



FES-17G1-K

Fender Eliminator 2017 GSXR1000

Parts List:

- Left Side Bracket 1
- Right Side Bracket 1
- Turn Signal Mount 1

- License Plate Light Kit 1
- 6 x 25 mm Allen Bolts 2
- 6mm Nyloc Nuts 2

<<<<<< IT IS RECOMMENDED THAT THIS PRODUCT BE INSTALLED BY A QUALIFIED TECHNICIAN >>>>>>

- 1) Remove the passenger seat.
- 2) Remove the 2 gas tank side panels. There will be one 4mm allen screw and two rubber push pins on each side. Under the side panel you will find two 5mm allen screws one on each side to remove the front seat.
- 3) Remove the center panel with the seat lock by removing the 2 plastic push pins and the 2 4mm allen screws.
- 4) Remove the tail section by removing the two 4mm allen on each side screws by the back of the gas tank, the two 5mm allen screws on the top by the tail light and the 4 plastic push pins under the tail section. Once all of the hardware is removed there will be one rubber push pin on each side toward the front of the tail section. Pull out on the sides to unclip the side and slide straight back to unclip the tail section from the tail light.
- 5) Locate and unplug the turn signals and the license plate light. Remove the four 10mm screws holding the stock rear fender in place. Remove the stock fender.
- 6) Flip the stock fender assembly upside down and remove the five Phillips head screws to remove the base plate. Remove the 10mm nuts on the back of the turn signals that retain the signals. Remove the signals.

- 7) Install the left and right side mounts using the stock hardware. **Photo 1**



Photo 1

- 8) Use the two supplied 6 x 25 allen screws mount the license plate light mount, license plate and turn signal mount. If you are using an integrated tail light then you can leave the turn signal mount out. Install the assembly on the Graves mounts and tighten using the two supplied 6mm nylock nuts.
- 9) Install the stock turn signals on the Graves signal mount in the reverse order in which they were removed. Run the signal wires through the same path that they came out. Plug the stock signals back in.

10) Install the license plate light.

If you are installing the license plate light use the following instructions:

1. Cut the standard license plate light wire off of the stock fender assembly. Leave 200-300mm of wire from the stock connector.
2. Slide the wire out of the sheath. Cut a slit 100mm into the sheath and fold it back out of the way.
3. **Determine which wire is the positive and which is the negative coming from the main harness. This will be important because the Graves light will not light up if it is connected in opposite.** Use a multi meter or refer to the stock wiring diagram to ensure you have this correct. You should test this before completing the following steps. Cut 1 wire 40mm shorter than the other to offset the connectors.

(This is the length of the supplied heat shrink solder butt connector) **Photo 2**

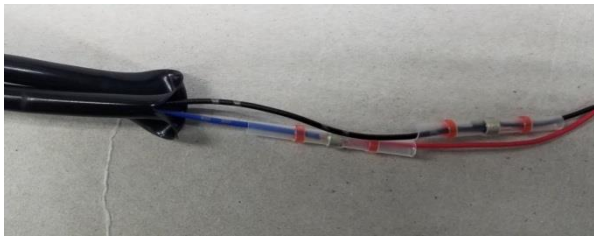


Photo 2

Repeat this step with the wires coming from the supplied Graves license plate light. Strip the end of the wires leaving 10mm of bare wire showing.

4. Use the 2 heat shrink connectors to connect the wires. Be sure to have the bare wire sections overlapping each other at the center of the connector. Use a heat gun to shrink the connector over the wires. When this is done properly the center of the connector will melt the solder over the wire and shrink the plastic to the outer edges of the connector ensuring a sturdy connection. Wait for these to cool before tugging on the wires. Pull the sheath back over the wires and tape it in place.

11) Install the license plate light to the light mount.

12) Route the license plate light wire alongside the right turn signal wire. **Photo 1** Plug the license plate light in.

13) Check that all of the signals and lights are in proper working order and then re-install the tail section and seat in the reverse order.

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When it comes to quality motorcycle frames & body, Graves Motorsports is the brand you can depend on.