

EZ Lynk Installation



AUTOAGENT™ 2

ATTENTION!

68RFE Relearn Process

If your 2010+ Ram is equipped with the 68RFE automatic transmission, you **must** perform a re-learn procedure each time the ECM is flashed, **even if you aren't loading transmission tuning. Failure to do so will cause premature transmission failure.** To perform the procedure after the ECM is flashed, drive the truck and apply no more than 30% throttle for at least 25-30 miles. It is important that the transmission shifts up and down as much as possible during this period. **NOTE: The 25-30 miles is to re-establish the CVI values. It is common for these transmissions to take 400-500 miles or more to settle down.** Sustained highway speeds should be avoided for the first 25-30 miles. If you purchased a tuned TCM for your 2007.5-2009 68RFE equipped Ram, you must perform the same relearn process upon installation of the TCM.

Technical Support

For technical support or assistance with installation, please contact us at:

Email:

SUPPORT@CTTTUNING.CA

Telephone:

1-800-855-5015 M-F 9AM-5PM CST

Customer Service

For general questions and information, please contact us at:

Email:

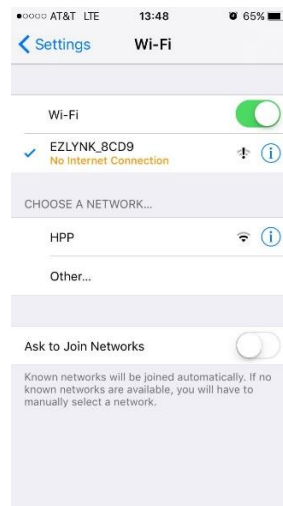
SUPPORT@CTTTUNING.CA

Telephone:

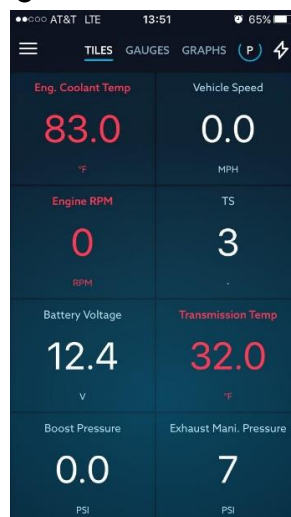
1-800-855-5015 M-F 9AM-5PM CST

Step 1 – Turn ignition the RUN position and plug in the Auto Agent to the OBD-II port. Once plugged in, you should see a blue light on the Auto Agent's OBD plug. If the light is on, the Auto Agent is emitting wi-fi.

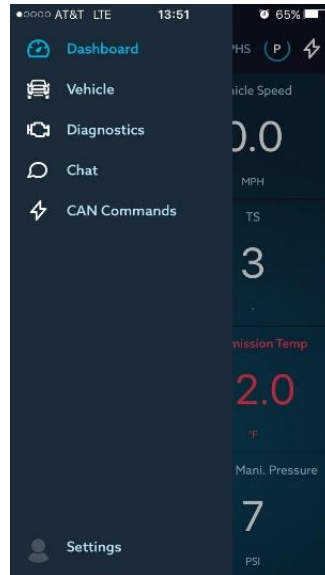
Step 2 - On your smart phone or table, open your wi-fi settings and select the EZ Lynk wi-fi. It's normal for it to read No Internet Connection once connected to the wi-fi.



Step 3 – Once connected to the EZ Lynk wi-fi, open the Auto Agent app. The gauges screen should appear.



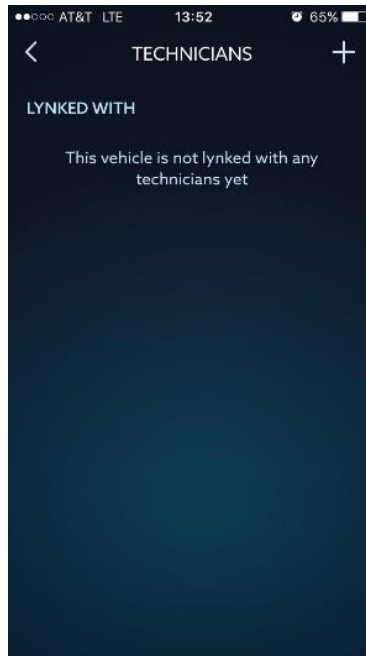
Step 4 — Click the menu button in the top right corner and select Vehicles.



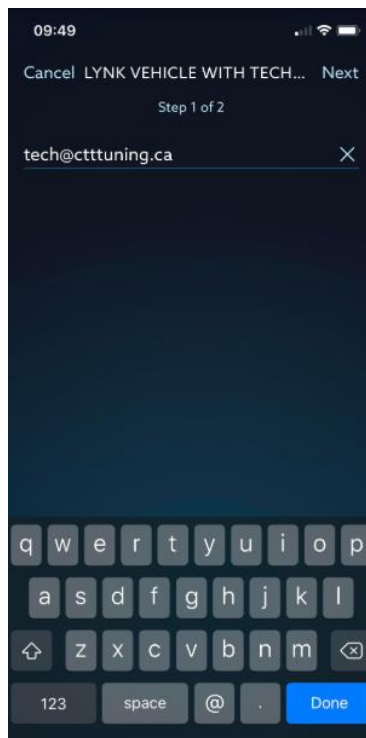
Step 5 — Select Technicians.



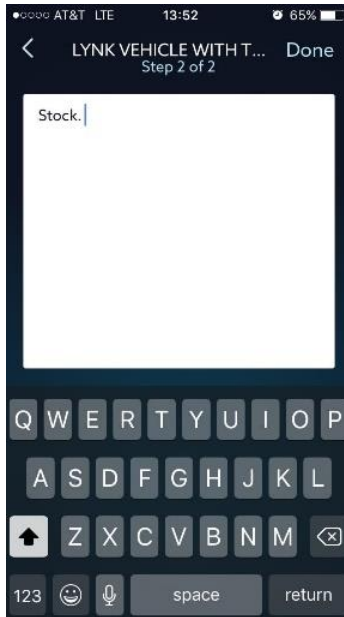
Step 6 — If the Auto Agent is not linked, select the plus sign.



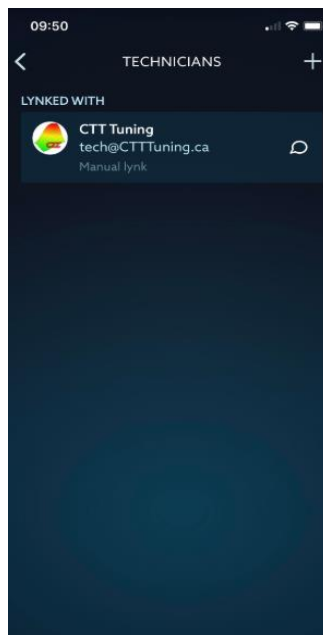
Step 7 — Type in tech@ctttuning.ca and click Next.



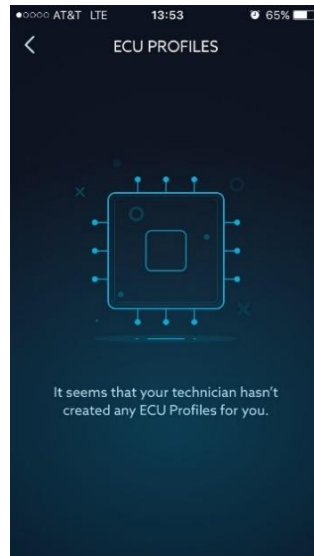
Step 8 — Type in your vehicle details and click Done.



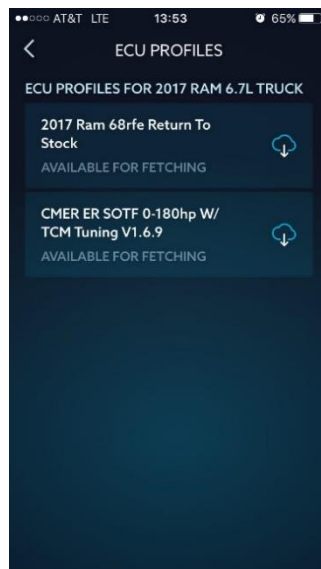
Step 9 — Vehicle is now linked.



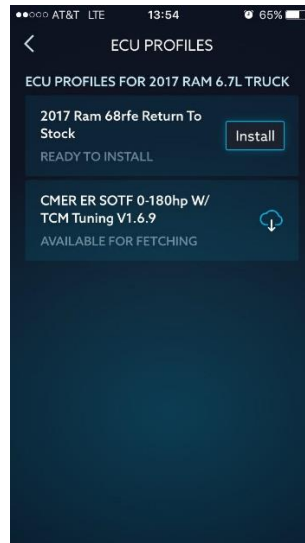
Step 10 — Go back to the Vehicle menu and click ECU Profiles. If you purchased tuning and receive this message, contact us with your order number.



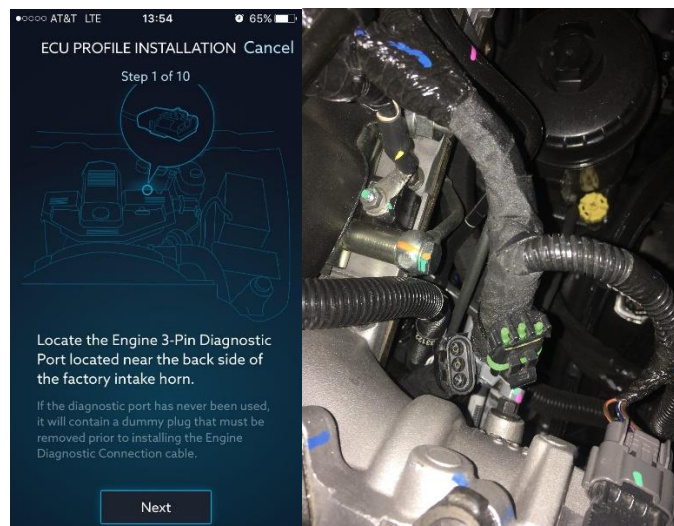
Step 11 — Once you have your files, you will see the files that are available to download.



Step 12- Click the cloud icon on the desired tune. Within a few seconds, the cloud icon will turn into an Install icon. Click install.



Step 13 — For Cummins only, locate the diagnostic port behind the intake manifold. If installing on a Titan XD, proceed to Step 15. For all others, proceed to Step 16.



Supplied unlock cable plugged into the diagnostic port.

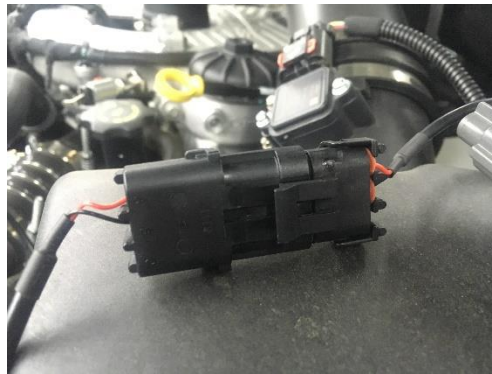


Step 14 — Plug the other end of the unlock cable to the corresponding port on the Auto Agent. Your screen may look different if using an AutoAgent 2.0.

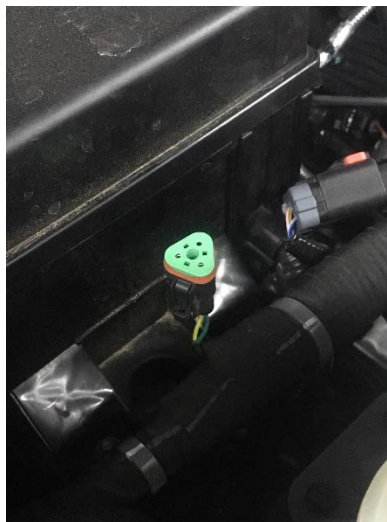


Step 15 — If you have a Titan XD, you will take the same supplied unlock cable, and plug it into the Titan specific cable (purchased separately) to essentially make one long cable. One end plugs into the Auto Agent, the other plugs into the triangle shaped data link near the firewall on the passenger side. Remove the protective cap and plug in the cable.

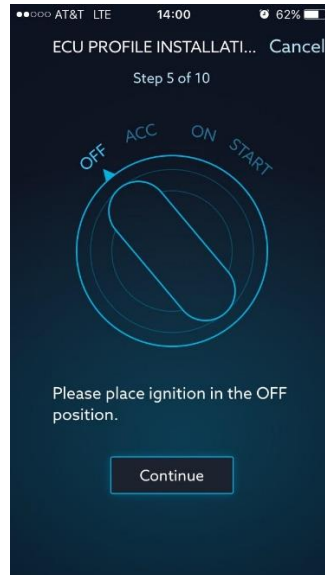
Supplied unlock cable and Titan specific cable plugged into each other as shown below.



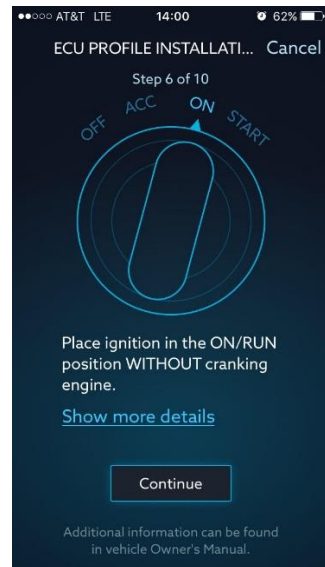
Plug in the Titan specific cable to the data link as shown below.



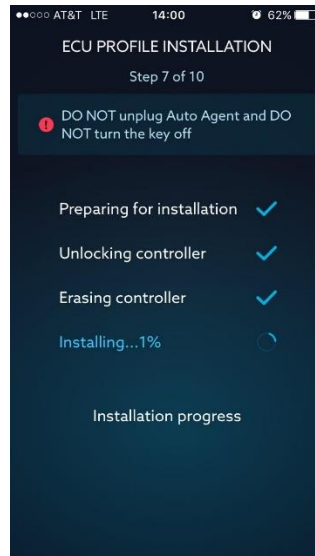
Step 16 – Turn ignition off. Click Next.



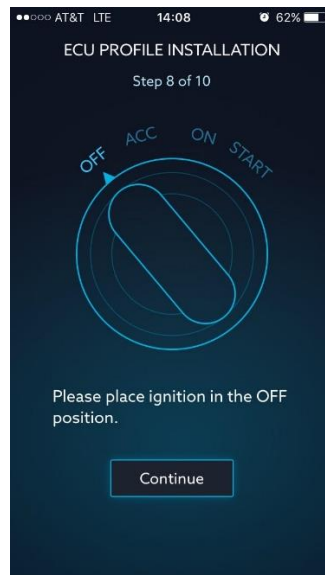
Step 17 – Turn ignition to the RUN position. Click Next.



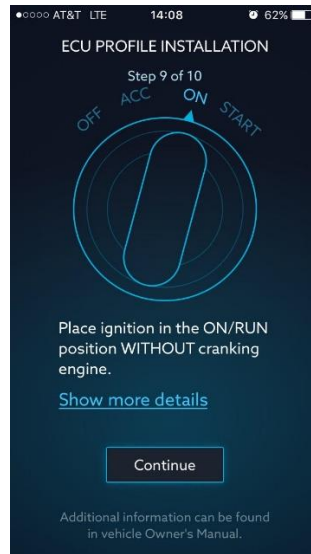
Step 18 — The Auto Agent will now begin to flash the ECM. For Cummins, it is normal for the progress to stay at 1% and 2% a little longer than usual.



Step 19 — When prompted to do so, turn the ignition off. Click Next.



Step 20 — Turn ignition to the RUN position. Click Next.



Step 21 — Click Let's go! You are now ready to start the truck. If your truck is equipped with a 68RFE transmission, you **MUST** perform the relearn procedure as described in the beginning of this manual.



Cummins SOTF Switch Install

1. Disconnect negative battery terminals.
2. Route the switch wires through the firewall and locate the crankcase pressure sensor. On the 6.7L Cummins, it's located on the top driver's side of the valve cover underneath the wiper cowl. On the 5.0L Cummins, it's located below the oil fill cap.
3. Insert the switch wires into the supplied connector following the color coded markings. The red wire inserts at the red marked slot, the black wire inserts at the black marked slot, and the white wire inserts into the remaining unmarked slot. You'll hear a click when they're seated into the connector. Tug on the wires to ensure the wires are properly seated.
4. Plug the switch connector into the crankcase pressure sensor's wiring harness.
5. Mount the switch in your desired location.
6. Reattach the negative battery terminals and drive the vehicle to confirm proper switch function after the SOTF tune is installed and the transmission relearn procedure (if applicable) is complete.

LML Duramax SOTF Switch Install

1. Disconnect the negative battery terminals.
2. Route the switch wires through the firewall and locate the ECM. The ECM is located on the front driver's side of the engine compartment next to the driver's side battery.
3. The ECM has 3 connectors. One is blue, one is black, and one is grey. Carefully unplug the GREY connector.
4. With the connector in your hand, remove the zip tie holding the protective cap and remove the cap.
5. With an o-ring pick or similar, carefully remove the grey cap on the pin side to expose the pins in the connector.
6. 2011 year models will have a yellow wire in pin slot #11. Using a pin removal tool, remove the yellow wire and secure to the harness using electrical tape. 2012-2016 year models will have a plastic filler pin rather than a wire. Using a small tool such as a drill bit, press the filler pin out of the connector.
7. Insert the yellow wire in pin slot #11. Once inserted and seated, tug on the wire to ensure it is secure. Insert the black wire in pin slot #35 and confirm it is secured in the connector.
8. Reassemble the connector in reverse order. Install the switch in your desired location.
9. Reattach the negative battery terminals and drive the vehicle to confirm proper switch function after the SOTF tune is installed and the transmission relearn procedure (if applicable) is complete.

6.7L PowerStroke SOTF Switch Install

1. Disconnect the negative battery terminals.
2. Route switch wires through the firewall and locate the fuel temperature sensor near the fuel filter housing. Unplug the factory harness from the sensor.
3. Using the supplied taps, tap the switch wires into the green and green with white tracer. Polarity does not matter.
4. Mount the switch in your desired location.
5. Reattach the negative battery terminals and drive the vehicle to confirm proper switch function after the SOTF tune is installed and the transmission relearn procedure (if applicable) is complete.