Brutale 1000 International Tail Tidy Install

Need help with installations? Contact us at install@abmoto.store

ABMOTO.STORE

ABMOTO.US

@AB_MOTORWORKS

Loctite is recommended for securing all parts.

Rear Plate Bracket Removal and Wire Re-routing

1. **(Rear wheel removal is not necessary but does provide more room to remove the right-side pinch bolt)** Remove the rear wheel nut (clockwise to loosen) and remove the rear wheel.
2. The exhaust needs to be removed to re-route the wires for the signal and license light. Start by removing the 4 screws from the belly pan and sliding it down past the kick stand. (**Figures 1 & 2)**
3. Remove the 2 bolts holding on the exhaust valve servo. Unplug the connector at the top of the exhaust valve servo by pushing in the tab and pulling up. Let the servo hang freely so that the CAT can be removed in future steps. ***(Figure 3)***
4. Remove the 2 bolts, one on each side of the bike, holding on the CAT. Use a 10mm wrench to secure the nut on the backside to remove each bolt. ***(Figure 4)***
5. Remove the 2 bolts holding on the right-side rear set and exhaust cover. ***(Figure 5)***
6. Remove the 3 bolts holding the exhaust bracket in ***Figure 6.*** Rest the exhaust bracket with the rear brake reservoir against the bike. ***(Figure 7)***
7. Place a cloth behind the right-side rear set/exhaust cover and move it to the front of the bike to rest on the frame. Loosen the exhaust clamp where the slip-on and CAT connect. ***(Figure 7)***
8. Remove the 4 bolts holding the left side exhaust bracket. ***(Figure 8 & 9)***
9. Carefully slide the slip-on exhaust over the rear tire and off the bike. Placing a cloth on top of the connecting pipe that runs between the rear tire and bottom carbon tail is recommended so that it doesn't scuff the bottom carbon tail when removing the exhaust.
10. Pull the cat towards the rear wheel to remove it from the header pipe.

---

11. Remove the 2 screws holding on the small wire cover where the signal and license light wires connect. Disconnect the wires. ***(Figure 10 & 11)***
12. Remove the 3 bolts holding on the license plate bracket and remove the bracket. Install the included titanium pinch bolts. Torque to within the 28-32 Nm parameters as shown on the swingarm. ***(Figure 10)***
13. Remove the 3 screws holding on the plastic wire cover that runs along the swingarm. Remove signal and license light wires. Reinstall cover over rear brake and speed sensor wire. ***(Figure 12)***
14. Unscrew the wire holder on the bottom of the swingarm where the CAT was removed and remove the signal and license plate light wire from the holder. Reinstall back onto the swing arm. ***(Figure 13)***
15. Look through where the exhaust valve servo was removed. Wiggle the signal and license plate light wire to identify it and pull it through into the bottom section of the bike. Reference the next steps for accessing the battery compartment where the wires will ultimately run and connect to the new signal/tail tidy. ***(Figure 14 & 15)***
16. Remove the OEM license plate light from the stock bracket housing if it is being reused on the new fender eliminator.

Fender Eliminator Assembly and Install

1. To access the battery compartment, start by removing the four screws. ***(Figure 16)***
2. Remove the screw holding the two side fairings ***(Figure 17)***
3. Remove side fairings by first removing the post from the grommet in the rear by pulling toward you ***(Figure 18)*** and gently pull the panel out and away towards the back of the bike to unhook from post ***(Figure 19)***.
4. Remove the screw holding on the two rear fairings from the bottom of the bike and remove the fairings by pulling out and towards the front of the bike. ***(Top with seat off shown in Figure 20 for reference)***

Brutale 1000 International Tail Tidy Install

Need help with installations? Contact us at install@abmoto.store

5. Unscrew the two bolts holding the seat **(Figure 21)** and pull back and up to avoid scratching the fuel tank. **(Figure 22)**
6. Remove the 4 screws ***(Figure 23)*** holding the rear plastic fairing.
7. Remove the 4 screws holding on the taillight. ***(Figure 24)***
8. Unhook the taillight wire connector from the metal tab and disconnect. Remove the taillight and rear plastic fairing by pulling towards the back wheel.
9. Remove the metal tabs from the lower half of the plastic fairing. ***(Figure 25)***
10. Newer models of both bikes now have closed slots where older models used to be open. Older models may need to widen the top slot to prevent binding between the metal bracket and plastic that could create body gaps between the rear plastic and bottom fairing. Newer models will need to cut out the top slot indention. Both will need to cut a roughly 10mm diameter hole above the top slot to route wires through. Refer to ***Figure 26.***
11. Remove the two screws on the back side of the taillight. ***(Figure 27)***

---

12. Attach the signals to the signal covers. If the signal is facing the wrong direction when fully tightened, use the provided spacers to correct the direction. Two or three may need to be stacked to provide the correct spacing. ***(Figure 28)***
13. Run the wires for the signals and license light through the light cover as shown in ***Figure 29***
    (Before running the wires, it is best to group the positive and negative of each light with tape and label accordingly.)
14. Secure the license light with the two provided screws. ***(Figure 30)***
15. Secure the signal covers. ***(Figure 31)***
16. Run the wires through the main arm (and extension if applicable). Secure the license light cover to the main arm (or extension) with the provided M5 countersunk screws. ***(Figure 32)***
17. Run the wires through the slot and secure them with the wire cover. (***Figure 33)***
18. Attach the billet arm with the provided thread rolling screws. ***(Figure 34)***
19. With the entire assembly now attached to the taillight, run the wires and main arm bracket through the rear plastic fairing. ***(Figure 35)***
20. Secure the internal billet bracket to the main arm bracket using the two provided M5x16mm flanged socket cap screws. ***(Figure 36 & 37)***
21. Place the entire assembly (taillight, rear plastic fairing, tail tidy) back onto the bike. **Loosely** fasten the taillight back to the frame.
22. Use the other two M5x16mm flanged socket cap screws ***(Figure 37)*** to replace the OEM screws located in ***Figure 38*** and fasten both the rear plastic fairing and internal billet bracket. The taillight may have to be adjusted slightly for the internal bracket to line up properly.
23. Place the license bracket into the slot on of the license light cover and fasten it with the provided screw. **If there is clear adhesive on the license bracket tab, do not remove as it ensures a tight fit.** ***(Figure 39)***
24. Attach the reflector to the reflector bracket. Use the provided black screws and lock nuts to secure it to the license bracket. ***(Figure 40)***

Brutale 1000 International Tail Tidy Install

25. If running the large license bracket without the extension, place your hand on top of the license light and under the license bracket ***(Figure 41)*** to straighten it until it is parallel with the tire as shown in ***Figure 42***
26. Reassemble the bike in reverse order of previous steps.

Brutale 1000 International Tail Tidy Install

Need help with installations? Contact us at install@abmoto.store

ABMOTO.STORE

ABMOTO.US

@AB_MOTORWORKS

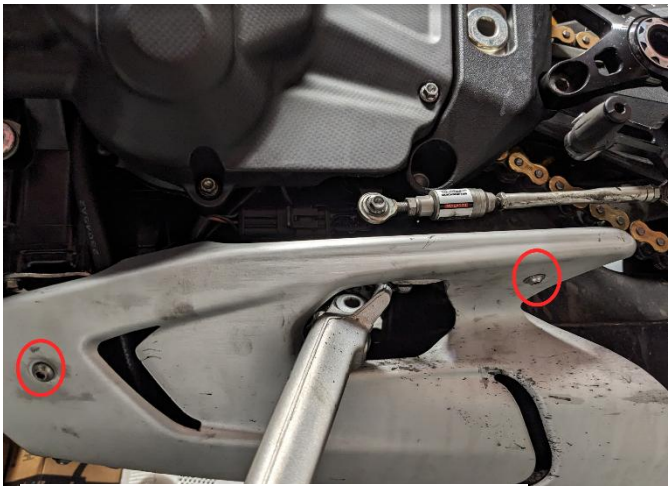


Figure 1

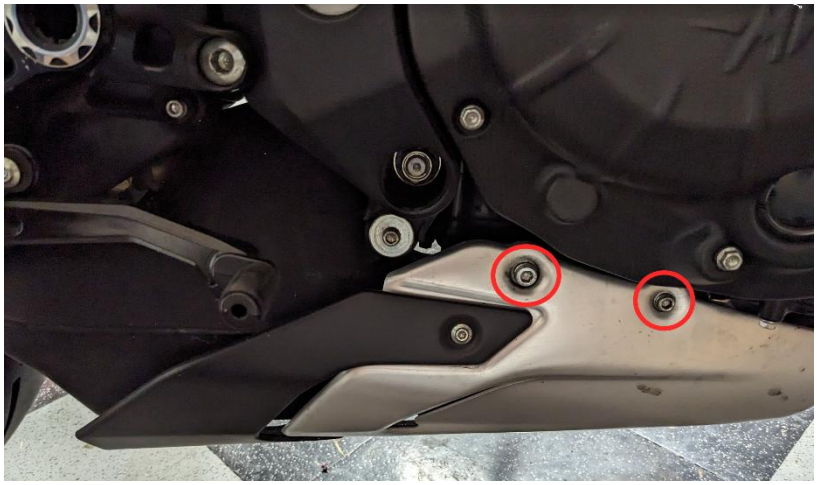


Figure 2

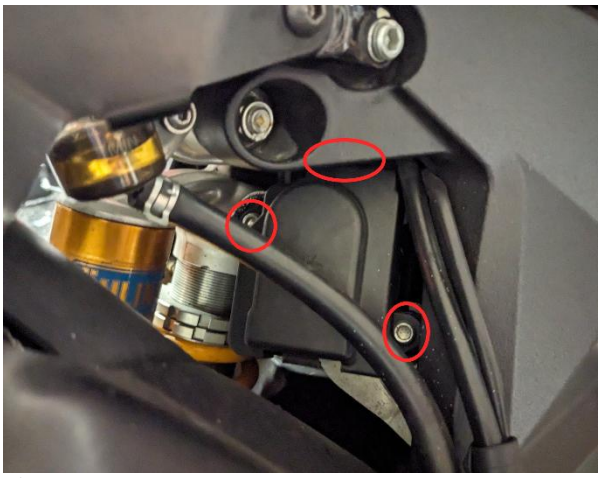


Figure 3

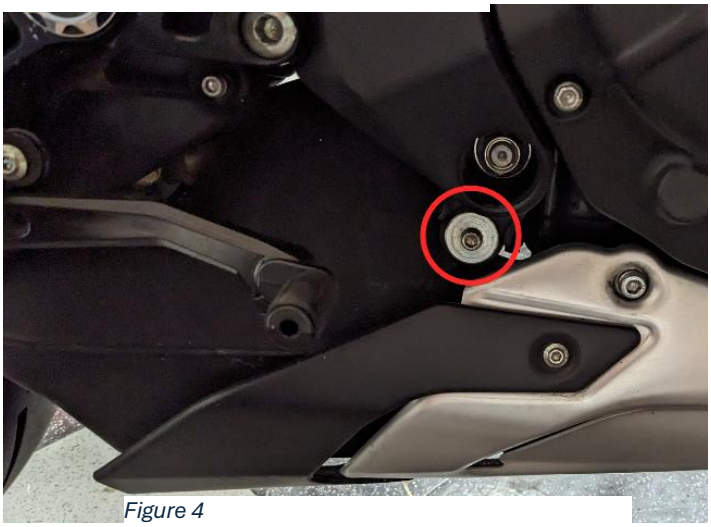
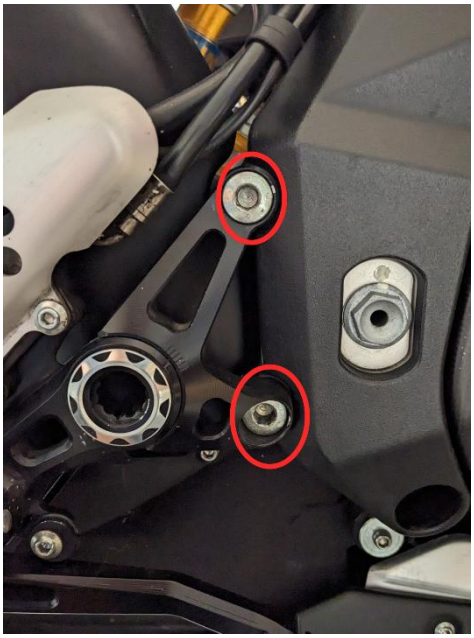
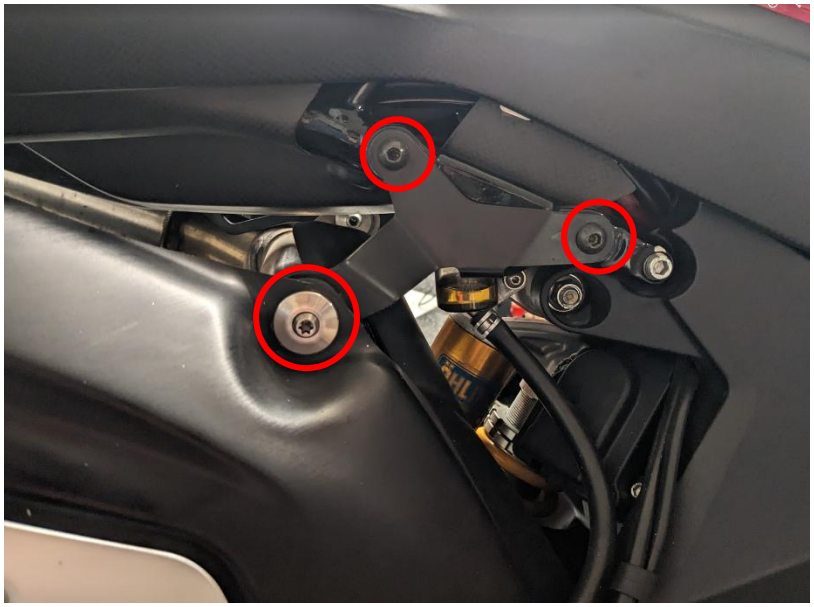


Figure 4





Brutale 1000 International Tail Tidy Install

Need help with installations? Contact us at install@abmoto.store

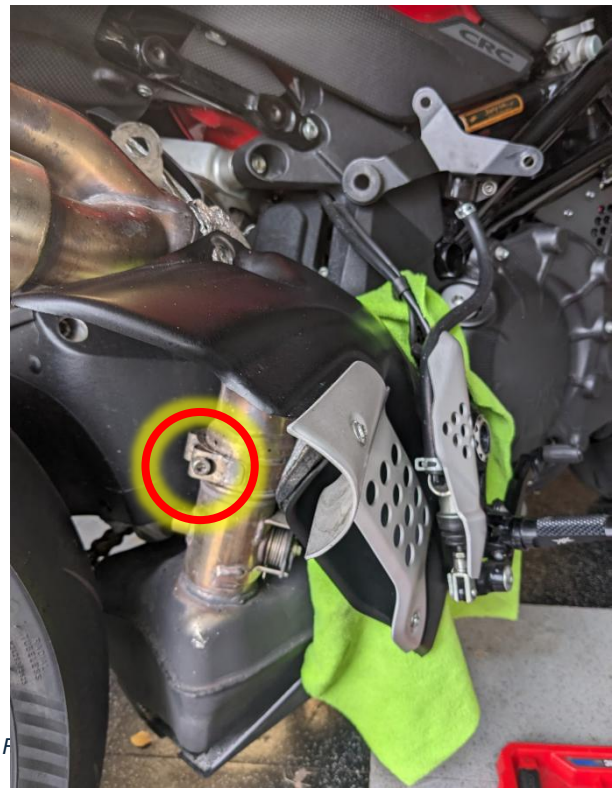




Figure 8



Figure 9

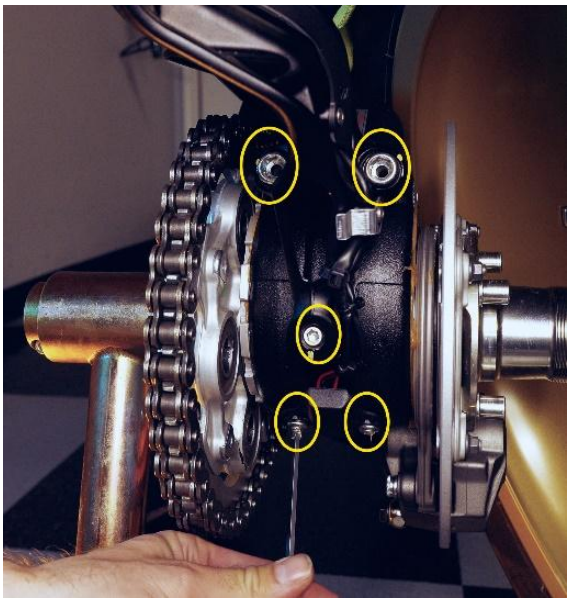


Figure 10

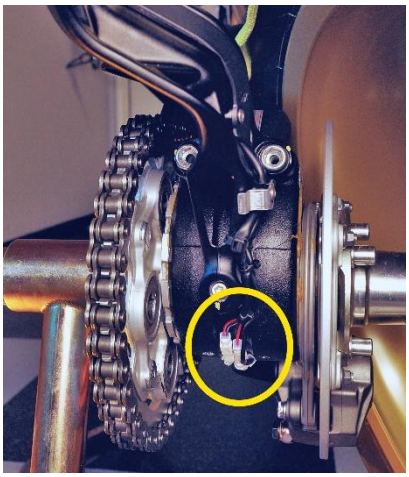


Figure 11

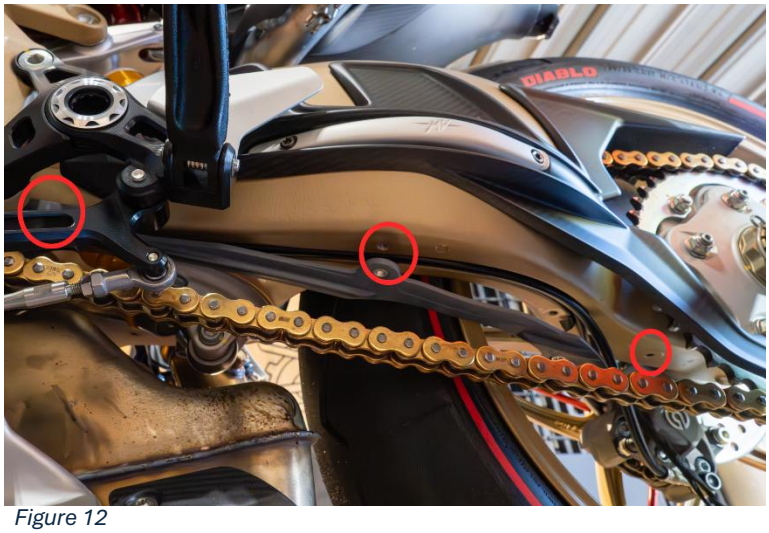


Figure 12

Brutale 1000 International Tail Tidy Install

Need help with installations? Contact us at install@abmoto.store

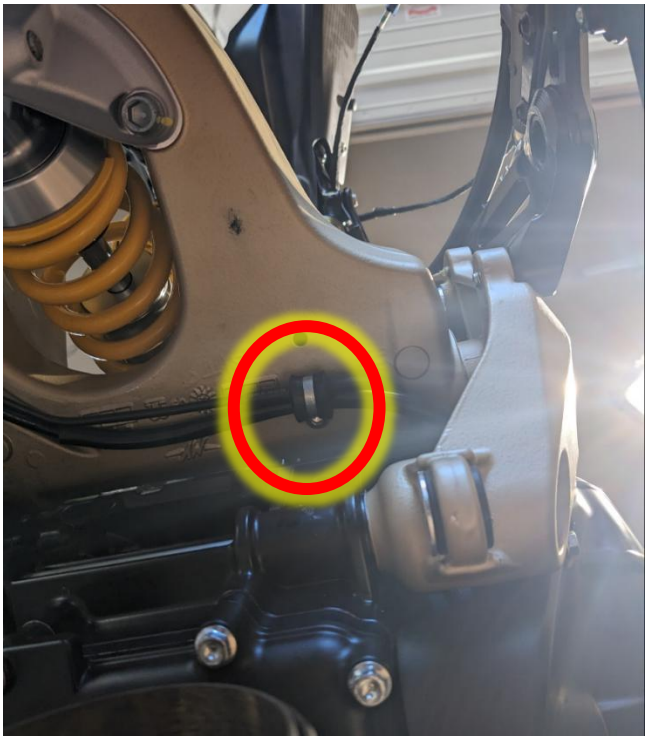


Figure 13



Figure 14

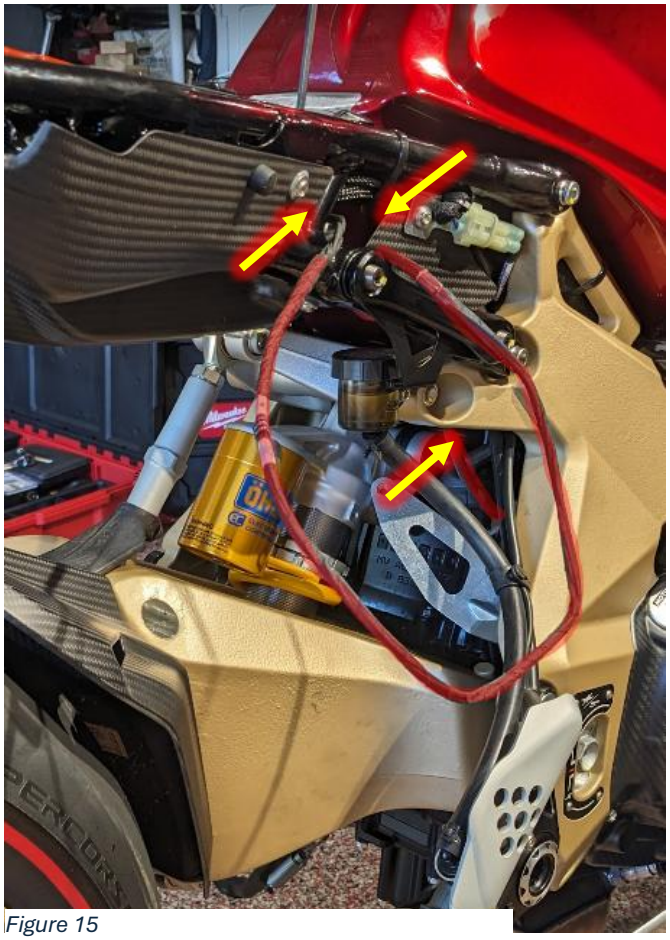


Figure 15

Brutale 1000 International Tail Tidy Install

Need help with installations? Contact us at install@abmoto.store



Figure 16

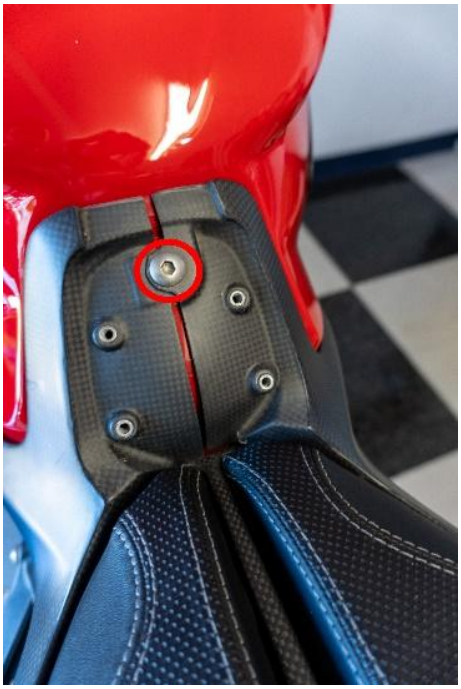


Figure 17



Figure 18



Figure 19

Brutale 1000 International Tail Tidy Install

Need help with installations? Contact us at install@abmoto.store



Figure 20

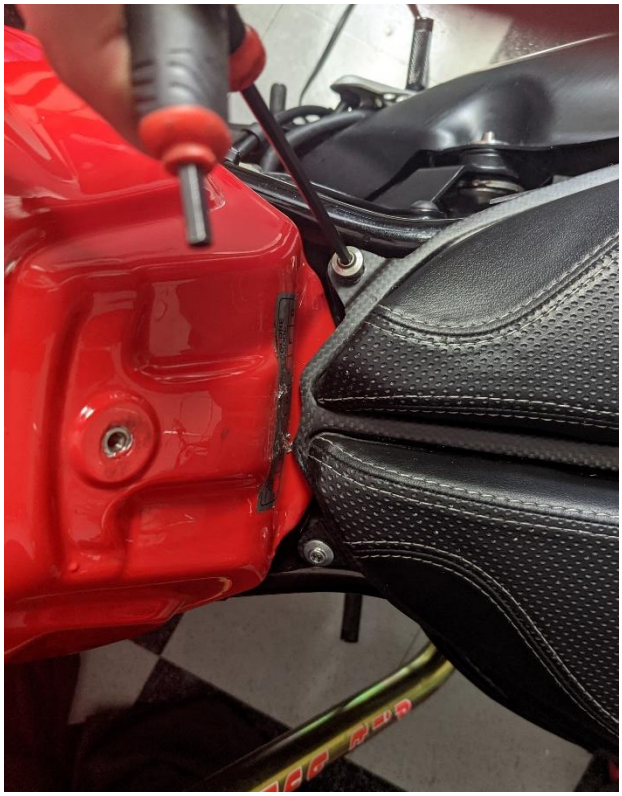


Figure 21

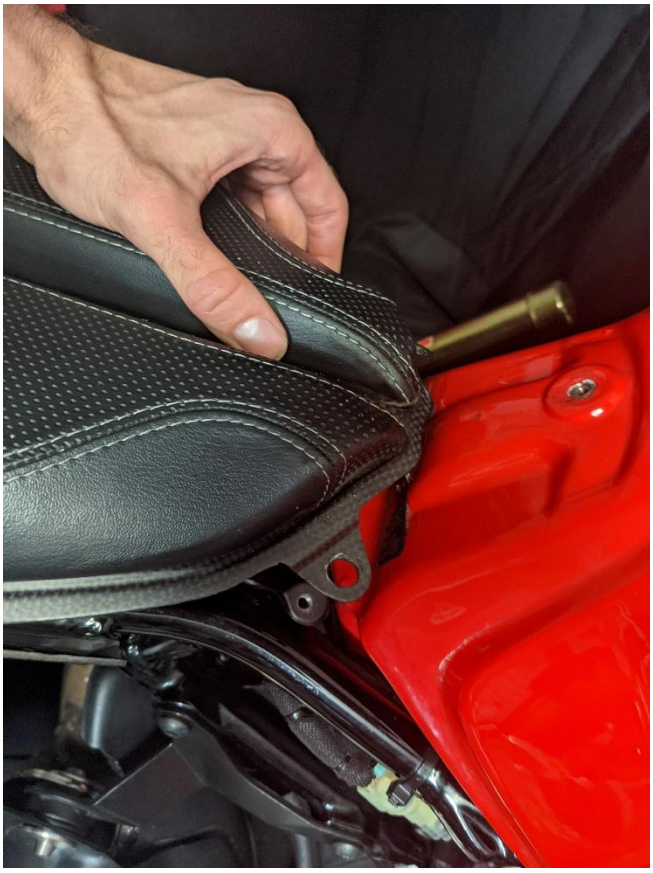


Figure 22

Brutale 1000 International Tail Tidy Install

Need help with installations? Contact us at install@abmoto.store

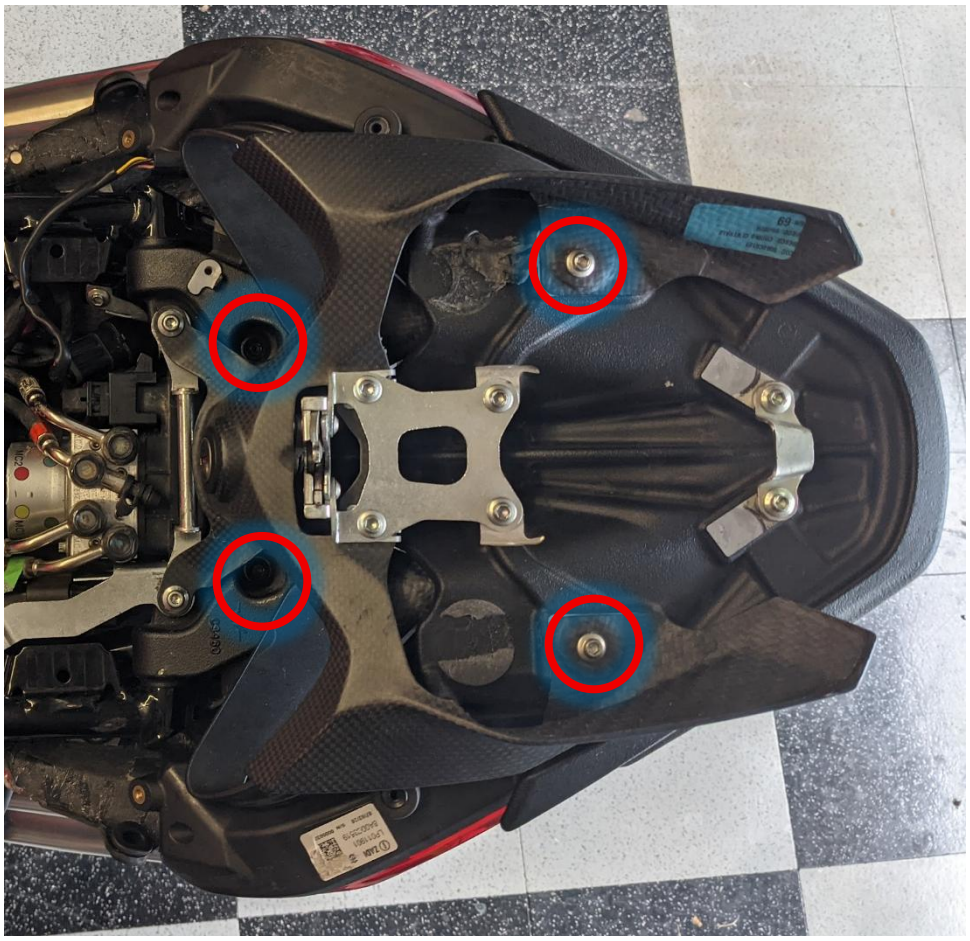


Figure 23



Figure 24

Brutale 1000 International Tail Tidy Install

Need help with installations? Contact us at install@abmoto.store



Figure 25



Figure 26



Figure 27



Figure 28

Brutale 1000 International Tail Tidy Install

Need help with installations? Contact us at install@abmoto.store

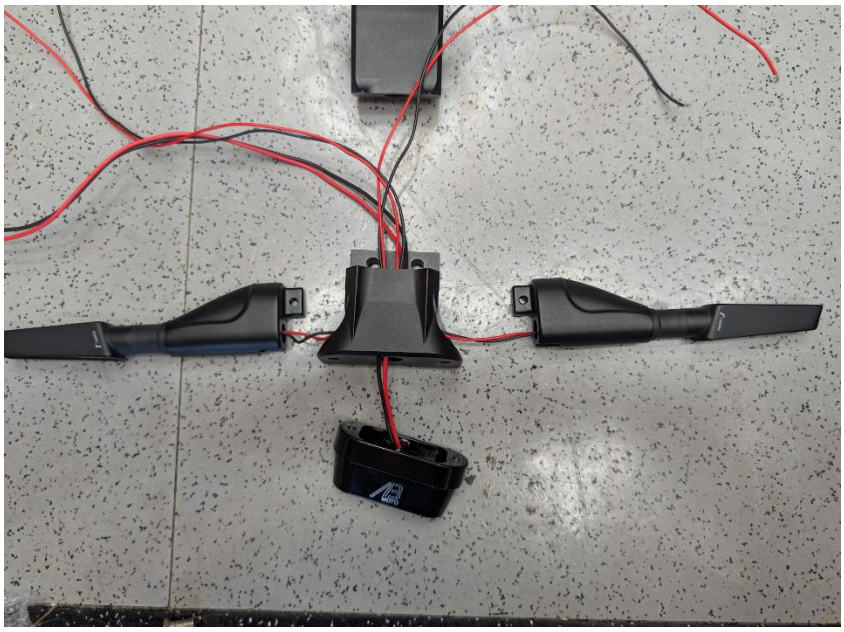


Figure 29

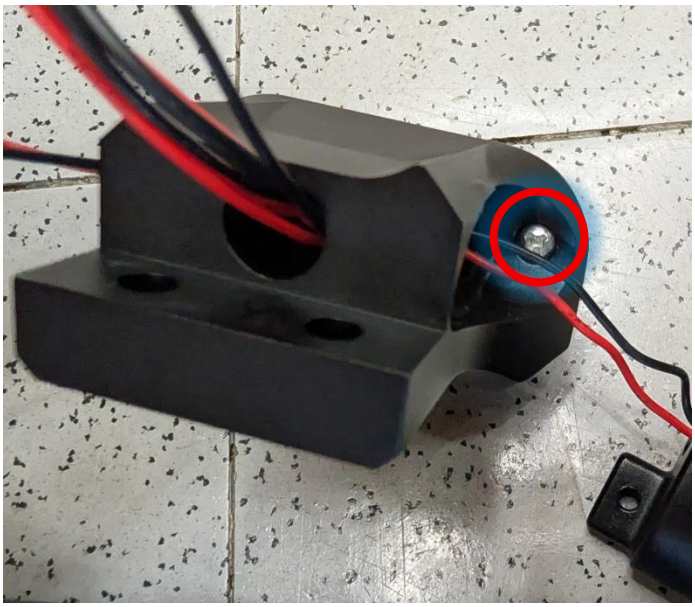


Figure 30



Figure 31



Figure 32

Brutale 1000 International Tail Tidy Install

Need help with installations? Contact us at install@abmoto.store

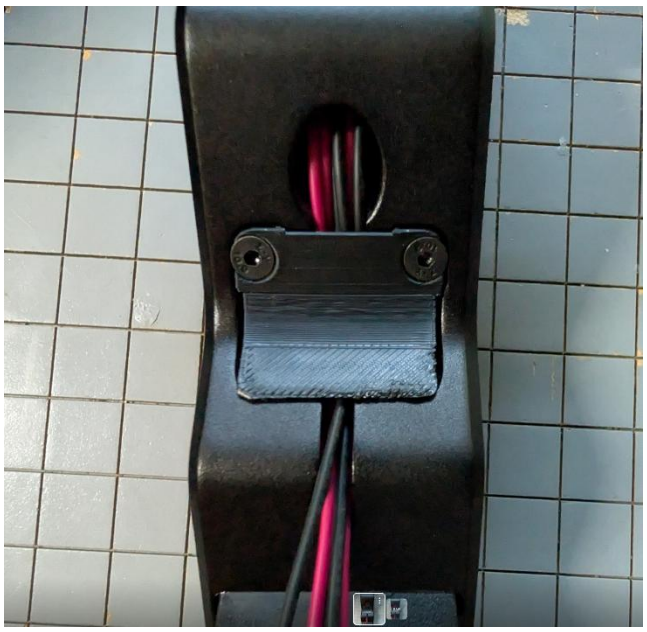


Figure 33

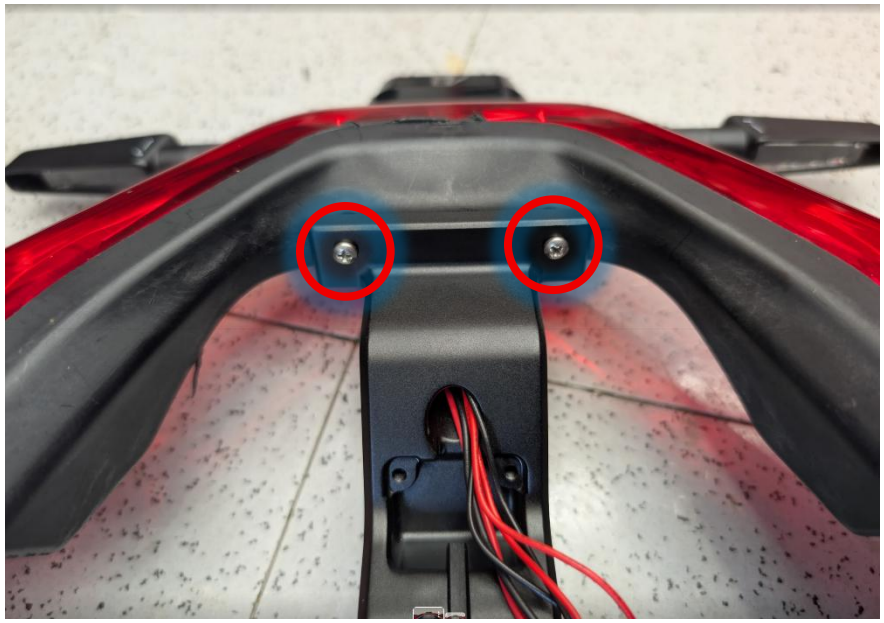


Figure 34



Figure 35



Figure 36



Figure 37

Brutale 1000 International Tail Tidy Install

Need help with installations? Contact us at install@abmoto.store

Figure 36

Figure 37

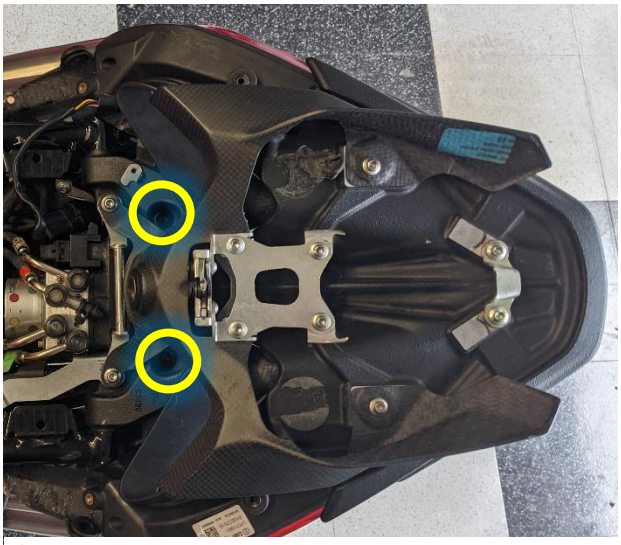


Figure 38

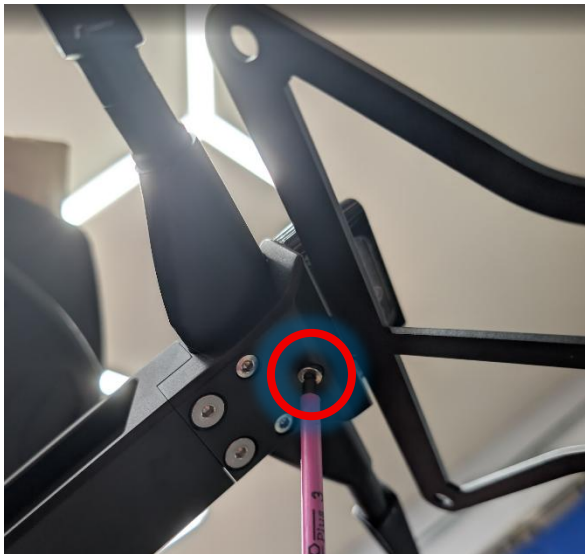


Figure 39



Figure 40



Figure 41

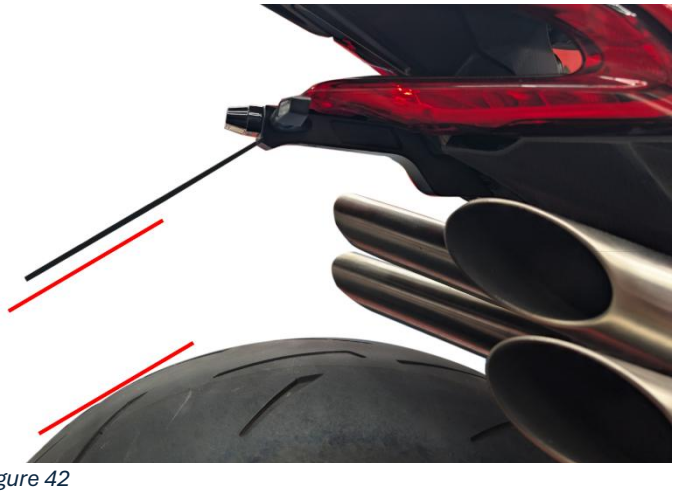


Figure 42