Control Box
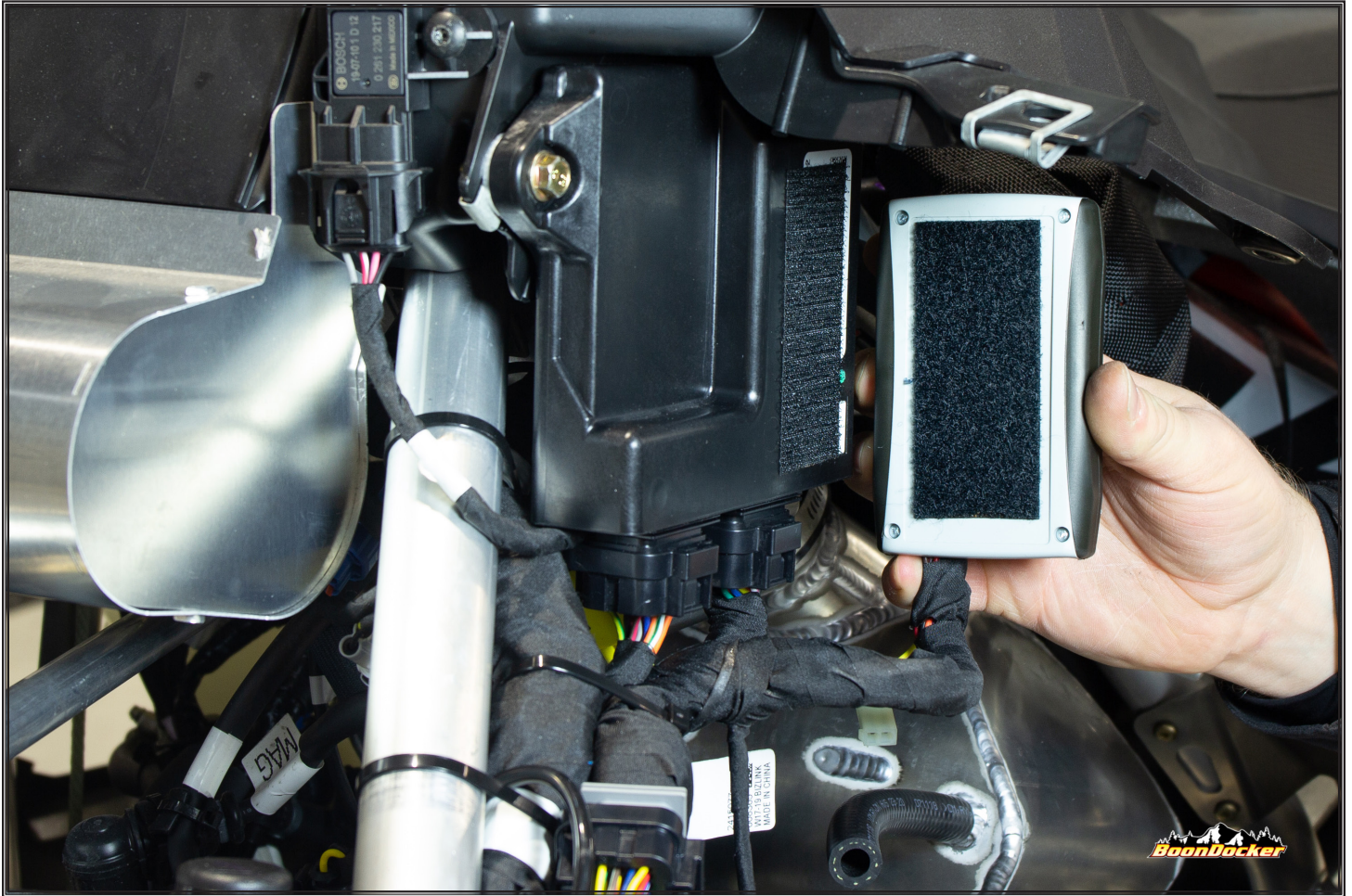

WIRING DIAGRAM:

B Goes to stock wiring harness (you removed this from the ECU in a prior step)

C Plugs directly into the stock ECU

D Attach ground wire to PTO side of snowmobile, where stock ground wires are attached (near bumper mount)

E Plugs to boost control solenoid on turbo bracket

F Plugs to 4-bar MAP sensor on BoonDocker supplied charge air box

G Plugs into the PTO side auxiliary fuel injector (supplied installed on BoonDocker charge air box

H Plugs into the MAG side auxiliary fuel injector (supplied installed on BoonDocker charge air box

I Plugs into exhaust valve servo motor and stock plug (underneath pipe, in nose cone)

Plug the BoonDocker Fuel Controller directly into the ECU and velcro controller to the ECU as shown.

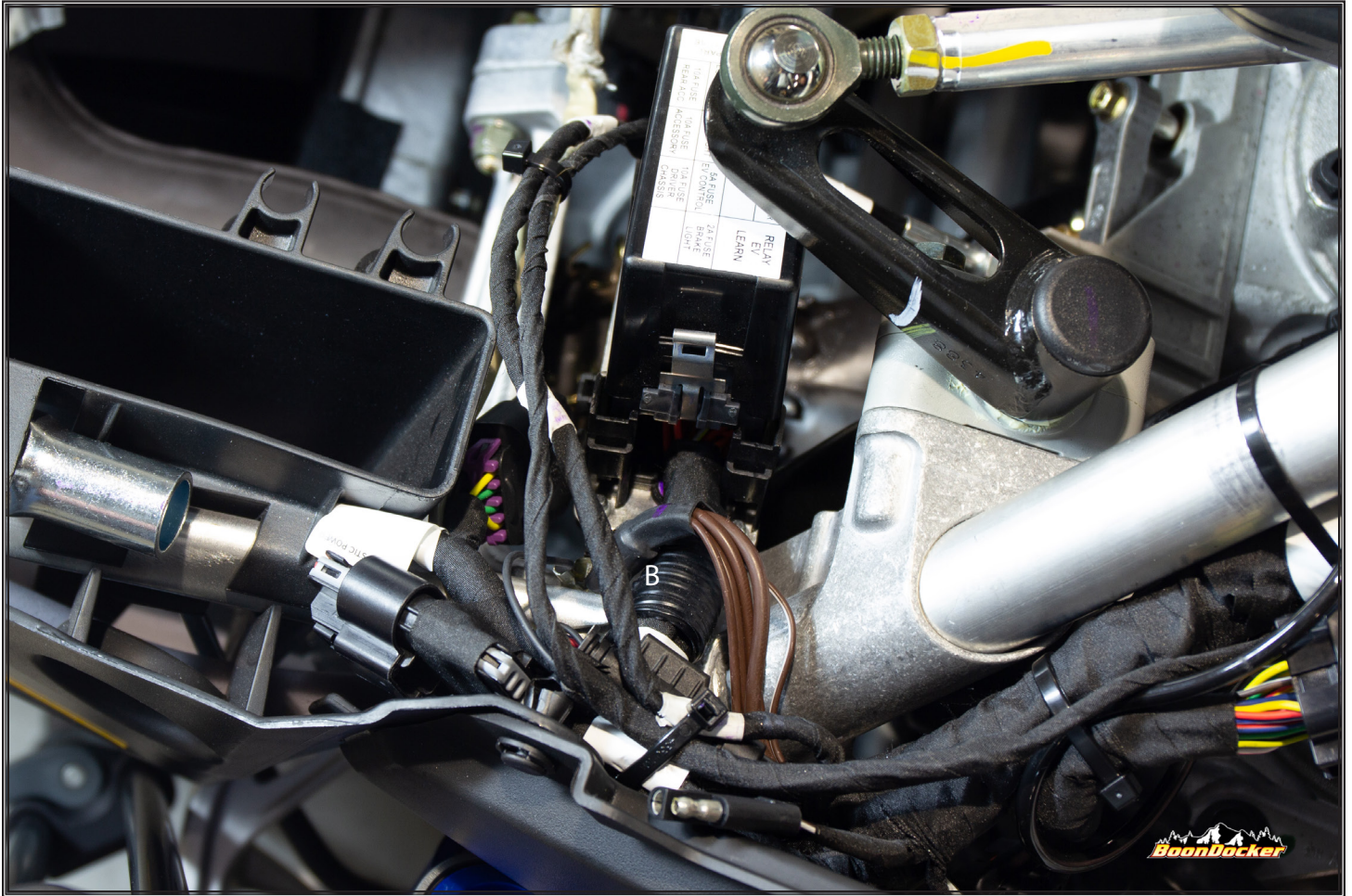Connect the stock ECU plug into the fuel controller, and zip tie as shown.

Control Box

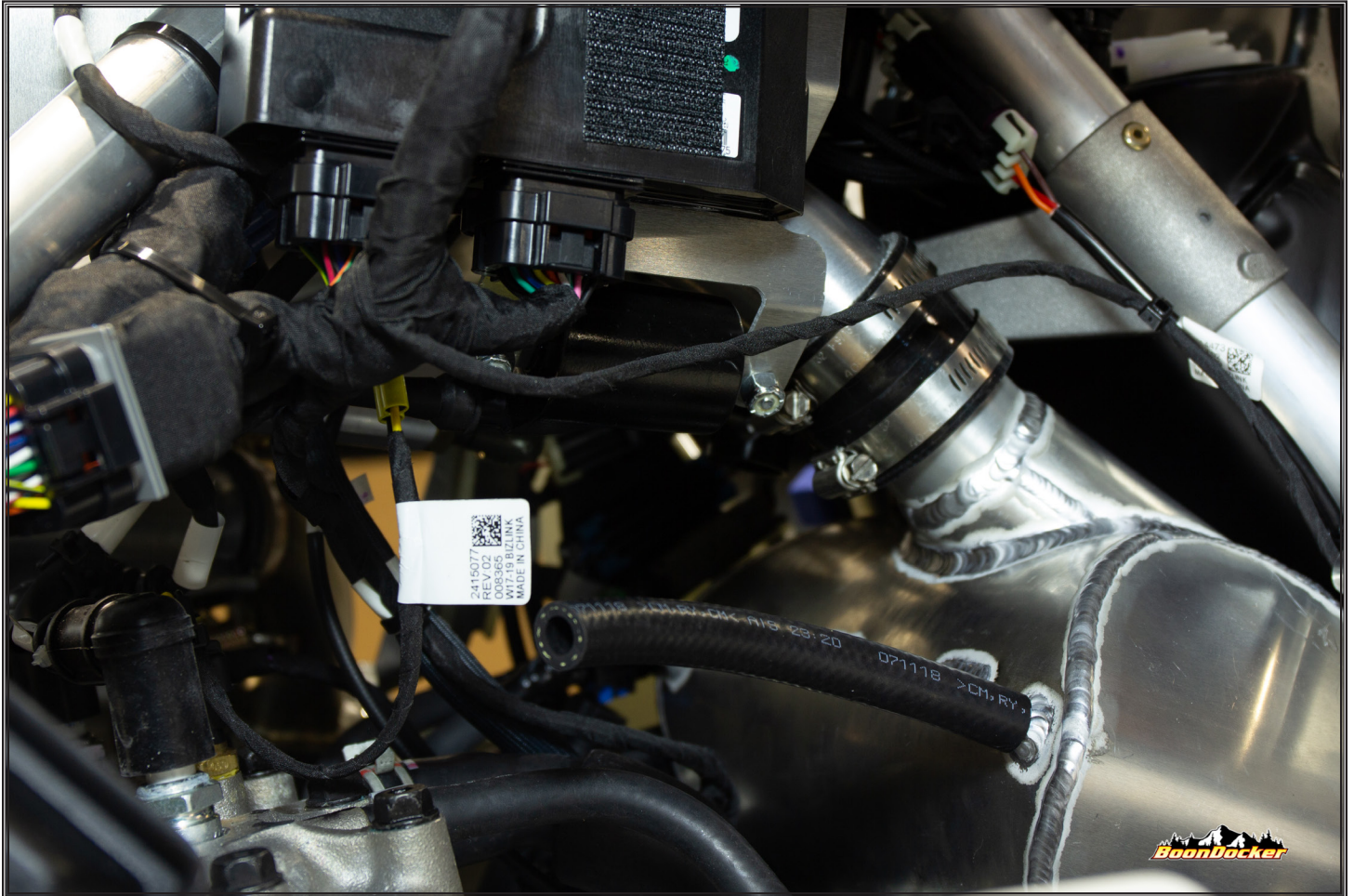Connect ground eyelet, coming from fuel controller to the common ground bolt located on the front bumper mount.

Cut zip ties and route the faactory exhaust valve wire harness up near front bumper mount and plug into the fuel controller wire harness. Route the fuel controller exhaust valve harness to the exhaust valves', zip tying same as stock.

Route the auxillary fuel injector harness and zip tie as shown

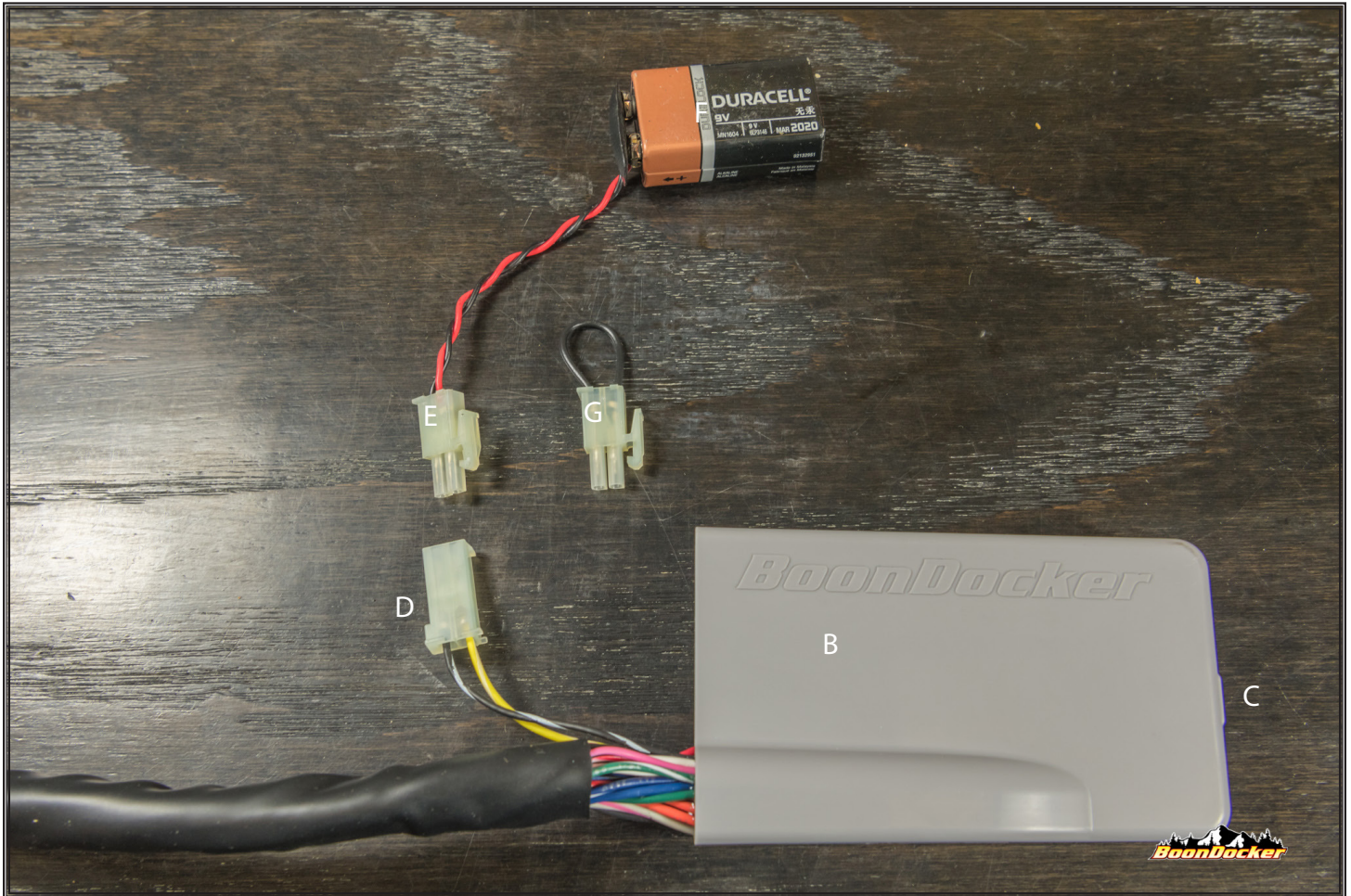**Plug auxillary fuel injector harness into fuel injectors and zip tie as shown.**

Route boost solenoid, boost sensor and oil pump wire harness and zip tie as shown.

PLug all connectors into their corresponding componenets.

Control Box

B **Control Box**
C **USB "Update" Port** (Micro-USB cable not included, required for update installation)
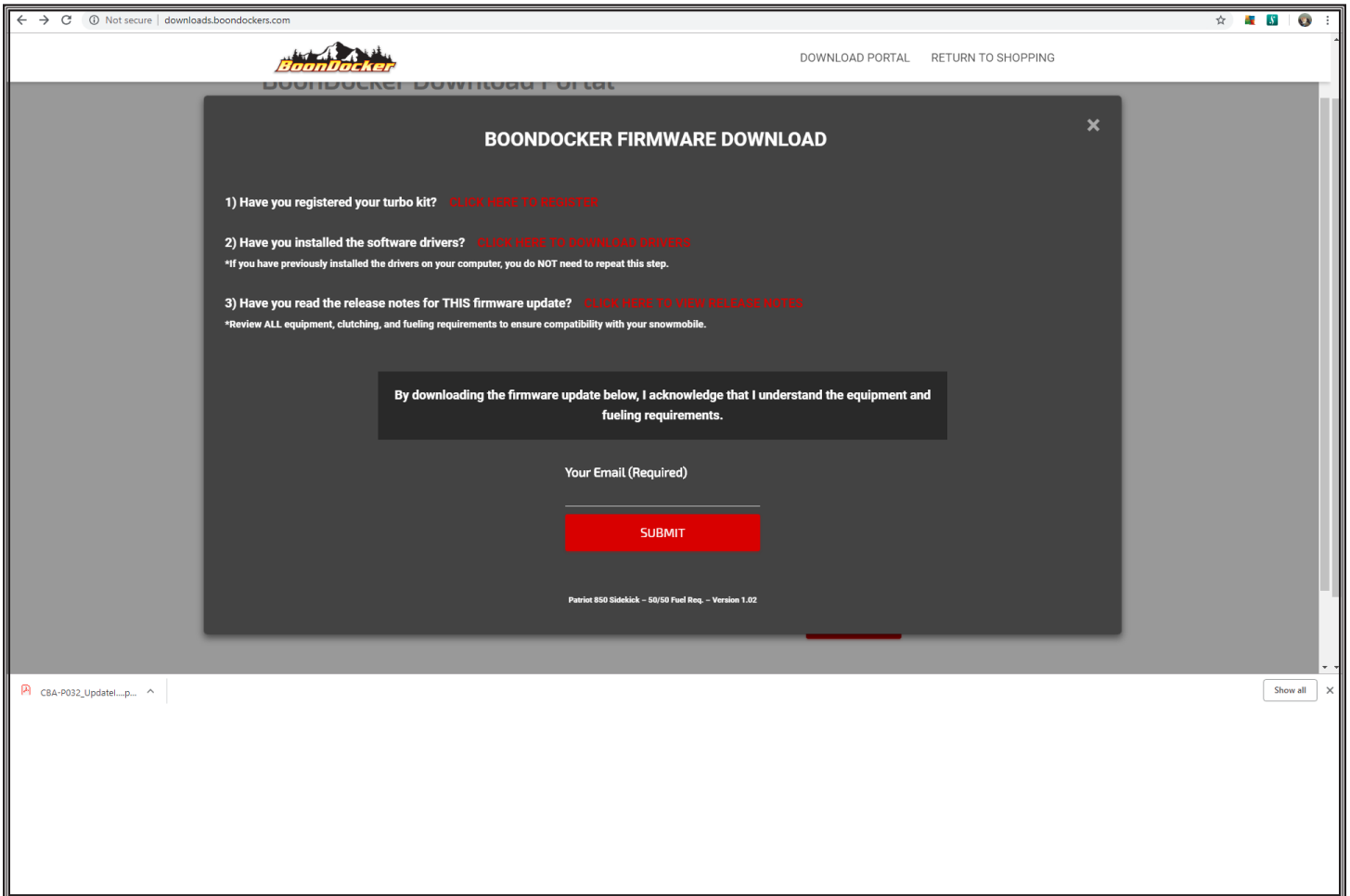D **Control Box "Jumper" port**
E **"Battery Power" Jumper** (required for update installation)
F **9V Battery** (not included, required for update installation)
G **"Map" Jumper** (leave unplugged, unless instructed by BoonDocker)

NOTE: During normal operation, nothing should be plugged into the D Jumper port, unless specifically requested by BoonDocker.

Control Box

UPDATING your control box is required! DO NOT RUN your snowmobile without first updating your control box.

UPDATE YOUR CONTROL BOX: Please refer to Control Box Update Instructions, available at http://downloads.boondockers.com/