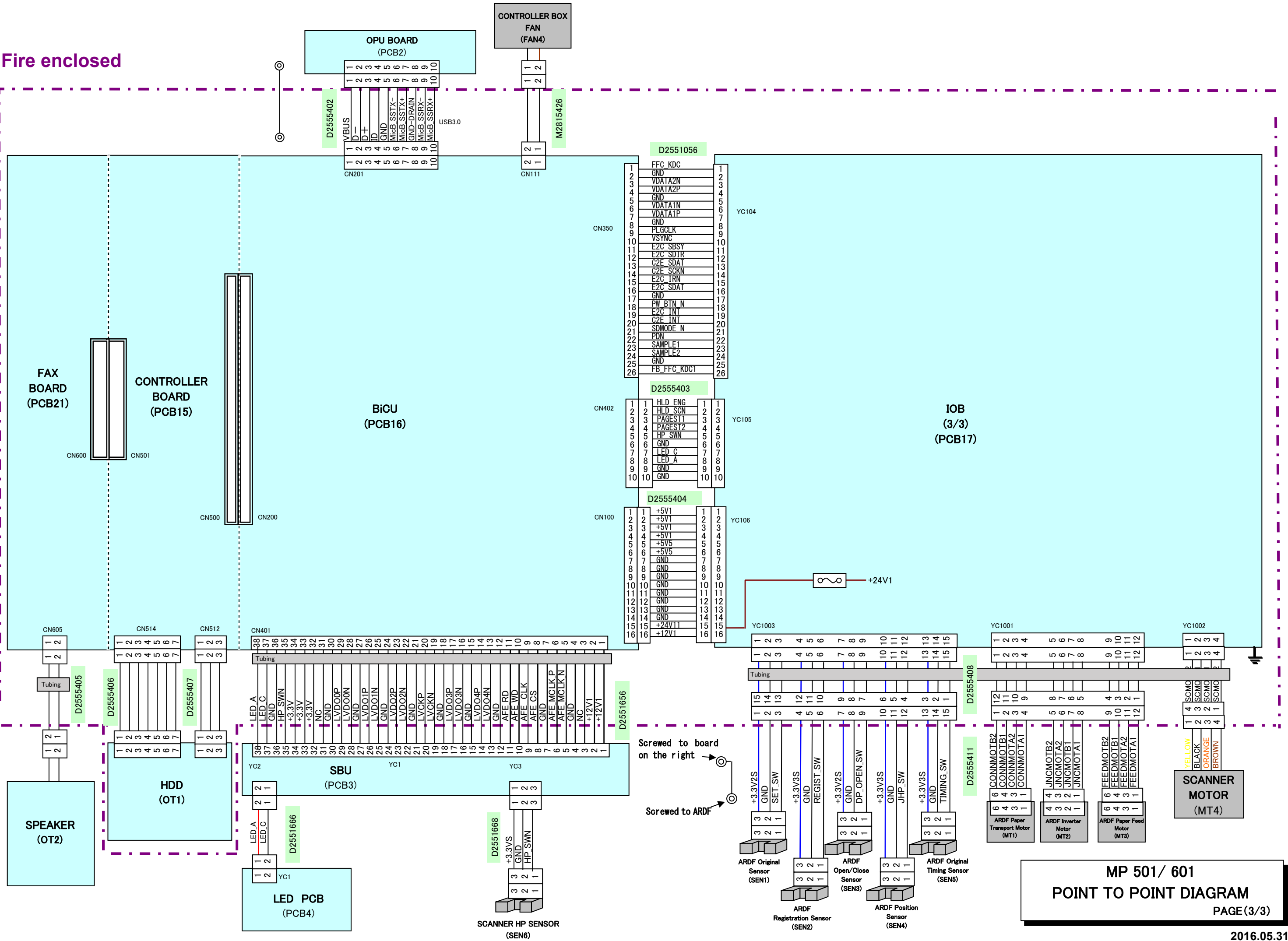


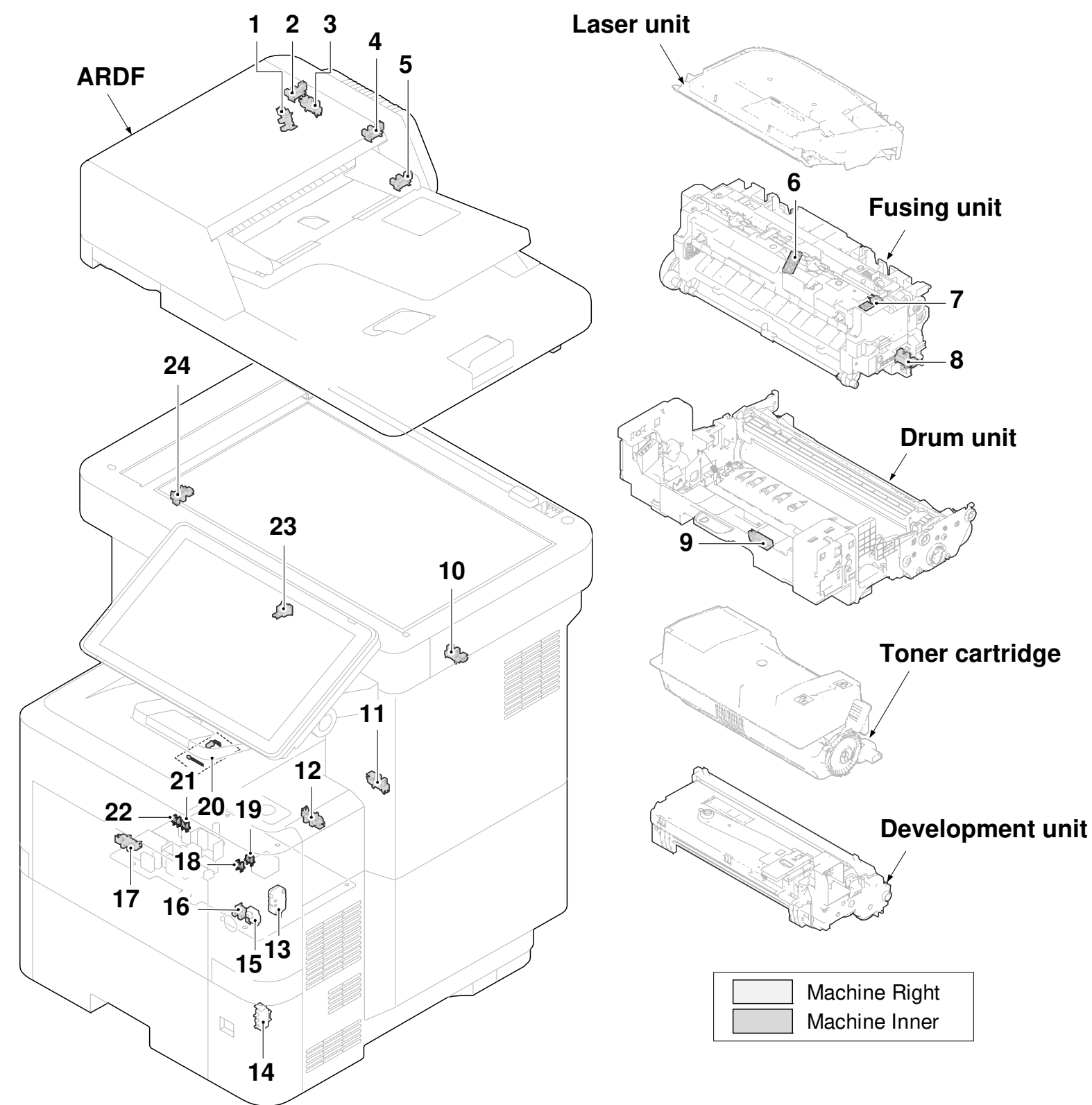




Fire enclosed



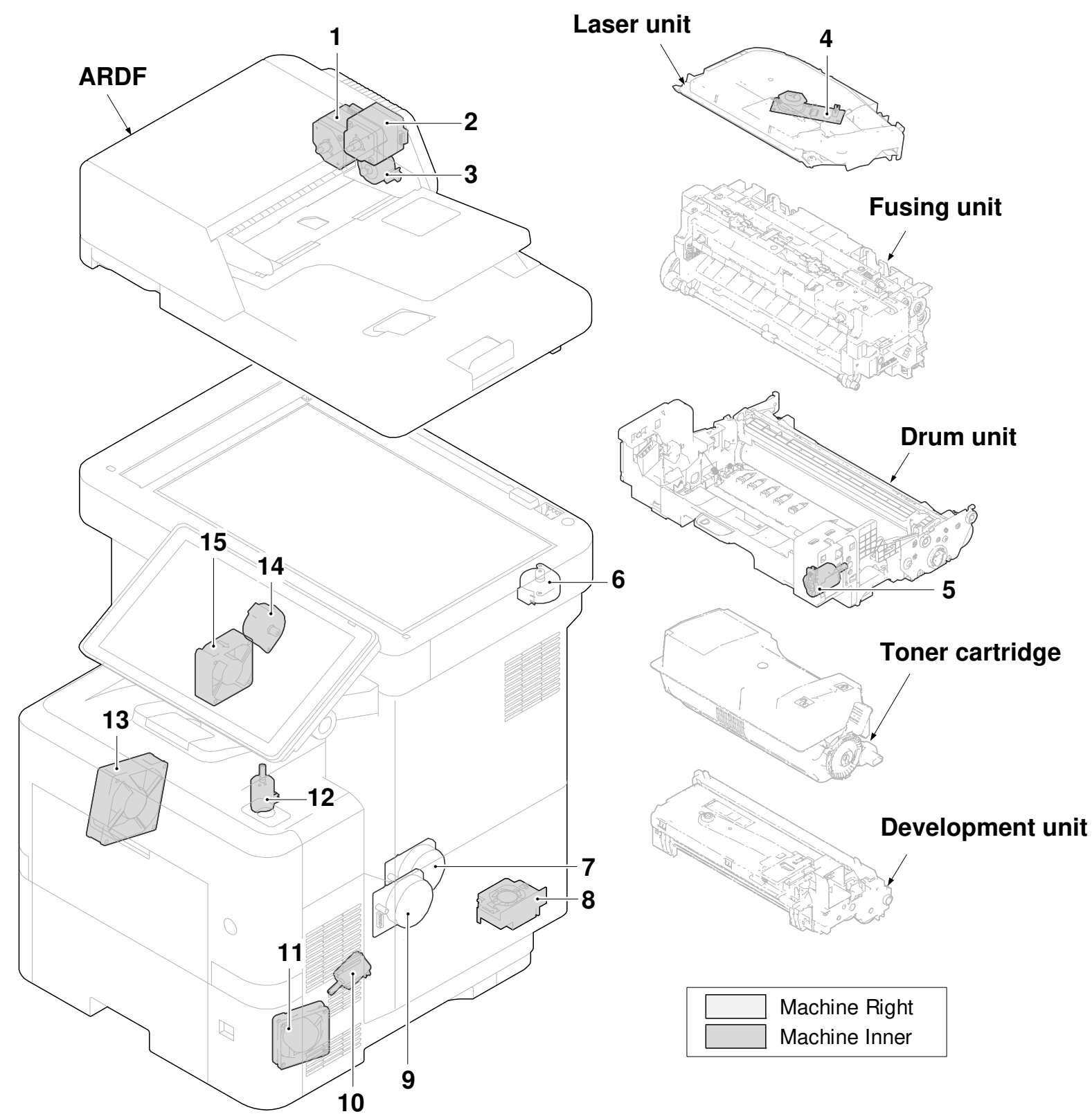
# MP 501/601 Component Layout (1/4)



| Symbol          | Layout   | Part Name                    |
|-----------------|----------|------------------------------|
| <b>Sensors</b>  |          |                              |
| SEN1            | Fig.1-4  | ARDF Original Sensor         |
| SEN2            | Fig.1-1  | ARDF Registration Sensor     |
| SEN3            | Fig.1-3  | ARDF Open/Close Sensor       |
| SEN4            | Fig.1-5  | ARDF Position Sensor         |
| SEN5            | Fig.1-2  | ARDF Original Timing Sensor  |
| SEN6            | Fig.1-24 | Scanner HP Sensor            |
| SEN7            | Fig.1-16 | Paper Feed Tray Limit Sensor |
| SEN8            | Fig.1-10 | Paper Exit Full Sensor       |
| SEN9            | Fig.1-17 | Bypass Paper End Sensor      |
| SEN10           | Fig.1-12 | Envelope Sensor              |
| SEN11           | Fig.1-21 | Paper End Sensor 1           |
| SEN12           | Fig.1-22 | Paper End Sensor 2           |
| SEN13           | Fig.1-9  | Registration Sensor 1        |
| SEN14           | Fig.1-18 | Registration Sensor 2        |
| SEN15           | Fig.1-8  | Fusing Sensor                |
| SEN16           | Fig.1-11 | Duplex Sensor 1              |
| SEN17           | Fig.1-19 | Duplex Sensor 2              |
| SEN18           | Fig.1-20 | Waste Toner Full Sensor      |
| <b>Switches</b> |          |                              |
| SW1             | Fig.1-23 | Rear Cover Switch            |
| SW2             | Fig.1-14 | Paper Feed Tray Size Switch  |
| SW3             | Fig.1-13 | Interlock Switch             |
| <b>PCBs</b>     |          |                              |
| PCB1            | Fig.1-15 | Main Power Switch PCB        |

Fig.1

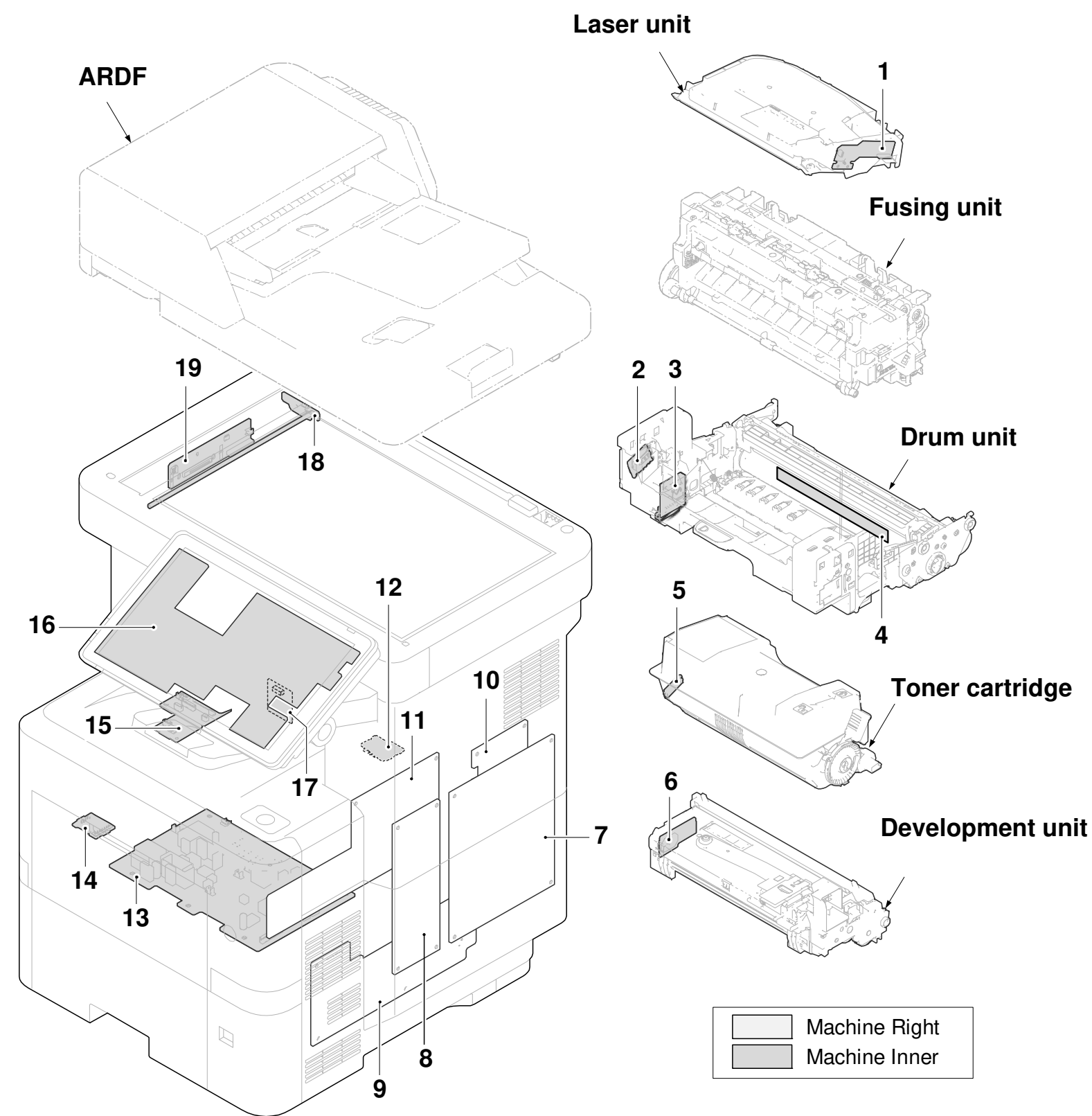
# MP 501/601 Component Layout (2/4)



| Symbol            | Layout   | Part Name                     |
|-------------------|----------|-------------------------------|
| <b>Motors</b>     |          |                               |
| MT1               | Fig.2-1  | ARDF Paper Transport Motor    |
| MT2               | Fig.2-3  | ARDF Inverter Motor           |
| MT3               | Fig.2-2  | ARDF Paper Feed Motor         |
| MT4               | Fig.2-6  | Scanner Motor                 |
| MT5               | Fig.2-4  | Polygon Motor                 |
| MT6               | Fig.2-7  | Drum Motor                    |
| MT7               | Fig.2-5  | Toner Supply Motor            |
| MT8               | Fig.2-10 | Paper Feed Tray Lift Motor    |
| MT9               | Fig.2-12 | Fusing Pressure Release Motor |
| MT10              | Fig.2-14 | Paper Exit Motor              |
| MT11              | Fig.2-9  | Main Motor                    |
| <b>Fan Motors</b> |          |                               |
| FAN1              | Fig.2-15 | Laser Fan                     |
| FAN2              | Fig.2-13 | Development Fan               |
| FAN3              | Fig.2-11 | PSU Fan                       |
| FAN4              | Fig.2-8  | Controller Box Fan            |

Fig.2

# MP 501/601 Component Layout (3/4)

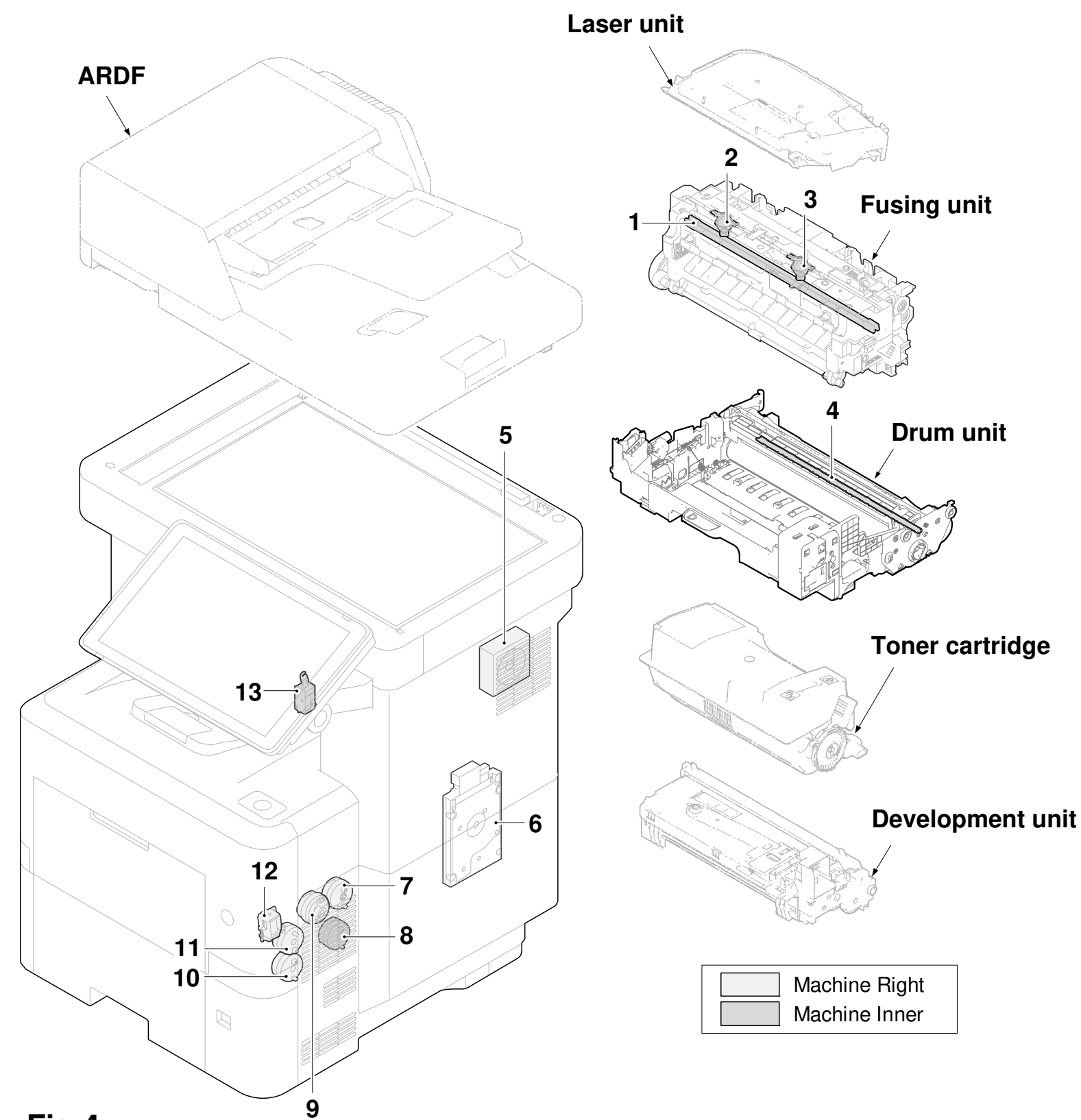


| Symbol      | Layout   | Part Name                         |
|-------------|----------|-----------------------------------|
| <b>PCBs</b> |          |                                   |
| PCB2        | Fig.3-16 | OPU Board                         |
| PCB3        | Fig.3-19 | SBU                               |
| PCB4        | Fig.3-18 | LED PCB                           |
| PCB5        | Fig.3-1  | LDB                               |
| PCB6        | Fig.3-5  | Toner Cartridge PCB               |
| PCB7        | Fig.3-2  | Toner Cartridge Connection PCB    |
| PCB8        | Fig.3-6  | Toner Density Sensor PCB          |
| PCB9        | -        | Eraser PCB                        |
| PCB10       | Fig.3-3  | Drum PCB                          |
| PCB11       | Fig.3-14 | Drum Connection PCB               |
| PCB12       | Fig.3-4  | Drum Heater PCB (Asia Only)       |
| PCB13       | Fig.3-12 | Thermostat Connection PCB         |
| PCB14       | Fig.3-17 | Thermistor Connection PCB         |
| PCB15       | Fig.3-7  | Controller Board                  |
| PCB16       | Fig.3-8  | BiCU                              |
| PCB17       | Fig.3-11 | IOB                               |
| PCB18       | Fig.3-9  | PSU                               |
| PCB19       | Fig.3-13 | Power Pack                        |
| PCB20       | Fig.3-15 | Connect-Left PCB                  |
| PCB21       | Fig.3-10 | Fax Board                         |
| PCB22       | -        | Toner Motor PCB                   |
| PCB23       | -        | Fusing Pressure Release Motor PCB |
| PCB24       | -        | Paper Feed Tray Lift Motor PCB    |

Fig.3



# MP 501/601 Component Layout (4/4)



| Symbol             | Layout   | Part Name                    |
|--------------------|----------|------------------------------|
| <b>Clutches</b>    |          |                              |
| CL1                | Fig.4-8  | Duplex Clutch                |
| CL2                | Fig.4-11 | Transport Clutch             |
| CL3                | Fig.4-9  | Registration Clutch          |
| CL4                | Fig.4-10 | Paper Feed Clutch            |
| CL5                | Fig.4-7  | Development Clutch           |
| <b>Solenoids</b>   |          |                              |
| SOL1               | Fig.4-13 | Inverter Solenoid            |
| SOL2               | Fig.4-12 | Bypass Solenoid              |
| <b>Lamp</b>        |          |                              |
| FU1                | Fig.4-1  | Fusing Lamps                 |
| <b>Thermostats</b> |          |                              |
| TS1                | Fig.4-2  | Fusing Thermostat 1 (End)    |
| TS2                | Fig.4-3  | Fusing Thermostat 2 (Center) |
| <b>Others</b>      |          |                              |
| OT1                | Fig.4-6  | HDD                          |
| OT2                | Fig.4-5  | Speaker                      |

Fig.4