

2020-2022 BMW S1000RR/M1000RR Fender Eliminator Installation Guide

Standard Position Kit - SKU: FE-BM20S1RR

Parts List

x1 Plate holder
x1 Cover plate
x1 License plate LED light
x1 License plate harness adapter
x2 M5x25mm bolts
x1 M5x12mm bolt
x1 M5 nylon lock nut
x3 M5 washers
x4 M6x16mm bolts
x4 M6 nylon lock nuts
x4 M6 large OD washers
x2 Plastic spacers
x1 Aftermarket in-hole turn signal brackets (L=R)
x1 OEM Turn signal brackets (L+R)

Tools Used

3mm allen (L or socket)
4mm allen (L or socket)
7mm (socket)
8mm (socket)
10mm (socket and wrench)
T25 torx bit
T30 torx bit
Wire snips

Required

Loctite or thread sealer

Install Time: 20-25 minutes

1. Remove trunk lid (key)
2. Remove side fairings. 1 bolt from underneath using T25 torx bit. Fairing is held on by 6 clips, 3 on top, 2 towards the lower front, 1 in the lower mid-rear, and followed by 1 locking tab (hook) at the rearmost point. Pop them out following the order and arrows in our next photos



2. Continued - layout of clips/tab - 1 locking tab (hook) towards the rear end point, 3 clips at the top, 2 towards the front and 1 at the bottom.



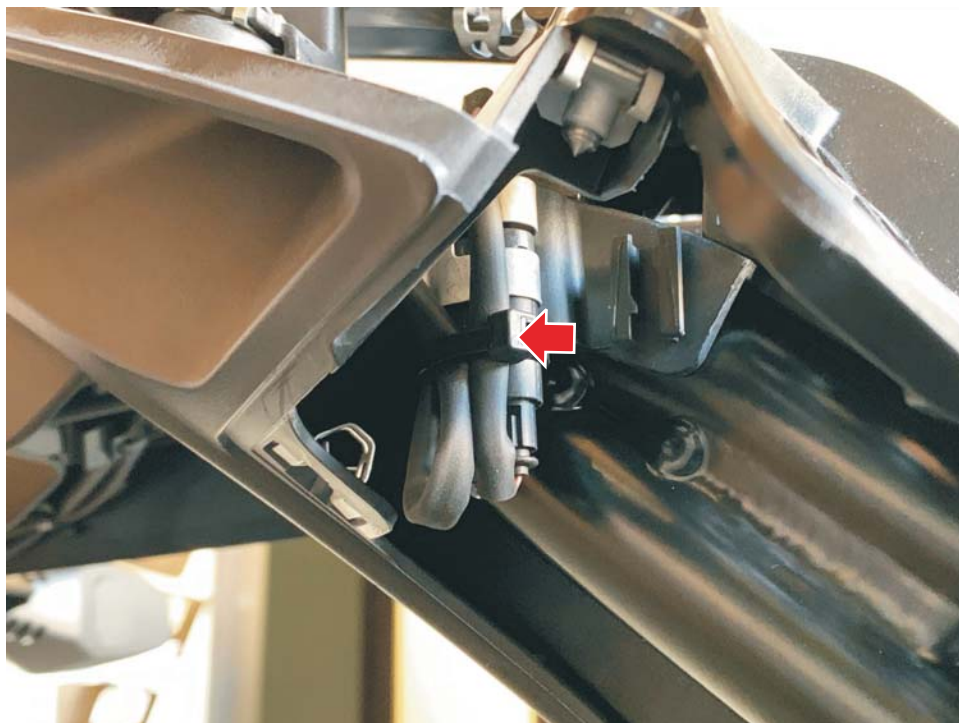
2. Continued - order of undoing the clips (#1-6) and tab (#7)



2. Continued (clips shown on fairing end), repeat other side



3. Locate and remove the cable tie securing the right tail/turn signal light wire harness, un-route the cable and unplug connector. Tools: Wire snips



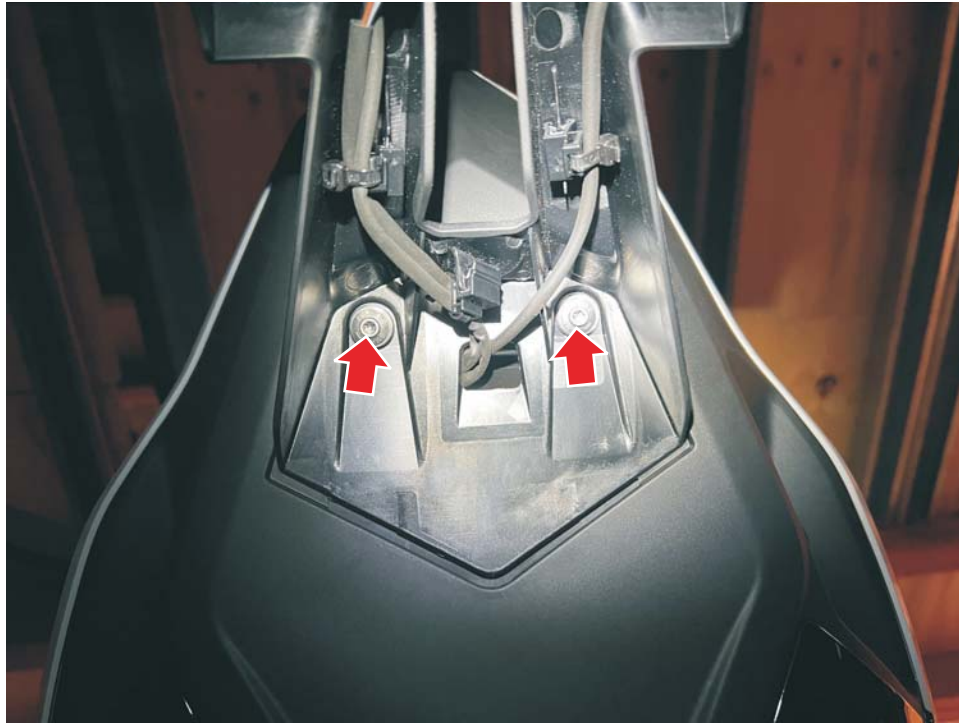
4. Locate and remove the 2 cable ties securing the left tail/turn signal and license plate light wire harness, un-route the cables and unplug connectors. Tools: Wire snips



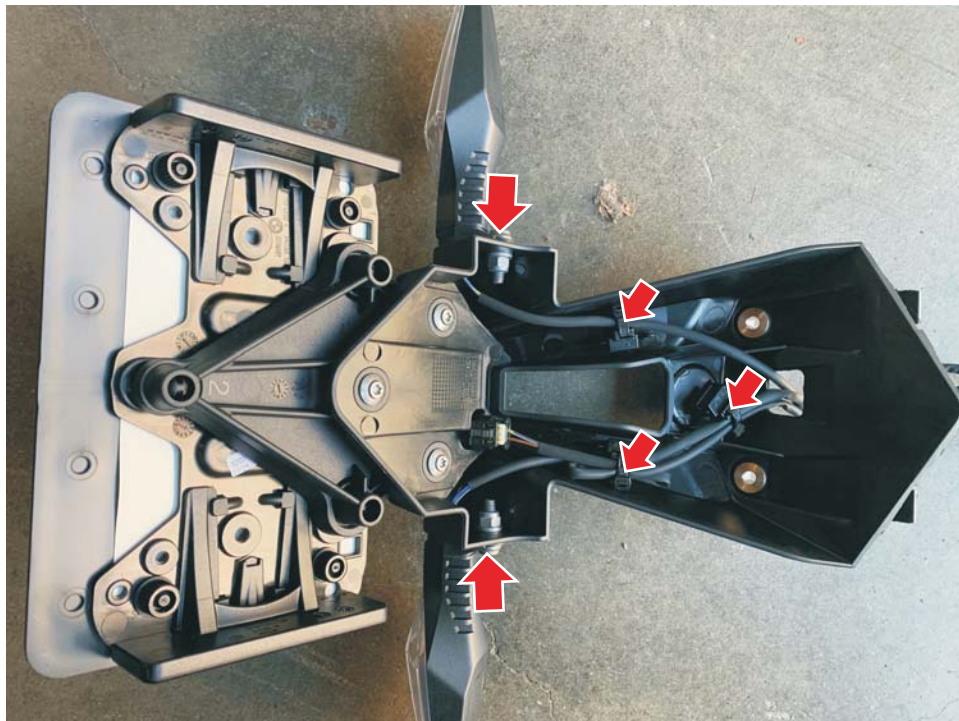
4. Continued. Tools: Wire snips



5. Remove the rear fender. 2 bolts from underneath (T25 torx bit) pivot down and slide rearwards to remove from forward clips. Pull out the wires carefully. These 2 bolts can optionally be reused later if desired. Tools: T25 torx bit and ratchet



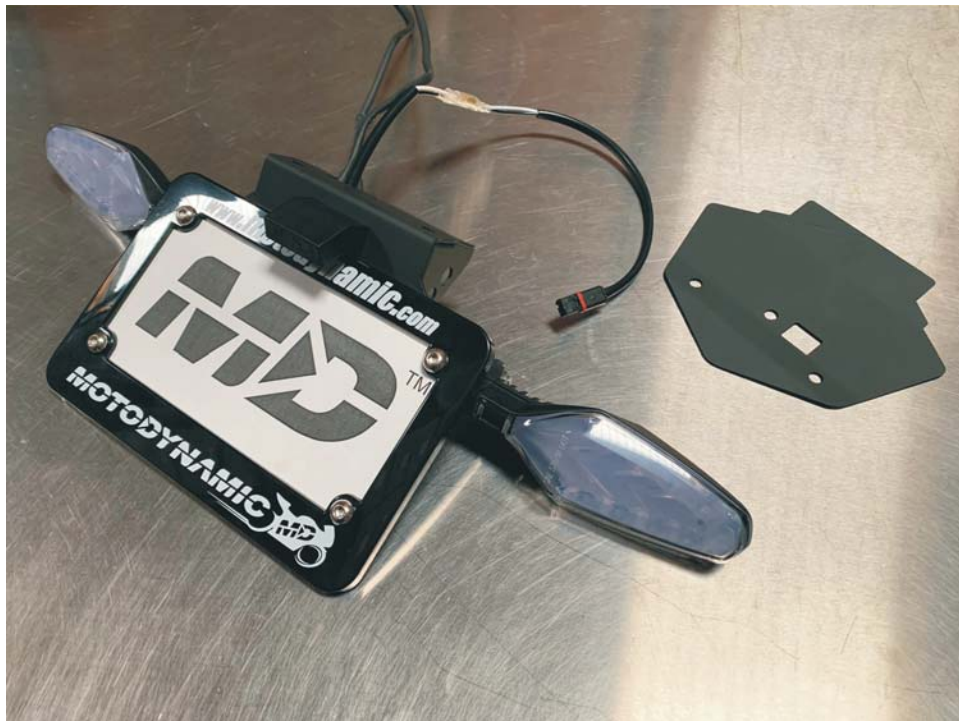
6. Rear tail/turn signal removal from fender. Undo the 3 cable ties securing the wires. Using a T30 torx bit and 10mm box wrench remove the nut and bolt securing the tail/turn signals, un-route the wire harnesses. Tools: T30 torx bit, ratchet and wire snips



7. Mount the LED license plate light to the plate holder by feeding the wires 1 at a time through the center hole, secure the 2 nuts using a 7mm socket or wrench. Then attach the license plate adapter harness white>white and black>black. Mount the license plate to the plate holder to the turn signal brackets using 4 M6x16mm bolts, M6 large OD washers and M6 lock nuts. Bolt>License Plate>Plate Holder>Tail/Turn Signal Bracket>Washer>Nut. Tools: 4mm allen and 10mm socket



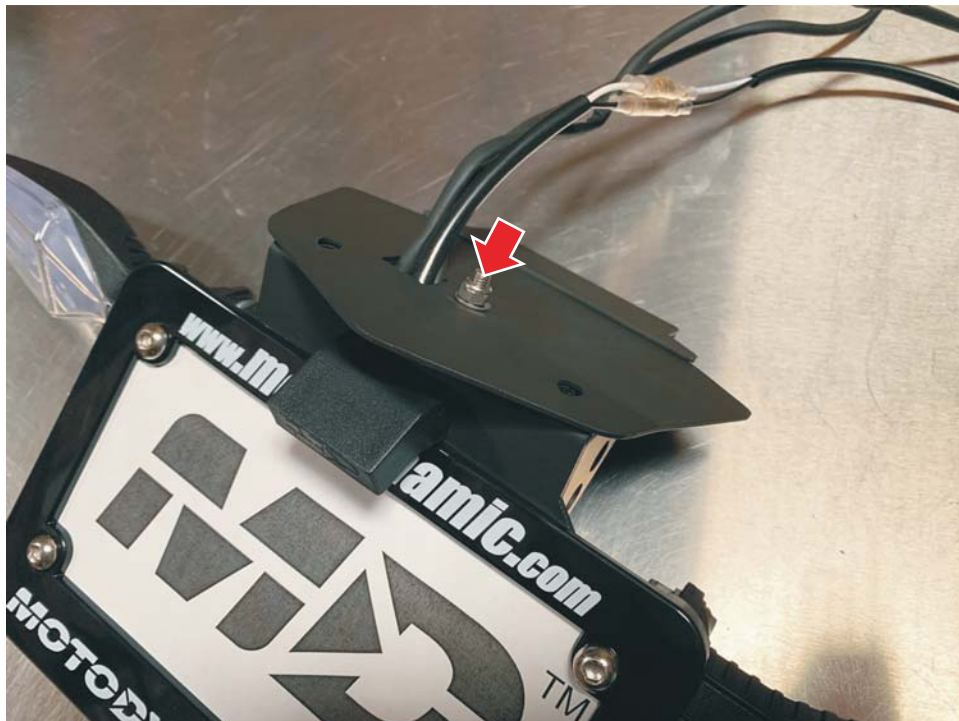
8. Re-install the turn signals onto the tail/turn signal brackets using the factory Torx bolt and nut. Tools: T30 torx bit, ratchet and 10mm box wrench



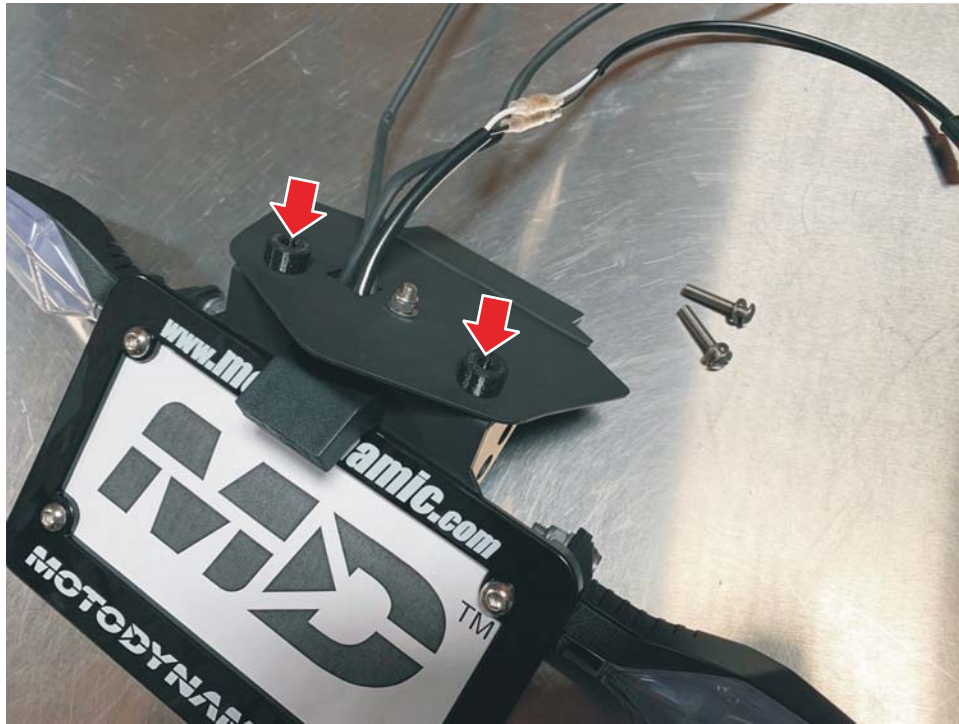
9. Feed the turn signals wires and license plate wires up through the rectangular hole, then up through the rectangular hole on the cover plate. Make sure to proper orientation of the cover plate so the 2 rectangular feed holes line up.



10. Secure the plate holder to the cover plate using the M5x12 bolt, M5 washer, and M5 lock nut. Tools: 3mm allen and 8mm socket



11. Peel n' stick and attach the 2 spacers on top of the cover plate's outermost 2 holes. Prepare two M5x25mm bolts and M5 washers.



12. While routing the 3 harnesses up through the undertail, mount the fender eliminator assembly to the bike using 2 M5x25mm bolts and M5 washers. Apply a drop of Loctite or thread sealer on these bolts. Make sure to insert and pivot the forward side of the fender eliminator into the corresponding slot on the undertail forward end. Organize the wires and plug back in the left/right tail turn signals and license plate light. Reinstall the left and right side fairings and trunk lid. Tools: 3mm allen

