THROTTLE CONTROL MODULE

QUICK START GUIDE

GETTING STARTED

IMPORTANT

Before installing on your vehicle, Download the AEM Throttle Control Module App via the Google Play/App Store to your mobile device.

Scan to access app download

CONTENTS

1. Throttle Control Module
2. Wiring Harness
3. Zip Ties

CONTACT/SUPPORT

Support Hours: Mon-Fri, 8am to 5pm PST

Toll Free: +1 (800) 423-0046

Local: +1 (310) 484-2322

Email: General Technical Services: gen.tech@aempower.com

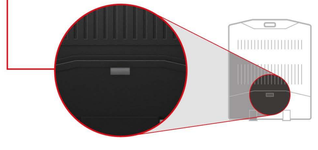
Warranty/Replacement Services: tech@aempower.com

Note: Please include your VIN, year, make, model, transmission, driveline, mods, and other important information, including your contact information.

1 INSTALLATION

INSTALLING YOUR THROTTLE CONTROL MODULE

1. To avoid tripping possible fault codes, disconnect the negative (-) side of the vehicle battery.
2. Locate the vehicle accelerator pedal position sensor and disconnect. (located under the dash at the top of the accelerator pedal assembly)
3. Connect the AEM Throttle Control Module harnesses to the corresponding connector on the pedal position sensor and vehicle harness.
4. Connect the other end of the harnesses to the corresponding connector on the Throttle Control Module (matching connector color).
5. Reconnect the battery.
6. Turn the ignition to the "**ON**" or "**RUN**" position.
DO NOT START the vehicle.
7. The status indicator light on the module will remain OFF until connected to a mobile phone or the learn pedal process is complete.



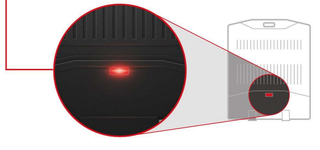
2 MOBILE DEVICE

CONNECTING A MOBILE DEVICE

1. If not completed, Download the AEM Throttle Control Module App via the Google Play/App Store to your mobile device.

Scan QR code on other page to access app download

2. Ensure that Bluetooth and location services are enabled for the APP on your mobile device.
3. In the "Devices" section within the app, follow the instruction prompts for connecting to the device.
(This will only be required for the initial connection)
4. Select the device to be connected to. (If no device is listed refresh the page by swiping down)
5. Once connected to the device the status light on the module will TURN RED.



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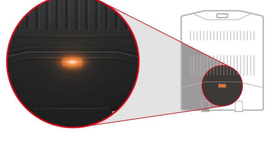
3 LEARNING YOUR PEDAL

After the initial setup is completed, use the supplied zip ties to secure the module under the dashboard. Make sure the module and harnesses do not interfere with the pedal motion.

APP PEDAL RELEARN

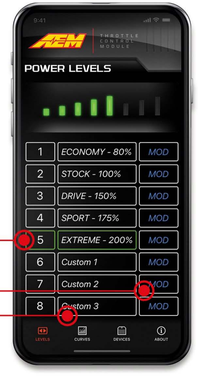
1. Navigate to the "Devices" section in the AEM app on your mobile device.
2. Make sure the pedal travel is not impeded by the floor mat or other objects.
3. Select "Pedal Relearn"
4. Follow the in-app instructions to complete the pedal relearn
5. The status indicator on the module will TURN ORANGE indicating the pedal learn is complete and the device is active.



4 CHANGE POWER LEVELS

MOBILE APP

1. To change power levels simply PRESS the desired performance level in the list on the Power Levels screen. Your seleceted power level will be indicated by a green border around it in the list view. The virtual LED color bar will also illuminate to indicate the selected level.



EDIT LEVEL NAMES

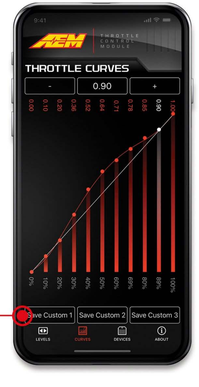
1. (Apple) Press "MOD" and slide to the left to edit.
2. (Android) Press and hold level name to edit.

5 PERFORMANCE CURVES

CREATING CUSTOM PERFORMANCE CURVES

Disclaimer: When designing custom curves, if the curve is too steep, it may trigger a check engine light on some vehicle applications.

1. The last three performance positions are available for users to create and save customized performance curves.
2. In the "Levels" section of the app select "MOD" or go directly to the "Curves" section in the app.
3. The first five levels are pre-set levels that cannot be adjusted. However, selecting "MOD" will allow you to start your curve modification with that levels performance curve.
4. There are 10 curve positions that can be modified to create a custom curve. Slide each individual curve position UP or DOWN with your finger to increase or decrease sensitivity for desired performance. Curve can be fine-tuned by pressing the "-" and "+" buttons.
5. Once you have made your modifications, you can save your customized curve as one of the last three performance levels.



MODEL: Throttle Booster FCC ID: 2AA9B05 IC: 12208A-05

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Contains Transmitter Module: FCC ID: 2AA9B05

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Contains IC: 12208A-05

This device complies with Industry Canada's license-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Guidelines on Transmitter Antenna for License Exempt Radio Apparatus:

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain must be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisa.

WARNING: Prior to use, read the User Manual. Misuse of the device could result in traffic accidents, death or serious injury, and/or damage to your vehicle.

MANUFACTURER IS NOT RESPONSIBLE FOR AND SHALL HAVE NO LIABILITY TO YOU FOR ANY CLAIMS ARISING OUT OR RELATING TO ANY MISAPPLICATION OF THE DEVICE, CUSTOM TUNES, AND IMPROPER USE OF CALIBRATIONS, MALFUNCTION, OR LACK OF LEGAL COMPLIANCE FOR CUSTOM PROGRAMS CREATED BY THIRD PARTIES.

WARNING:

- Do not exceed legal speed limits on public roadways. Violating traffic laws is dangerous and could result in injury or vehicle damage or both.
- Use any enhanced speed capabilities of this product only in closed circuit, legally sanctioned racing environments expressly for this purpose. Violating traffic laws is dangerous and could result in injury or vehicle damage or both.
- Do not operate the device while driving. Distracted driving could result in traffic accidents, death or serious injury, and/or damage to your vehicle.
- Always perform all adjustments or changes while stopped. Changing a setting while driving can interfere with your attention to roadway conditions and could result in injury or vehicle damage or both.
- Do not stack products. "Stacking" performance-enhancing devices or other improper installation can cause power train failure on the road. Other products may have features incompatible with your device. Follow all installation and operating instructions.
- Some modifications may affect other parts of your vehicle. For example, if you remove/adjust the speed limiter in your vehicle, be sure your tires and other components are rated for the increased speeds they will have to withstand. Not doing so can lead to loss of vehicle control. Modify the speed limiter only for use in closed circuit, legally sanctioned racing environments, not for use on public roadways.