      | POWER CORD, CN                | Option   |             |
|     | SP-COM-B001      | POWER CORD, BR                | Option   |             |
|     | SP-COM-C001      | POWER CORD, KR                | Option   |             |
|     | SP-COM-H001      | POWER CORD, TW                | Option   |             |
|     | SP-COM-M001      | POWER CORD, MAL_UK            |          |             |
| 2   | SP-COM-0002      | USB CABLE                     | 1 pc     |             |
| N/S | SP-COM-0003      | CLEANING PEN (12PCS/CTN)      | Option   |             |
| N/S | SP-PEX-1001-0049 | FIELD KIT, HARDWARE, PEX-1001 | Option   |             |



6. Options



| No. | Part No.         | Description                                                 | Remark | Spare parts |
|-----|------------------|-------------------------------------------------------------|--------|-------------|
| 1   | OP-PEX-1001-0002 | LABEL SUPPLY AND REWIND SPINDLES ASSY (FOR PEX-1101 SERIES) | Option |             |
|     | OP-PEX-1001-0003 | LABEL SUPPLY AND REWIND SPINDLES ASSY (FOR PEX-1201 SERIES) | Option |             |
| 2   | SP-PEX-1001-0046 | LABEL SUPPLY SPINDLE ASSY                                   | Option |             |
| 3   | SP-PEX-1001-0047 | LABEL REWIND SPINDLE ASSY (FOR PEX-1101 SERIES)             | Option |             |
|     | SP-PEX-1001-0048 | LABEL REWIND SPINDLE ASSY (FOR PEX-1201 SERIES)             | Option |             |
| 4   | OP-PEX-1001-0001 | GPIO, DB25F( FOR SATO EMULATION)                            | Option |             |
| 5   | WF-PEX-1001-1001 | Internal Wi-Fi & BT COMBO MODULE-US                         | 1 pc   | 2%          |
|     | WF-PEX-1001-2001 | Internal Wi-Fi & BT COMBO MODULE-EU                         |        |             |
|     | WF-PEX-1001-4001 | Internal Wi-Fi & BT COMBO MODULE-AU                         |        |             |
|     | WF-PEX-1001-5001 | Internal Wi-Fi & BT COMBO MODULE-JP                         |        |             |
|     | WF-PEX-1001-A001 | Internal Wi-Fi & BT COMBO MODULE-CN                         |        |             |

## Update History

| Date       | Content                                                                                                                                                                                                                                                                            | Editor |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 2021/09/02 | Modify:<br>{SP-PEX-1001-0015,PRINTHD, 200} to {PH-PEX-1001-0001, PRNTHD ASSY, PEX-1121/PEX-1221}<br>{SP-PEX-1001-0016,PRINTHD, 300} to {PH-PEX-1001-0002, PRNTHD ASSY, PEX-1131/PEX-1231}<br>{SP-PEX-1001-0017,PRINTHD, 600} to {PH-PEX-1001-0003, PRNTHD ASSY, PEX-1161/PEX-1261} | Linda  |
| 2021/11/25 | Add SP-PEX-1001-0051,PEEL PLATEN ROLLER ASSY into part list                                                                                                                                                                                                                        | Linda  |
| 2022/2/8   | Add:<br>PH-PEX-1001-0004, PRNTHD ASSY, PEX-1121/PEX-1221 (ALTERNATIVE)<br>PH-PEX-1001-0005, PRNTHD ASSY, PEX-1131/PEX-1231 (ALTERNATIVE)<br>PH-PEX-1001-0006, PRNTHD ASSY, PEX-1161/PEX-1261 (ALTERNATIVE)                                                                         | Linda  |
| 2022/5/4   | Modify Option items picture (Internal Wi-Fi & BT COMBO MODULE)                                                                                                                                                                                                                     | Linda  |



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