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P/N: VM-KD340



KTM 390 Duke (2024+) Fender Eliminator Installation Instructions

TOOLS REQUIRED:

- Phillips screwdriver
- 4 mm Allen hex wrench
- 14mm hex wrench
- 14mm deep socket or 14mm slotted socket
- 8mm, 10 mm sockets and driver w/ extension
- Flush-cutters or dikes (for cutting zip-ties)
- Pliers

PARTS INCLUDED:

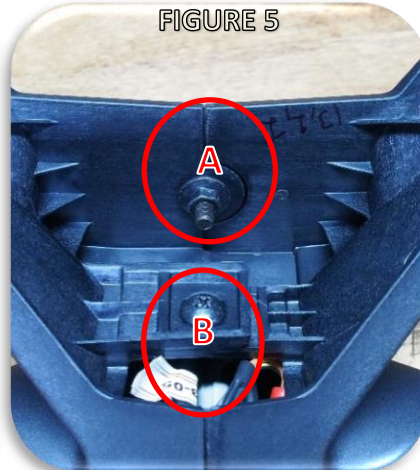
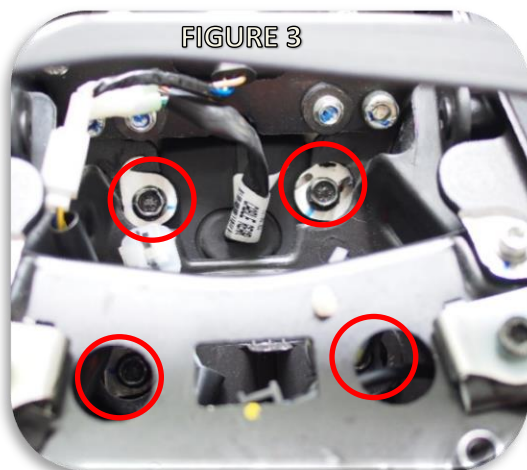
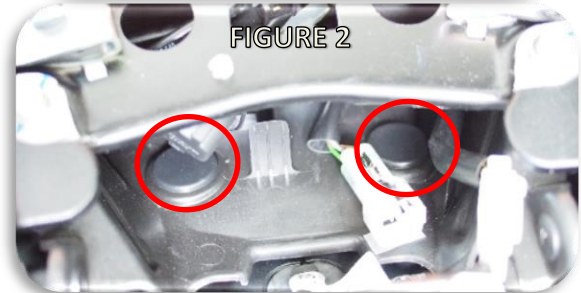
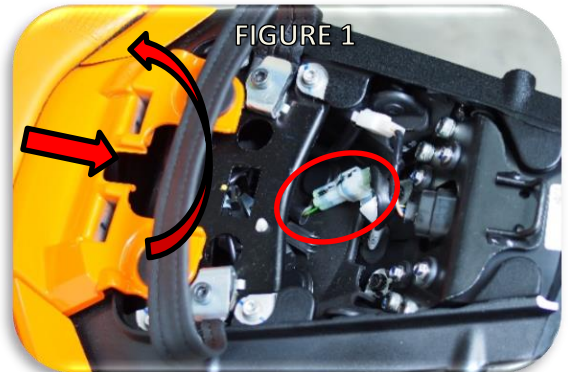
- Fender Eliminator
- 2X Zip-Ties
- 1X Zip-Tie Mount
- 2X Rubber Bumpers
- 1X Rubber Grommet
- 6X M6 Lock Nuts
- 4X Aluminum Spacers

INSTALLATION VIDEO:

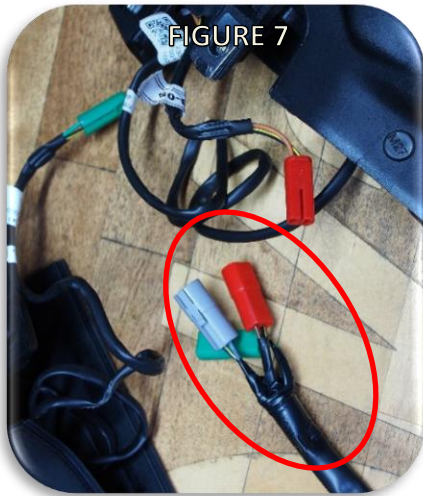
We've created a YouTube video to help explain the installation steps in more detail. Search "Vagabond Motorsports 2024 KTM 390 Duke Fender Eliminator Install" or use the following link: <https://youtu.be/HPbe1UirSI>

INSTALLATION STEPS:

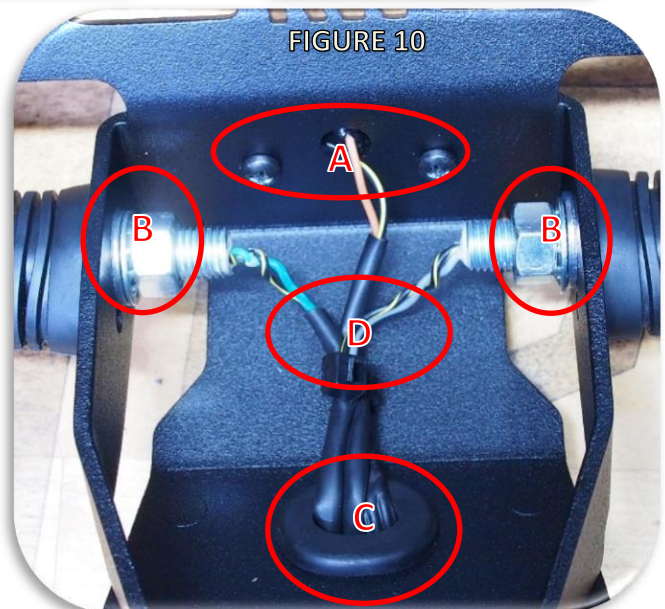
1. Remove the passenger seat (key in left/shifter side of the sub-frame).
2. Remove the rider seat (pop rear tabs up off bosses and slide rearward, FIGURE 1 arrow).
3. Disconnect the white 4-pin electrical connector for the turn signals and license plate light (lift tab to release, FIGURE 1).
4. Remove the two rubber plugs on the subframe covering the fender bolts (use a pick or your fingernail to pry up, FIGURE 2).
5. Remove the factory rear fender from the motorcycle (4X 10 mm hex bolts, FIGURE 3). Guide electrical connector out of the hole in the sub-frame.
6. Remove the license plate from the OEM rear fender. (2X Phillips head screws, hardware may vary from dealer). This hardware may be reused to mount the license plate to the fender eliminator so do not discard.
7. Split the factory plastic fender in half by removing the following:
 - a. Reflector mount from the factory rear fender (2X 4mm allen head bolts, FIGURE 4). This hardware can be reused.
 - b. Center reflector (8mm nut, FIGURE 5A).
 - c. Phillips head screw (FIGURE 5B).
 - d. 2X 4mm allen head screws (FIGURE 6)



8. Disconnect the wiring loom extension (Red, green, and grey 2 pin connectors, FIGURE 7) and set aside as it will be reused.
9. Remove the factory license plate from the fender (2X Phillips screws, FIGURE 8). This hardware will be reused.
10. Remove the turn signals from the factory fender halves (14mm hex nut). Because the nut is recessed in a deep pocket, use either a slotted socket or a deep socket and pliers (with the cable running through the socket, FIGURE 9) to remove the nut.



11. Install the factory license plate light (2X Phillips head screws, FIGURE 10A), and turn signals (14mm hex nut, FIGURE 10B), reusing the original factory hardware. NOTE that the signal with the grey connector = RIGHT, green connector = LEFT).
12. Pass the wiring through the supplied grommet and then install the grommet into the fender eliminator (FIGURE 10C).
13. Install the supplied cable tie mount into the hole in the fender eliminator and use the supplied cable tie to secure the wiring looms to the cable-tie mount (FIGURE 10D). Trim the extra length of cable-tie after tightening with flush cutters.
14. Prepare the assembled fender eliminator for installation onto the motorcycle by placing the four aluminum spacers onto the studs of the fender eliminator (FIGURE 8).



15. Install the fender eliminator onto the motorcycle, first by passing the electrical connectors through the hole in the subframe of the bike and then by installing and tightening the supplied lock nuts (10 mm socket and extension required).
16. Using the extension wiring harness from the factory fender, re-connect the grey, green and red 2-pin electrical connectors as well as the white 4-pin connector. Bundle the excess wiring into a service loop and secure using the second supplied cable-tie. Tuck the service loop under the seat latch plate.
17. Install the supplied rubber bumpers into the license plate flange of the fender eliminator to prevent rattling or buzzing. Install the license plate using either the factory license plate bolts or the reflector bolts from step 7a combined with the pair of supplied hex locking nuts.
18. Reinstall the rider and passenger seats. Test that all lights are functional and double check that all hardware is tight before riding the motorcycle.



TERMS & CONDITIONS

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