



FEH-17CB1-K

Fender Eliminator 2017 CBR1000

Parts List:

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

- License Plate Light Kit 1
- 6 x 20 mm Allen Bolts 2
- 6mm Nyloc Nuts 2
- 8 x 12mm washer 2

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

- 1) Remove the passenger seat or solo seat cap.
- 2) Remove the front seat by folding the 2 back corners and removing the two allen bolts.
- 3) Remove the top part of the tail section by removing the 2 push pins and the 4 allen screws. Remove the top section by pulling up at the back and carefully sliding the top section straight back. **Photo 1.**



Photo 1

- 4) Remove the lower section by removing the 2 screws in the front and unclipping the back portion. **Photo 2**



Photo 2

- 5) Locate the turn signal and the license plate light plugs and unplug them.
- 6) Remove the rear fender assembly by removing the 4 10mm head bolts and nuts. Remove the rear fender and associated wiring as an assembly. **Photo 3**

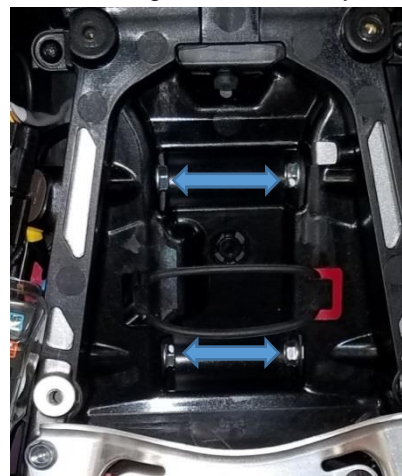


Photo 3

- 7) Install the Graves side mounts and center cover. Be sure match the sides of the mounting bracket to the center cover because it can only be mounted in one direction. Slide either the right or left side and the center cover into position together. Using the stock hardware assemble finger tight. Next slide the other side mount into place and install the hardware and tighten all of the hardware. **Photo 4**



Photo 4

The purchaser releases Graves Motorsports, Inc. from all liabilities pertaining to the installation and use of purchased parts. Purchaser recognizes that any alteration and/or modifications to the vehicle may increase the risk of injury or accident. **This product is intended for Closed Course Competition Use Only** and may render the vehicle illegal for use on public roads.

- 8) Disassemble the rear fender assembly to remove the stock turn signals and cut off the license plate light pull leaving 200mm of wire coming off of the plug.
- 9) Install the turn signal mount to the side mounts. Using the supplied hardware going through the license plate light mount, the license plate and the side mounts. If you have an integrated tail light you can leave the turn signal mount off. Install the stock turn signals to the Graves signal mount. Add the 8 x 12mm washer to the signal wire guide/collar as pictured in **Photo 5** Then assemble in the reverse order that they came off.



Photo 5

- 8) 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 6**

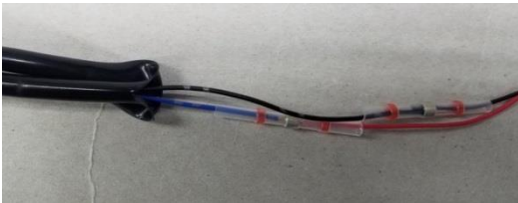


Photo 6

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.

- 10) Install the license plate light to the light mount. **Photo 7**



Photo 7

- 11) Run the wiring between the Graves center cap and the tail section as shown in **Photo 8**. Plug the turn signals back in. Route the license plate light wire alongside the right turn signal wire. Plug the license plate light in.



Photo 8

- 12) Re-install the tail section and seat in the reverse order.

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