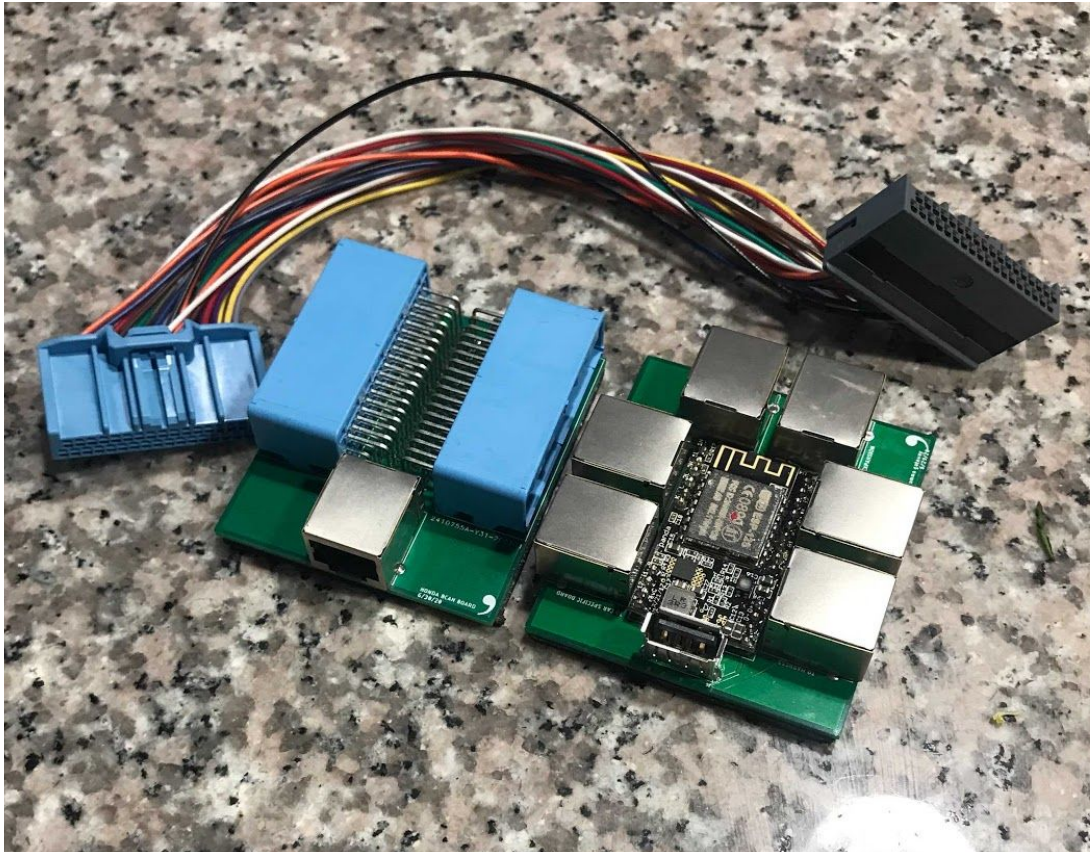
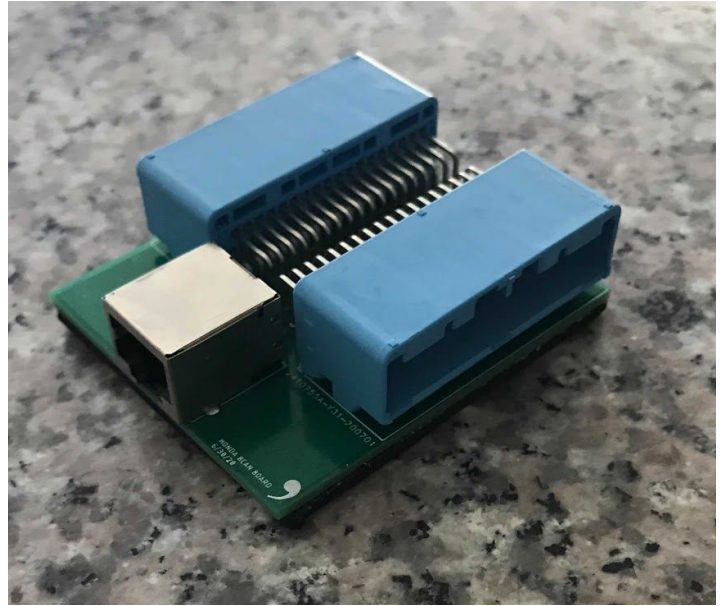


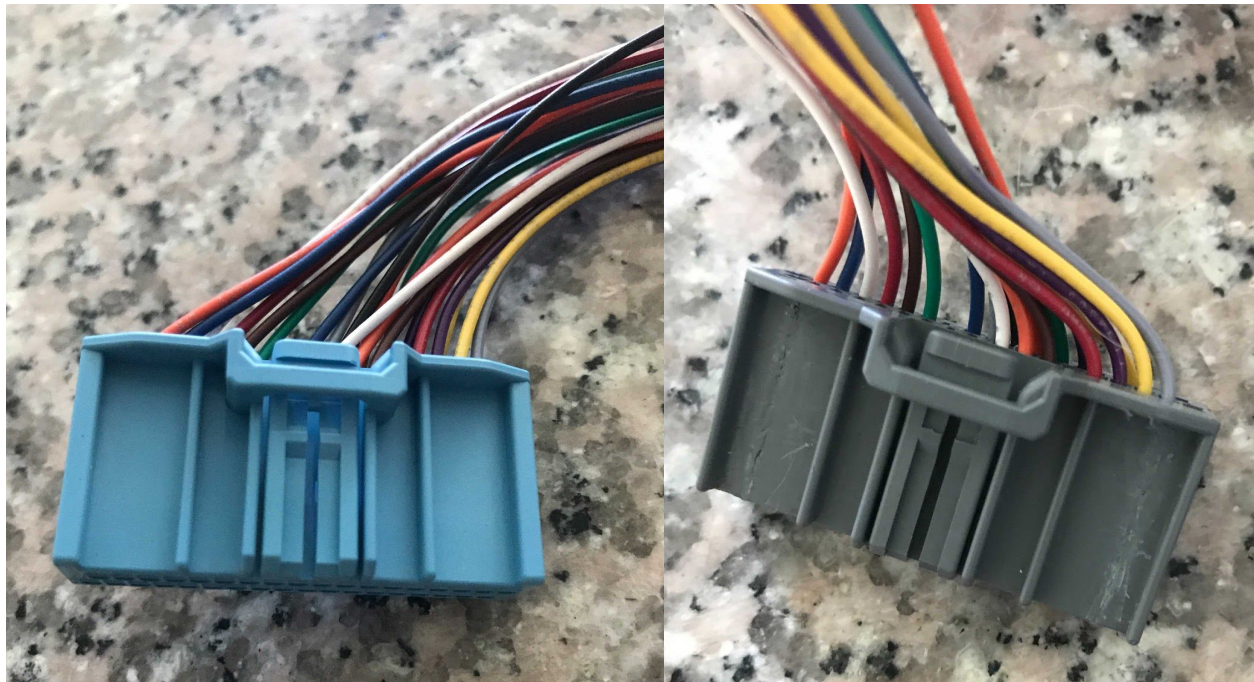
Gateway and B-CAN board (simple) Build Guide



This is the finished outcome. One gateway board, one vehicle specific board (Honda B-CAN pictured) and one vehicle specific harness (to go from the vehicle specific board to the BCM module we are tapping into).



Simply solder the three connectors to this board. Order does not matter. I chose to add some sticky foam to the bottom to protect the pins and prevent any accidental shorting. Could add shrink wrap around the full board to give more protection.



Follow your vehicle's wiring diagrams (or populate all wires) between the two connectors. Make sure that you do not flip pin location between each connector.

If using the Grey JAE connector be sure to trim to match the blue connector (as pictured). There will be another plastic tab that will prevent the connector from fitting in the BCM.



Not pictured - Use a white or grey panda and remove the case. The Panda is two boards stacked. The lower board has the OBDII connector, and the upper board is the panda. The two boards are connected via header pins. Remove the panda from the header pins. Remove and clean the drill holes so that you can place the panda on the header pins in the next step.

First solder the USB A pin. The USB has a mounting tab that needs to be folded and soldered to the board (this sits under the panda so will need to be soldered first). Once complete, place standard header pins in and then place the panda on top. Solder the header pins and panda to the board (alternatively use a socketed header pin setup which will allow easy removal of the panda if ever needed). Solder the six Ethernet ports to the board. I chose to put sticky foam on the bottom of the board to prevent shorts. If done correctly you should be able to flash the panda over USB, and then install in the car.