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P/N: VM-YM910



## ***Yamaha MT-09 (2021+) Fender Eliminator Installation Instructions***

**TOOLS REQUIRED:**

- Phillips screwdriver
- Flush cutters or dikes
- 10mm socket and driver
- Needle nose pliers
- 4mm, 5mm allen wrenches

**PARTS INCLUDED:**

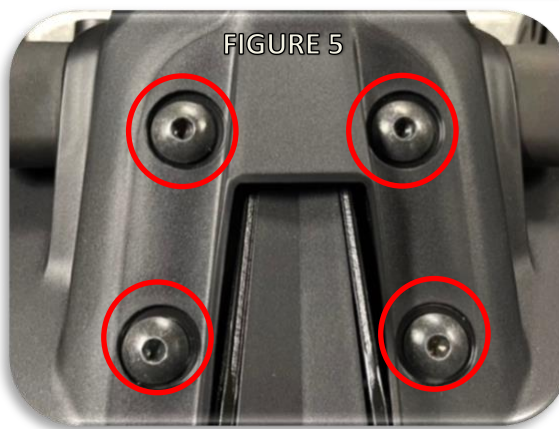
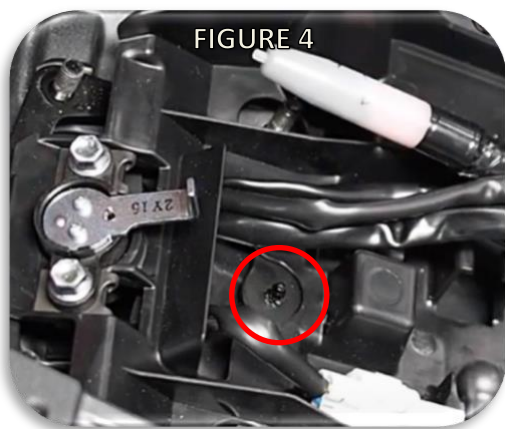
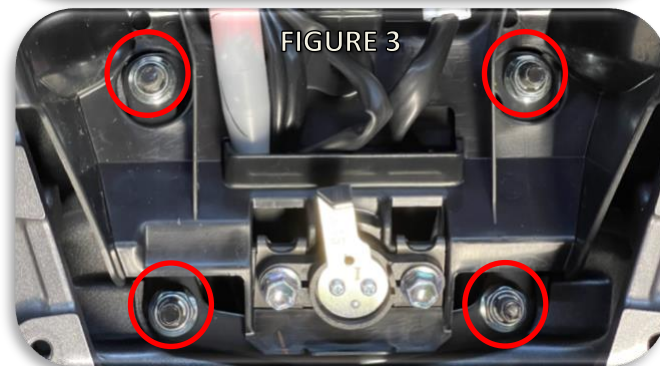
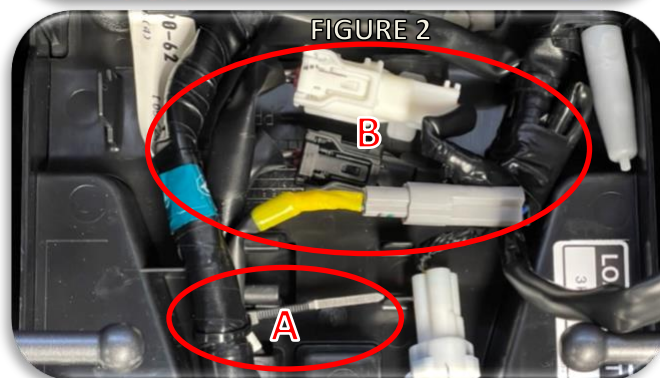
- Fender Eliminator
- 1X Rubber Grommet
- 2X Turn Signal Spacers
- 1X Rubber Slit Grommet
- 2X Cable Tie Mounts
- 2X Rubber Bumpers
- 3X Cable Ties

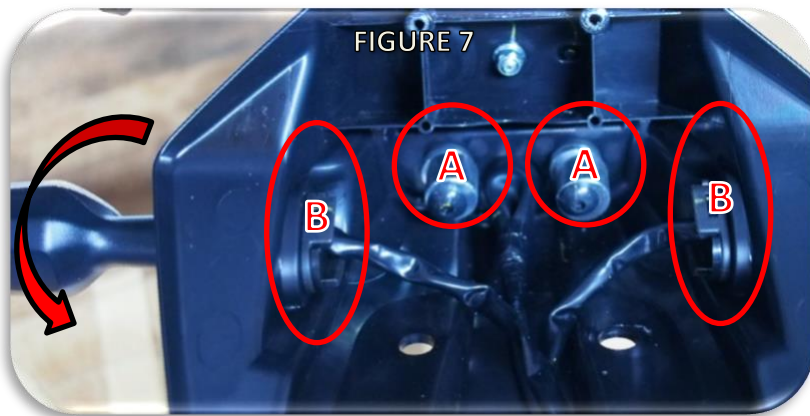
**INSTALLATION VIDEO:**

We've created a YouTube video to help explain the installation steps in more detail. Search "Vagabond Motorsports 2012 Yamaha MT-09 Fender Eliminator Install" or use the link: [https://youtu.be/d5zAC\\_jQTQ0](https://youtu.be/d5zAC_jQTQ0)

**INSTALLATION STEPS:**

1. Remove the rider seat (key under the tail of motorcycle).
2. Remove the seat latch plate from the rear sub-frame of the motorcycle (4X 4mm allen head bolts, FIGURE 1).
3. Cut the small black cable-tie securing the wiring looms together (FIGURE 2A). Disconnect the electrical connectors for the turn signals and license plate light (white and black 2-pin connectors for turn signals, small grey 2-pin connector for license plate light, FIGURE 2B).
4. Remove the locknuts (4X 10 mm hex nuts, FIGURE 3) connecting the factory fender to the subframe and set aside as they will be re-used.
5. Remove the black plastic pin connecting the factory fender to the subframe (Use needle nose pliers to squeeze and push down, FIGURE 4).
6. Remove the factory rear fender from the motorcycle by pulling the fender down and guiding the electrical looms out of the subframe. The wiring loom for the taillight will need to be moved out from under a tab on the factory fender.
7. Remove the license plate from the factory rear fender (2X phillips head screws). Hardware for this may vary from dealer to dealer.
8. Disassemble the factory rear fender by removing the external screws (4X 5mm allen bolts, FIGURE 4) and internal screws (4X phillips head screws, FIGURE 5). Release the rubber strap on the fender securing the wiring.
9. Remove the OEM license plate light from the factory rear fender (2X 4mm allen head bolts, FIGURE 7A, next page). Also remove the factory shoulder spacers and rubber grommets from the fender as all the license plate light factory hardware will be reused.





10. Remove the OEM turn signals from the factory rear fender. First remove the internal plastic clip (FIGURE 7B) and then pull the signals from the fender by rotating them toward the front the motorcycle (arrow in FIGURE 7 shows direction of rotation). Use video for reference if needed.

11. Remove the rubber turn signal extension boots from the turn signals (FIGURE 8, pull the boot off the turn signal and remove the internal white plastic clip). Thread the wiring loom through the boot to remove.

12. Remove the protective paper from the supplied turn signal spacers and *carefully* install over the factory turn signal boots to fill up the gap in the boot (FIGURE 9).

13. Install the provided cable tie mounts (FIGURE 10A) and slit grommet (FIGURE 10B) into the fender eliminator body. Note that the slit in the grommet should be aligned vertically to make key access easiest.

14. Install the turn signals into the fender eliminator by starting the narrow portion of the turn signal that is pointing towards the front of the motorcycle and slide it in the cutout in the fender eliminator and then rotating the entire turn signal until it pops (FIGURE 12 arrow). Install the black plastic internal clips to secure the turn signal (FIGURE 12A). Note that the signal with the black connector is the left signal and the white connector is on the right signal. Use video for reference if needed.

15. Install the OEM license plate light onto the fender eliminator body, re-using the rubber bushings and aluminum shoulder spacers from the factory fender, and ensure that the shoulder spacers are installed with the thicker side facing out (FIGURE 11). Reuse the factory bolts and spacers (FIGURE 12B).

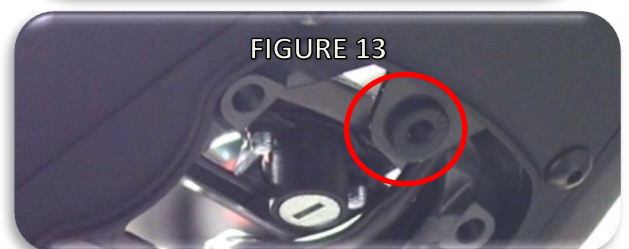
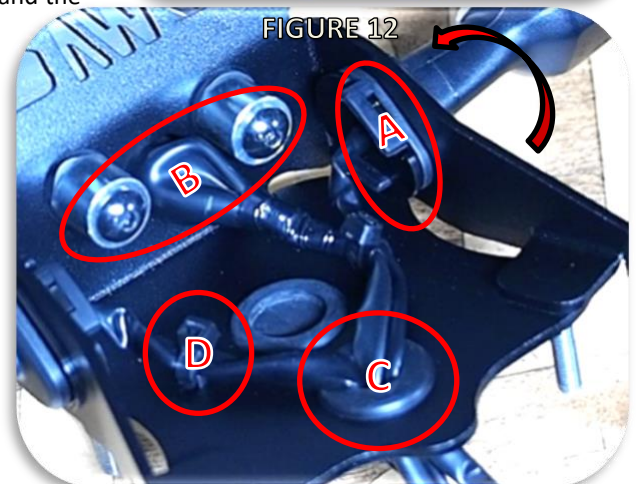
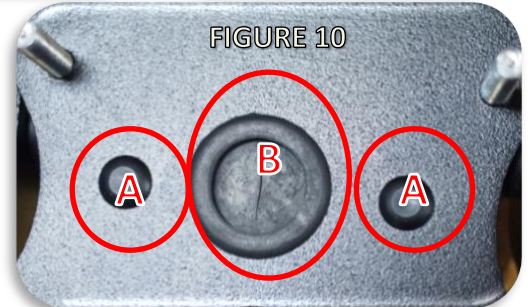
16. Pass the electrical connectors through the supplied rubber grommet. Install the rubber grommet into the fender eliminator (FIGURE 12C) and remove any slack from the wiring from the turn signals and license plate light going to the grommet. Use two of the supplied cable ties through the installed cable tie mounts (FIGURE 12D) to secure the wiring looms.

17. Remove the rubber grommet from the subframe of the motorcycle (FIGURE 13). This will create clearance for the fender eliminator to mount correctly.

18. Install the fender eliminator onto the motorcycle and re-use the factory 10mm lock nuts to secure it to the motorcycle.

19. Reconnect the electrical connectors for the turn signals and license plate light. Create a service loop with the excess wire loom and secure with the final supplied cable tie.

20. Reinstall the seat latch plate. Check the operation of all lights and make sure all installed fasteners are tight. Reinstall the license plate and rider seat. Note the key for the seat latch with slide through the supplied slit grommet.



#### TERMS & CONDITIONS

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