### **Questions/Comments:**

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P/N: **VM-YR110** 



# Yamaha YZF-R1 (2015+) Fender Eliminator Installation Instructions

# **TOOLS REQUIRED:**

- o 5mm allen head wrench
- o Phillips screwdriver
- o 8, 10mm sockets and ratchet

# **PARTS INCLUDED:**

- Fender Eliminator
  - 3X M6 lock nuts
- 2X Rubber bumpers
- Rubber grommet

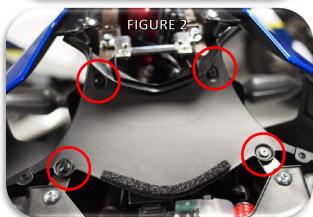
## **INSTALLATION VIDEO:**

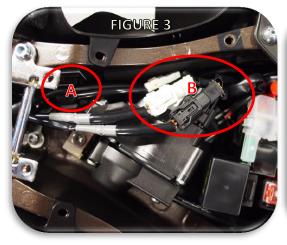
We've created a YouTube video to help explain the installation steps in more detail. Search "Vagabond Motorsports R1 Fender Eliminator Install Video" or use the link: <a href="https://youtu.be/TGMjr7VBlsk">https://youtu.be/TGMjr7VBlsk</a>

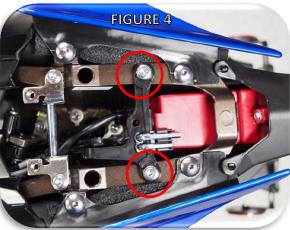
# **INSTALLATION STEPS:**

- 1. Remove the rear passenger seat (key in front of passenger seat).
- 2. Remove the rider seat from the motorcycle (2X 5mm allen head bolts, under seat foam, FIGURE 1).
- Remove the black plastic cover panel between rider and passenger seat (4X plastic rivets, FIGURE 2). Use the phillips screwdriver to unscrew the center of the rivet and them pull the rivet out. These will be reused so do not damage.
- 4. Release the wiring looms from the cable clamp (FIGURE 3A) and disconnect the electrical connectors for the turn signals (large black and white connectors, FIGURE 3B) and license plate light (smaller white connector, FIGURE 3B). Push the tab to separate the connectors.
- 5. Remove the two bolts (2X 5mm allen head bolts, FIGURE 4) securing the black plastic tool clip to the subframe.
- 6. Release the turn signal electronics from the plastic tool clip (from step 2) by squeezing the tabs together (FIGURE 5) and pushing them back through the tool clip.
- Remove the license plate from the OEM rear fender. (2X Phillips head screws and 10mm lock nuts, hardware may vary dealer to dealer). This hardware will be reused to mount the license plate light to the fender eliminator so do not discard.
- 8. Remove the OEM rear fender from the motorcycle by removing the bolts that hold it to the sub-frame (3X 5mm allen head bolts, FIGURE 6). The bolts will not be reused but the triangular washer plate will be.











- 9. Remove the plastic wire clamp from the factory rear fender assembly (FIGURE 7). This will be reused.
- 10. Open the plastic cover on the underside of the factory fender (FIGURE 8). Use a screwdriver to pry open if necessary.
- 11. Remove the OEM turn signals from the factory rear fender. First remove the internal plastic clip (FIGURE 9A) and then pull the signals from the fender by rotating them toward the front the motorcycle (arrow in FIGURE 9 shows direction of rotation).
- 12. Remove the OEM license plate light (2X 8mm hex head screws, FIGURE 10). Remove the screws, rubber bushings and steel bushing cores (FIGURE 11) as these will be reused.
- 13. Install the turn signals into the new 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 through the fender eliminator and is firmly seated in its groove (FIGURE 12). Use video for reference if needed.
- 14. Install the license plate light into the fender eliminator using the factory screws. You will reuse the rubber bushings and steel cores from the OEM rear fender, (FIGURE 13). Use video for reference if needed.



- 15. Pass the three electrical connectors for the turn signals and license plate light through the hole in fender eliminator and then through the supplied rubber grommet. Install the grommet into the hole and pull the wires snug. Reuse the wire clamp from step 9 and clamp the wiring on the motorcycle side of the fender eliminator to ensure no loosening can occur (FIGURE 14). Use video for reference if needed.
- 16. Install the fender eliminator on the motorcycle, first by passing the electrical connectors through the hole in the tail section. Use the supplied hardware (3X M6 lock nuts, 10 mm socket required) to attach the fender eliminator to the motorcycle. Reuse the triangular washer plate from the factory installation.
- 17. Re-assemble the wiring, tool clip, seats, and trim panel by reversing steps 1-6.
- 18. Reinstall the license plate. Test that all lights are functional and double check that all hardware is tight.



#### **TERMS & CONDITIONS**

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