Rush US Fender Eliminator Instructions

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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.

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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 titanium pinch bolts. ***(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.

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Fender Eliminator Assembly and Install

1. To access the battery compartment, start by removing the 4 screws in ***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 out from the bike ***(Figure 18)*** pull the panel out and away towards the back of the bike to unhook it from the frame post ***(Figure 19)***.
4. Remove the 2 rear side-fairings. ***(Figure 20)***
5. Unscrew the two bolts holding the seat **(Figure 21)** and pull back and up to avoid scratching the fuel tank. **(Figure 22)**
6. Disconnect the taillight connector and slide the connector off the frame tab. ***(Figure 23)***
7. Remove the 2 screws (***Figure 24, #35)*** that hold on the taillight bracket ***(#34)***
8. Remove the 4 screws holding on the lock plate for easier access to the rear tail. ***(Figure 25, #29)***
9. Remove the 2 screws holding on the taillight and billet taillight bracket. ***(Figure 24, #39, #38, #1)***
10. Run the signal and license plate wires that were re-routed in previous steps into the rear tail section.
11. Remove the 4 metal spacers and 2 rubber grommets. They are no longer needed in any other steps. ***(#36 & 37 in Figure 24)***

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12. Remove the two M5x10mm screws from the bottom of the billet signal unit. ***(Figure 26)***
13. Install the billet signal light into the 2 holes of bracket ***#34 in Figure 24*** where the rubber gromets were located.
    (Fitment may be tight. Either use the included silver billet nuts and a 17mm socket to pull the signal through the holes, or widen the holes slightly in bracket ***#34*** using a drill bit.)
14. Secure the signal using the 2 silver billet nuts and a 17mm socket, but do not overtighten. ***(Figure 26)***
15. Slide the taillight wire through the center hole of the billet signal and fasten it using the 2 provided M5x25 screws. ***(Figure 26)***

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16. The license plate bracket can be run in either a tucked or non tucked position. Orientation will determine how the license light bracket attaches if using a license plate light. ***(Figure 27)***
17. If using a license plate light, run the wire through the center hole of the license light bracket and license plate bracket and screw on the license light to the license light bracket. Attach the license light bracket to the license plate bracket. ***(Figure 28 & 29)***
18. Run the license light wire into the bottom slot of the signal between the taillight and bottom carbon tail of the bike. ***(Figure 30)***
19. Connect the signal, taillight, and license light wires and reinstall the lock bracket and taillight bracket that were removed in steps 8 and 9.
20. Slide the cap that was removed in step 12 back into place and place the license plate bracket below the cap securing it using the 2 M5x10mm screws. If using the license plate bracket in the tucked position, the included foam is recommended to prevent scratching the bottom carbon fairing. ***(Figure 28,31, 32)***

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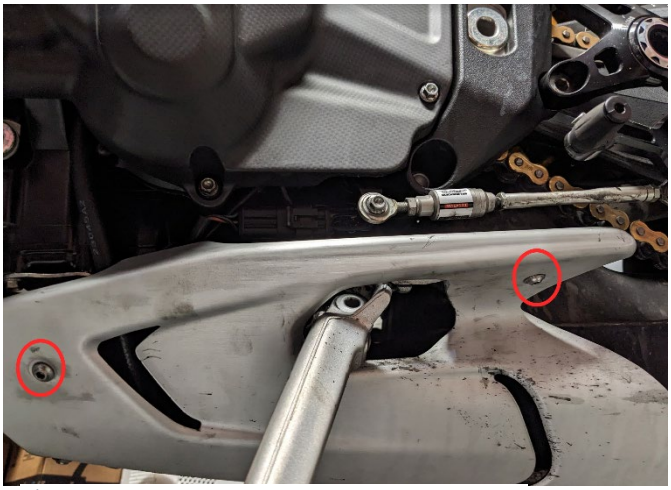


Figure 1

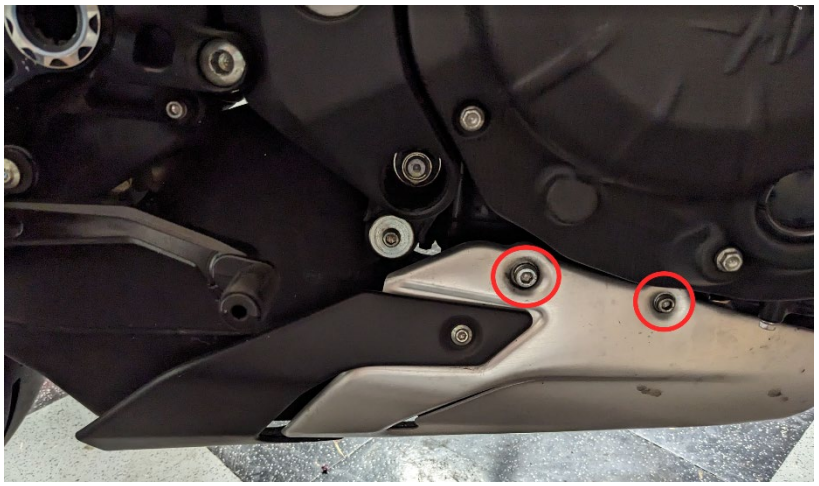


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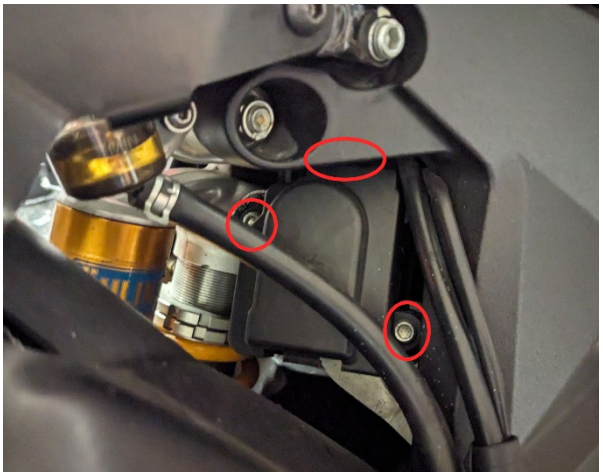


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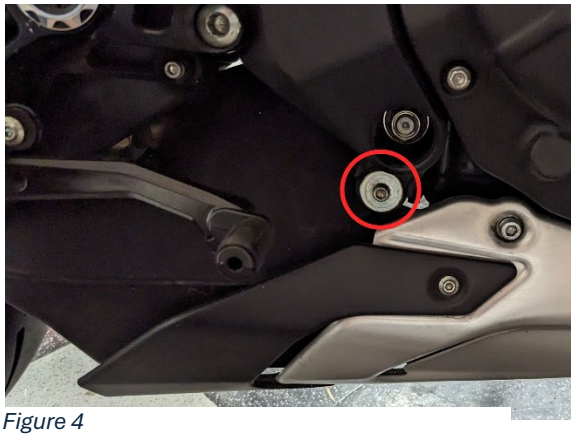


Figure 4



Figure 5

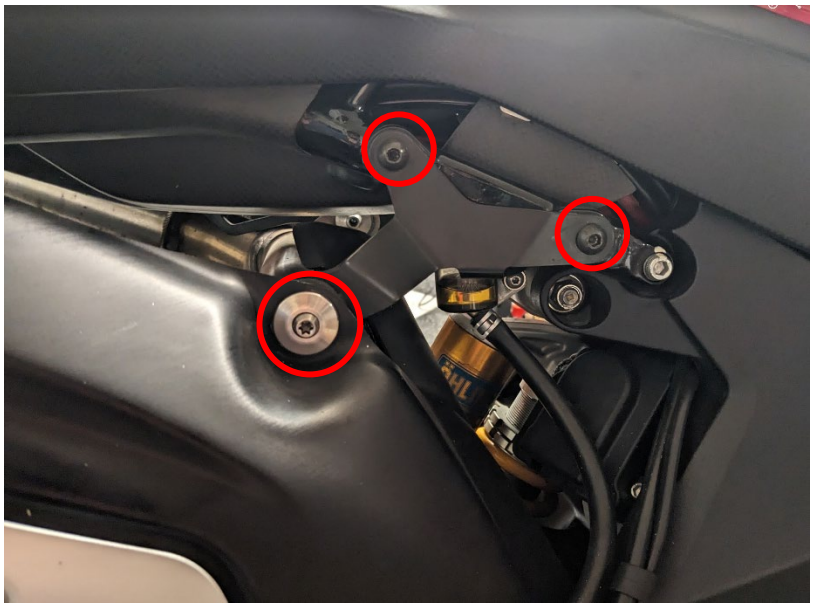


Figure 6

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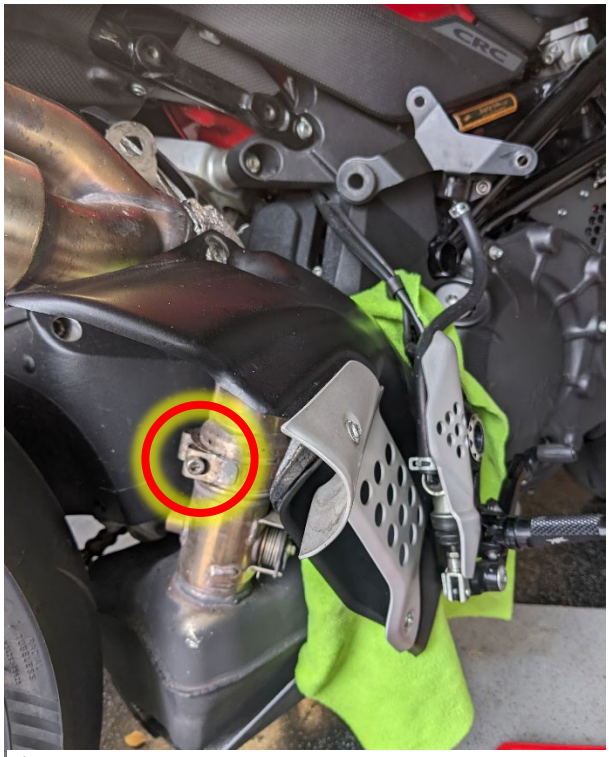


Figure 7



Figure 8

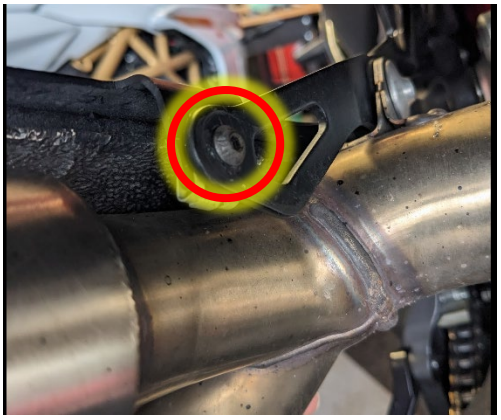


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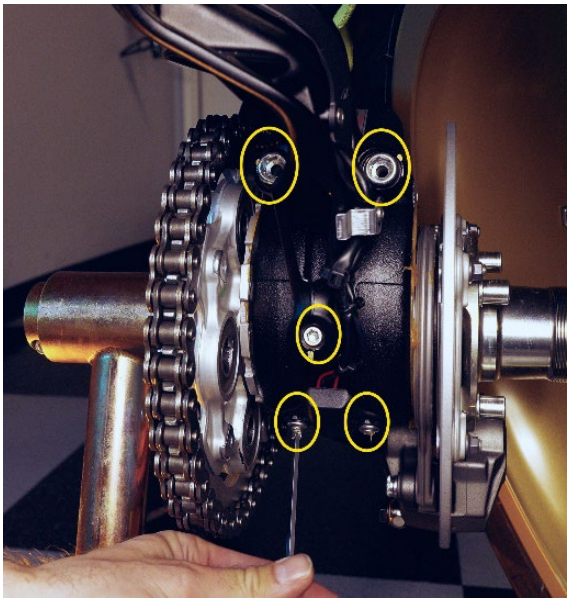


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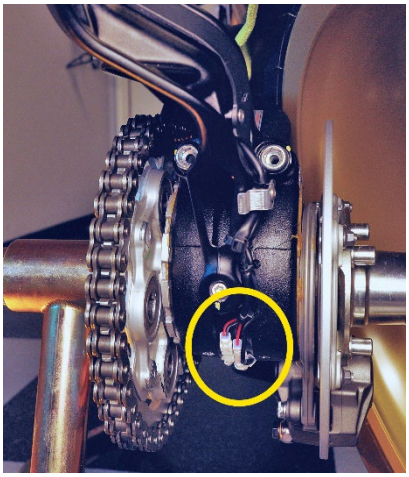


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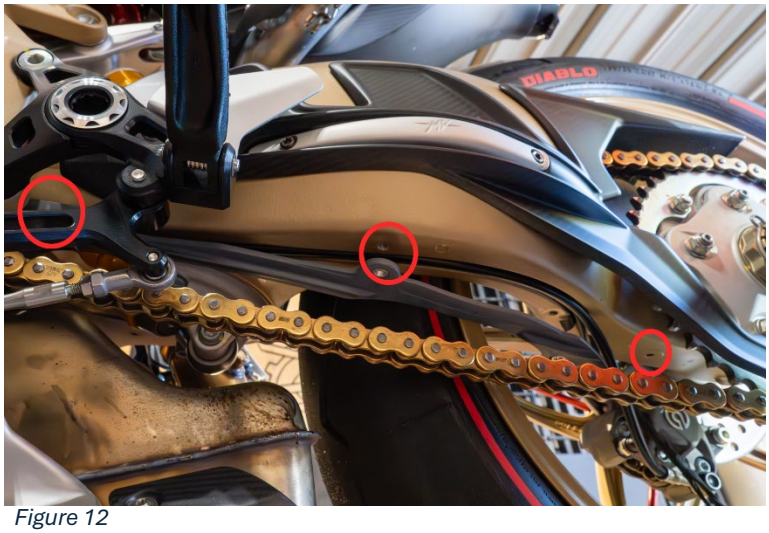


Figure 12

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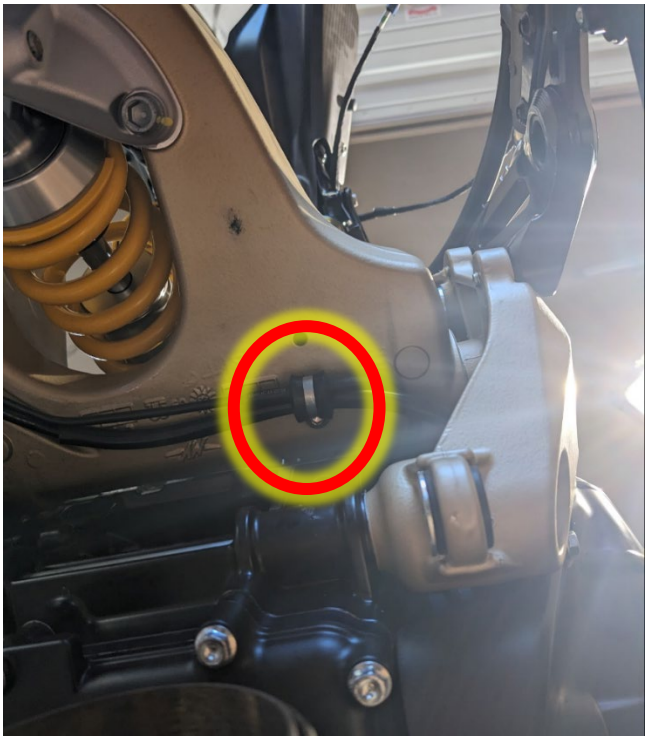


Figure 13



Figure 14

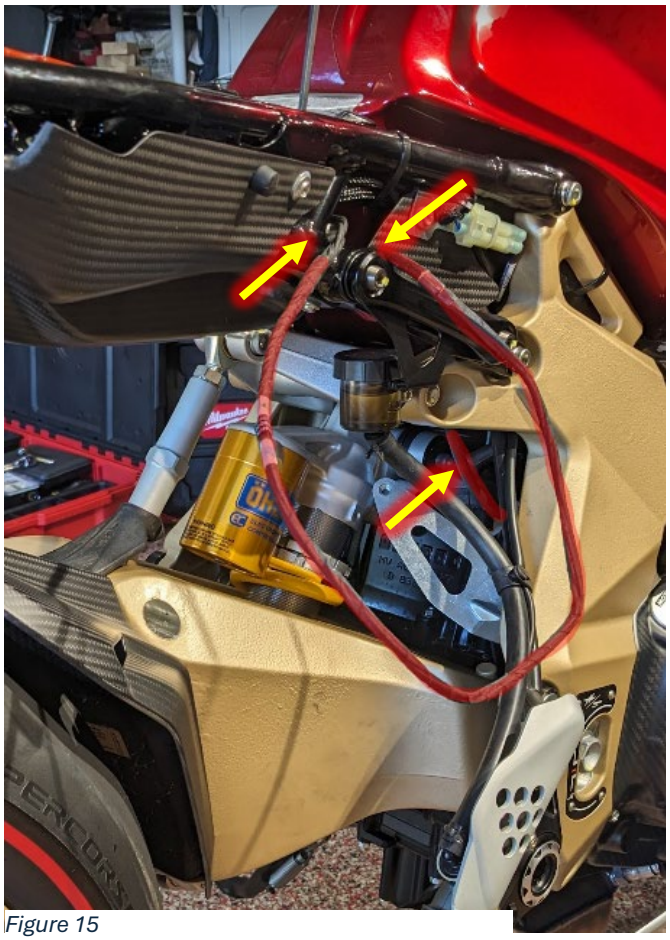


Figure 15



Figure 16

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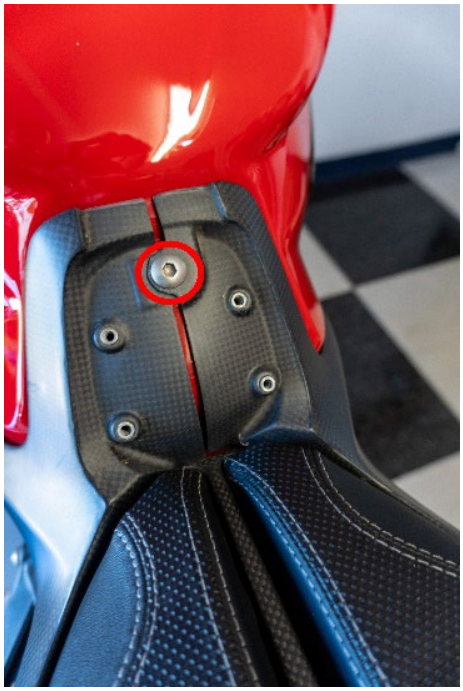


Figure 17



Figure 18



Figure 19

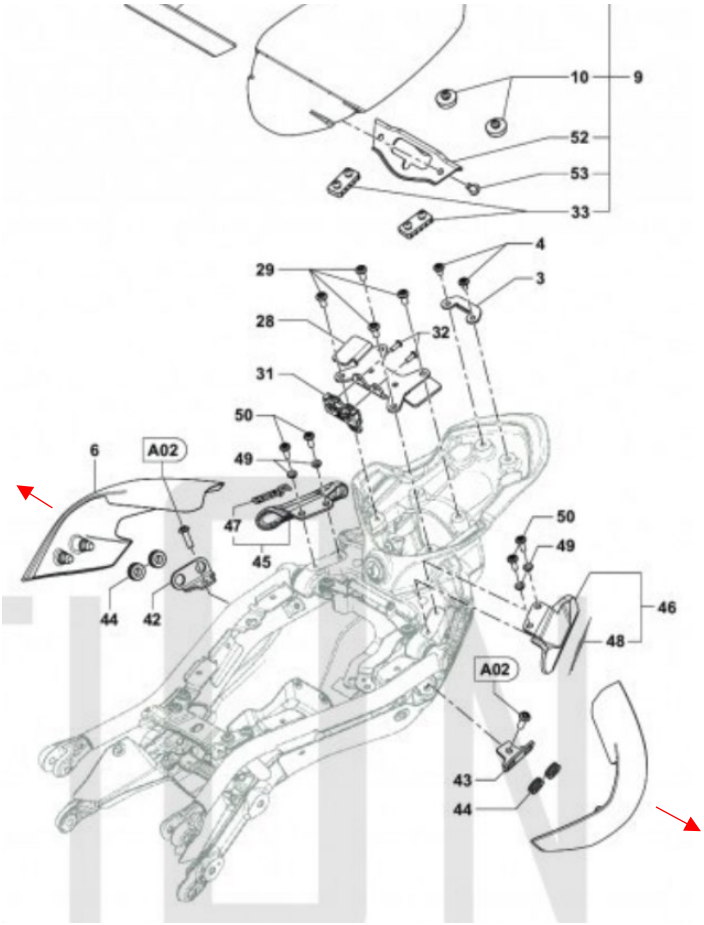


Figure 20

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Figure 21

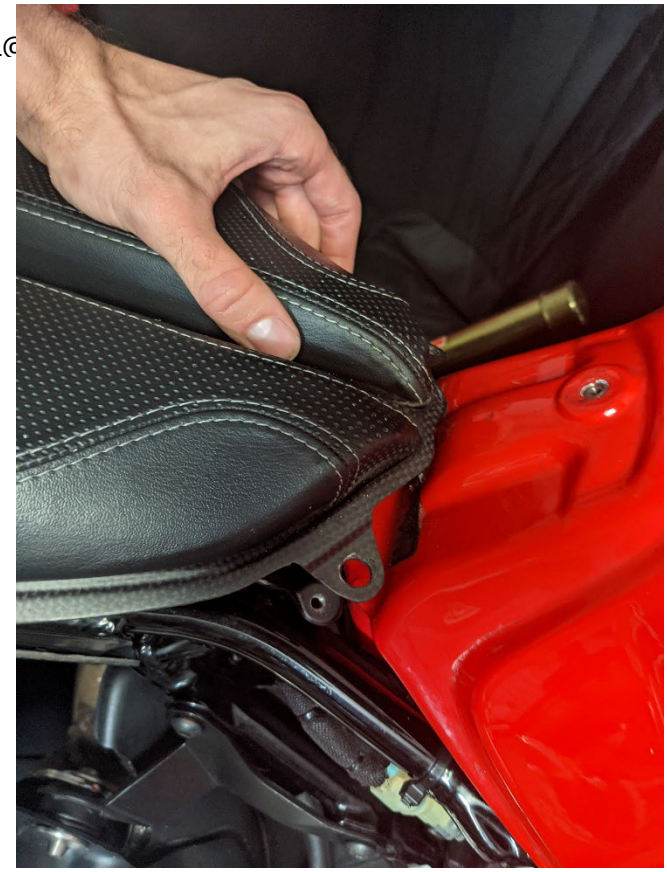


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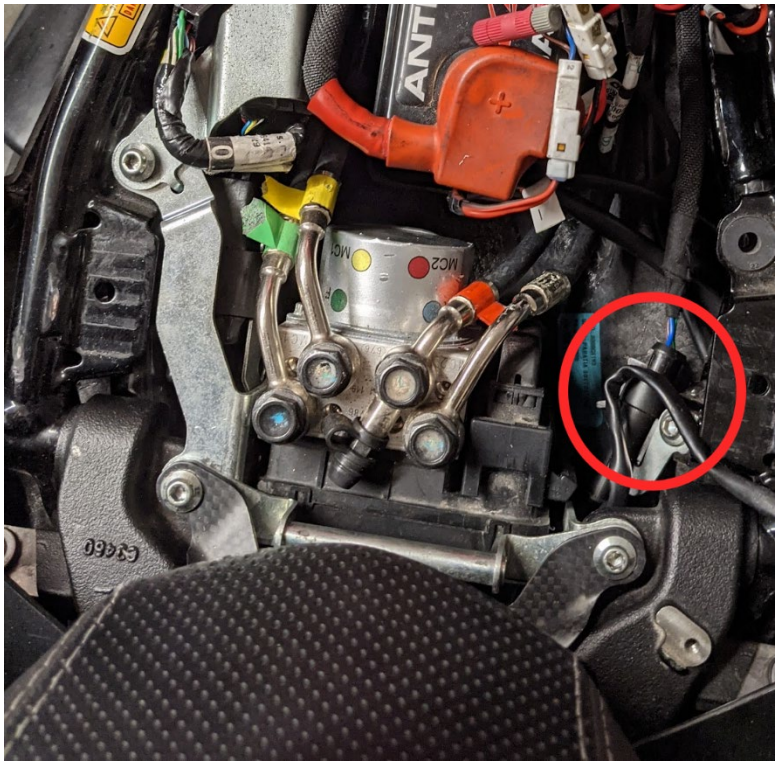


Figure 23

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Figure 24

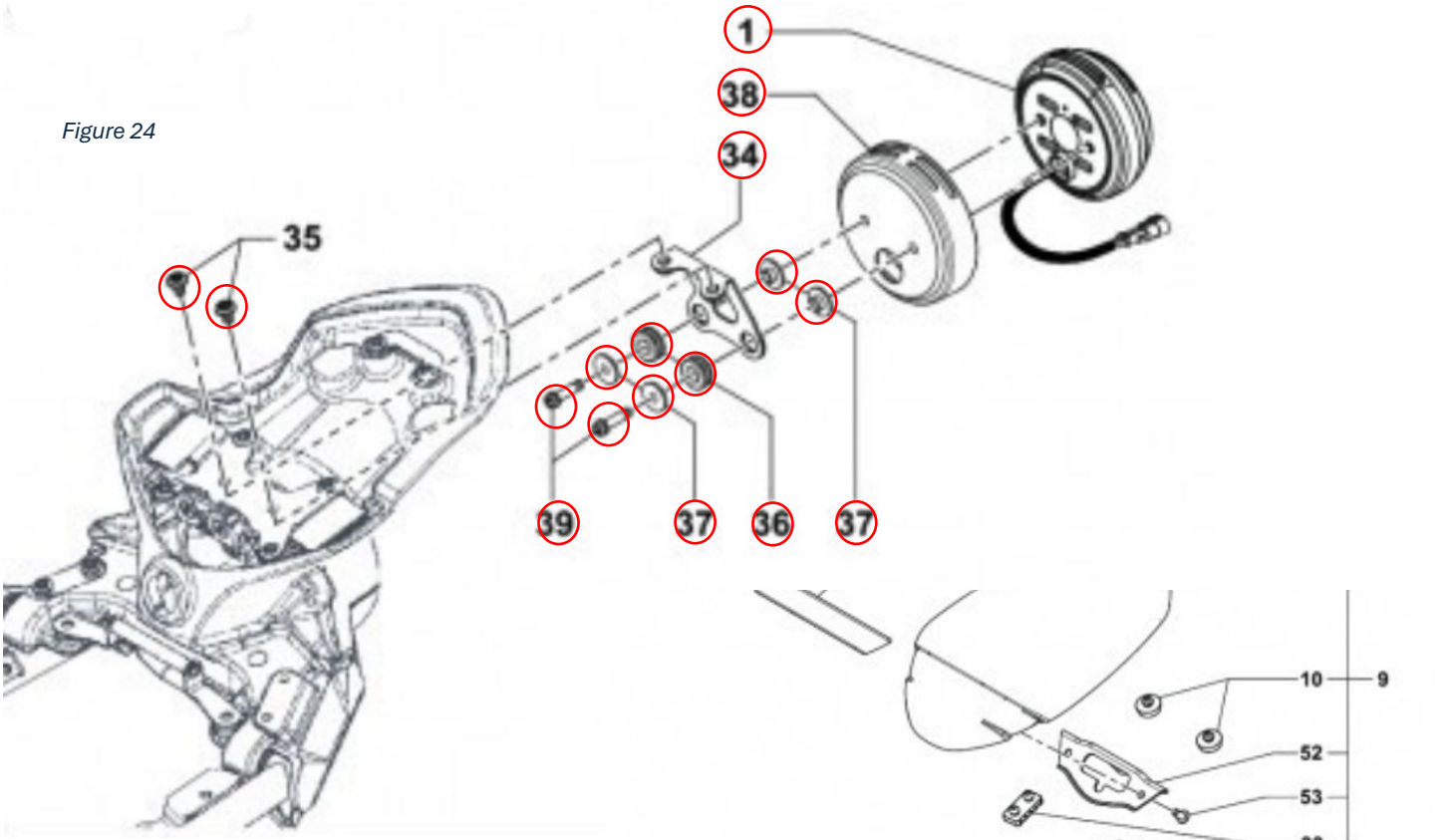
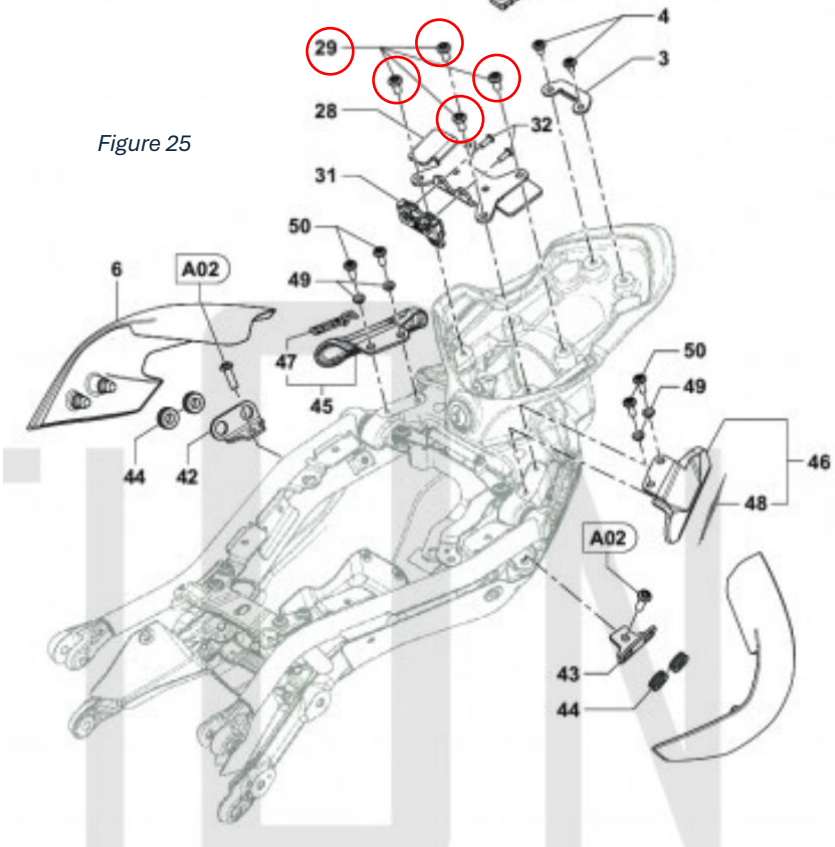


Figure 25



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Figure 26

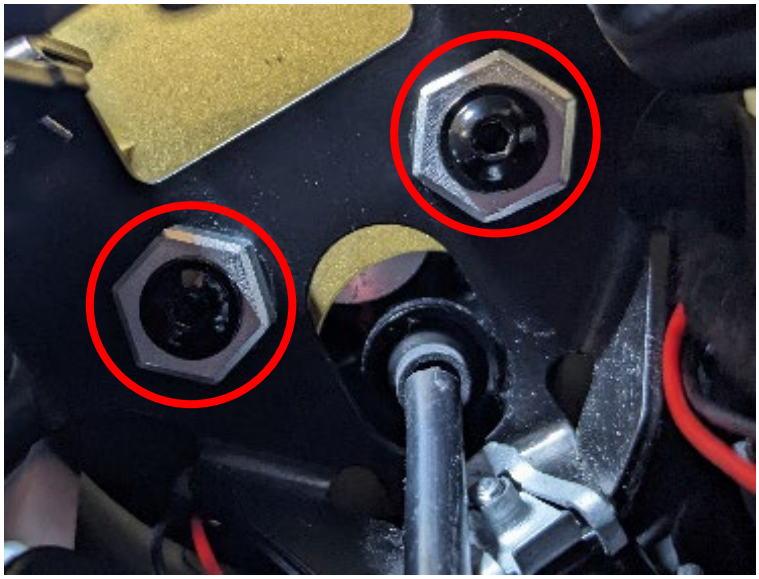


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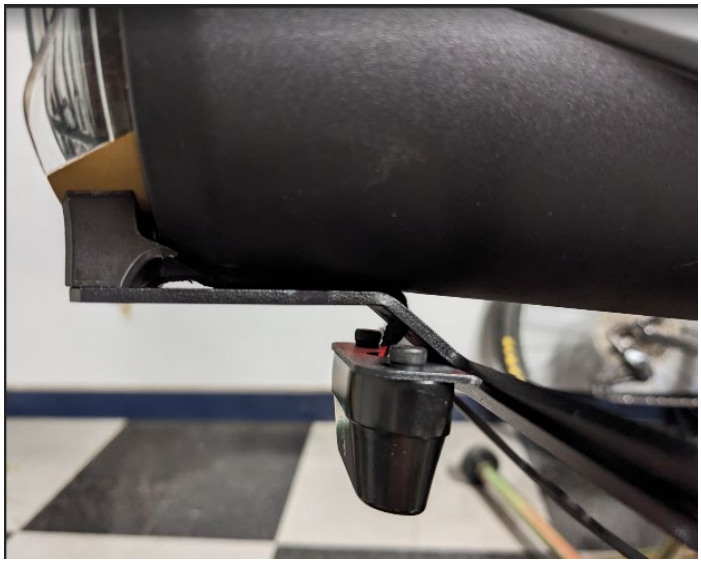


Figure 28



Figure 29

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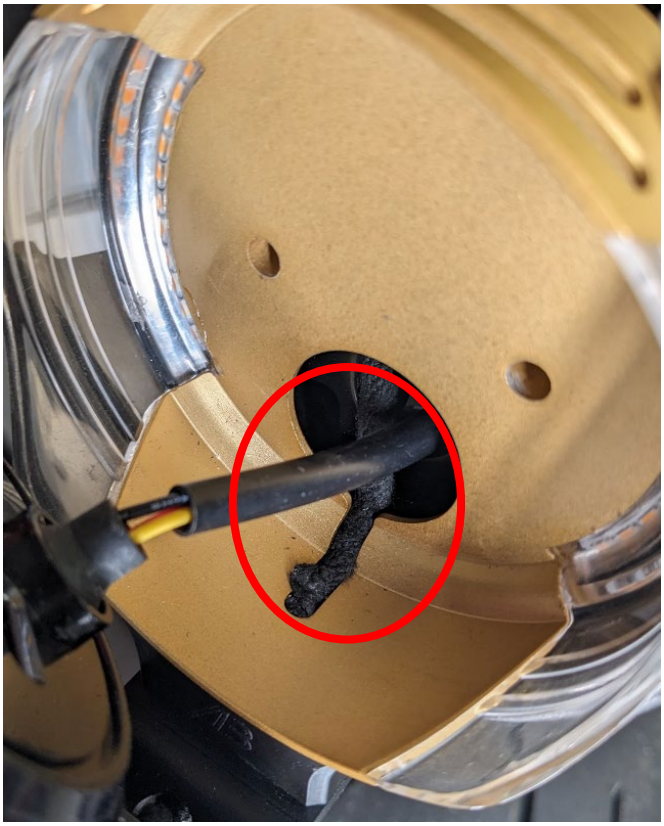


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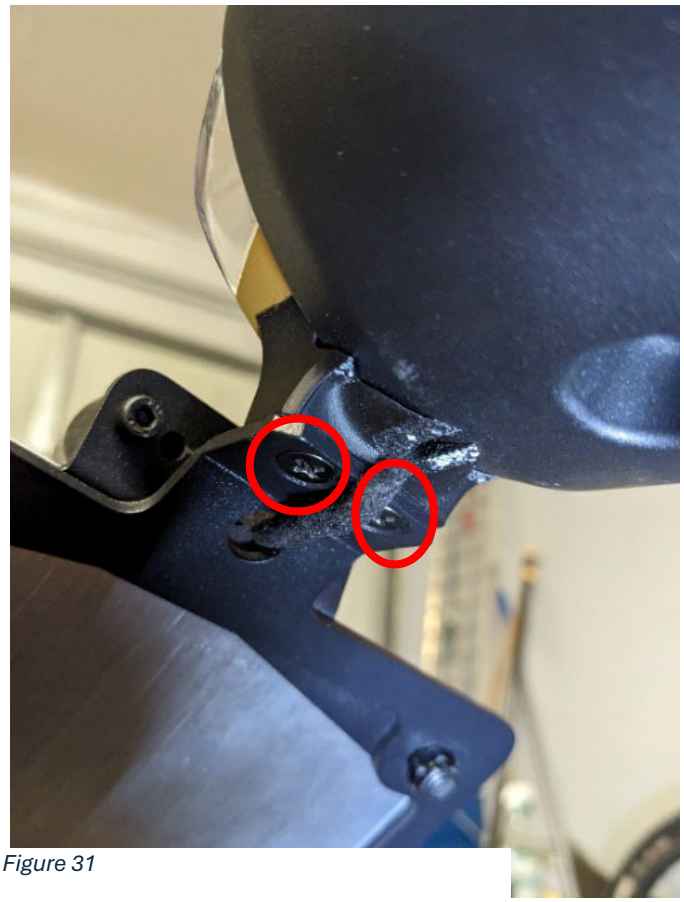


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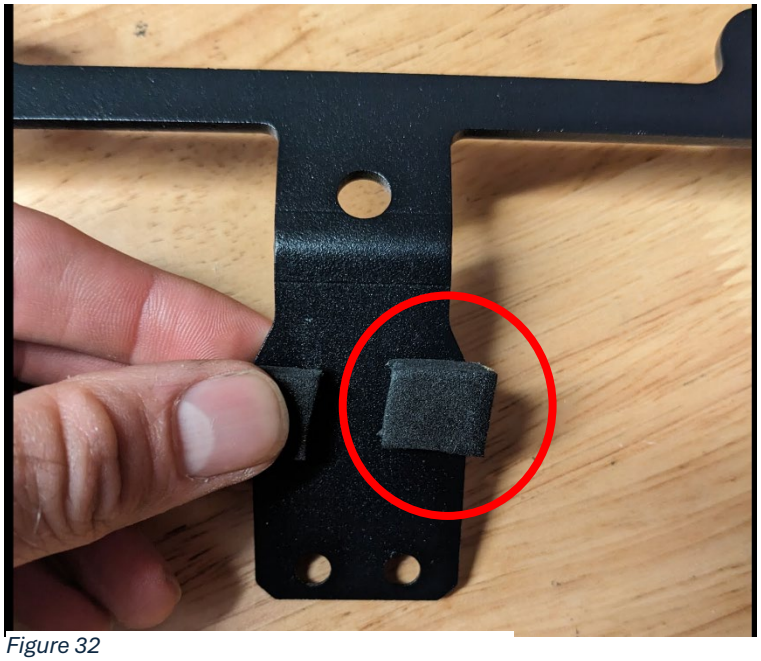


Figure 32