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P/N: VM-KD310



## ***KTM 390 Duke (2017+) Fender Eliminator Installation Instructions***

### **TOOLS REQUIRED:**

- Phillips screwdriver
- 4 mm Allen hex wrenches
- 14mm hex wrench
- 10 mm socket and driver
- Flush-cutters or dikes (for cutting zip-ties)
- Masking tape (recommended)

### **PARTS INCLUDED:**

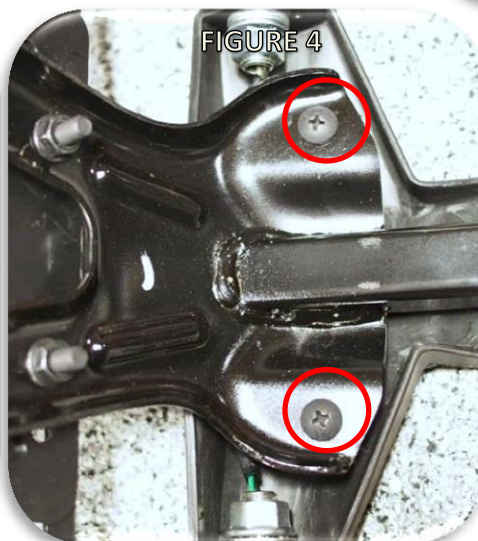
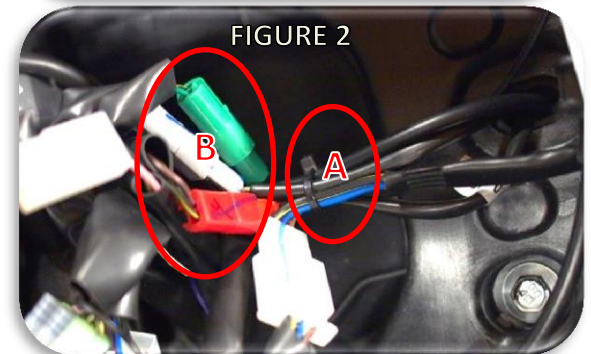
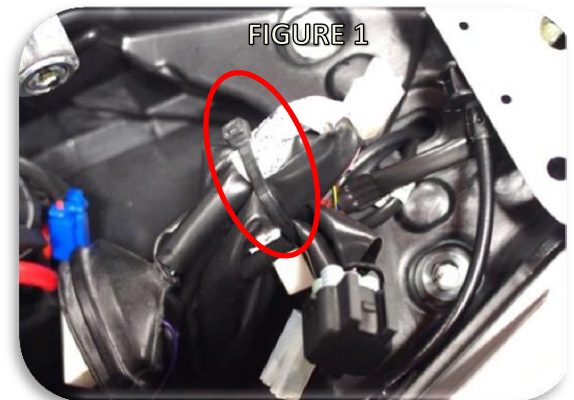
- Fender Eliminator
- 2X Zip-Ties
- 1X Zip-Tie Mount
- 2X Rubber Bumpers
- 1X Rubber Grommet
- 4X M6 Bolts
- 4X M6 Lock Washers
- 4X Aluminum Spacers

### **INSTALLATION VIDEO:**

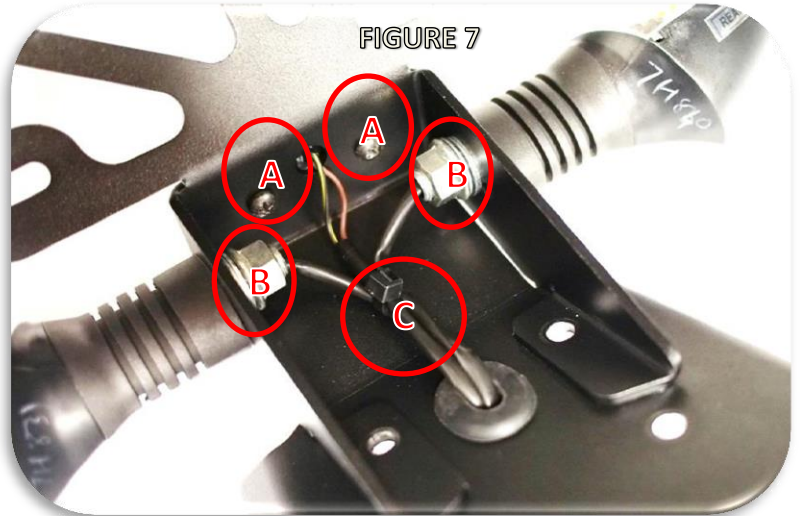
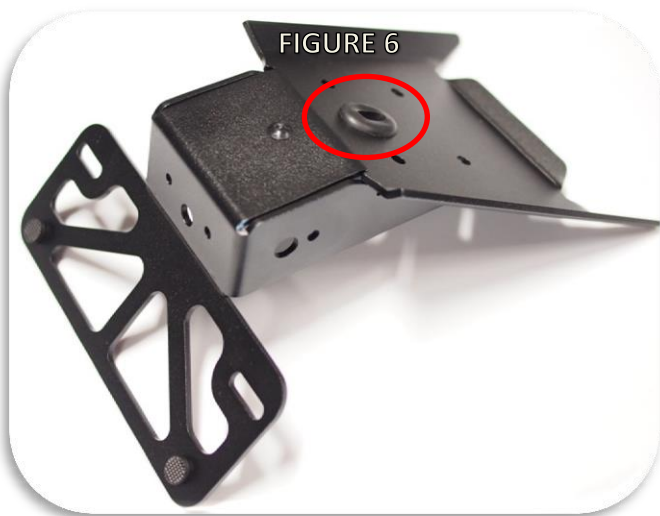
We've created a YouTube video to help explain the installation steps in more detail. Search "Vagabond Motorsports 2017 KTM 390 Duke Fender Eliminator Install" or use the following link: <https://youtu.be/QUKk8l0JtIM>

### **INSTALLATION STEPS:**

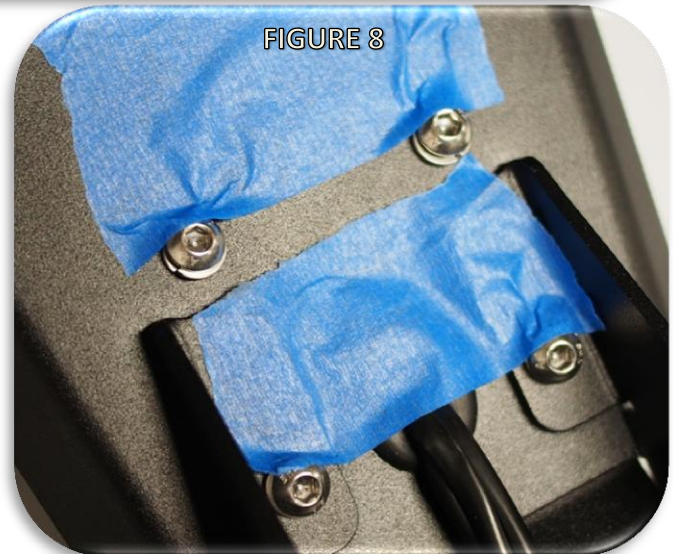
1. Remove the passenger seat (key in left/shifter side of the sub-frame). Remove the tool bag from underneath the seat.
2. Cut the two zip-ties securing the wiring bundle in a service loop (FIGURE 1) and the OEM fender looms from the taillight (FIGURE 2A).
3. Disconnect the electrical connectors for the turn signals and license plate light (small red, green and gray 2-pin connectors in the bundle, FIGURE 2B).
4. Remove the factory rear fender from the motorcycle (4X 10 mm hex bolts, FIGURE 3). Guide electrical connectors out of the hole in the sub-frame.
5. Remove the license plate from the OEM rear fender. (2X Phillips head screws and 10mm hex nuts, hardware may vary from dealer). This hardware will be reused to mount the license plate to the fender eliminator so do not discard.
6. Remove the metal support tube from the plastic trim of the factory rear fender (2X phillips head screws, FIGURE 4). Note that you will have to pull the electrical connectors through the hollow metal support tube to completely separate the parts.
7. Remove the factory turn signals (2X 14 mm hex nuts, FIGURE 5A) and license plate light (2X Phillips head screws, FIGURE 5B). Retain all this hardware as it will be re-used to install these lights back onto the fender eliminator.



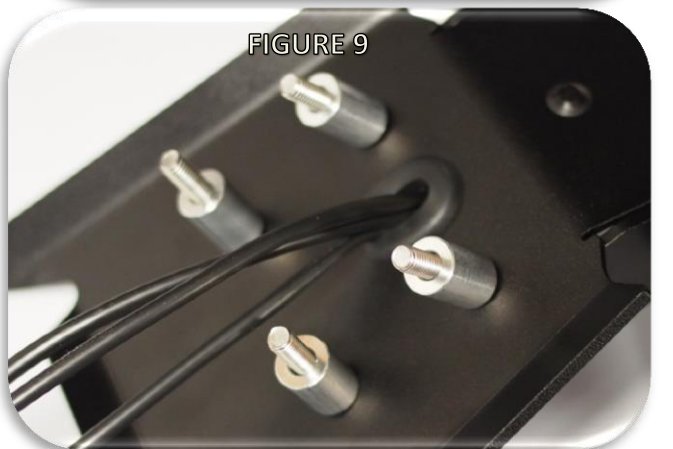
8. Install the supplied rubber grommet into the oval slot in the fender eliminator (FIGURE 6).
9. Install the license plate light (FIGURE 7A) and turn signals (FIGURE 7B) into the new fender eliminator, reusing the original factory hardware (grey connector = RIGHT, green connector = LEFT). Pass the wiring through the grommet in the fender eliminator and use one of the supplied zip-ties to secure the loose wiring to the fender eliminator by threading it through the zip-tie holder and pulling it snug. Trim the extra length of zip-tie after tightening with flush cutters (FIGURE 7C).



10. Prepare the assembled fender eliminator for installation onto the motorcycle by placing the four supplied bolts and lock washers thru the holes in the fender eliminator (FIGURE 8). Place masking tape (blue painter's tape shown in FIGURE 8) over a small portion of the bolt heads. This will prevent the bolts from falling out when you flip the fender eliminator over to install it and will give you a free hand to manage the wiring looms. Turn the fender eliminator over and place an aluminum spacer over each of the four bolts (FIGURE 9).



11. Install the fender eliminator onto the motorcycle, first by passing the electrical connectors through the rubber grommet in the underside of the bike and then by tightening the four bolts (4 mm allen key required). Screw in each bolt a few turns first, then tighten the bolts until the fender eliminator is securely clamped to the sub-frame and the lock washers are flat. Remove the masking tape used in Step 10.
12. Re-connect the grey, green and red two-pin electrical connectors. Bundle the excess wiring into a service loop and secure using the second supplied zip-tie similar to the original factory method.
13. Reinstall the license plate, tool bag and passenger seat onto the motorcycle. Test that all lights are functional and double check that all hardware is tight before riding the motorcycle.



#### TERMS & CONDITIONS

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