

|                                   |                 |               |
|-----------------------------------|-----------------|---------------|
| Model: Trimmer Unit TR5040 (D520) | Date: 14-Jul-11 | No.: RD520001 |
|-----------------------------------|-----------------|---------------|

|   |  |  |  |
|---|--|--|--|
| Subject: Firmware Release Note: Trimmer Unit TR5040 |  | Prepared by: K.Tsutsui                               |  |
| From: PPBG Service Planning Dept.                   |  |  |  |
| Classification:                                     | <input type="checkbox"/> Troubleshooting | <input type="checkbox"/> Part information            | <input type="checkbox"/> Action required         |
|   | <input type="checkbox"/> Mechanical      | <input type="checkbox"/> Electrical                  | <input type="checkbox"/> Service manual revision |
|   | <input type="checkbox"/> Paper path      | <input type="checkbox"/> Transmit/receive            | <input type="checkbox"/> Retrofit information    |
|   | <input type="checkbox"/> Product Safety  | <input checked="" type="checkbox"/> Other (Firmware) | <input checked="" type="checkbox"/> Tier 2       |

This RTB has been issued to announce the firmware release information for the **Trimmer\_Unit**.

| Version   | Program No. | Effective Date      |
|-----------|-------------|---------------------|
| 01.070:05 | D5205510    | 1st Mass production |

| Version   | Modified Points or Symptom Corrected |
|-----------|--------------------------------------|
| 01.070:05 | 1st Mass production                  |

|   |   |  |  |
|---|---|--|--|
| Model: Trimmer Unit TR5020 (D455)       |   | Date: 22-Sept-11   | No.: RD455005  |
| Subject: Adjustment of the trim volume  |   | Prepared by: T. Komori   |  |
| From: PP Service Planning Department 1G |   |  |  |
| Classification:                         | <input type="checkbox"/> Troubleshooting<br><input type="checkbox"/> Mechanical<br><input type="checkbox"/> Paper path<br><input type="checkbox"/> Product Safety | <input checked="" type="checkbox"/> Part information<br><input type="checkbox"/> Electrical<br><input type="checkbox"/> Transmit/receive<br><input type="checkbox"/> Other (     ) | <input type="checkbox"/> Action required<br><input type="checkbox"/> Service manual revision<br><input type="checkbox"/> Retrofit information<br><input type="checkbox"/> Tier 2 |

**Change:** Addition of a part

**Reason:** To adjust the trim volume

| New Part Number | Description                | Q'ty | Page | Index | Note |
|-----------------|----------------------------|------|------|-------|------|
| D4551350        | HOLDER:SENSOR:YZ4-08407218 | 1    | 13   | 8     | Add  |

There are two ways to calibrate the trim volume as follows.

#1 Shifting the current sensor bracket

#2 Replacing the current sensor bracket with the "modified" sensor bracket

Please try method#1 first. If this cannot solve the problem, please do #2.

## NOTE

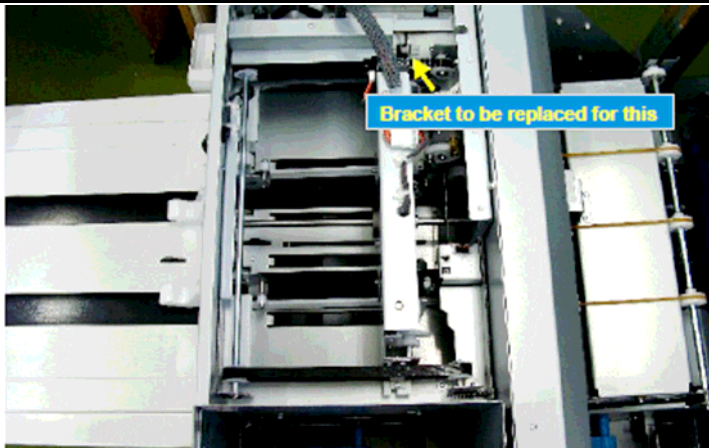
- The blade could be damaged if the trim volume is set too low.  
Please inform your customers that the adjustment on the operation panel must be made carefully to avoid poor cuts after replacing with the modified bracket.

## Method #1 Shifting the current sensor bracket

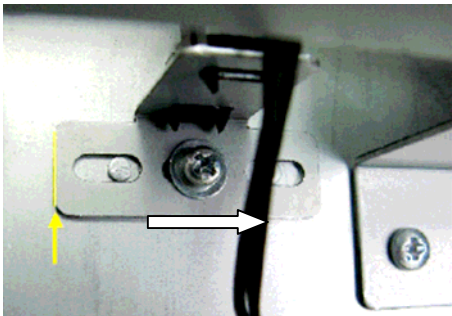
- Turn off the machine, and disconnect the cable.



- Remove the covers as shown in the diagram.



3. Identify the sensor.



4. Move the bracket in the direction of the arrow (decrease in trim volume).  
Check the trim volume.

**NOTE**

DO NOT shift the sensor bracket in the opposite direction (increase in trim volume) as this may cause damage to the machine due to interference with the registration unit.

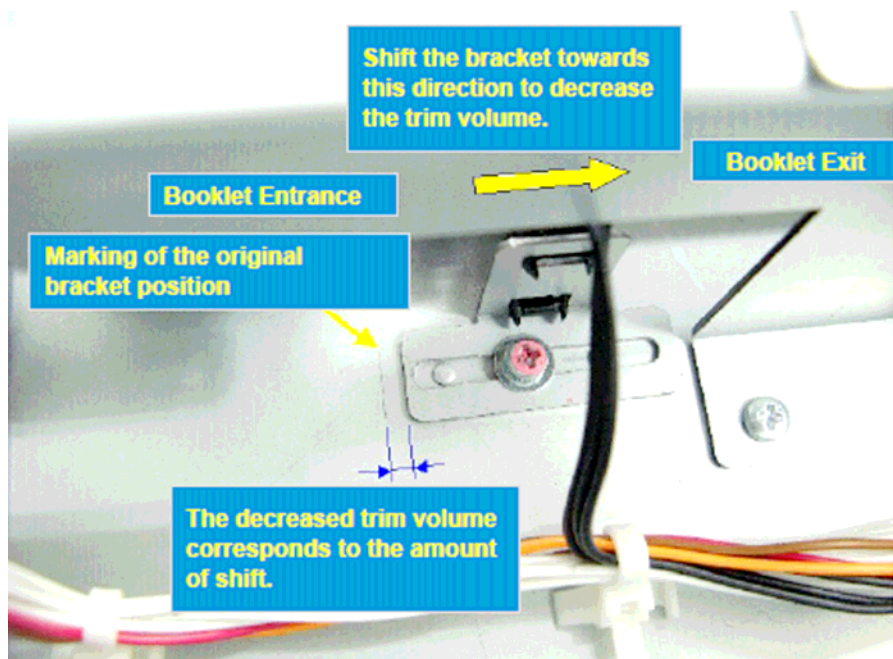
5. Reassemble the unit when the desired volume is obtained. If not satisfy the customer's demand, please go method #2.

**Method#2 Replacing the current sensor bracket with the "modified" sensor bracket**

1. Mark the bracket position. Place a mark at the position shown below by scoring the surface of the plate with a tool as shown in the photo.
2. Unfasten the screw and remove the sensor with the bracket.



3. Reattach the sensor to the modified bracket, **D4551350**.



4. Install the modified sensor bracket.  
Shift the bracket sideways according to the desired adjustment using the marked line for guidance.
5. Check the trim volume.
6. Reassemble the unit when the desired volume is obtained.

|   |   |   |   |
|---|---|---|---|
| Model: Trimmer Unit TR5040                              |   | Date: 09-Mar-17   | No.: RD5200002  |
| Subject: FSM correction: How to enable Limitless Output |   | Prepared by: J. Ohno  |   |
| From: 1st Tech Service Sect., PP Tech Service Dept.     |   |   |   |
| Classification:   | <input type="checkbox"/> Troubleshooting<br><input type="checkbox"/> Mechanical<br><input type="checkbox"/> Paper path<br><input type="checkbox"/> Product Safety | <input type="checkbox"/> Part information<br><input type="checkbox"/> Electrical<br><input type="checkbox"/> Transmit/receive<br><input type="checkbox"/> Other (     ) | <input type="checkbox"/> Action required<br><input checked="" type="checkbox"/> Service manual revision<br><input type="checkbox"/> Retrofit information<br><input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 0.5 |

Please correct the following procedure in the Trimmer Unit TR5040 FSM, in this section:

2. Details > Operation > Operation Flow > Limitless Output

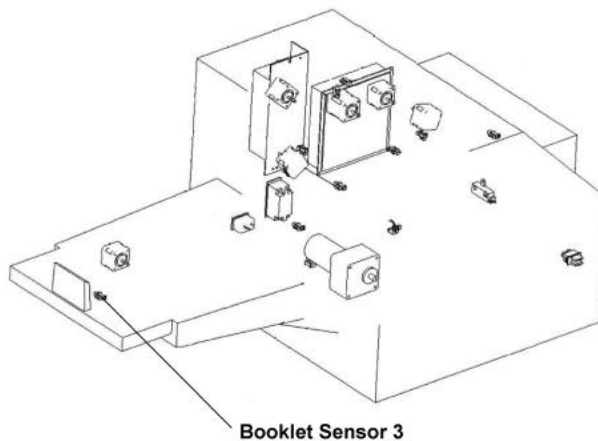
### Incorrect:

#### Limitless Output

The trimmer can be set up for limitless output.



1. First, remove the end stopper from the output tray.



2. Next, disable booklet sensor 3. This requires a service call by a trained service technician to disconnect the sensor.

- With booklet sensor 3 disabled, the trimmer will not detect tray full.
- The trimmer will operate continuously without interruption. The booklets will fall off the end of the tray into a container placed at the end of the tray.

Model: Trimmer Unit TR5040

Date: 09-Mar-17

No.: RD5200002

**Correct:**

## Limitless Output

The trimmer can be set up for limitless output.



Remove the end stopper from the output tray. This will automatically disable the output tray full sensor (Booklet Sensor 3) and enable "Limitless Output."

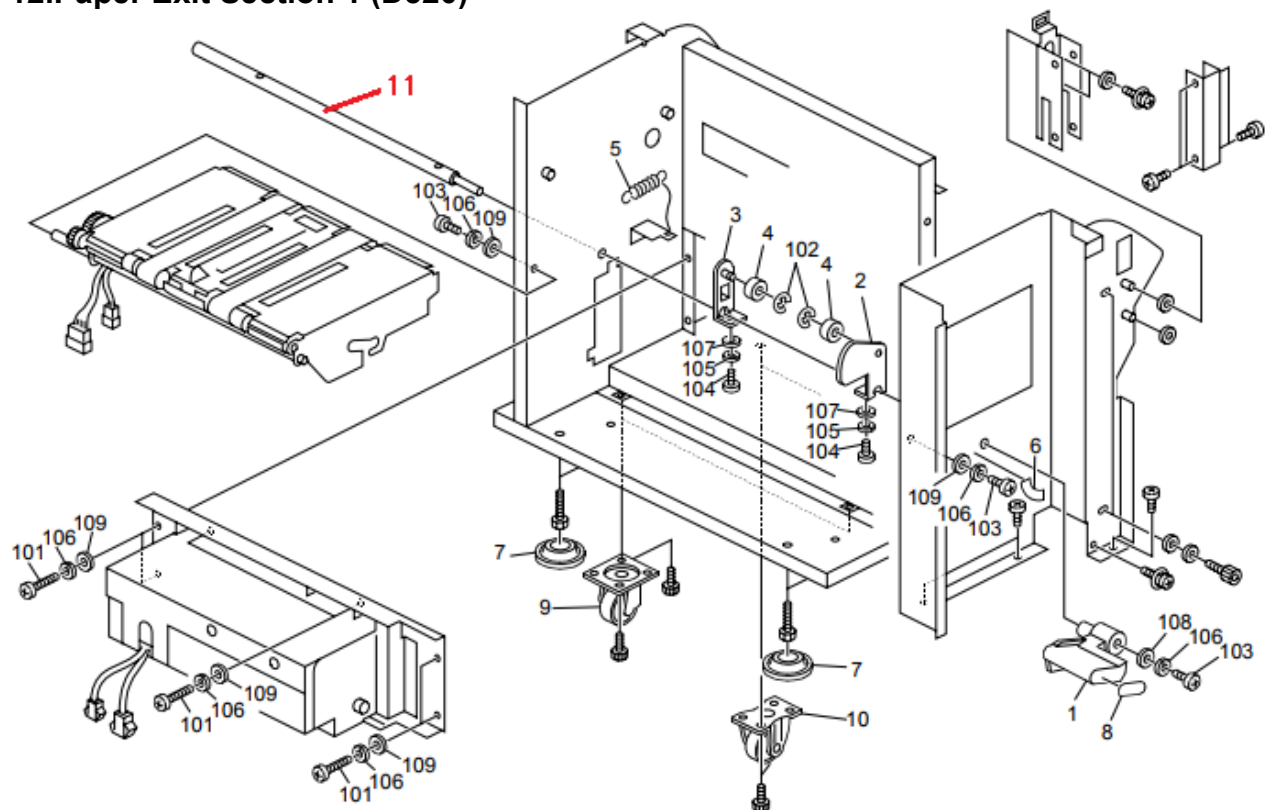
|   |  |  |  |
|---|--|--|--|
| Model: Trimmer Unit TR5040                        |  | Date: 11-Jan-18                                      | No.: RD520003                                    |
| Subject: Parts information - SHAFT:RELEASE        |  | Prepared by: Rie Shohda                              |  |
| From: Sales Strategy Sect., 1st CP Business Dept. |  |  |  |
| Classification:                                   | <input type="checkbox"/> Troubleshooting | <input checked="" type="checkbox"/> Part information | <input type="checkbox"/> Action required         |
|   | <input type="checkbox"/> Mechanical      | <input type="checkbox"/> Electrical                  | <input type="checkbox"/> Service manual revision |
|   | <input type="checkbox"/> Paper path      | <input type="checkbox"/> Transmit/receive            | <input type="checkbox"/> Retrofit information    |
|   | <input type="checkbox"/> Product Safety  | <input type="checkbox"/> Other (        )            | <input type="checkbox"/> Tier 2                  |

| Old part number | New part number | Description                | Q'ty | Int | Page | Index | Note |
|-----------------|-----------------|----------------------------|------|-----|------|-------|------|
| -               | D4551286        | SHAFT:RELEASE:YZ3-08407011 | 1    | -   | 25   | 11    | Add  |

**Change:** Addition of the part

**Reason:** To meet requests from the field.

## 12.Paper Exit Section 1 (D520)



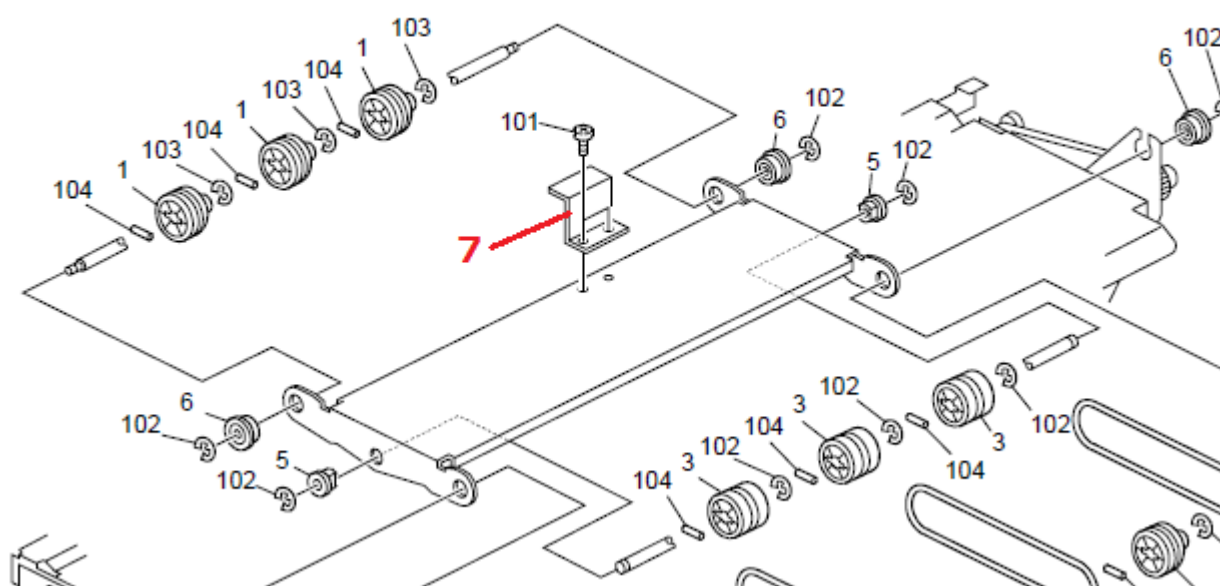


|  |   |  |  |
|--|---|--|--|
| Model: Trimmer Unit TR5040                                     |   | Date: 8-Oct-19   | No.: RD520004  |
| Subject: Parts information - STOPPER                           |   | Prepared by: S. Tomoe  |  |
| From: Service Planning Sect., Global Engineering Support Dept. |   |  |  |
| Classification:  | <input type="checkbox"/> Troubleshooting<br><input type="checkbox"/> Mechanical<br><input type="checkbox"/> Paper path<br><input type="checkbox"/> Product Safety | <input checked="" type="checkbox"/> Part information<br><input type="checkbox"/> Electrical<br><input type="checkbox"/> Transmit/receive<br><input type="checkbox"/> Other (     ) | <input type="checkbox"/> Action required<br><input type="checkbox"/> Service manual revision<br><input type="checkbox"/> Retrofit information<br><input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 0.5 |

The following part are registered as new service parts to meet requests received from the field.

| Old part number | New part number | Description                   | Q'ty | Int | Page | Index | Note |
|-----------------|-----------------|-------------------------------|------|-----|------|-------|------|
| -               | D4551176        | STOPPER:ENTRANCE:YZ4-08405302 | 1    | -   | 7    | 7     | Add  |

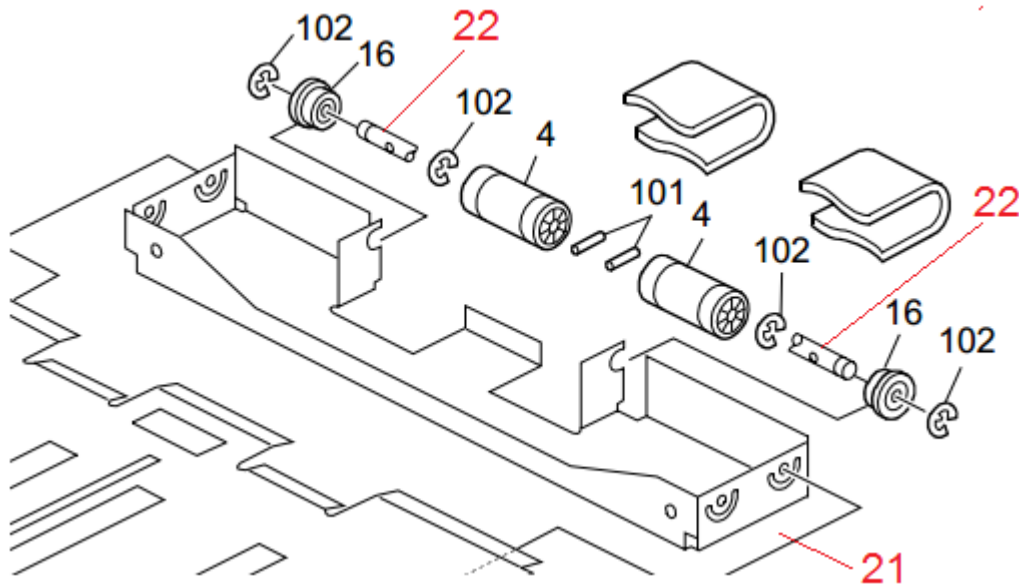
### 3.Paper Feed Unit 2 (D520)



|  |   |  |  |
|--|---|--|--|
| Model: Trimmer Unit TR5040 (D520)                      |   | Date: 8-Oct-19   | No.: RD520005  |
| Subject: Parts information - Paper Exit Section        |   | Prepared by: S.Tomoe   |  |
| From: 1st Tech Service Sect., MFP/P Tech Service Dept. |   |  |  |
| Classification:  | <input type="checkbox"/> Troubleshooting<br><input type="checkbox"/> Mechanical<br><input type="checkbox"/> Paper path<br><input type="checkbox"/> Product Safety | <input checked="" type="checkbox"/> Part information<br><input type="checkbox"/> Electrical<br><input type="checkbox"/> Transmit/receive<br><input type="checkbox"/> Other (     ) | <input type="checkbox"/> Action required<br><input type="checkbox"/> Service manual revision<br><input type="checkbox"/> Retrofit information<br><input type="checkbox"/> Tier 2 |

The following part are registered as new service parts to meet requests received from the field.

| Old part number | New part number | Description                    | Q'ty | Int | Page | Index | Note |
|-----------------|-----------------|--------------------------------|------|-----|------|-------|------|
| -               | D4551272        | BRACKET:FRONT:YZ3-08407005     | 1    | -   | 27   | 21    | Add  |
| -               | D4551278        | SHAFT:ROLLER:FRONT:Z4-08407008 | 1    | -   | 27   | 22    | Add  |



|  |   |  |  |
|--|---|--|--|
| Model: Trimmer Unit TR5040 (D520)                        |   | Date: 11-Nov-19  | No.: RD520006  |
| Subject: Parts information - shaft                       |   | Prepared by: S.Tomoe   |  |
| From: Service Planning Sect., Global Engineering Support |   |  |  |
| Classification:  | <input type="checkbox"/> Troubleshooting<br><input type="checkbox"/> Mechanical<br><input type="checkbox"/> Paper path<br><input type="checkbox"/> Product Safety | <input checked="" type="checkbox"/> Part information<br><input type="checkbox"/> Electrical<br><input type="checkbox"/> Transmit/receive<br><input type="checkbox"/> Other (     ) | <input type="checkbox"/> Action required<br><input type="checkbox"/> Service manual revision<br><input type="checkbox"/> Retrofit information<br><input type="checkbox"/> Tier 2 |

The following part are registered as new service parts to meet requests received from the field.

This information was also provided by the PCIL issued on July 2014.

| Old part number | New part number | Description        | Q'ty | Int | Page | Index | Note |
|-----------------|-----------------|--------------------|------|-----|------|-------|------|
| -               | D4551268        | SHAFT:YZ3-08407001 | 1    | -   | 27   | 20    | Add  |

