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Endurance Light Install

This unit is not certified for on-road use by any governing body. Use at your own risk. FuturisMoto assumes no liability for use of this product on public roadways.

Tools Needed

T20 Torx Driver
T25 Torx Driver
10mm Wrench
Small Flat-Head Screw driver
2.5mm Hex Wrench
3 mm Hex Wrench
4 mm Hex Wrench
Small side cutting pliers
Medium strength thread locker (Blue Loctite)

1. Remove passenger seat.
2. Remove the single T25 Torx drive bolt. There is one bolt for the clutch and one for the throttle side tail fairings.

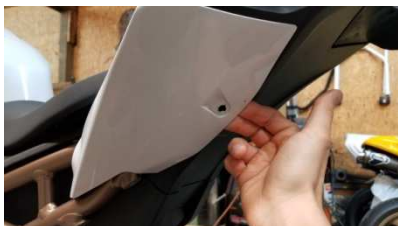
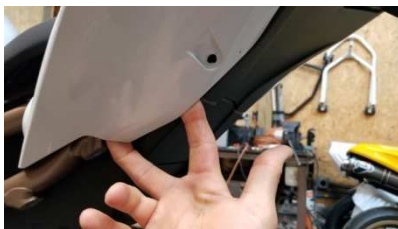


** The next steps can be pretty scary the first time. The Tail fairing half is secured by snap in tabs there are 6 of them the best way I've found is to just wedge your fingers under them until they pop out. Be gentle take your time.

3. On the underside of the tail fairing, wedge your finger under the fairing by the sub frame.



- 4-5. Make space and kind of walk your fingers near the bolt hole. With your finger hooked under the fairing pull until the single underside snap pops free.



6. Again on the side, hook your finger between the subframe and fairing and pull sideways towards you until the 2 side snaps pop free.

** Before you pop the topside snaps keep in mind that the rear tip of the tail fairing there is a tiny tab that hooks into the black tail plastic. It is pretty easy to break.



7. Work your fingers between the top side of the tail fairing and the black plastic to pop the last 3 snaps free.



Repeat tail fairing removal steps on the other side. Both tail fairings have to be removed to access the tail light wiring connectors. Left side light plug is on the left and right side light connector is on the right.

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8. Disconnect 3 wire connectors. 2 on the clutch side of the bike and 1 on the throttle side of the bike. They are behind the plastic grill/mesh under the tail.



9. There is a ZIP TIE hidden behind the OBD port that you will want to carefully snip



10. Thread the wires out and free as much as you can. they all run through the trunk into a single hole at the rear



11. With a T25 Torx driver remove 2 fasteners on the underside of the number plate arm.

12. With the bolts out slide the number plate arm rearward then down to remove. Carefully thread the wires out of the trunk as you remove the plate arm



13. With a T25 Torx driver remove the single center bolt pictured in the trunk.

** It's easiest to install your number plate on the number plate bracket prior to mounting your bracket to the tail tidy body. Use supplied fasteners Qty 4 (M6x10, washers, nuts) using a 4mm hex wrench and 10mm box wrench.

90° Plate Bracket Assembly



*** MUST APPLY MEDIUM STRENGTH THREAD LOCKER (Blue Loctite) to the little M4 fastener.

Tighten M4 bolt very snugly using 2.5mm Hex wrench.

Tucked Back Plate Bracket assembly



*** MUST APPLY MEDIUM STRENGTH THREAD LOCKER (Blue Loctite) to the little M4 fastener.

Tighten M4 bolt very snugly using 2.5mm Hex wrench.

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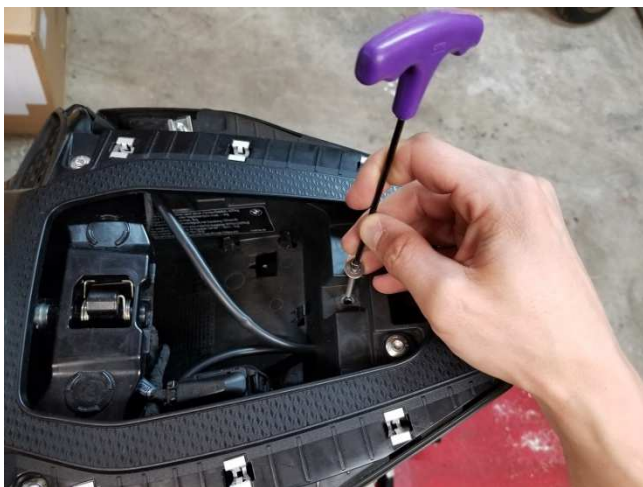


** Unless you have help it will be easiest to pre stage the M4x25 Hex head bolt and washer on your 3mm Hex wrench.

It would be a good idea to apply medium strength thread locker (Blue Loctite) to the M4 bolt



15. Remove only the rearward T20 Torx screw. Be super careful to not drop it into the abyss of the tail. You may want to shove a rag under the seat latch to catch a dropped bolt.



14. Time to install the Endurance light

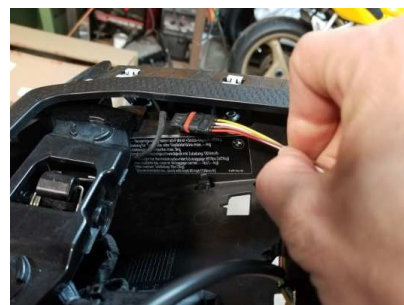
From underneath carefully thread the endurance light harness through the rectangle hole and into the trunk. Place the tail tidy into the former plate mount arm hole. There are ridges on the tail tidy body to help align it. Make sure it is aligned and seated, once in place take your pre staged M4 x 25 socket head bolt with washer and put it in the center hole in the trunk where you previously removed the T25 torx bolt. It may take some wiggling to get the bolt to align and thread into the tail tidy body. Thread the bolt in but it is a good idea to leave a little loose until you have all three bolts threaded into the endurance light. This allows you to wiggle things a bit to help with alignment.



16. Swing the now free Diagnostic port connector out of the way. Place the supplied support bracket in the trunk there is really only one way for it to fit like pictured.

With a 3mm Hex wrench thread in the 2, M4x 10 socket head bolts with washers. Once all threaded in, go back around and tighten the 3 bolts snugly to secure the tail tidy in place.

**It would be a good idea to apply medium strength thread locker (blue Loctite) to the M4 bolts



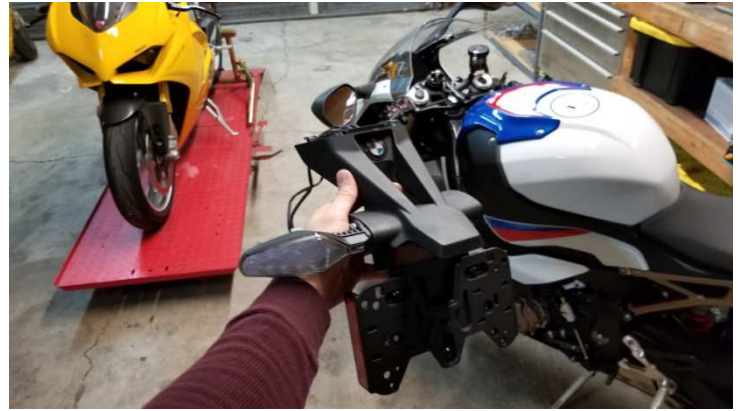
17. The single connector leg of the wire harness threads under the throttle side of the trunk. Connect to the OEM harness female plug.

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18. The 2 connector leg of the wire harness threads underneath the 2 wires and out the clutch side of the trunk. Connect to the OEM harness female plug.



22. Throw OEM Bracket in garbage



19. Tuck/ route the wire harness wires using the routing tabs like the OEM harness.

20. Swing the diagnostic port connector back into place and reinstall its T20 screw.

21. Snap the Tail fairings back into place and reinstall the T20 bolts on each side.



23. Done

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