



15.4.6 Replacing the trimmer blade motor (M31)

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 - **15.4.6 Replacing the trimmer blade motor (M31)**
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INFORMATION

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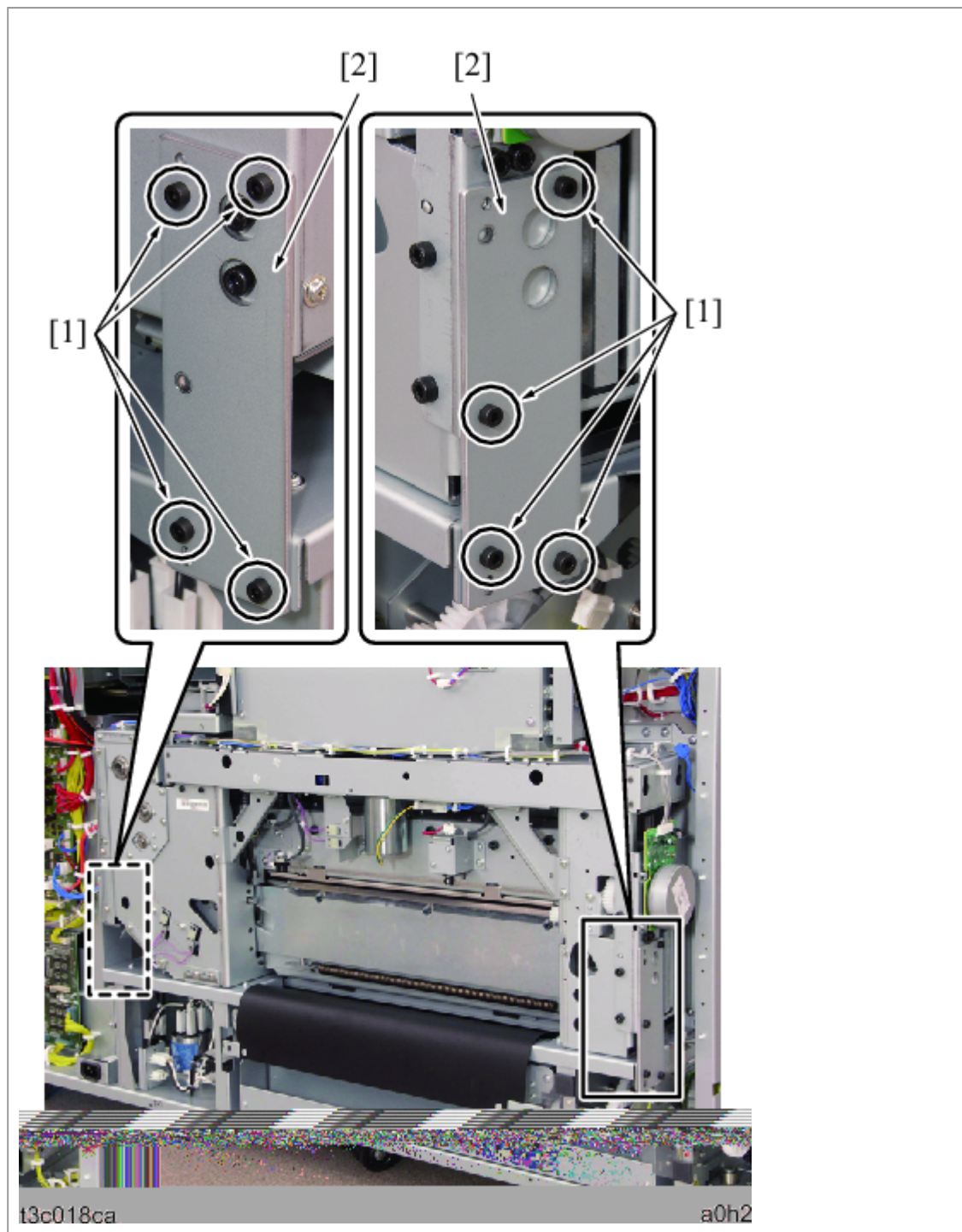
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(1) Spotted replaced parts/cycle

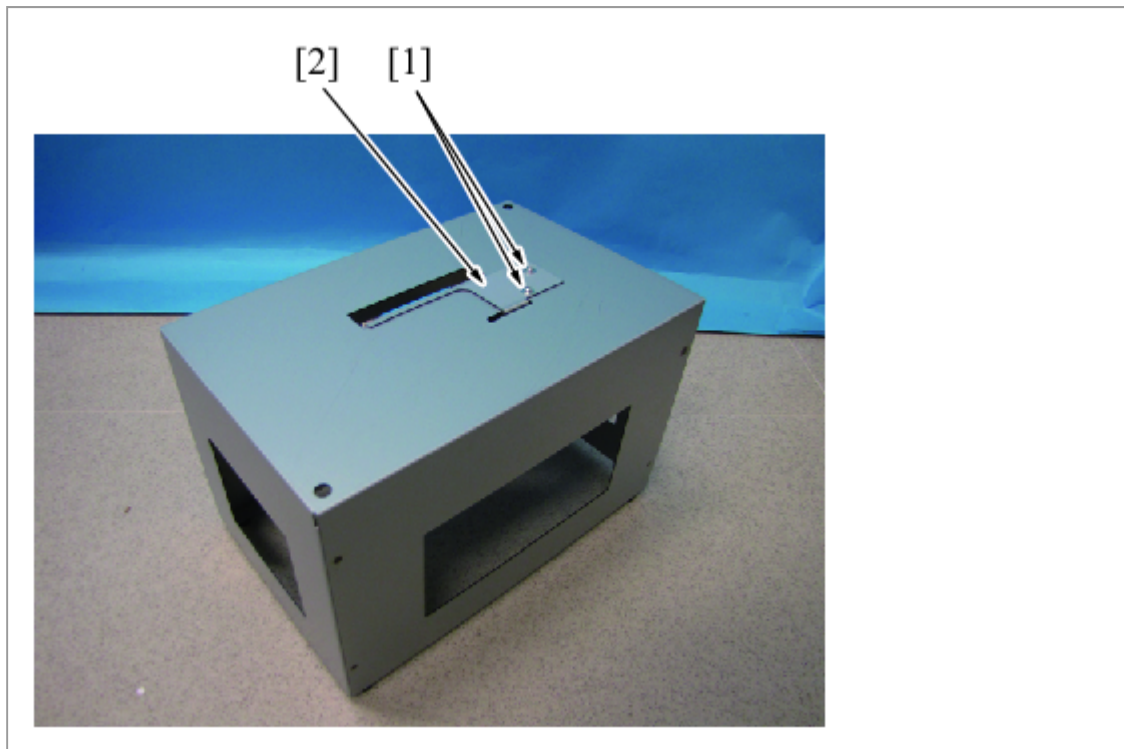
- Trimmer blade motor (M31)
 - : Spot replacement (Actual replacement cycle: every 2,500,000 copies) * 1
 - * 1 1200/1200P/1051/C8000

(2) Procedure

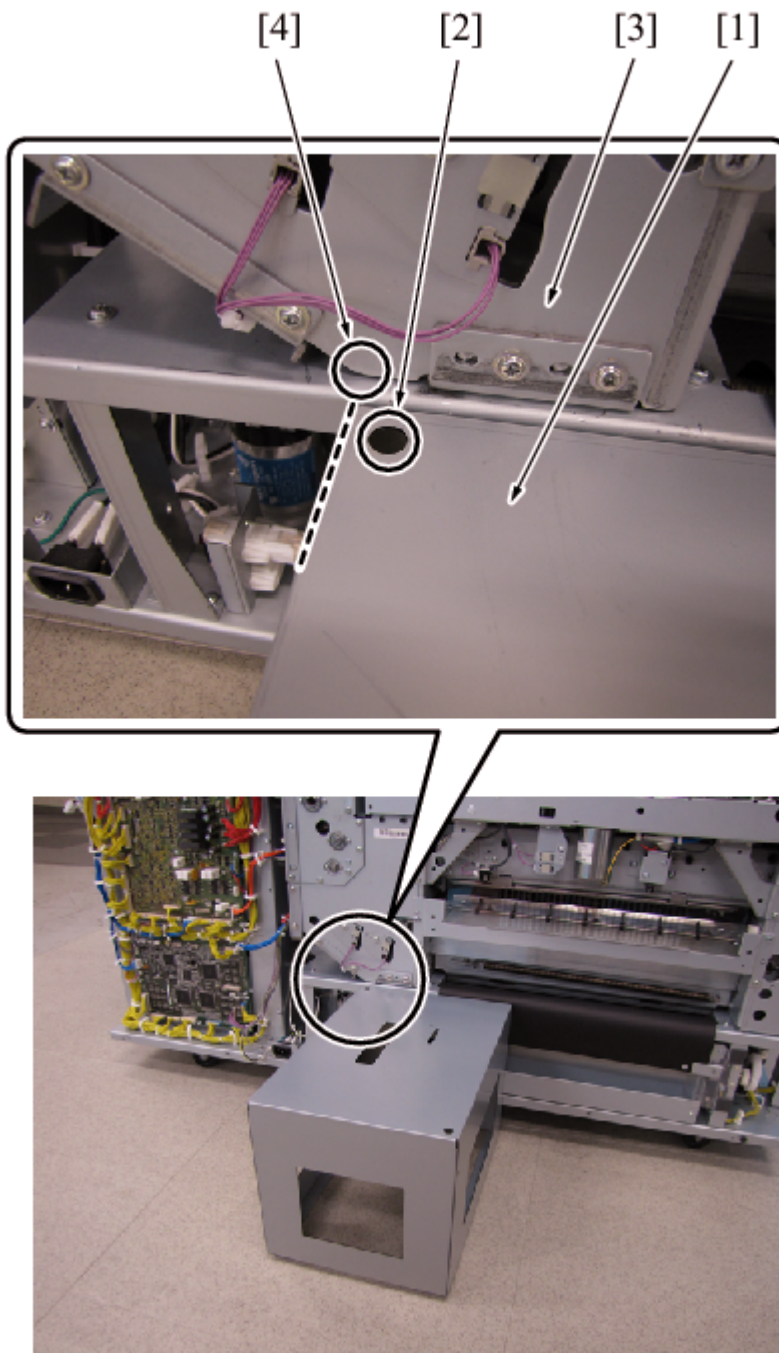
1. Remove the following parts.
 - Rear cover /Lt (Refer to G.13.3.2 Rear cover /Lt)
 - Rear cover /Rt (Refer to G.13.3.3 Rear cover /Rt)
 - Left cover (Refer to G.13.3.4 Left cover)
 - Trimmer scraps guide (Refer to F.15.4.1 Removing/reinstalling the trimmer paddle assy)
2. Remove each 4 of the screws [1] at 2 places, and then remove 2 fixing plates [2].



3. Remove 2 screws [1] of the jig for supporting trimmer unit and then remove the anti-drop bracket [2].



4. Align the edge of the jig for supporting trimmer unit [1] with the corner [4] of the trimmer unit based on the hole [2] of the jig for supporting trimmer unit [1].
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5. Disconnect the connector [1].

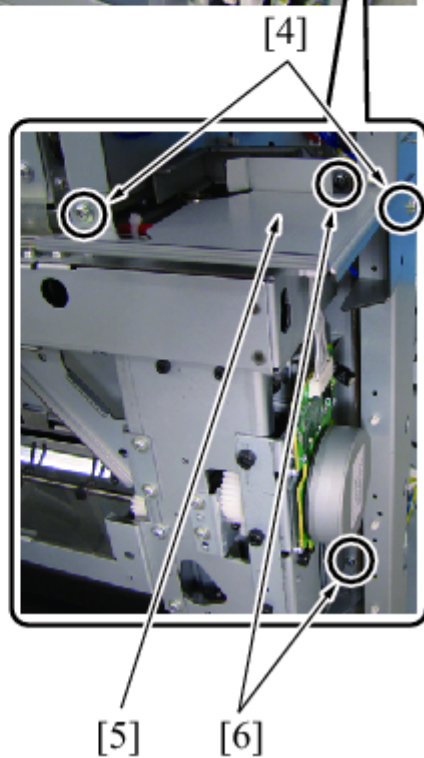
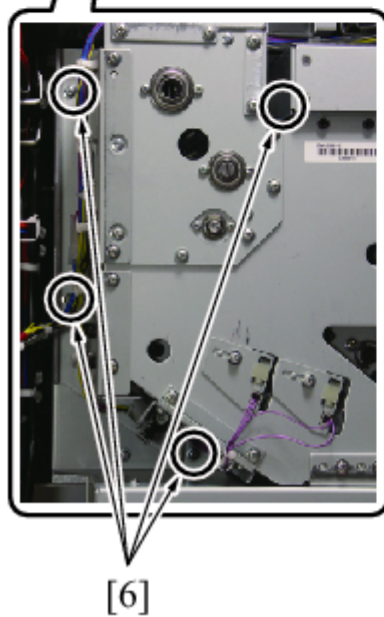
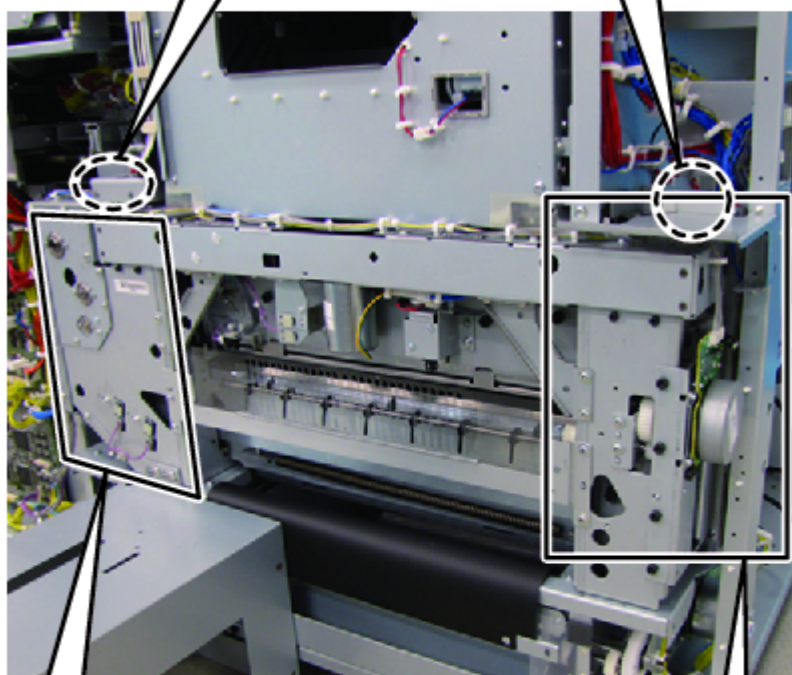
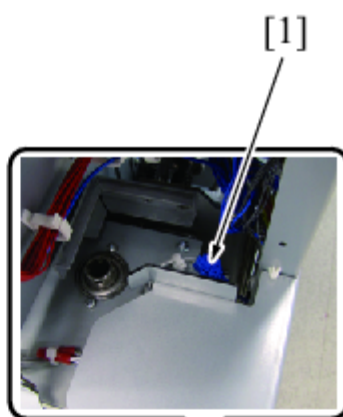
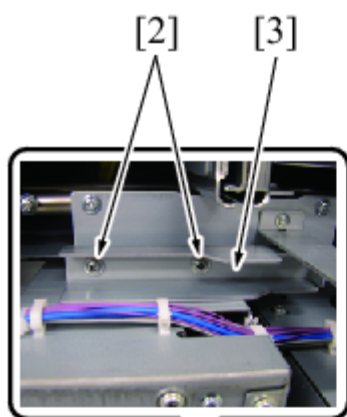
Note

- When reinstalling it, be careful not to nip the wiring harness with the metal plate.

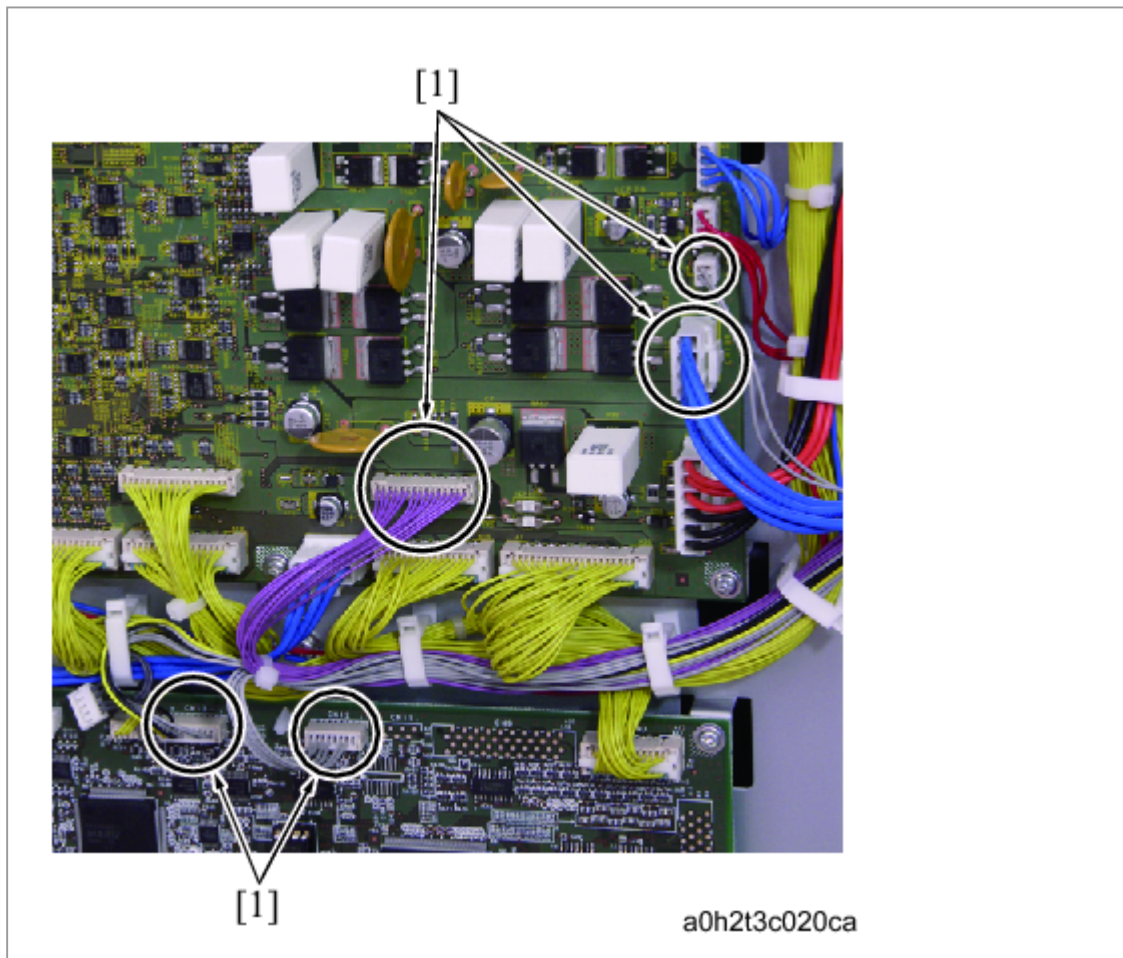
6. Remove 2 screws [2] and then remove the stopper [3].
7. Reinstall the anti-drop bracket [5] with 2 screws [4] which have been removed in step 3.
8. Remove 6 screws [6].

⚠DANGER:

- **Be sure not to pull out the trimmer unit to the back side until the stopper [3] is removed. If the stopper is removed while the trimmer unit is pulled out to the back side, the trimmer unit drops.**
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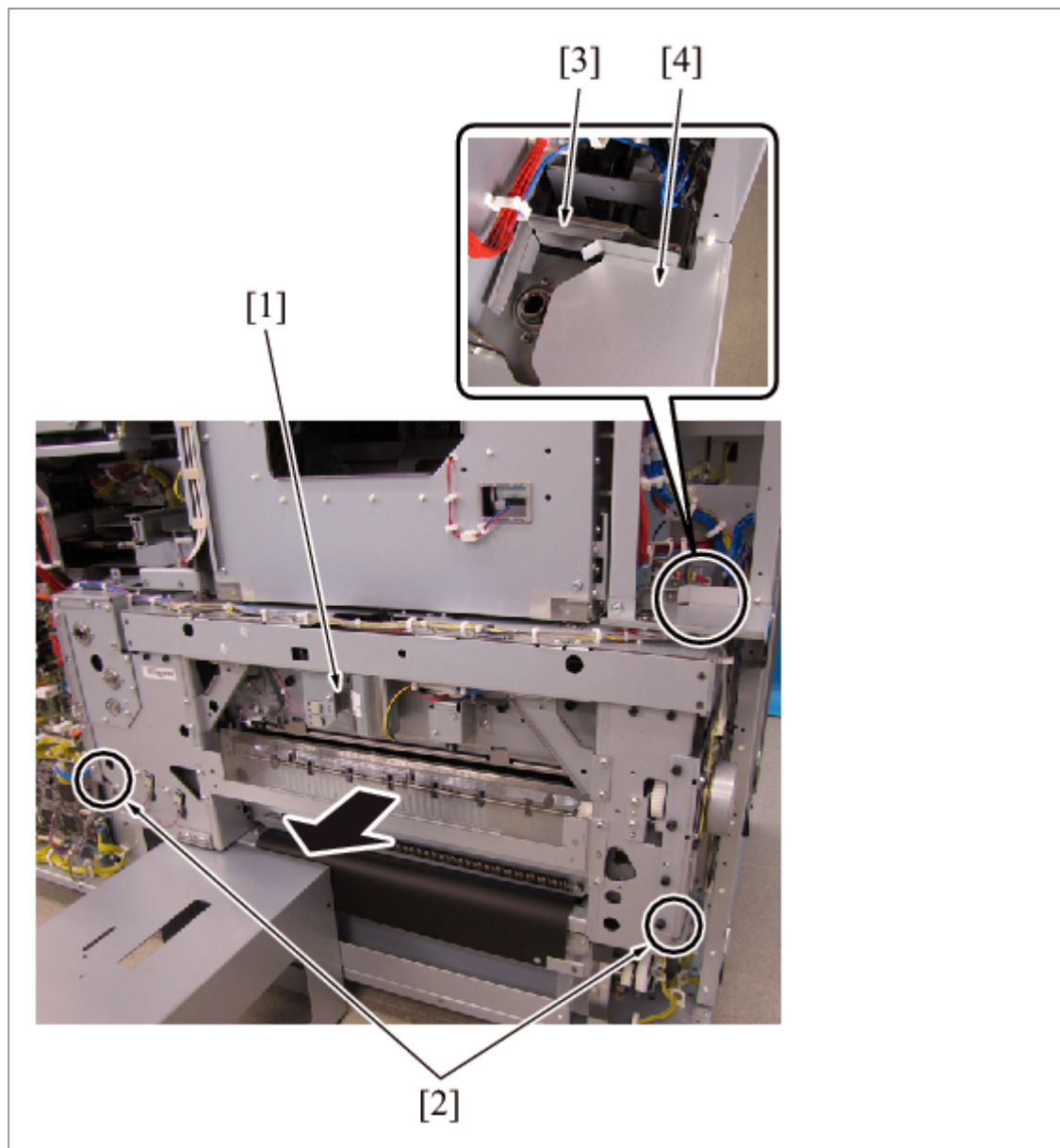
9. Disconnect 5 connectors [1] and then remove the wiring harness from the wiring harness clamp.



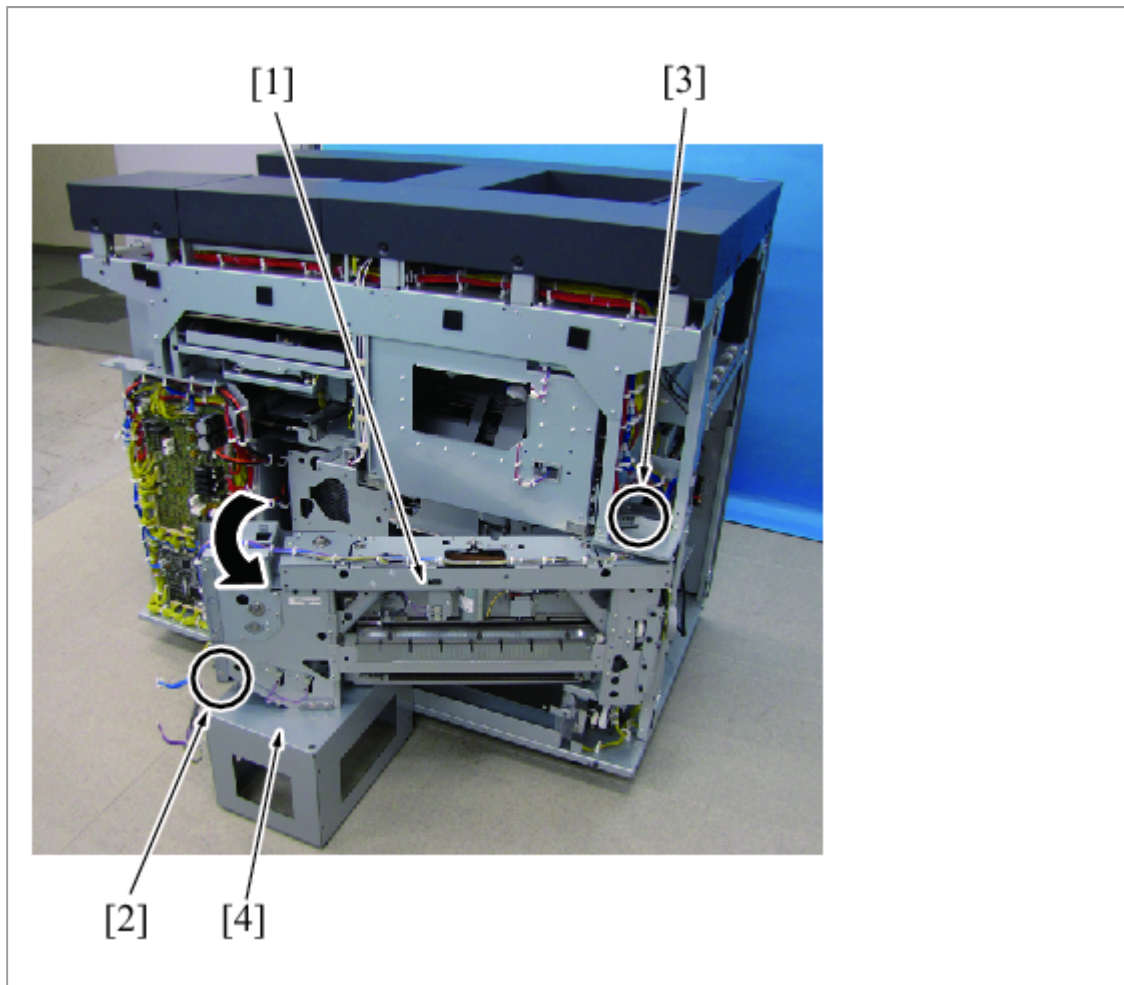
10. Pull out the trimmer unit to the back side until the stoppers [3] touch to the anti-drop brackets [4] by holding the lower edges [2] of the trimmer unit [1].

Note

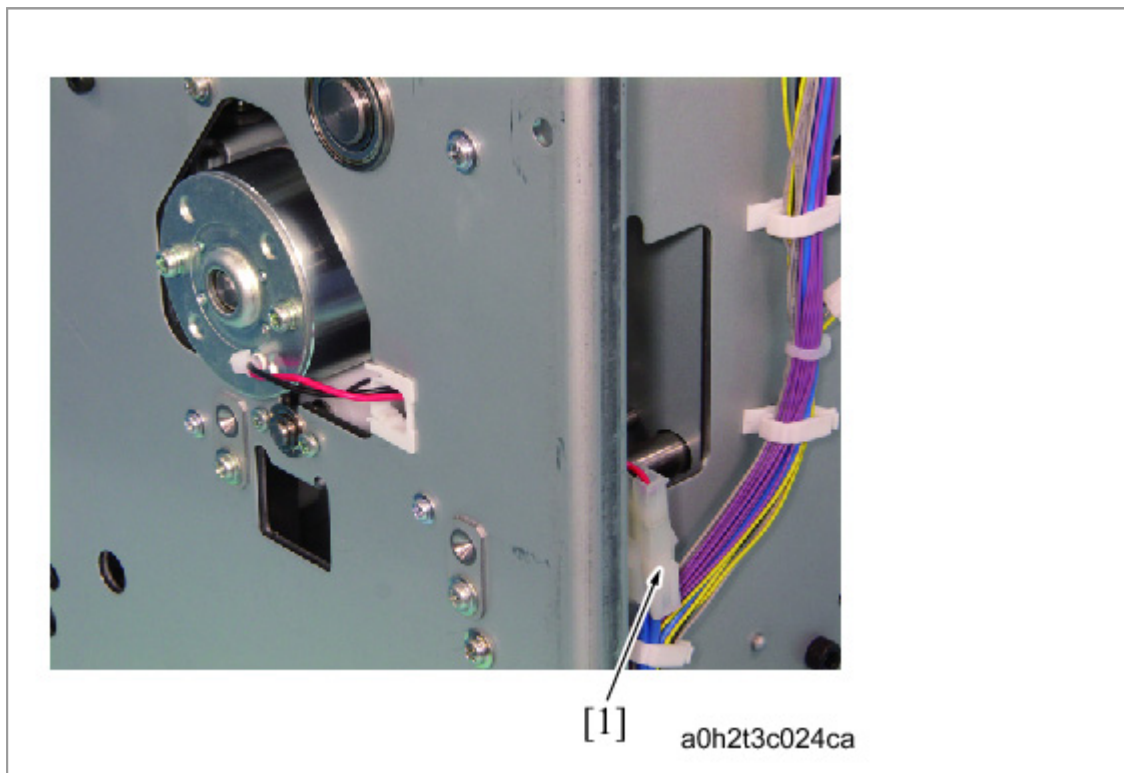
- Be sure not to hold the position that is easily damaged like the electrical parts.



11. Hold the lower right [2] of the trimmer unit [1], turn it around the engaging [3] of the stopper and the anti-drop bracket, and then put the trimmer unit [1] on the jig for supporting trimmer unit [4].



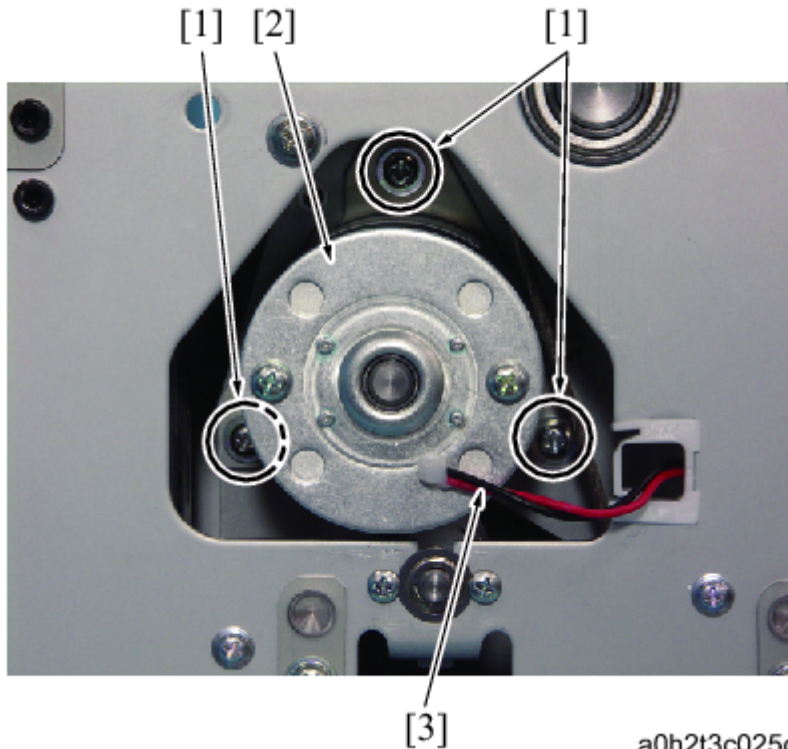
12. Disconnect the connector [1].



13. Remove 3 screws [1] and then remove the trimmer blade motor (M31) [2].

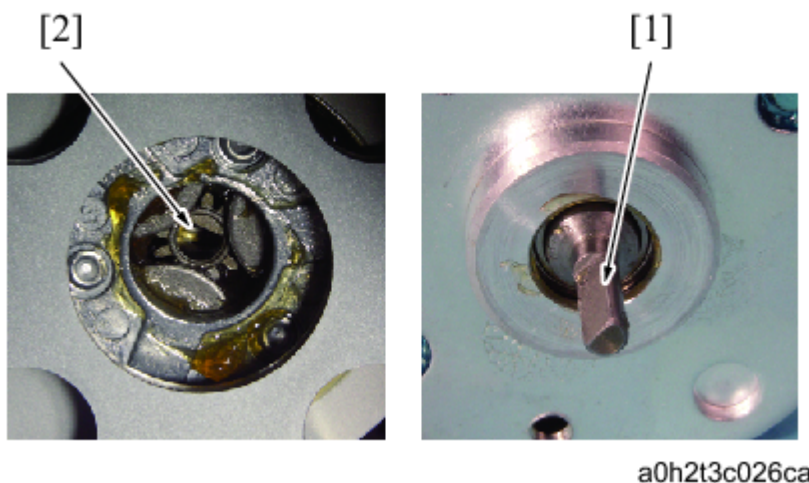
Note

- When reinstalling it, be sure to set so that the wiring harness [3] comes in the position as shown in the picture.



Note

- When reinstalling it, be sure to insert the D-cut [1] of the shaft on the trimmer blade motor (M31) into the D-cut hole [2] of the planetary gear.

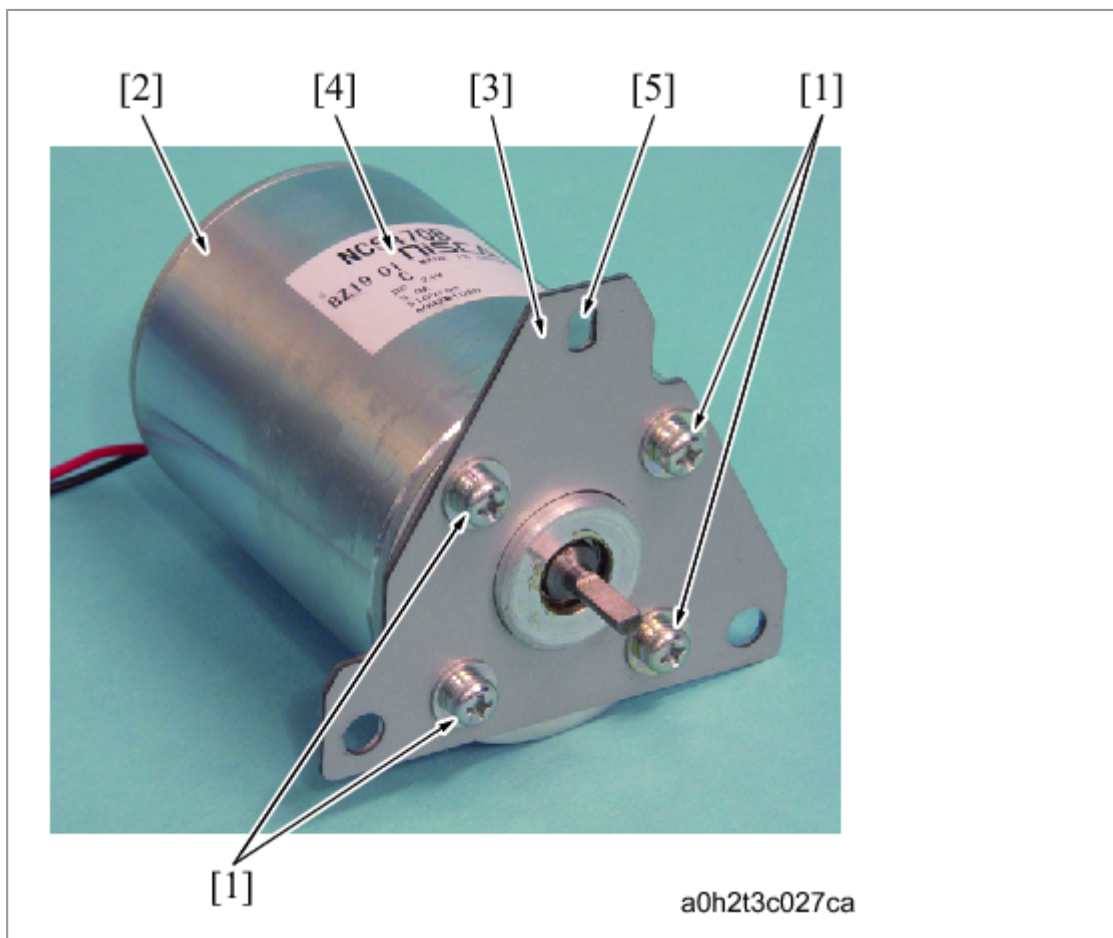


14. Remove 4 screws [1] and then remove the mounting bracket [3] from the trimmer blade motor (M31) [2].

Note

- When reinstalling it, be sure that the label [4] is in the same direction as the slotted hole [5] on the mounting bracket [3].

15. Reinstall the above parts following the removal steps in reverse.



16. After replacing the trimmer blade motor (M31), conduct the following item.
Counter reset of the parts counter No.232