

2017-2020 Honda Grom Fender Eliminator Kit

Parts List

x1 License plate holder	x4 M6x16mm bolts
x1 Cover plate	x2 M6x12mm bolts
x1 License plate LED light	x6 M6 nylon lock nuts
x1 License plate harness adapter	x2 M6 washers
x4 M8x20mm bolts	x4 M6 large OD washers
x4 M8 washer	x2 Factory signal adapters (For USA/Similar models)
x4 M8 nylon lock nuts	x2 Aftermarket signal adapters

1. Remove the seat

2. Unplug the left/right turn signal and license plate light connector. It's hidden under a black boot on the right side of the bike close to the battery, a white 4 pin white connector with blue/orange/yellow/black wires coming off it. Release the 1 white clip and 1 black clamp to release the harness from the chassis.

TIP: The chassis frame tubes are open at the end which could easily drop bolts/nuts in there, use a piece of tape to temporarily seal the opening

3. Removing the rear fender (4 silver bolts from the top) pull down and back on the fender to unclip and release it from the under tail, pull out along with harness.

OPTIONAL: Mounting turn signals (see below)

4. Attach the LED license plate light to the plate holder, running the wire through the center hole and securing using the 2 nuts. Run the wire up through the rectangular slot. Assemble the plate holder to the cover plate using 2 (two) M6x12mm bolts, M6 washers and M6 lock nuts. See illustration.

5. Remove the tail light (2 nuts from the back) and slide rearwards, leave hanging by the wire

6. While feeding the license plate light wire (and optional turn signals wires) through the opening in the under tail, mount the assembly from step 4 to the chassis using the 4 (four) M8x20mm bolts, M8 washers, and M8 lock nuts. See illustration

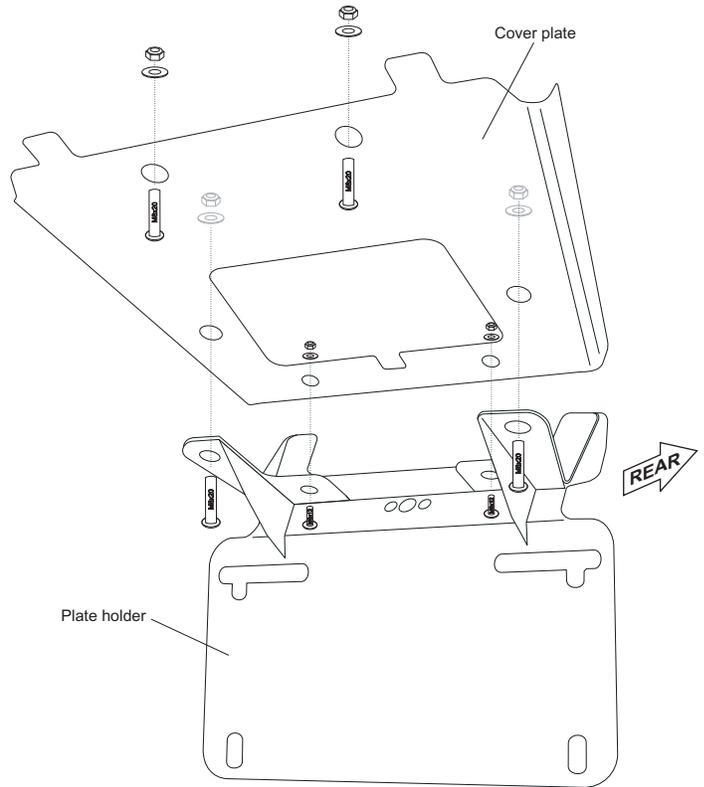
7. Re-install the tail light, then follow the tail light harness and unplug it. The plug is right next to the 4 pin connector unplugged from step 2

8. Attach the license plate adapter harness to the LED light. White<White and Black>Black, then run the harness alongside the right side of the bike securing with the clip and clamp from step 2.

9. Locate the female connector on the other end of the license plate adapter harness and plug it into the tail lamp, then plug the male connector back into the bike. See illustration

10. Mount the license plate to the plate holder using the 4 M6x16mm bolts, M6 large OD washers, and M6 lock nuts

11. Test all light functionality before going on a road test.



Mounting factory turn signals:

1. Disassemble the rear fender (4 screws on the bottom and 1 at the top) separate it in half

2. Undo the cable tie holding the harness to the metal sub frame support

3. Remove the 4 screws holding down the factory license plate light assembly, and pull it out rearwards to reveal the last bolt right underneath the assembly and unbolt it.

4. Unplug the left and right turn signals from the bullet connectors

5. Pop out the metal sub frame support from the fender and pull out the entire wiring harness. Pull out the bulb and socket from the factory license plate light assembly. This assembly is no longer needed.

6. Remove the left and right signals (1 nut/washer) and pull out from the fender along with the metal spacer. This metal spacer will no longer be used

7. Mount the turn signals to the factory signal adapters included in this kit using the same nut and washer from step 6 above. Mount the signal assembly behind the plate holder using the same holes for the license plate.

8. After mounting the plate holder/cover plate assembly to the bike, use the entire harness assembly pulled from the fender to connect the turn signals. Orange>Orange, Blue>Blue and Greens>Greens. Since the factory license plate light bulb/socket will not be used, remove the bulb and cover the socket with electrical tape.

9. Run and secure the harness back along the right side of the bike and plug it back into the 4 pin connector.

Mounting aftermarket turn signals:

1. Mount the 2 aftermarket turn signal adapters to the fender eliminator assembly plate mount upper hole.

2. Mount the aftermarket 10mm hole mount turn signals.

3. Run the wires through the rearward square hole and wire it to the bike.

