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P/N: VM-SV610



Suzuki SV650 (2017+) Fender Eliminator Installation Instructions

TOOLS REQUIRED:

- 4mm Allen head wrenches
- 8mm hex wrench
- 10mm socket and ratchet
- Phillips screwdriver

Underlined tools are included in the OEM tool kit located under the seat

PARTS INCLUDED:

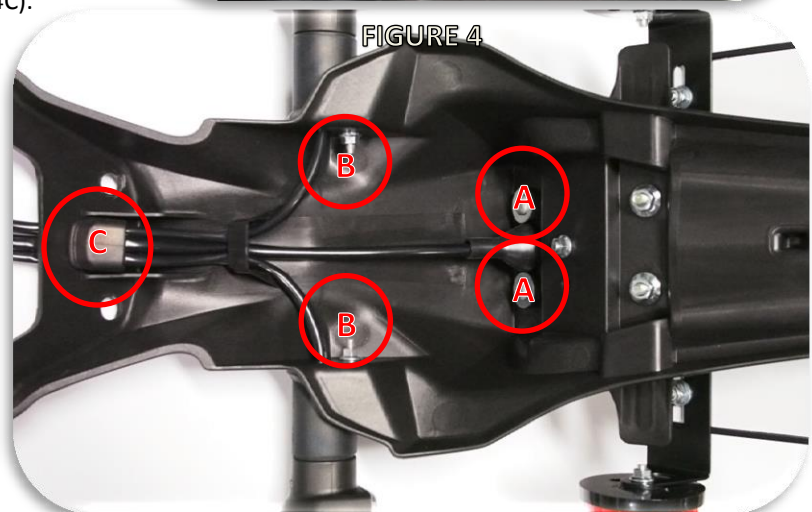
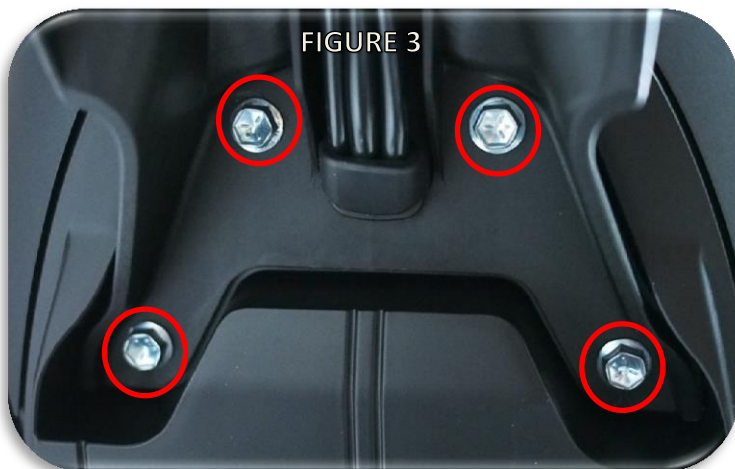
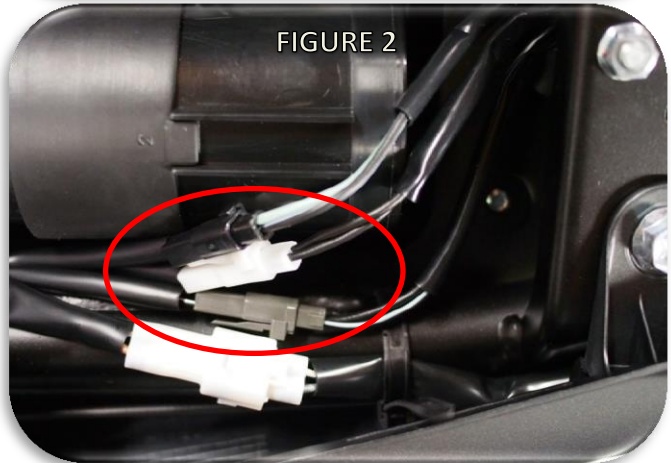
- Fender Eliminator
- 4X M6 bolts
- 4X M6 lock washers
- 4X Aluminum spacers
- 2X Rubber bumpers
- 2X Plastic cutting screws

INSTALLATION VIDEO:

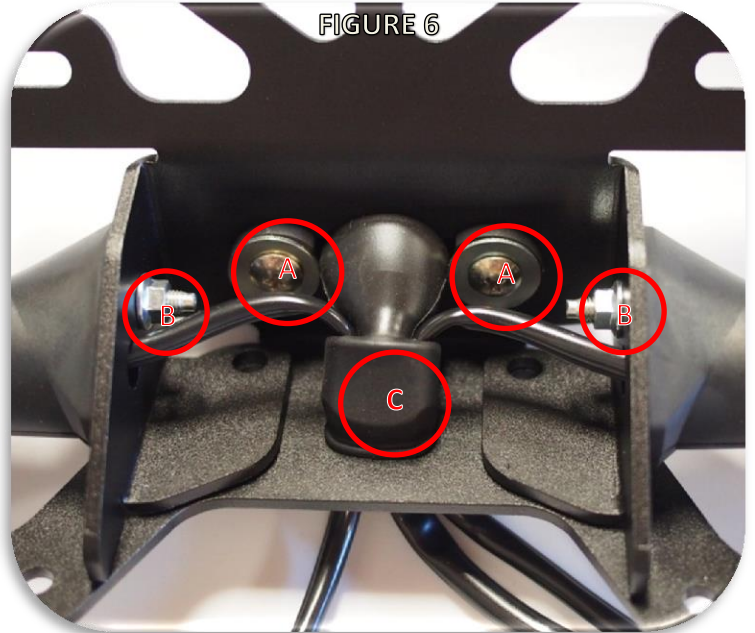
We've created a YouTube video to help explain the installation steps in more detail. Search "Vagabond Motorsports Suzuki SV650 Fender Eliminator Install" or use the link: <https://www.youtube.com/watch?v=BFon2N5fsw>

INSTALLATION STEPS:

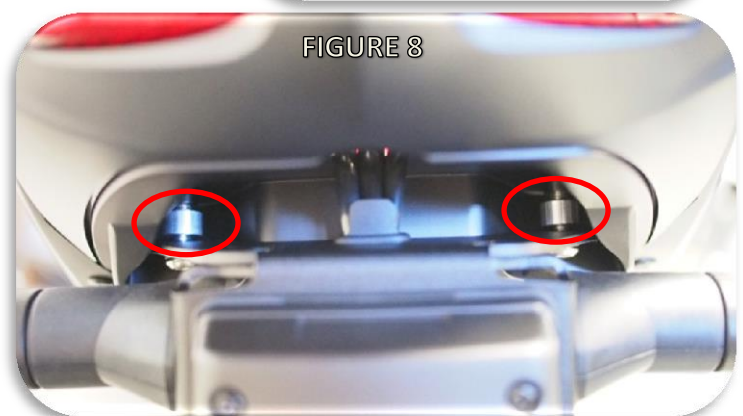
1. Remove the seat (key in left side of frame). Remove the tool bag from underneath the seat if you need the required tools listed above.
2. Remove the reusable cable tie on the rear plate of the sub-frame structure that secures the wiring harness (FIGURE 1). This will be reused so do not cut it; loosen by lifting the tab and pushing the tail back through the latch.
3. Move the large white electrical connector out of the way and disconnect the electrical connectors for the turn signals and license plate light located along the left (shifter) side subframe rail (small 2-pin grey, black and white connectors, FIGURE 2).
4. Remove the OEM rear fender from the motorcycle by removing the bolts that hold it to the sub-frame (4X 10 mm hex head bolts, FIGURE 3).
5. 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.
6. Remove the license plate light from the OEM fender (2X Phillips head screws, FIGURE 4A). Remove the rubber gasket from OEM fender.
7. Remove the left and right turn signals from the OEM fender (8mm wrench, FIGURE 4B).
8. Remove the rubber grommet from the OEM fender (FIGURE 4C).



9. Install the OEM wire loom grommet from step 8 into the rectangular hole in the fender eliminator (FIGURE 5).
10. Install the license plate light into the fender eliminator. You will reuse the rubber gasket from the OEM rear fender, but you will not need the plastic spacer that the OEM fender uses. Take the large washers off the long screws originally used on the license plate light and place them on the two shorter screws supplied with the fender eliminator kit (FIGURE 7). Install the shorter screws into the OEM license plate light (FIGURE 6A). Do not overtighten these screws.
11. Install the turn signals into the new fender eliminator by re-using the factory hardware (2X 8mm hex nuts, FIGURE 6B). The turn signal with the black connector is RIGHT and the grey connector is LEFT. For the factory signals, pass the electrical connector through the larger hole and the threaded stud through the smaller hole. Before tightening the nut, rotate the turn signals so that they are roughly level with the ground and each other. If using aftermarket turn signals with the common M10 stud, you will only use the larger hole for installation.



12. Pass the three electrical connectors for the turn signals and license plate light through the grommet (FIGURE 6C) in the fender eliminator and pull the wires snug. The rubber boot from the license plate light should lead directly into this grommet. Use video for reference if needed.
13. Install the fender eliminator on the motorcycle, first by passing the electrical connectors through the rectangular hole in the tail section. Use the supplied hardware (4X 4mm allen head bolts, lock washers and spacers) to attach the fender eliminator to the motorcycle. The spacers will be placed in between the motorcycle and the fender eliminator (FIGURE 8). It is easiest to start with the two bolts closest the front of the motorcycle and then install the hardware in the two rearward holes after the front bolts have been threaded in partially.
14. Run the wiring looms along the left side of the frame tube and connect the black, grey and white connectors. Make a service loop with the extra wiring and reuse the cable ties to secure the wiring the frame.
15. Reinstall the license plate and seat. Test that all lights are functional and double check that all hardware is tight. Adjust the angle of the turn signals if necessary.



TERMS & CONDITIONS

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