



Dezod
Development



Dezod Motorsports Plug-N-Play AEM EMS for 05+ Scion tC.

First and foremost, thanks for your continued support of the Dezod Motorsports name and products. We set forth each and every day to out-do ourselves 10 fold with technical innovation and uncompromised quality. We wish you luck in your 2AZFE performance endeavor, and we are here to support you in any way.

This process is merely a step of operations that should be done and performed by a trained tuner/technician. It is not recommended to be done without professional supervision.

Flying Lead Information:

Blue-Signal Wire for IAC

White-Analog 5V for Wideband O2

Orange-5V for MAP sensor

Black-Ground for MAP sensor

Yellow-Signal for MAP sensor

Red-Power for IAC (Newer harnesses no longer have this, and require a known ignition hot power source.)

1. Open the hood, and disconnect the negative terminal of the battery
2. Locate the ECU box behind the glove box

3. Remove the 5 stock PCM connectors one after the other.
4. Plug in the matching connectors to the PNP harness into the ECU. The other side, which looks like the connector to the ECU, accepts the stock plugs.
5. Route the longer section of unconnected connectors through the firewall of the car into the engine bay.
6. Connect your MAP sensor to the flying leads on the harness. Black is ground, Orange is 5V power and Yellow is signal.
7. Connect a vacuum source to the MAP sensor
8. If you have a wideband oxygen sensor, the white wire on the harness is for the 5V analog output of the gauge kit. Feel free to connect it to the wire.
9. Load the AEM Pro software onto your laptop.
10. Load the disc with the Dezod Start Up map onto your laptop
11. Reconnect the battery, and turn the car to Accessories II
12. Load the Dezod map onto the AEM EMS
 - a. ECU>Send New Calibration
13. Now ensure the MAP sensor you installed to the AEM EMS is verified as being correct.
 - a. Setup>Sensors>Manifold Pressure Sensor>MAP Sensor Wizard
14. Now ensure the Oxygen sensor you installed to the AEM EMS is verified as being correct.
 - a. Setup>Sensors>Oxygen Sensor 1>O2 Sensor 1 Wizard
15. Now would be the time that your tuner can take over and power your 2AZFE to the fullest!

Installation Tips and Tricks for mounting your AEM unit:

- Cut ¾ in slit in large grommet behind glove box
- Tape 4 flying leads to screwdriver from inside car
- Push lead through and remove from screwdriver
- Remove fabric liner from glove box
- Use Goof Off or STRONG adhesive remover to remove adhesive
- Prep glove box and side and bottom of AEM box with rubbing alcohol
- Apply three one inch strips of industrial grade Velcro from Home Depot
- Apply one additional strip to side of AEM, not covering version number
- Install 4 strips of the soft side of the Velcro to the back and bottom of the glove box
- Install AEM right side up against the back and bottom of glove box, serial port is on left in this config
- Remove AEM and to the right cut hole with large hole saw for harnesses to pass through
- Tape/zip tie up PNP harness tight to stock ECU to prevent glove box from compressing