



## FEY-17R6-K

### Parts List:

- Fender Eliminator Bracket 1
- Receiver Plate 1
- Graves License Plate Light Kit 1

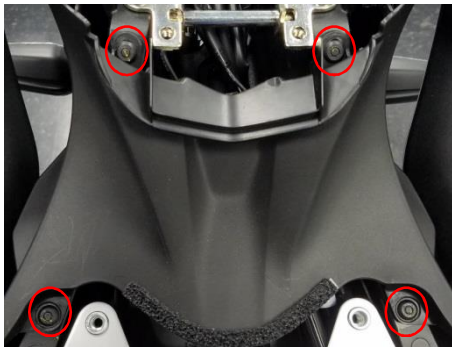
## Fender Eliminator 2017 Yamaha YZF-R6

- Rubber Grommet 1
- 6 x 30 mm Allen Bolts 4
- 6mm Nyloc Nuts 4

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

- 1) Remove the passenger seat.
- 2) Remove the front seat by folding the 2 back corners and removing the two 5mm allen bolts.
- 3) Remove the 4 plastic rivets holding down the center plastic cover between the 2 seats. **Photo 1.**
- 4) Once the cover is removed you will find the turn signal plugs that need to be disconnected. **Photo 2.**

- 6) Remove the 4 allen bolts from the rear fender assembly. **Photo 4.** Be sure to hold the fender to prevent it from falling once the bolts are removed.



**Photo 1**



**Photo 2**



**Photo 4**

- 7) The Graves fender eliminator is set up with turn signal mounts attached to accommodate the stock turn signals.

\*Moving the turn signal mounts to the outermost hole position will allow the use of the Graves flush mount marker lights. (Graves part # TS401C1) **Photo 5**

- 5) Remove the two 5mm allen bolts holding down the tail light support. **Photo 3.** Once removed, disconnect the turn signal wire hold downs to free up the wiring for the stock fender removal.



**Photo 5**



**Photo 3**

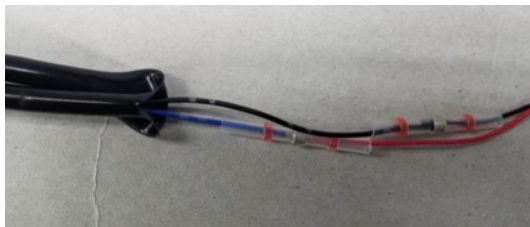
\*If you are using a taillight integrated kit you can remove the turn signal brackets.

- 8) If using the stock turn signals, remove them from the rear fender by removing the center wire cap and the 2 plastic signal retainers at the mounting point of the signals. Carefully remove the signals from their mounting holes.
- 9) Re-install the stock signals in reverse sequence.

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 1**



**Photo 1**

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. Slide the Graves license plate light wires through the 4mm hole in the main fender eliminator bracket. **Photo 2**. Note: that the wires are no longer needed. You can trim some of the wire to the optimum length. **Remember measure twice cut once.**



**Photo 2**

5. 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.

- 9) Re-install the stock signals in reverse sequence.
- 10) After the turn signals have been installed, feed the turn signal wires through the center hole and through the hole in the supplied grommet. **Photo 6** Install the grommet into the center hole of the receiver plate. This will keep the wires tidy and prevent dirt and water from getting up under the fender eliminator bracket.



**Photo 6**

- 11) Using the supplied button head allen bolts, install the fender eliminator bracket with the receiver plate in between the bracket and the motorcycle. Secure with the supplied nyloc nuts. **Photo 7**



**Photo 7**

- 12) Re-install the wire hold downs and the seats in reverse order.

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