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2015-2021 Subaru STi Haltech Elite Series ECU Mount

*Note: This kit is intended to be installed with a Haltech Elite ECU and Haltech I/O Expansion Box. It is manufactured around a patch harness with a printed connector housing from John Reed Racing, Boomslang or other vendors that use the same size. Please contact us if you are unsure of fitment. *

Step 1: Remove OEM Glovebox assembly. Unclip and swing down relay module, you may find this easier to do with unplugging some of this module. Locate the ECU Assembly, unplug the ECU and DCCD Controller. The ECU Mount is held on with x2 M6 bolts that have a 10mm hex head. Remove these and carefully navigate the complete assembly out of the car. Remove the OEM ECU by using a small pick or something similar to release tabs and slide off of mounting bracket. Remove the DCCD Computer from the bracket at this time as well.

Step 2: Bend the RIGHT ecu mounting tab back 90 degrees. This is done easily in a vice, matching the photos below.
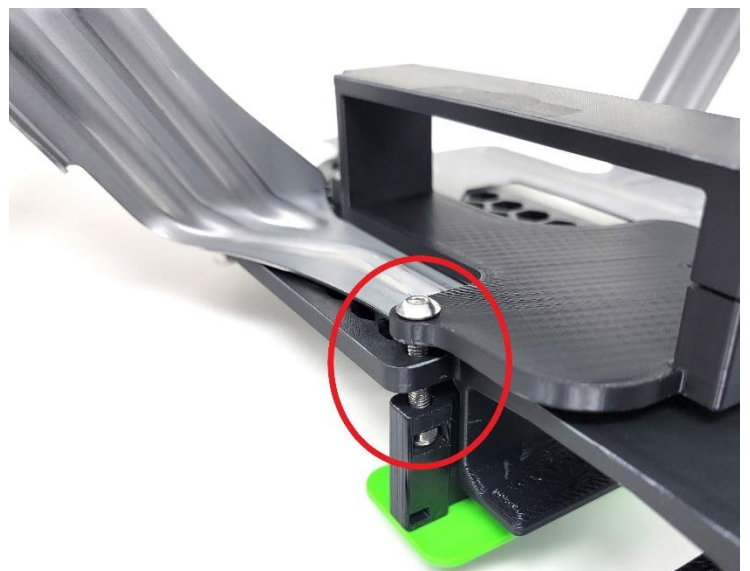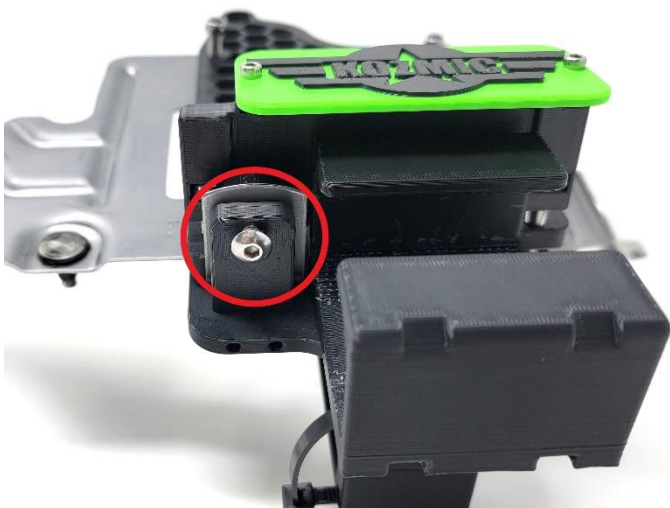
Step 3: Assemble the ECU to the honeycomb mounting plate using the right had side 16mm length bolts and lock nuts. Next install the top left 20mm bolt into the ecu plate, going through the ecu and securing into the logo plate. The bottom left mounting hole will REMAIN OPEN for now. **NOTE: Picture does not show an ecu installed here, however it should be installed on the bracket at this time**

Step 4: Install the Haltech I/O Expansion Module and secure with included zip ties. Orient the head of the zip tie at the corner as shown and tighten. **NOTE: Picture does not show an ecu installed here, however it should be installed on the bracket at this time**

Step 5: Assemble the honeycomb ECU plate and the patch mounting plate onto the OEM ecu mount. These will sandwich the OEM plate and secure using a 20mm bolt into the side mounting tab, a 30mm bolt into the other hold of the ECU mount into the logo plate, 16mm bolt into the back of the honeycomb plate (SNUG ONLY - do NOT over tighten this bolt), and finally the spacer/bolt/nut combo to bolt into the OEM mount. **NOTE: Picture does not show an ecu installed here, however it should be installed on the bracket at this time**
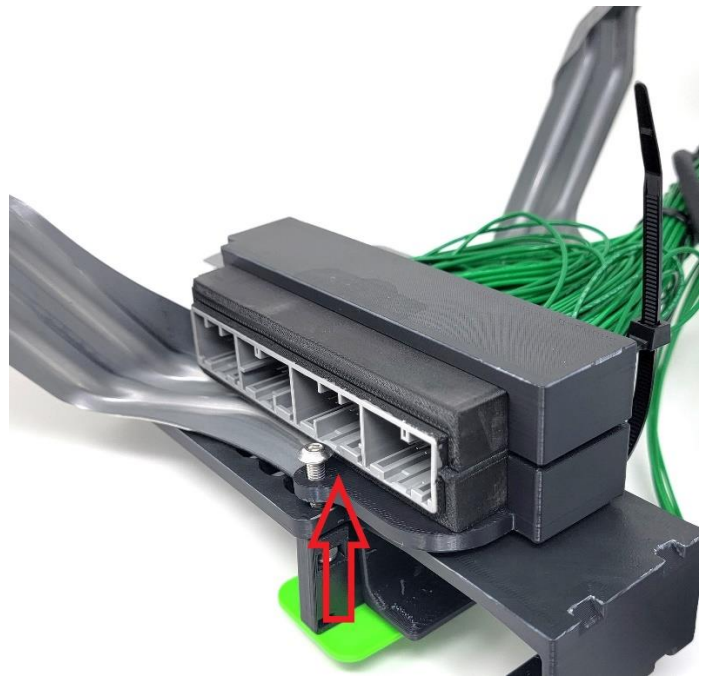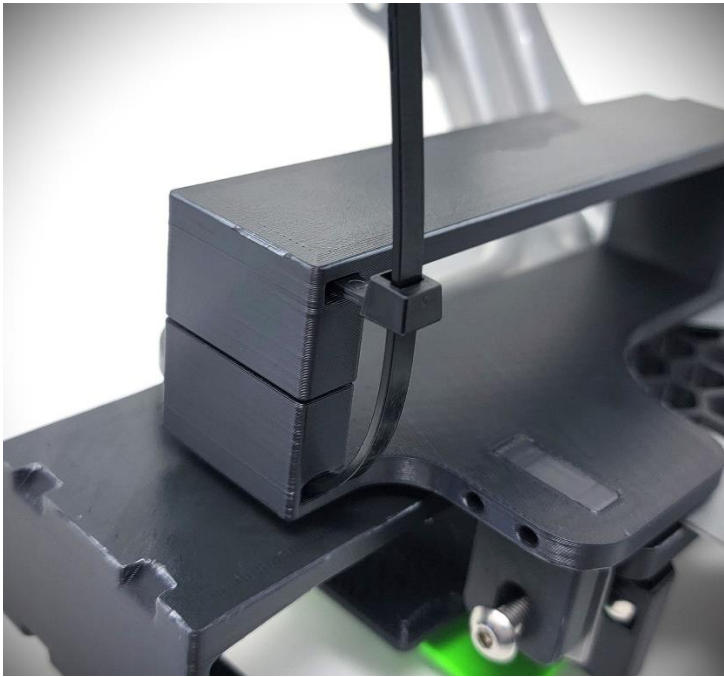
Step 6: Install the Sharps Kit onto the OEM ECU Mount.

Step 7: Plug the patch harness into the ECU. At this time if there are zip ties or coverings on the patch wiring itself this is a good time to remove them to allow the wire to rotate and flex as needed. Route the OEM connector assembly over the ECU bracket and into the holder mount. Feed a zip tie through the clamping system, move the OE connector to where the front of it is at the lower securing bolt and tighten the zip tie to secure the plug housing. **NOTE: Picture does not show an ecu installed here, however it should be installed on the bracket at this time**

Step 8: The main ECU bracket is now assembled and ready to install. Any sub wiring, CAN wiring etc should be performed now or once installed in the car. Reinstall the ECU assembly into the car. This is a tight fit! Watch the patch harness wiring on install and once installed for rubbing on sharp edges. The DCCD computer will need to be remote mounted to the bottom of the OEM Ecu bracket you just installed using an M6 bolt and nut. Below is a picture showing the location of that hole. **NOTE: Picture does not show an ecu installed here, however it should be installed on the bracket at this time**

Motec M150 Kit is pictured here. OEM harness will connect into patch harness on the opposite side of what you see it plugged into here.

Questions? Contact us via email for technical assistance. Sales@KozmicMotorsports.com

Need a base map? Ready to get tuned? Let us know!