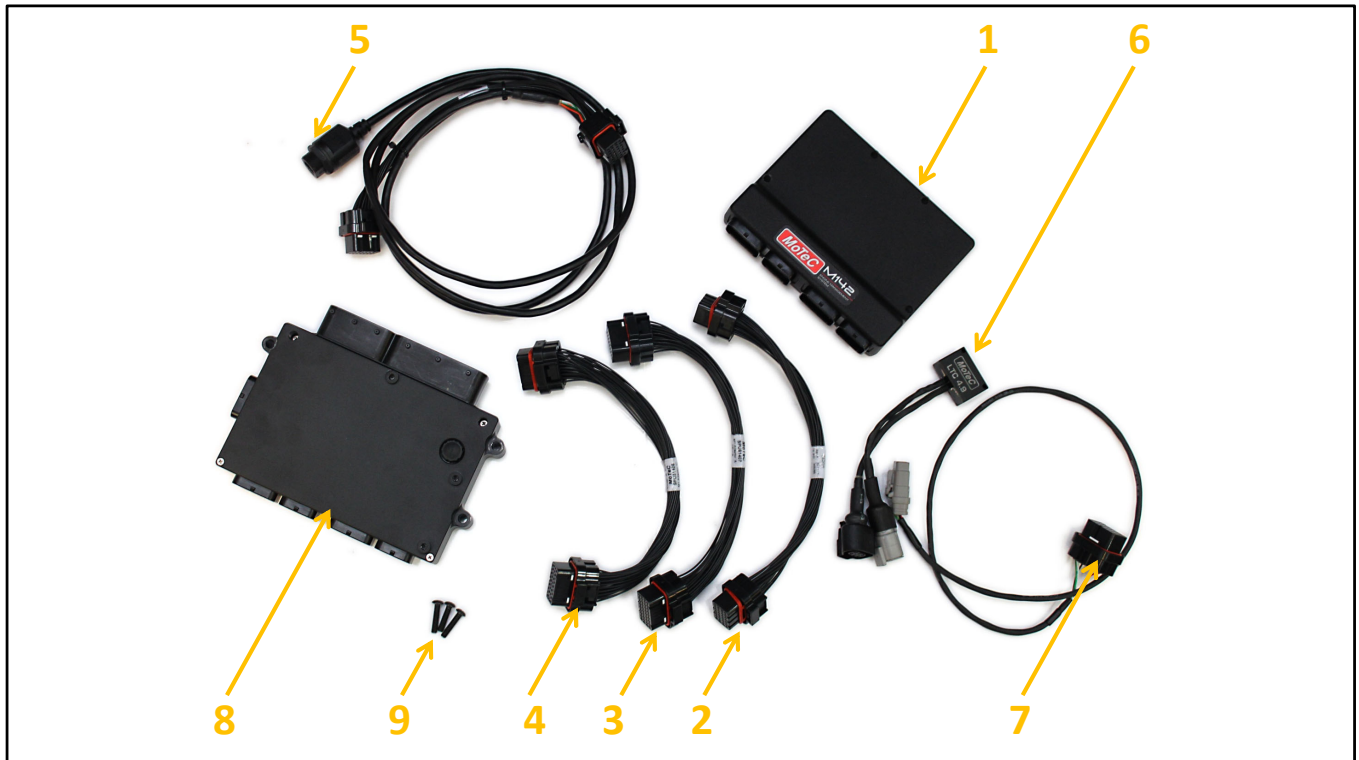


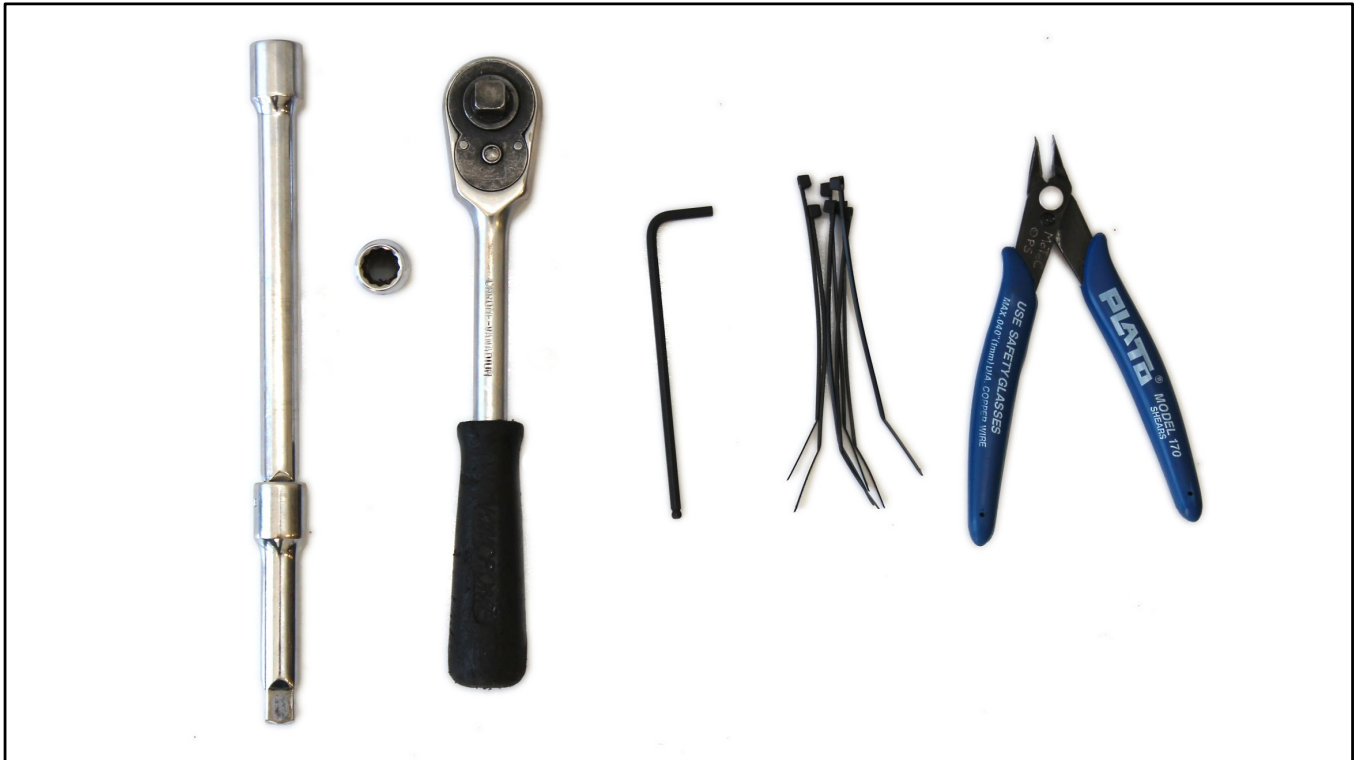
MoTeC

M142 HONDA CIVIC FK8R 2017 KIT INSTALL INSTRUCTIONS

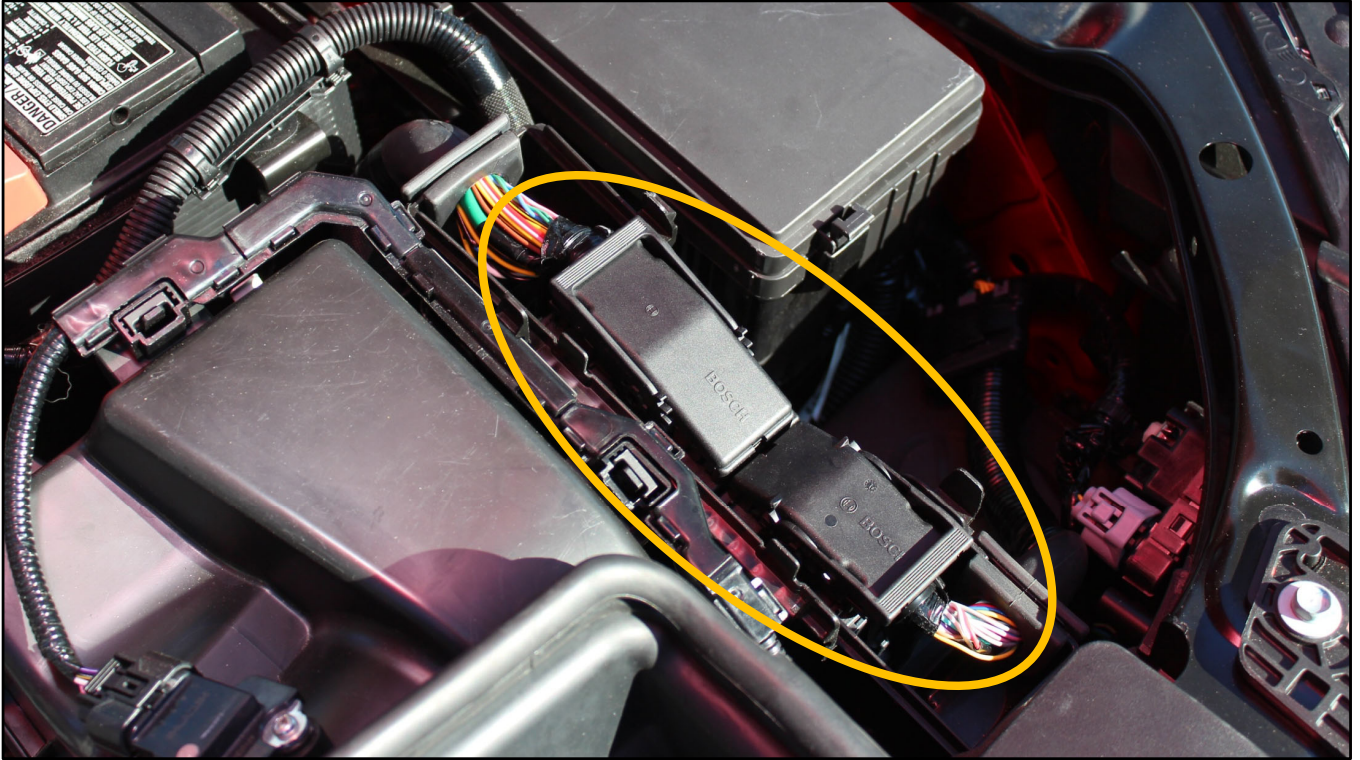


MoTeC**M1 Honda Civic FK8R 2017 Kit Components:**

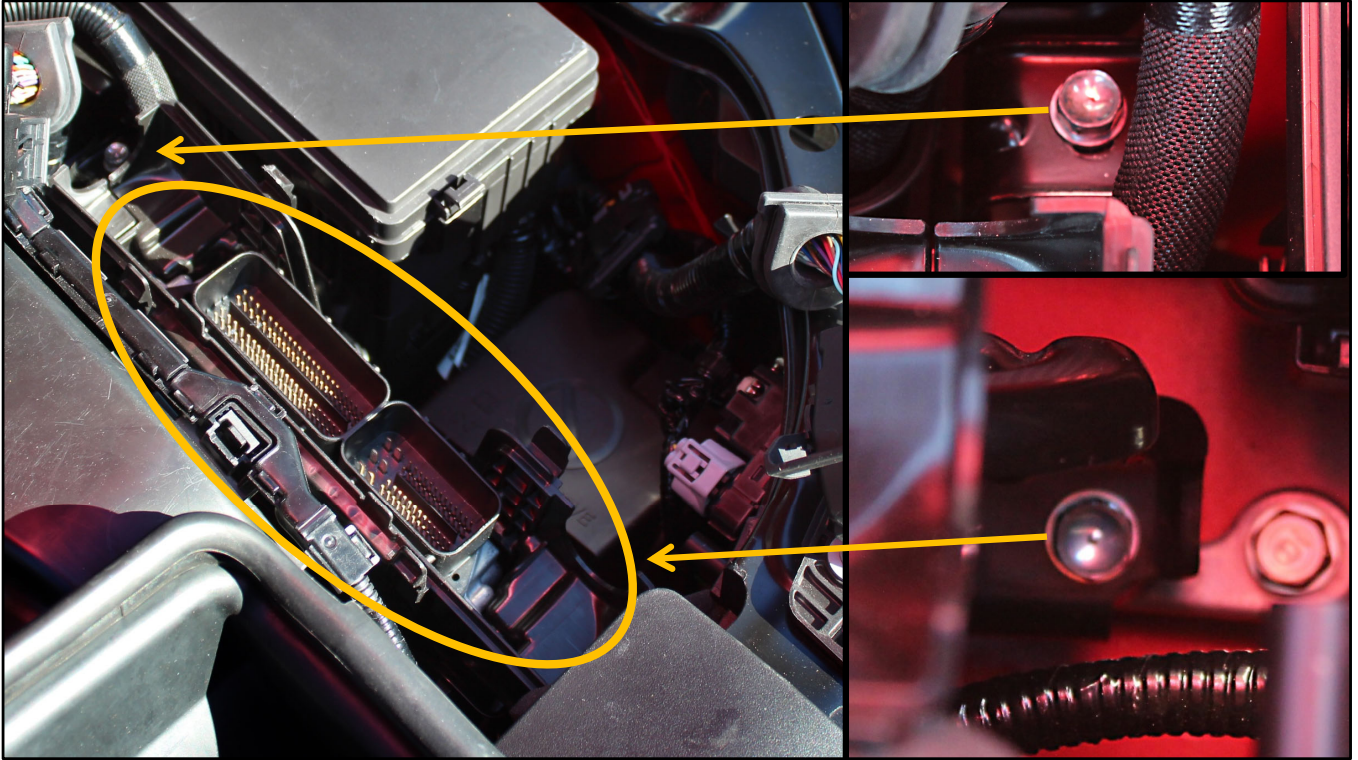
1. MoTeC M142 ECU
2. M1 Adaptor 250mm Stub Loom A
3. M1 Adaptor 250mm Stub Loom B
4. M1 Adaptor 250mm Stub Loom C
5. M1 Adaptor 250mm Stub Loom D (Ethernet Cable)
6. MoTeC LTC 4.9 (Bosch LSU version)
7. MoTeC Honda Civic FK8R 2017 Breakout Loom
8. MoTeC M142 Honda Civic FK8R 2017 Adaptor Box
9. M5x20mm Button Head Cap Screw (Qty 3)

MoTeC**Tools required to install the kit:**

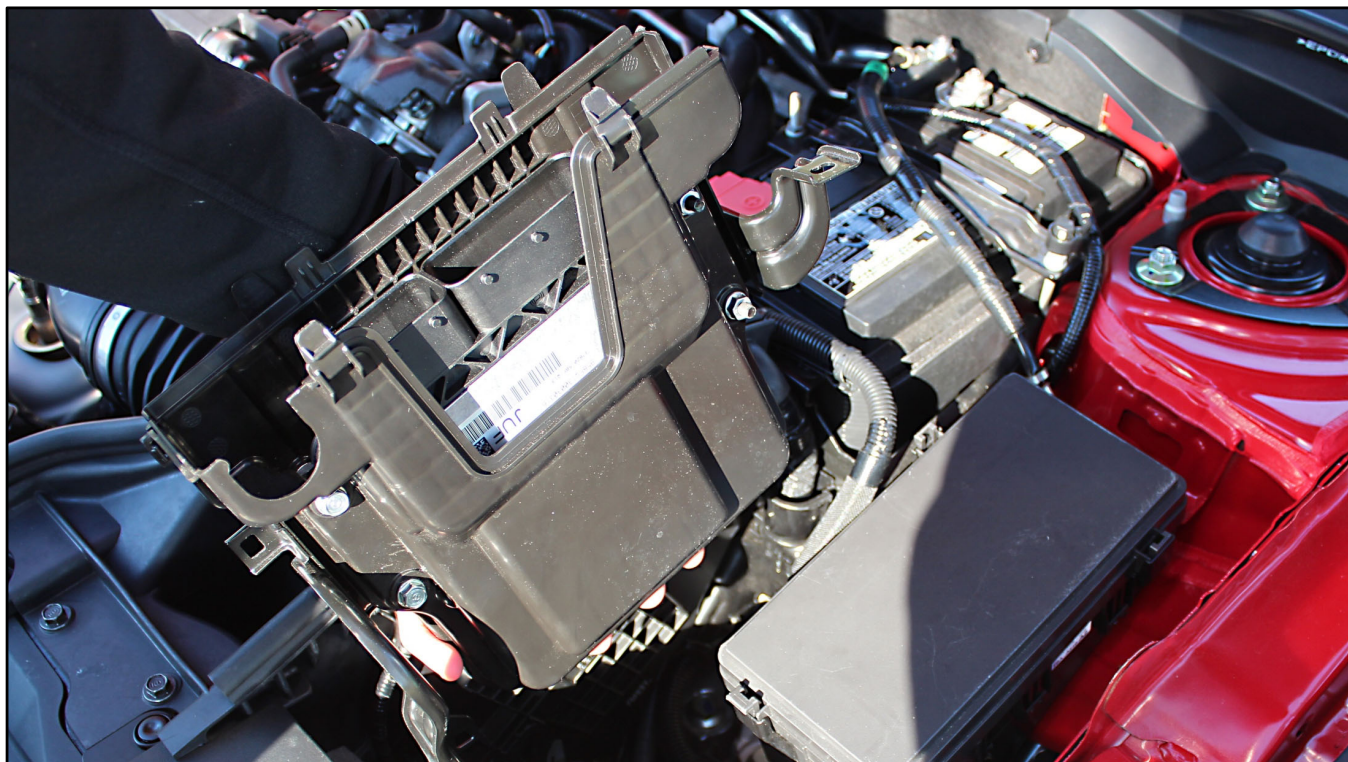
- Ratchet, Ratchet Extension and 10mm Socket
- 3mm Allen Key
- Cable Ties
- Side Cutters

MoTeC**STEP 1:**

Locate the original Honda ECU to be replaced (front left of engine bay) and disconnect the two Honda engine harness connectors.

MoTeC**STEP 2:**

Using the ratchet, extension and 10mm socket remove the two bolts that secure the factory ECU bracket to the chassis.



STEP 3:

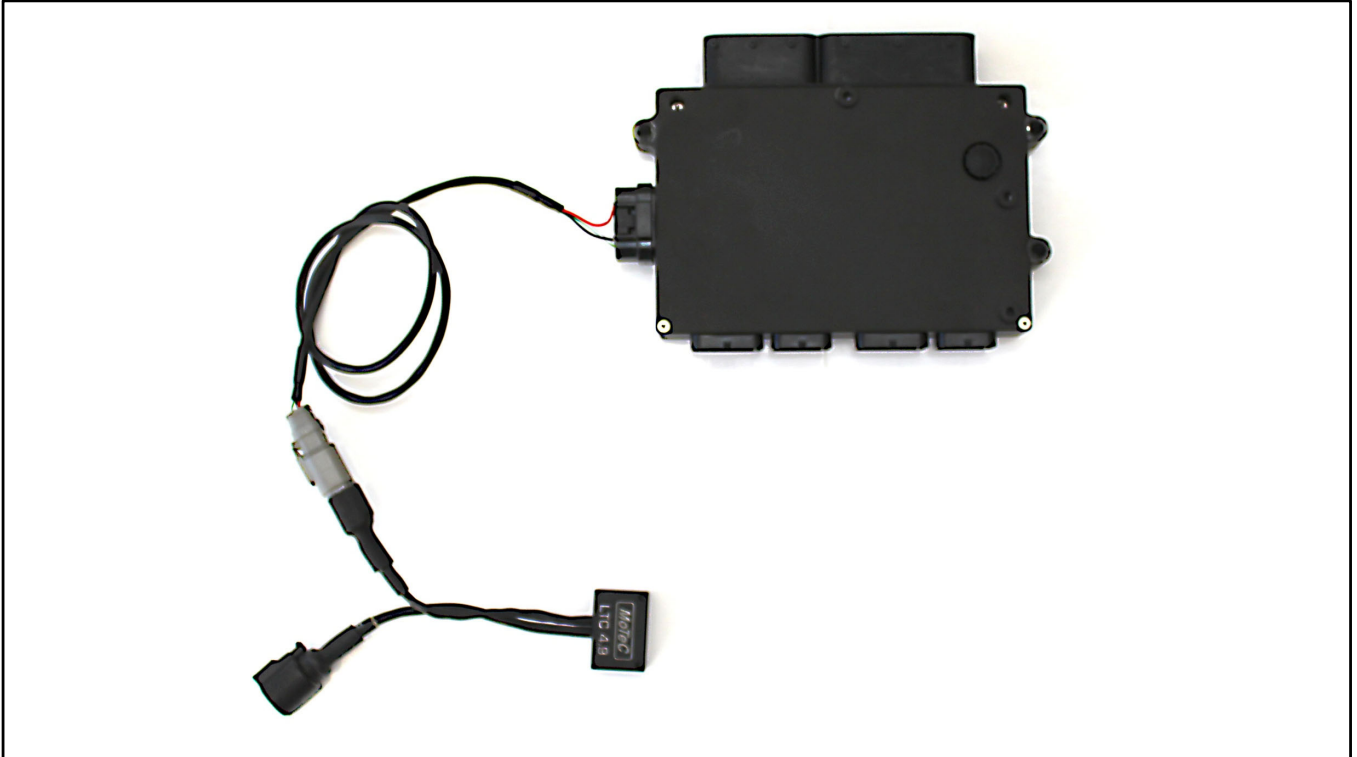
Remove the factory Honda ECU

MoTeC**STEP 4:**

Remove the two nuts and two bolts that fix the factory Honda ECU to the ECU bracket.

**STEP 5:**

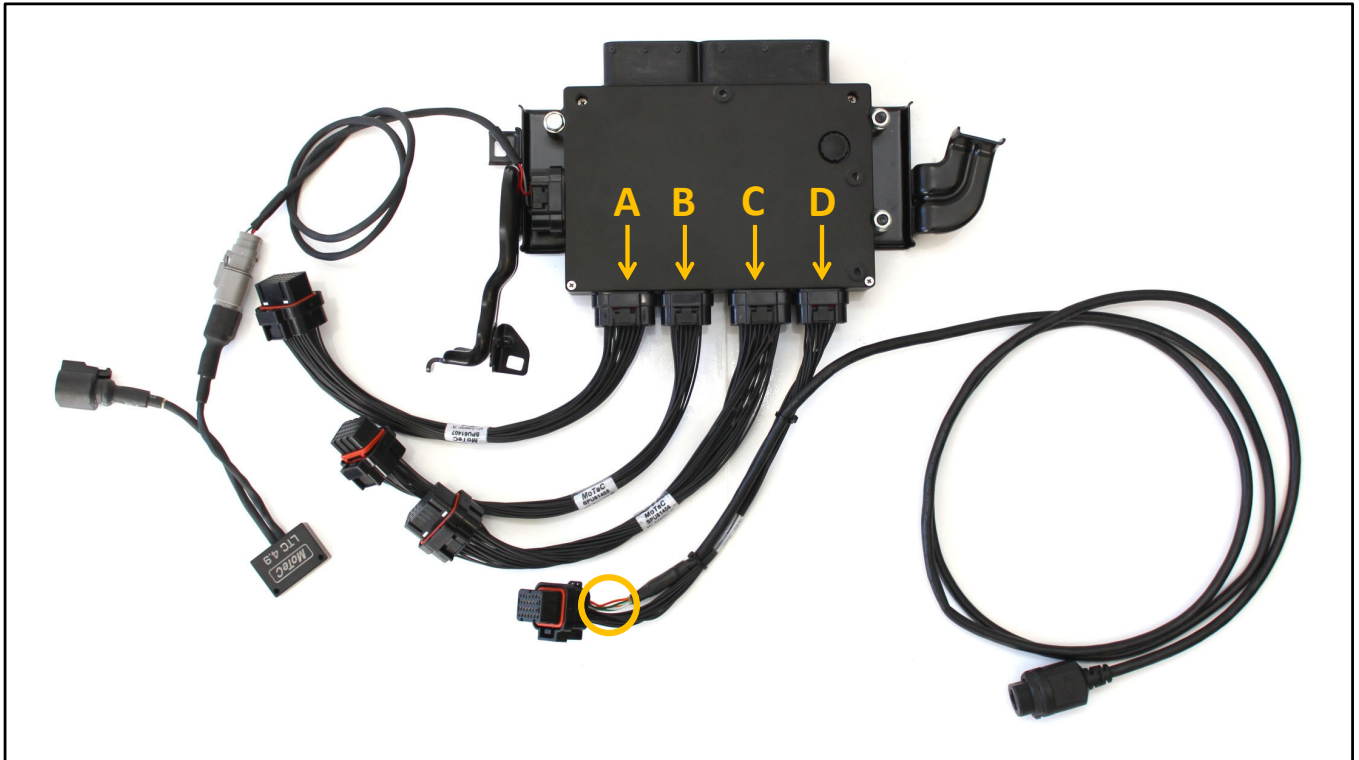
Separate the factory Honda ECU from the bracket.

MoTeC**STEP 6:**

1. Connect the MoTeC LTC to the MoTeC breakout loom.
2. Connect the breakout loom to the breakout connector on the side of the MoTeC adaptor box.

MoTeC**STEP 7:**

1. Place the Adaptor Box on the OE Honda ECU Bracket.
2. Fasten using one bolt and two nuts that were removed in Step 4.

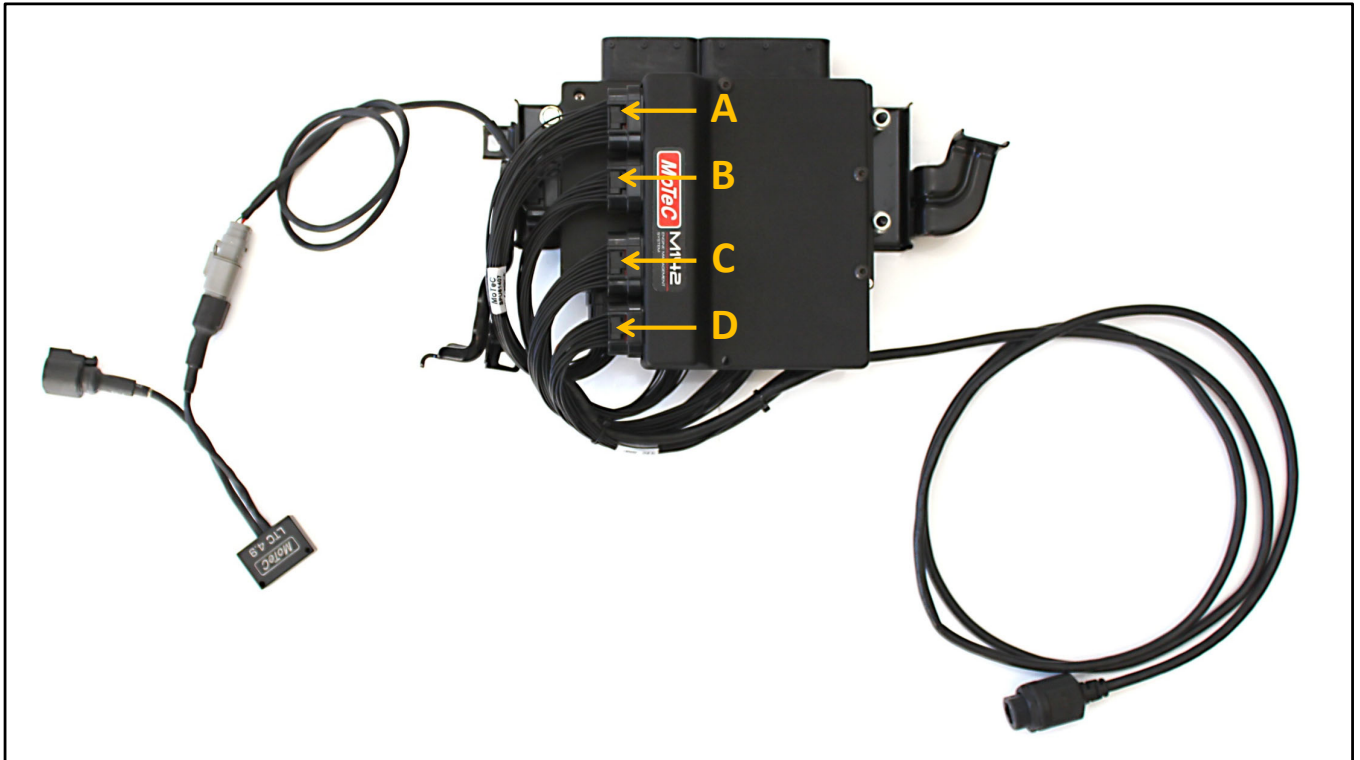
MoTeC**STEP 8:**

Connect the adaptor stub looms to the associated adaptor box connectors.

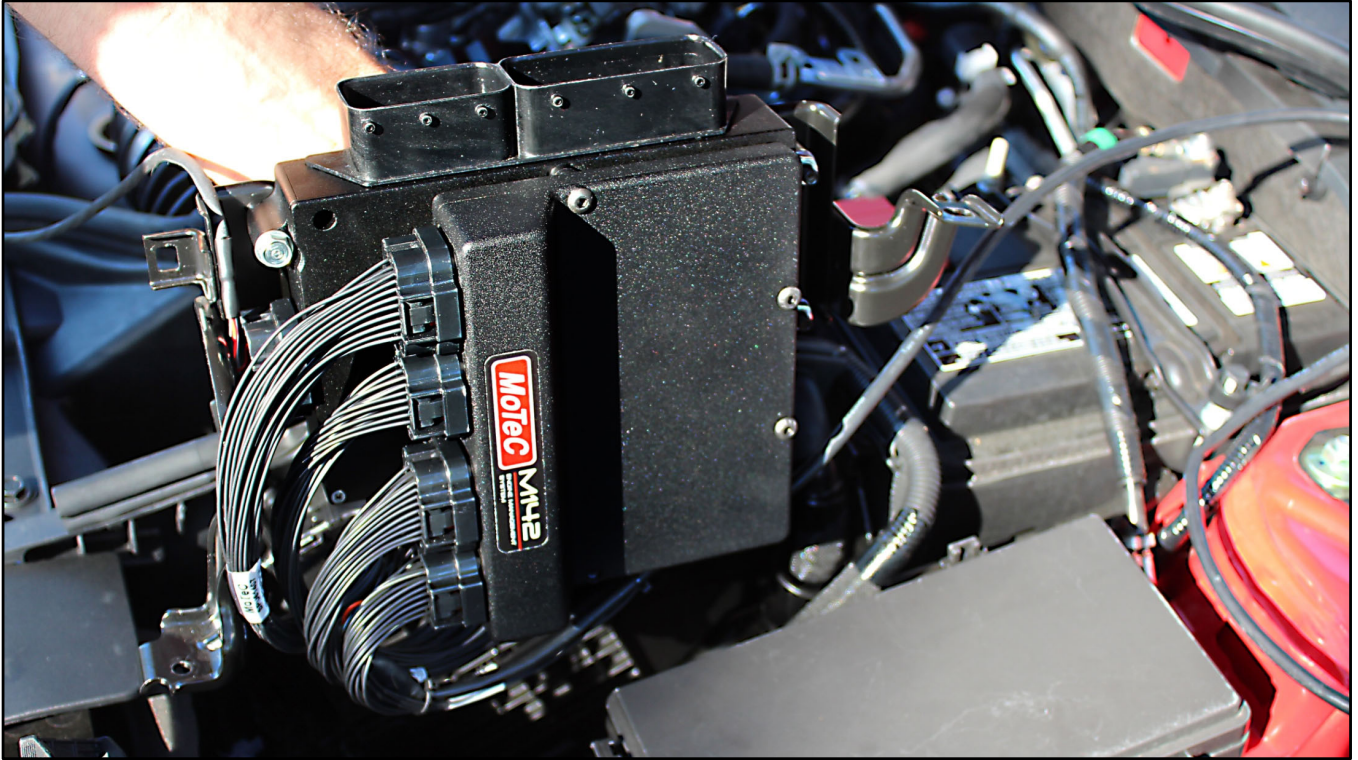
When connecting Adaptor Stub Loom D, the Ethernet comms cable end must not be connected to the adaptor box. Adaptor Stub Looms A, B and C can be connected at either end.

MoTeC**STEP 9:**

1. Place the ECU on top of the adaptor box as shown.
2. Fix the ECU in place with the three button head cab screws provided.

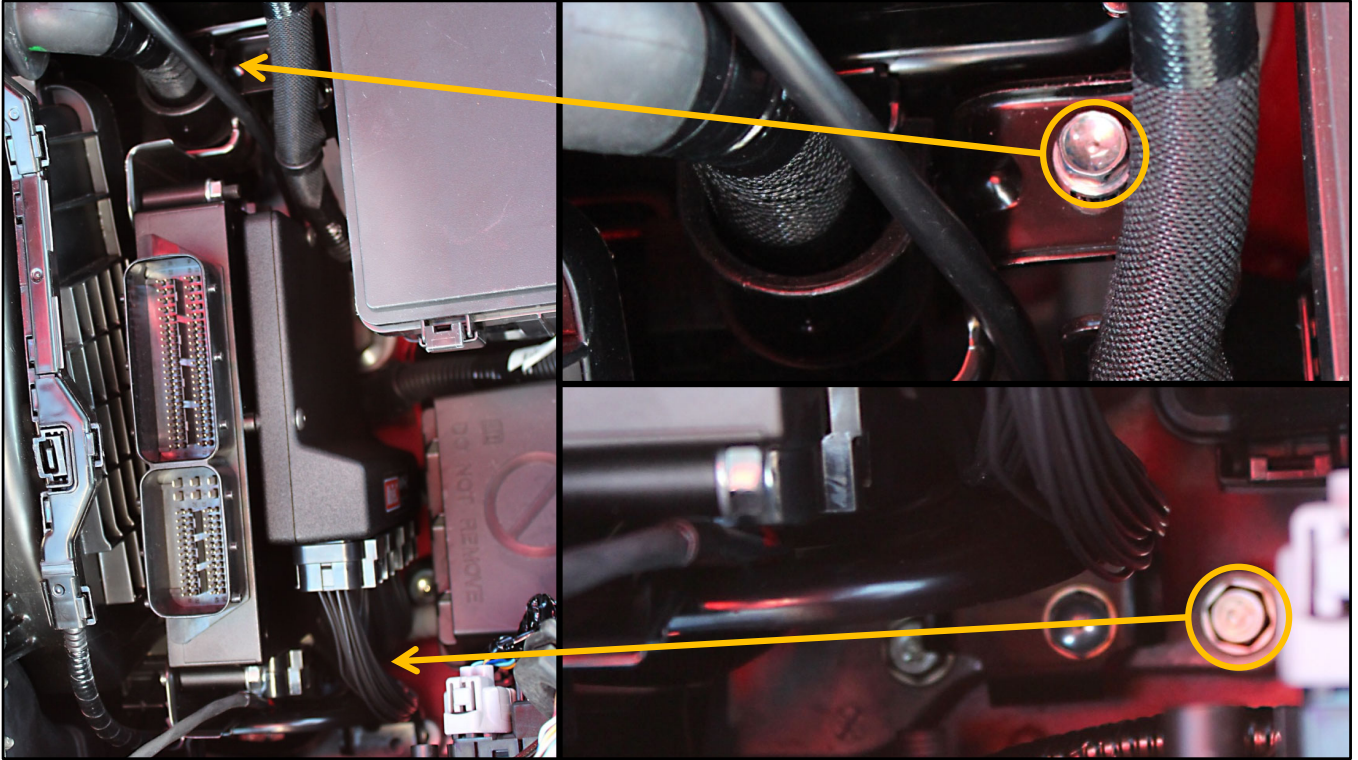
MoTeC**STEP 10:**

Connect the adaptor stub looms to the associated M142 connectors.

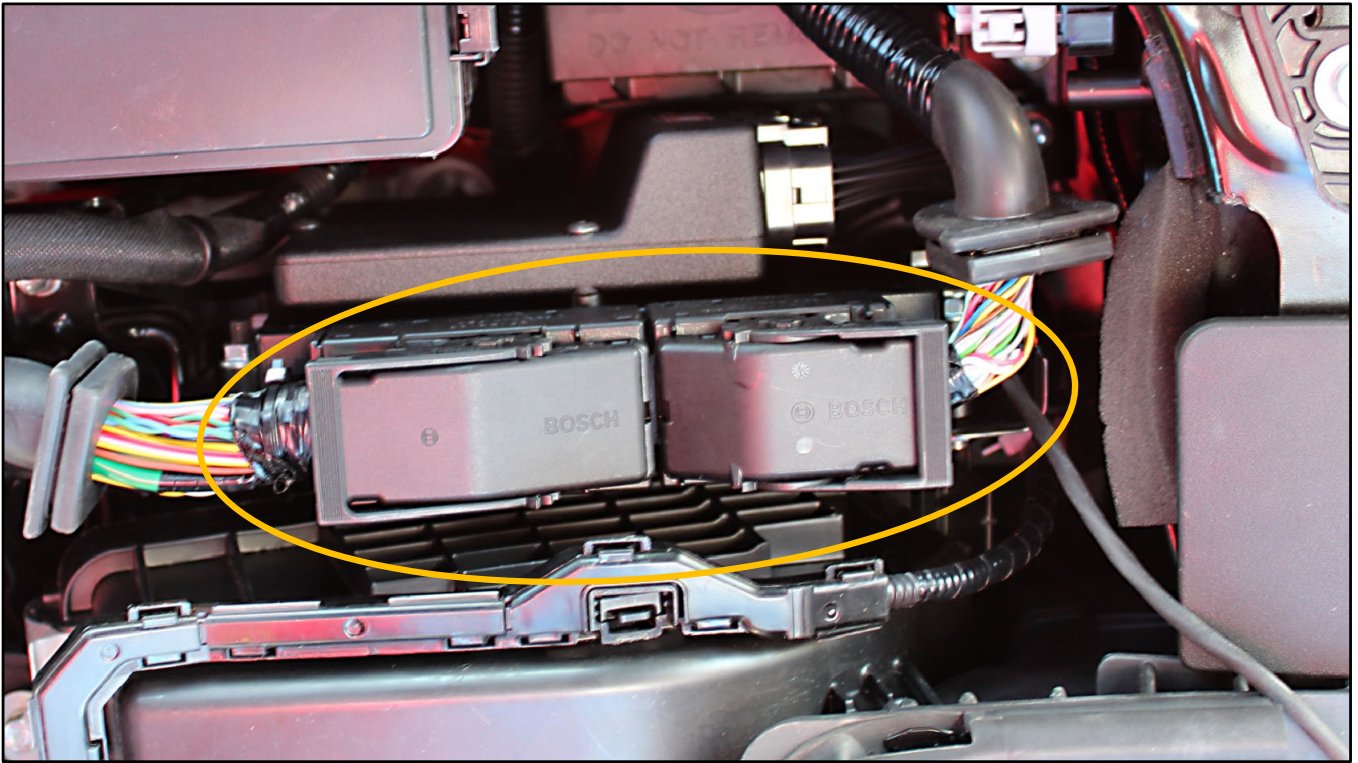


STEP 11:

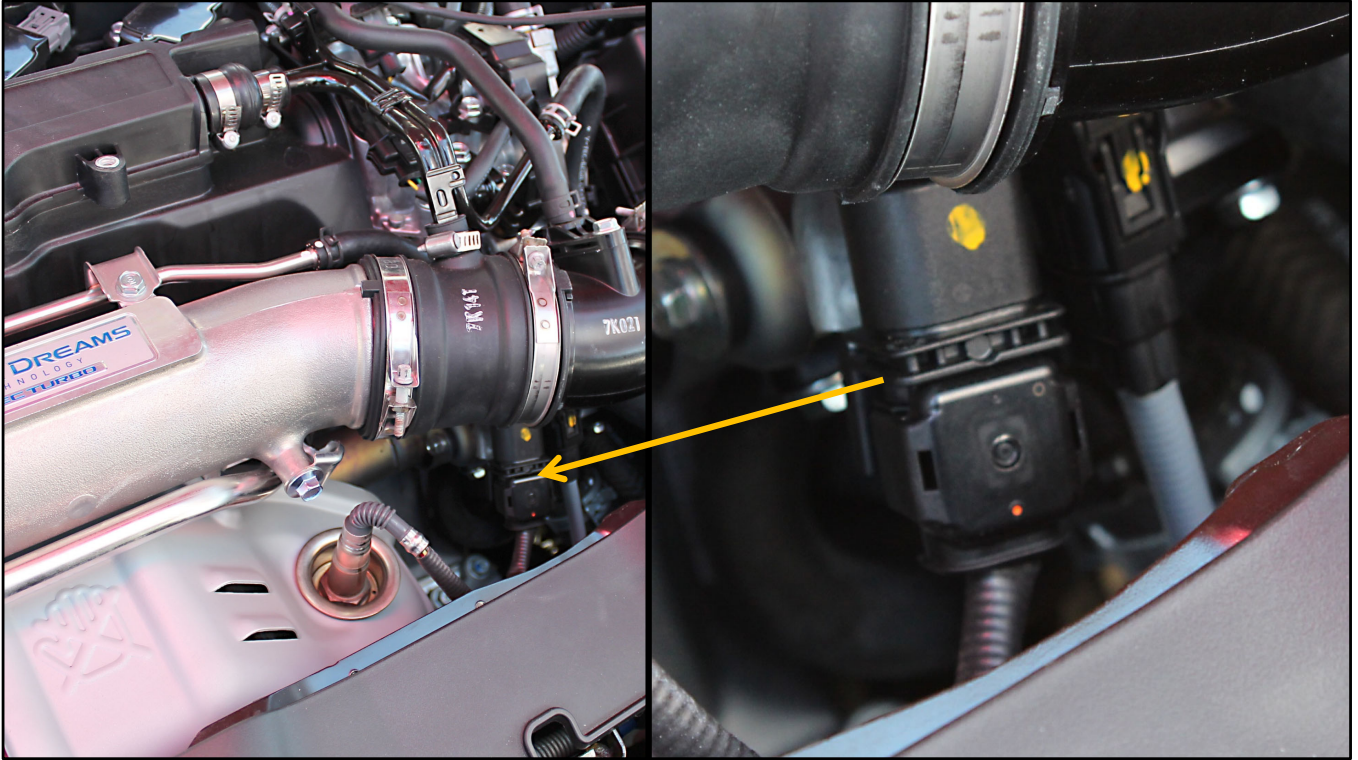
Orientate the assembled ECU kit as shown and place back into the cavity from which the factory Honda ECU was removed.

**STEP 12:**

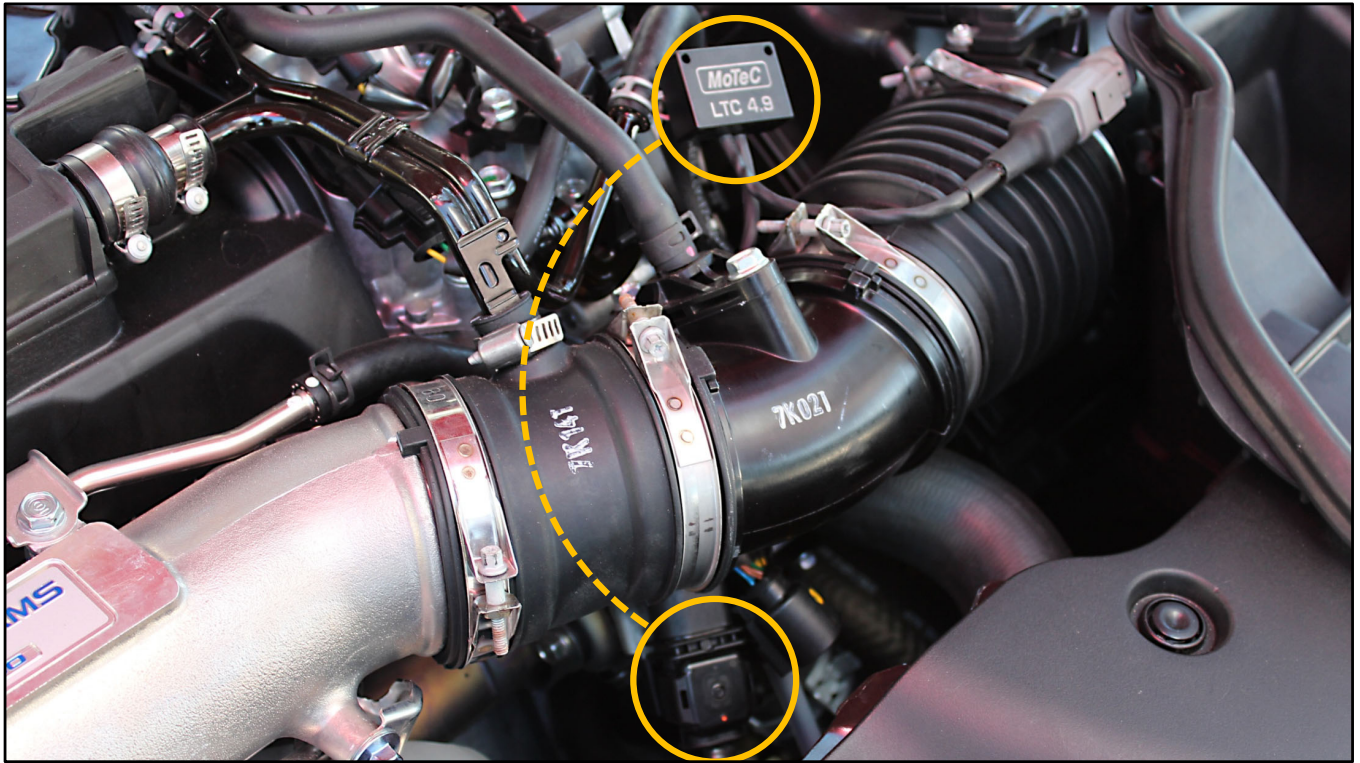
Reinstall the bolts that were removed in Step 2.

MoTeC**STEP 13:**

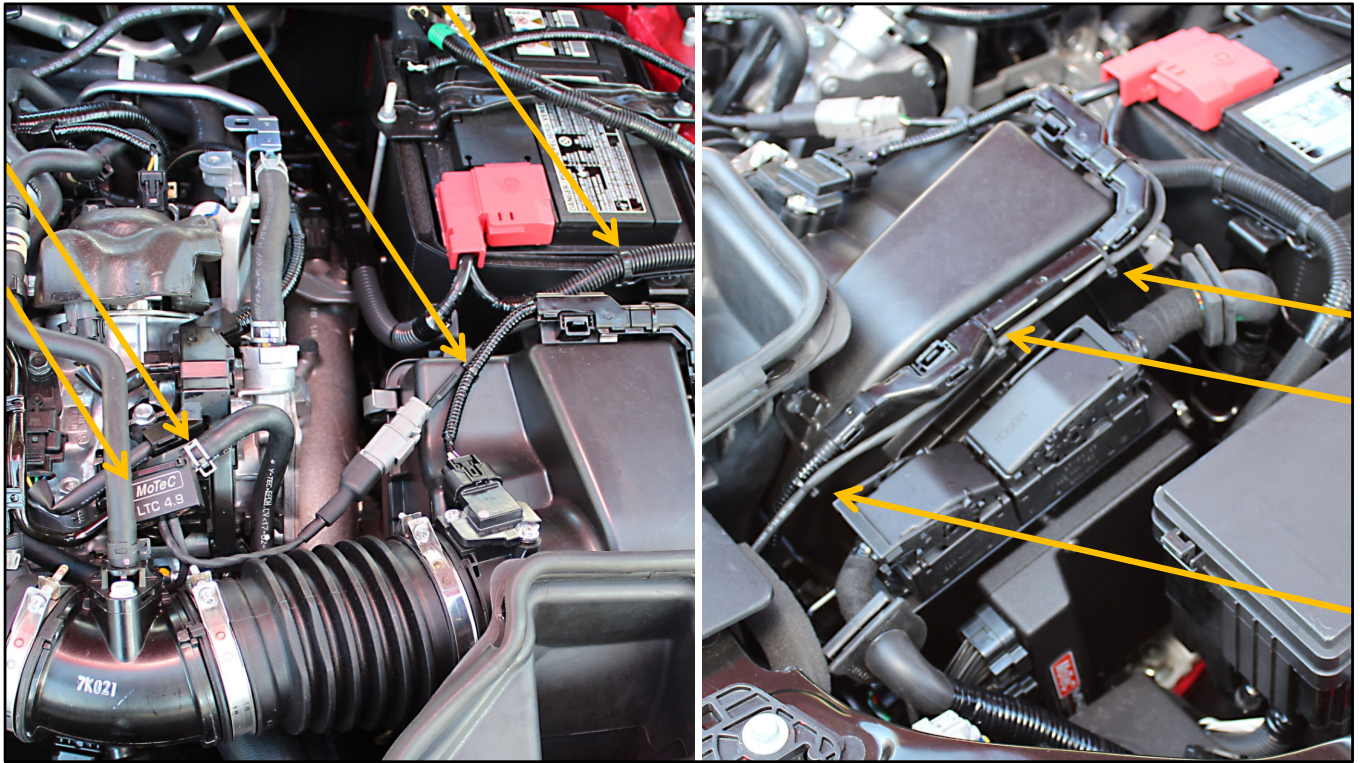
Connect the Honda engine harness to the mating adaptor box connectors

MoTeC**STEP 14:**

Disconnect the Honda lambda sensor connector from the Honda engine harness.

**STEP 15:**

Feed the MoTeC LTC lambda sensor connector underneath the intake pipe and connect to the Honda Lambda Sensor.

**STEP 16:**

Use cable ties to hold the LTC and LTC loom in position.