SV 1000 US Fender Eliminator Instructions

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Rear Plate Bracket Removal and Wire Re-routing

Exhaust Removal

1. **(Rear wheel removal is not necessary but does provide more room to remove the right-side pinch bolt in step 14)** 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 belly pan by removing the 6 Screws located on the bottom and two on both the left and right side. (**Figures 1, 2, 3, 4)** Some bolts on the bottom half of the side fairings will have to be removed to push them out of the way enough to have room to remove the belly pan bolts behind them.
3. Remove the two 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 exhaust valve servo free float in order to remove the CAT in future steps. **(Figure 5)**
4. Remove the two 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 6)***
5. Loosen the clamp holding on the slip on to the CAT. ***(Figure 7)***
6. Using your MV key, remove the passenger seat cover and then the rider seat.
7. Unscrew the 4 M3 screws. Lift belt and belt cover up to the top of the tank. Remove the M5 screw located behind the belt cover holding on the two rear side fairings. ***(Figure 8 & 9)***
8. Remove the 4 bolts at the top of the rear frame and the 4 holding on the key plate. ***(Figure 10)***
9. Remove the 2 rear side fairing by pulling the rear most section out from the rubber grommets. Pull the front section back towards the rear of the bike to unhook them from the trellis frame. ***(Figure 11 & 12)***
10. Remove the 2 screws on both the left and right side holding on the exhaust to the rear frame. ***(Figure 13)***
11. Slide the slip-on exhaust from the CAT and off the bike by running it between the rear tire and carbon tail. Placing a cloth over the top of the connecting pipe running to the right-side silencers (between the rear tire and carbon fiber tail) is suggested to not scuff the bottom carbon fiber tail.
12. Pull the cat towards the rear wheel to remove it.

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13. Remove the 2 screws holding on the small wire cover where the signal and license light wires connect. Disconnect the wires. ***(Figure 14 & 15)***
14. Remove the 3 bolts holding on the license plate bracket and remove the bracket. ***(Figure 15)***
15. Remove the 3 screws holding on the plastic wire cover that runs along the swingarm. Remove the signal and license light wire. Reinstall cover over rear brake and speed sensor wire. ***(Figure 16)***
16. 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 17)***
17. Look through where the exhaust valve servo was removed. Wiggle the signal and license plate light wires to identify them and pull them through into the bottom section of the bike into the battery/abs compartment. ***(Figure 18 & 19)***
18. Remove 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. Remove the 2 screws connecting the tail frame to the carbon tail. ***(Figure 20)***
2. Remove the 2 screws holding the rider seat connecting plate. Remove the 1 screw next to the battery and ABS unit. Lift the ABS and run the signal and license plate light wires below it and to the rear of the bike. ***(Figure 21)***
3. Cut the zip tie holding the taillight wire and disconnect the taillight. ***(Figure 22)***
4. Disconnect the battery charging and data cables from the end caps. ***(Figure 23)***
5. Remove the 2 bolts on both the left and right side holding on the tail frame. Remove the tail frame. ***(Figure 24)***
6. Remove the 2 screws holding the taillight and billet taillight surround. ***(Figure 25)***
7. Remove the 4 metal spacers and 2 rubber grommets that the two screws, removed in the previous step, fit through.
8. Remove the two M5x10mm screws from the bottom of the billet signal unit and remove the cap. ***(Figure 26)***
9. Run the signal wires through the center hole where the taillight wire runs. If using a license plate light, run the wire through the center holes of the license light bracket and license plate bracket. Run the license light wire through the bottom slot in the billet signal and through the taillight wire center hole and into the bike. ***(Figure 27)*** *Refer to step 14 if using the wire cover for the regular bracket option.*
10. Install the threaded signal light posts into the 2 holes where the rubber gromets were located. Fitment may be tight. Push slightly on the signal until one screw post is through enough to install the included silver billet nut with a 17mm socket. ***(Figure 28)*** Tighten the screw enough to pull the other post through and install the other billet nut on the remaining post. Secure both, but do not overtighten.
11. Run the 2 provided black M5 x 25mm screws through the billet aluminum nuts and fasten the taillight. ***(Figure 29)***
12. Slide the cap back into place and place the license plate bracket below the cap securing it using the two removed M5x10mm screws removed in step 8. ***(Figure 30)***
13. If using the tucked bracket make sure to place the provided foam on the back of the bracket as shown in ***Figure 31 & 32*** so that the bracket does not hit the carbon fiber and to prevent the bracket from over flexing the bottom part of the billet signal.
14. If using the wire cover for the regular bracket, attach the included light to the license light bracket. ***(Figure 33).***
    - Slide the wire through the license plate bracket center hole. ***(Figure 34)***
    - Place the license plate bracket inside the top half of the cover. ***(Figure 34)***
    - Fit the license light bracket into the wire cover slot, it will later be secured when attaching the license plate ***(Figure 33)***
    - Slide the top half of the cover onto the bottom of the billet signal and attach it using the two M5x10mm screws removed in step 8. ***(Figure 34)***
    - Re-attach the bottom of the wire cover.

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Figure 1



Figure 2

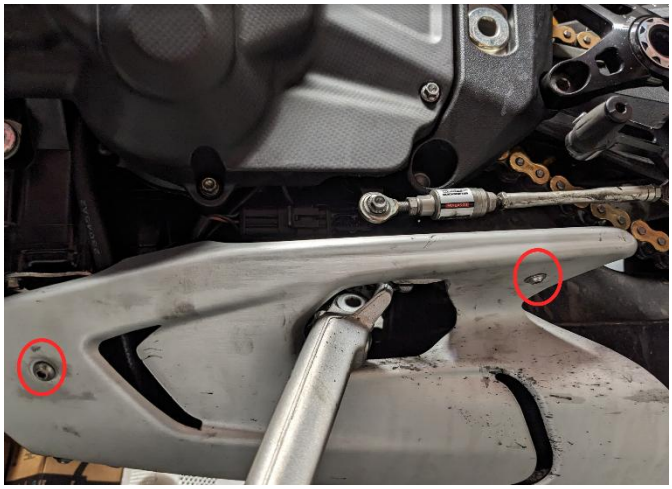


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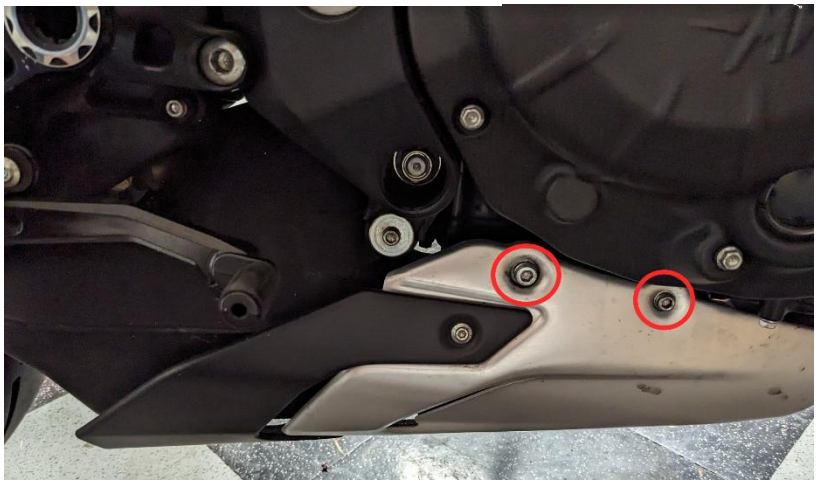


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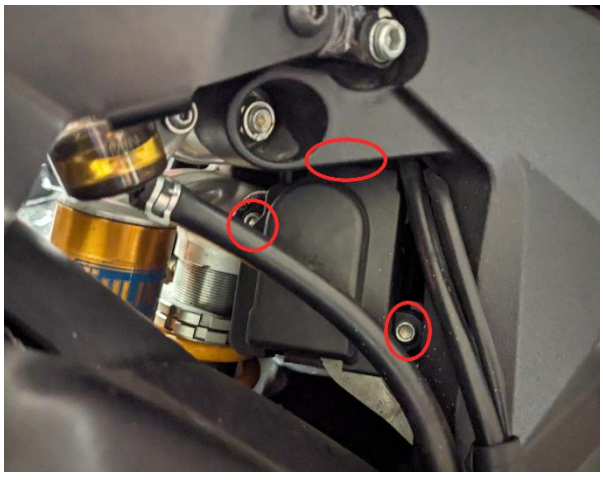


Figure 5



Figure 6

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Figure 7



Figure 8

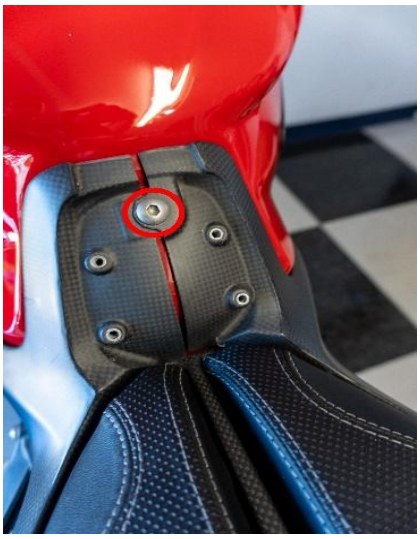


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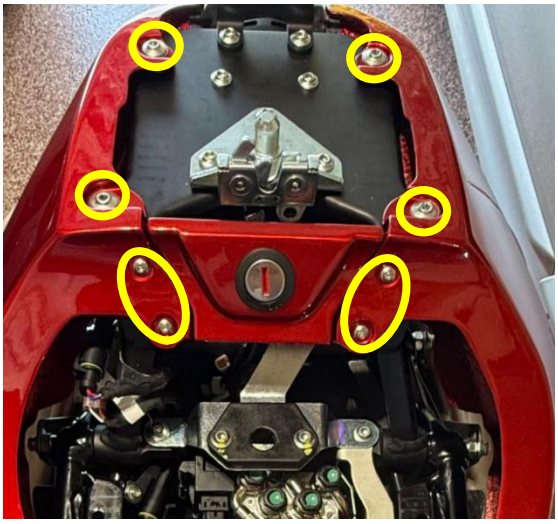


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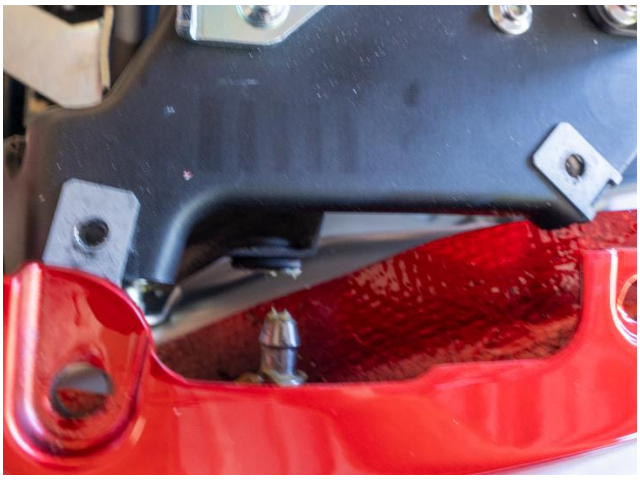


Figure 11



Figure 12

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Figure 13

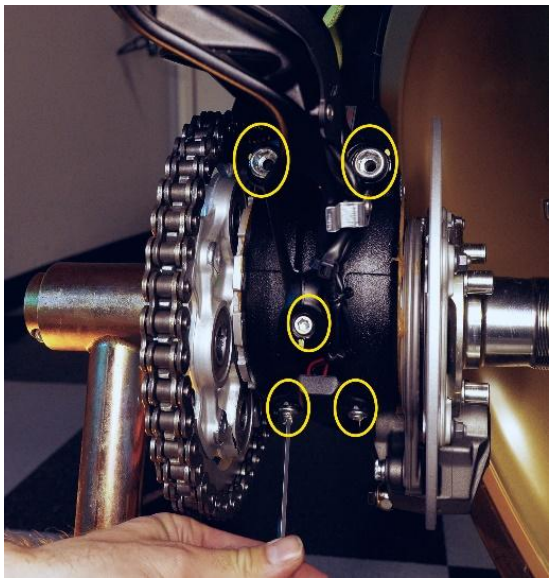


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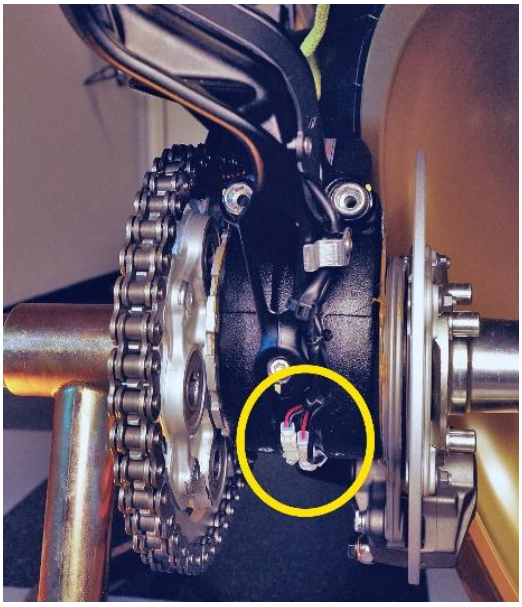


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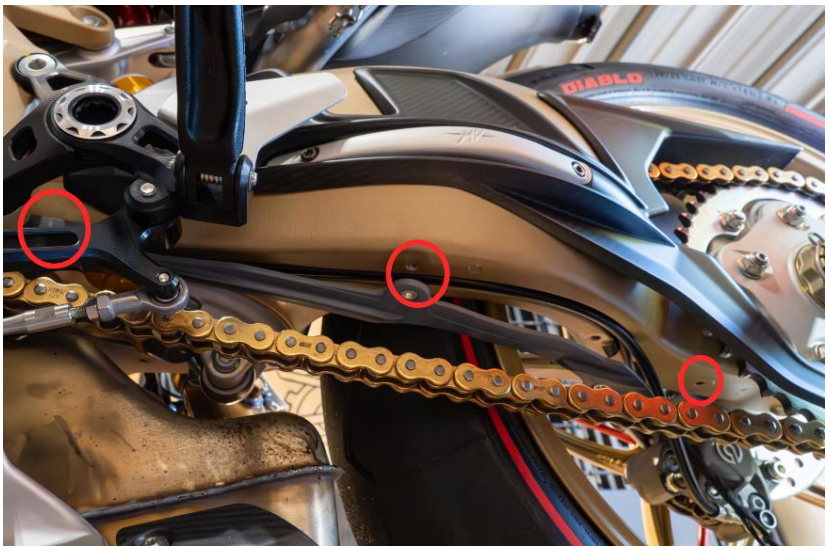


Figure 16

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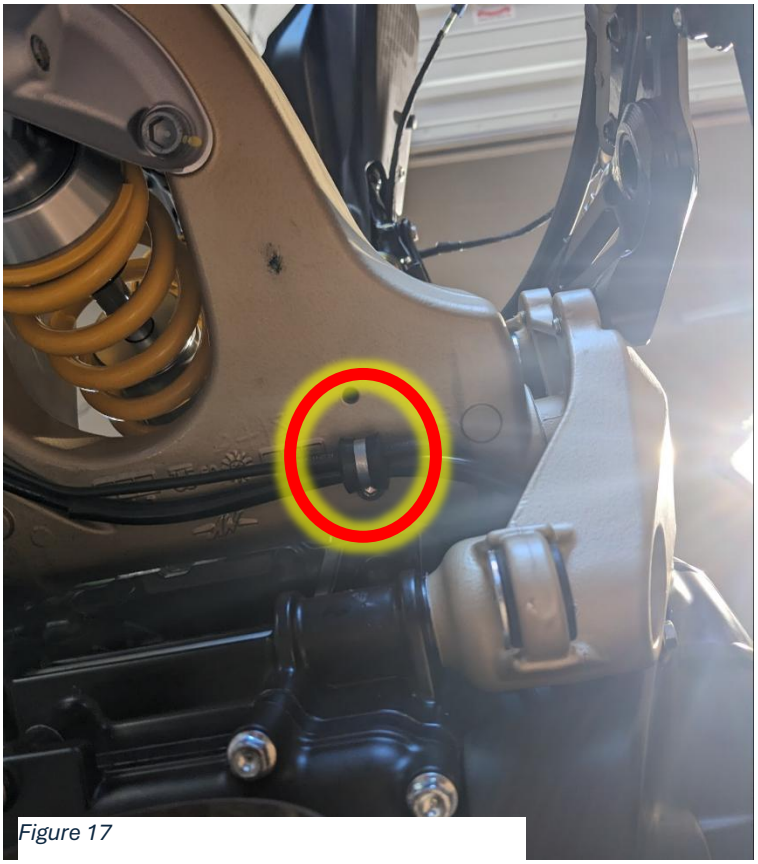


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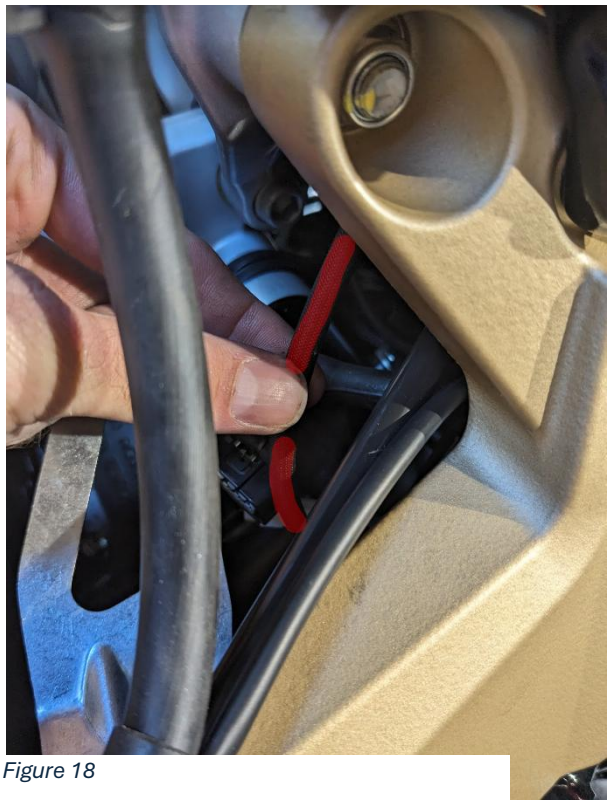


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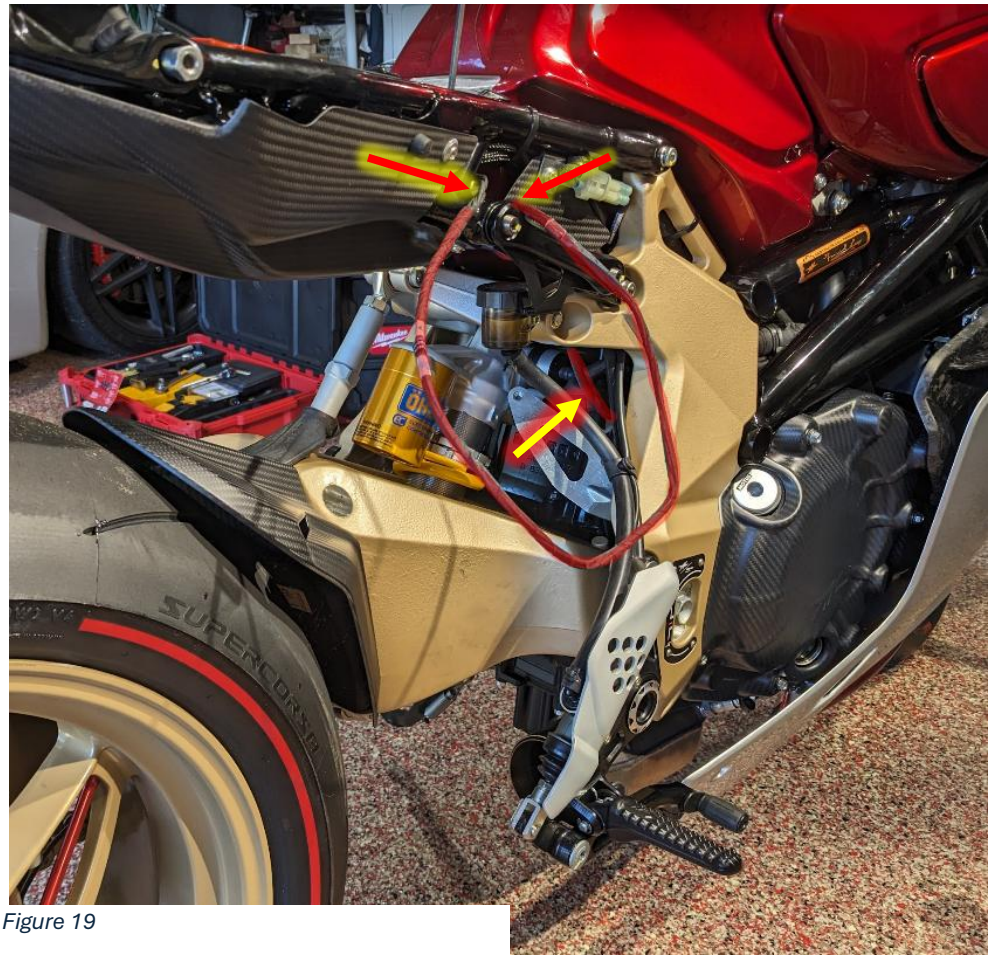


Figure 19

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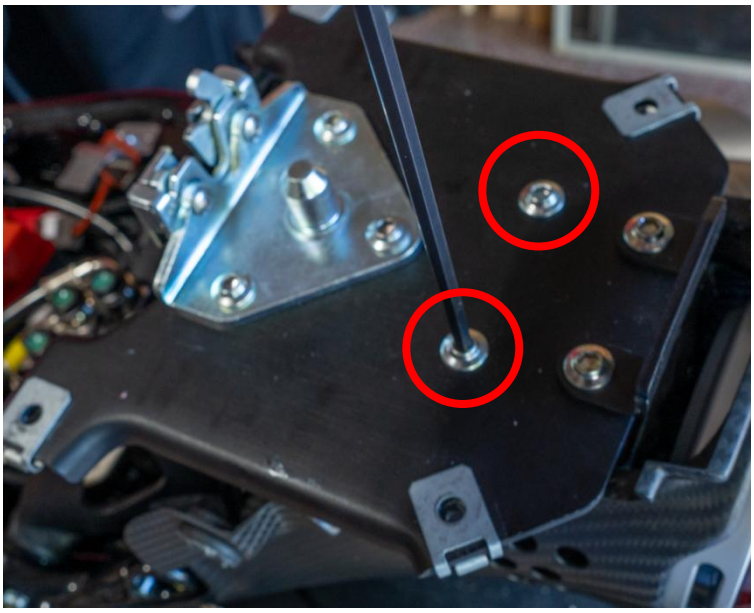


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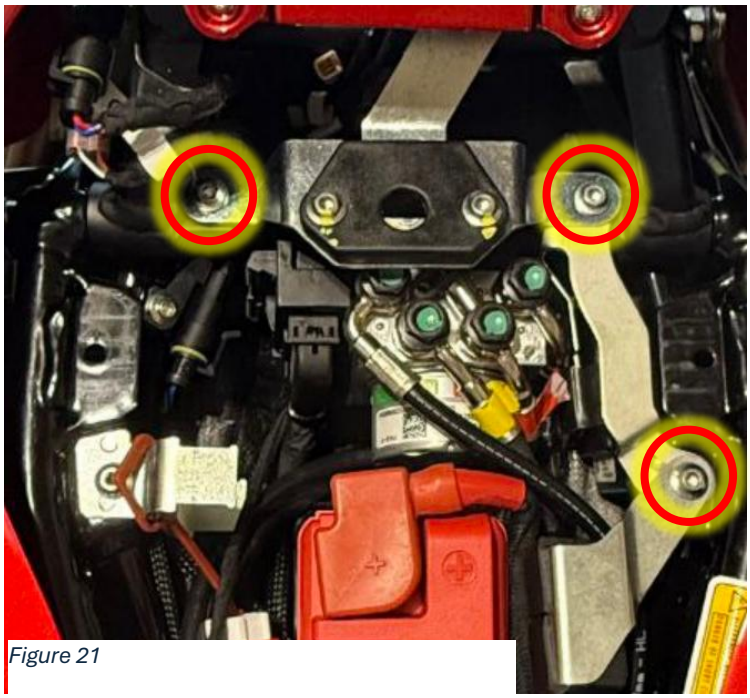


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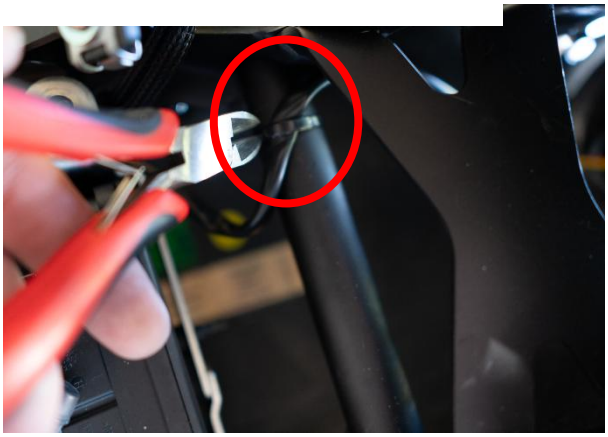


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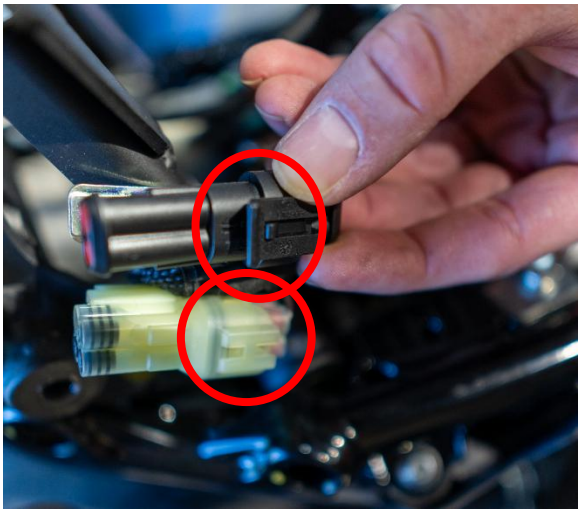


Figure 23



Figure 24

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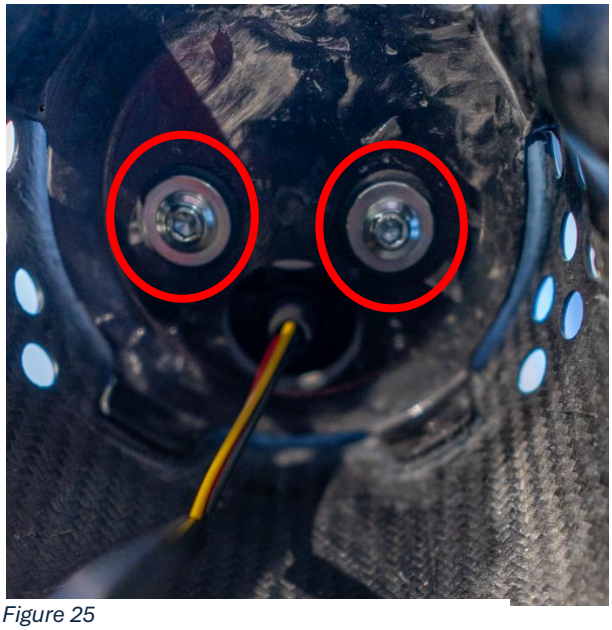


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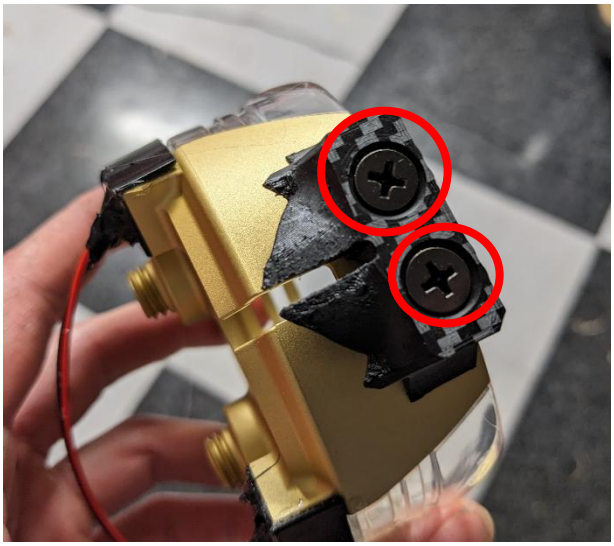


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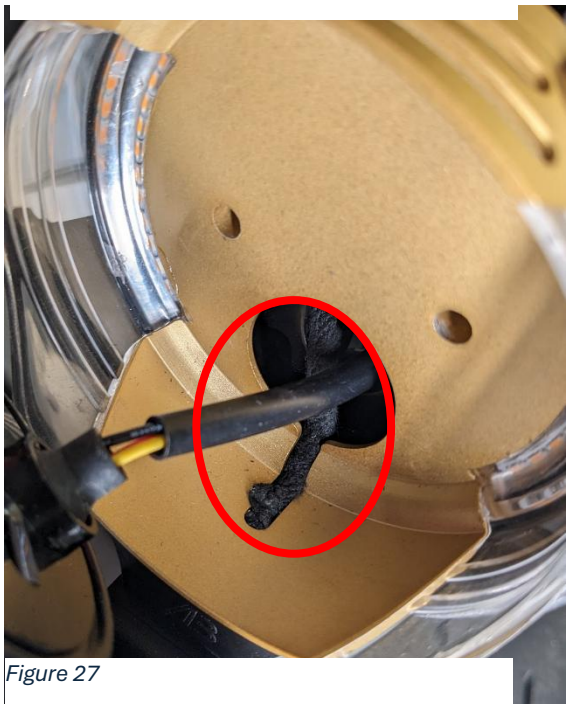


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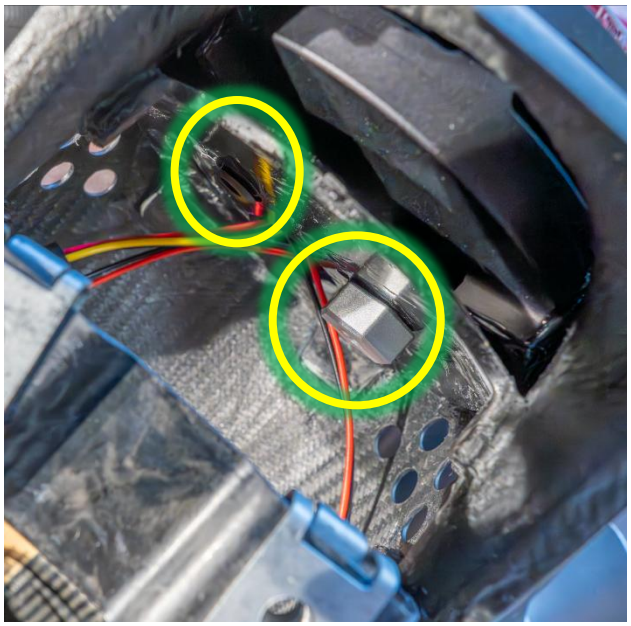


Figure 28

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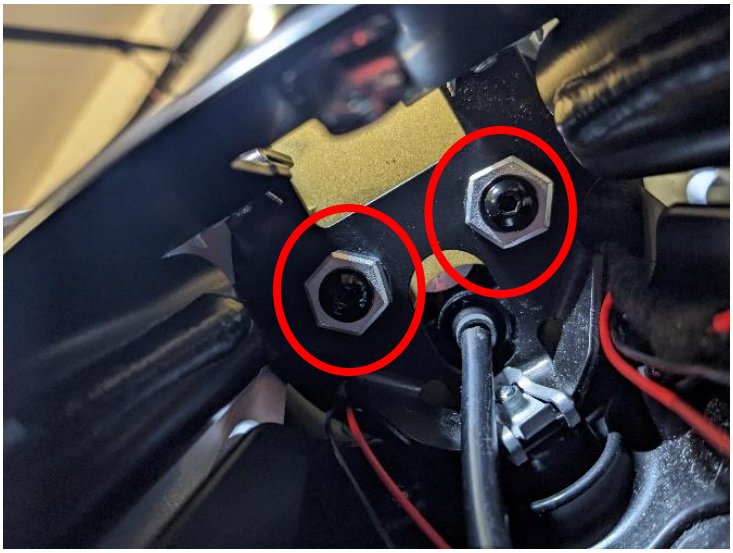


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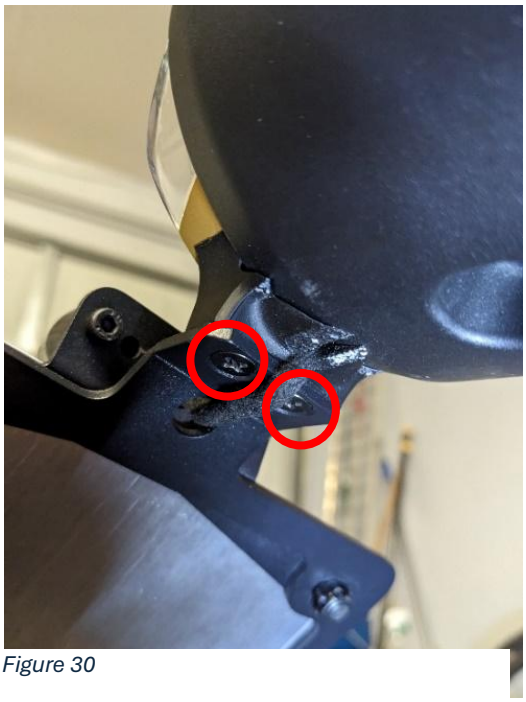


Figure 30



Figure 31

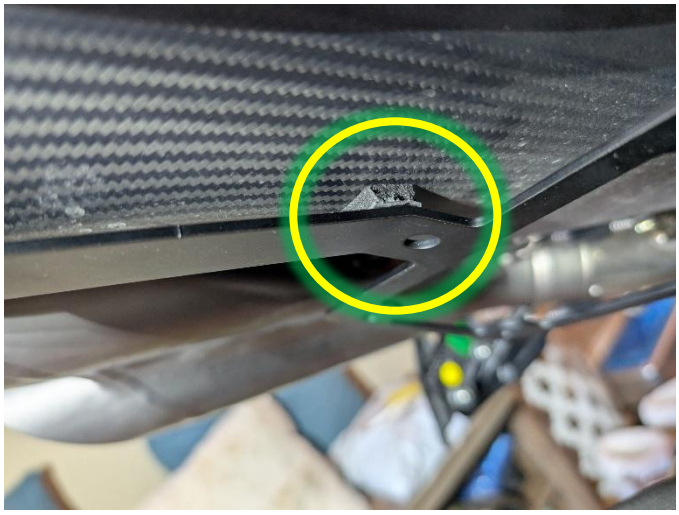


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Figure 33



Figure 34