CONTACT US

For more information on installation, operation, or any other general enquiries, please don't hesitate to contact us at:

+61 3 8740 1170

www.evcthrottlecontrollers.com

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VIC, 3155
Australia

THROTTLE CONTROLLERS

UNLEASH THE POWER!

HOW TO

Increase fuel economy
Set the EVC to either Economy mode or Automatic Control mode. This ensures efficient use of the throttle which may result in fuel savings.

Control when towing
Experiencing wheel spin on the boat ramp, or need more control when backing and parking the van? Set your EVC to Economy mode for a reduced throttle response, allowing the vehicle to ease off the mark with reduced wheel spin or to back a van gently into position.

Mud, sand & loose surfaces
Low settings in Economy mode can help reduce wheel spin on soft or loose surfaces such as mud and sand, enhancing available traction. High settings in Economy mode are perfect for low range 4WDriving where the dampened throttle response offers more control over undulating terrain preventing unnecessary bouncing. Need quick bursts of acceleration to get you out of a sticky situation? Use higher settings in Ultimate mode for greater throttle response.

Overtaking and first at the lights
Unleash the power of your engine for overtaking and reduce lag from a standing start by setting the EVC to Ultimate mode and fine tuning from settings 0-9.

Loaning your vehicle
You may be sharing your vehicle with a learner or inexperienced driver. For those unfamiliar with using the EVC, set to Factory mode to return throttle operation to standard.

FAQ'S

How does the EVC work?
The EVC Throttle Controller modifies the voltage signal from the fly-by-wire pedal assembly to allow you to adjust and fine tune the response from the accelerator pedal and reduce throttle lag. The EVC plugs directly into the pedal assembly using factory style plugs and requires no vehicle modifications.

Will the EVC work with other modifications?
The EVC is designed to work seamlessly with your vehicle and has been tested with various aftermarket products:

Cruise Control - the EVC Throttle Controller has not been found to effect any aftermarket cruise control systems.

ECU Tune/Remap - The EVC Throttle Controller can be used with an ECU Tune/Remap. The adjustability of the EVC will compliment the increased performance of the tune.

Power Chips/Exhaust - EVC Throttle Controllers operate independently of power chips and are therefore a great addition for any performance chip and exhaust upgrades.

Why does my EVC interface remain on/turn off?
The EVC Throttle Controller utilises power supplied through the vehicle's throttle loom. It is normal for the EVC interface to remain on for some time after engine shuts down, or to power off when the throttle is inactive, such as when using cruise control. Whilst driving, the EVC interface will power on instantly as the throttle senses driver input and when the engine is shut down it will usually power off within 30 seconds or when the vehicle central locking is activated.

TROUBLESHOOTING

Each EVC is manufactured with durability and performance in mind and designed for simple DIY plug & play installation. If after you read these instructions you feel that installation is beyond your skill level, please contact EVC Throttle Controllers Customer Support or your place of purchase for recommended installers. Alternatively, your local mechanic or auto electrician is capable of completing installation for you. A typical installation will take less than 15 minutes.

If you experience any issues with an EVC Throttle Controller, such as loss of power, engine fault light illumination on dash board, fluctuating throttle response etc, these can usually be traced to a loose or damaged connection. Disconnect all EVC connector plugs and inspect the electrical pins and cables for any damage (ie. bent, broken, corrosion). If no obvious issues are found, re-install the EVC Throttle Controller as per the instructions. Start the vehicle and check for correct operation.

If the EVC Throttle Controller continues to cause any of the above issues, please disconnect the EVC unit and return the vehicle to standard configuration. Contact EVC Throttle Controllers Technical Support (refer Contact Us page) to arrange a replacement unit. Please do not try to modify or repair a faulty EVC Throttle controller as this will void the warranty.

WARRANTY

LIFETIME 30 DAY MONEY BACK GUARANTEE WARRANTY

Your EVC Throttle Controller is backed by a 30 day money back guarantee. If you are not completely satisfied with the results, please return your EVC to the place of purchase within 30 days for a full refund.

EVC Throttle Controllers provides to the original purchaser, a limited lifetime replacement warranty against manufacturing faults or defects. Conditions resulting from normal wear & tear, modification, misuse, abuse or incorrect fitment are not covered and will void the warranty. In order to make a claim under this warranty, the purchaser must:

• Return the product to the place of purchase with a valid receipt/ invoice or proof of purchase **or** contact EVC Throttle Controllers Customer Service on 03 8740 1170

• Provide EVC Throttle Controllers with any additional information as requested.

The purchaser is responsible for any return freight or fitting/removal costs incurred when making a claim under this warranty unless communicated otherwise by EVC Throttle Controllers. This warranty is limited to the original purchaser and is not transferable.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

THROTTLE CONTROLLERS

QUICK START GUIDE

www.evcthrottlecontrollers.com

INTRODUCTION

Congratulations on your purchase of an EVC Throttle Controller. This Quick Start Guide allows you to self install and set up your EVC to unleash the power of your engine and eliminate throttle lag. However if you decide not to install yourself please contact EVC Throttle Controllers or your place of purchase for a recommended installer in your area.

The EVC Throttle Controller has been thoroughly tested to ensure it will not adversely effect your vehicle or void new car warranty. If you have any questions concerning the performance or suitability of the product please contact EVC Throttle Controllers or your place of purchase.

INSTALLATION

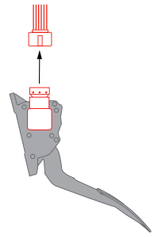
Prior to installation, ensure the vehicle ignition is switched off. Allow 10 minutes before proceeding to ensure the vehicle electronics have powered down. This will reduce the likelihood of creating an engine fault code.

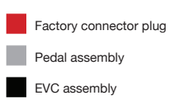
NOTE: For vehicles with push button start feature, ensure the key fob is moved >10m away from the vehicle so as not to activate accessory power.

INSTALLATION

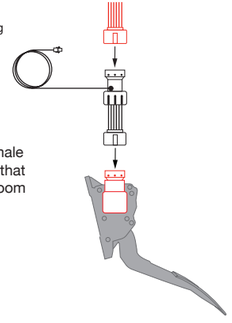
Locate the pedal assembly and the factory plug (usually on the top of the pedal assembly). Disconnect the factory plug . It may be necessary to remove the pedal assembly if access is limited.

Note: The plug on your EVC and pedal assembly may differ from the illustration. Take care to not damage the locking clip. Plugs should be removed by hand without the need for tools.



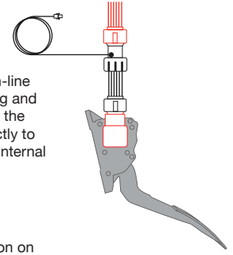


Orientate the male & female ends of the EVC unit so that they match the factory loom and plugs.

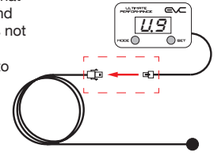


INSTALLATION

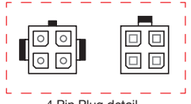
Connect the EVC unit in-line between the factory plug and pedal assembly. Ensure the plugs are aligned correctly to prevent damage to the internal pins.



Locate a suitable position on the dash or console for the EVC driver interface. Be aware that the LED display is bright and should be positioned so as not to distract the driver.
Route the cable so as not to cause any obstruction.

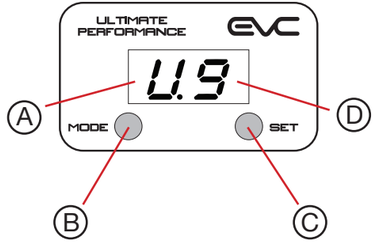


NOTE: Take care when connecting the 4 pin plugs to ensure correct orientation. They should not be forced as damage will result.
(See image detail)



4 Pin Plug detail

DRIVER INTERFACE



Ⓐ Mode indicator LED:
Shows current operating mode : -, U, E, A.

Ⓑ Mode selector button:
Press to cycle through modes.

Ⓒ Setting selector button:
Shows current fine tune level within the mode.
Cycles through level 0-9.

Ⓓ Setting indicator LED:
Shows current level setting.

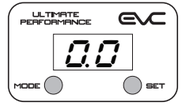
TRANSMISSION SET UP

Start the vehicle.

For safety, ensure the vehicle is in Neutral (manual transmission) or Park (automatic transmission) and that the Park Brake is on.

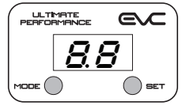
Press and hold the Mode button Ⓑ for 3 seconds to enter the transmission setup mode

Use the Set button Ⓒ to cycle through manual/auto settings.



For manual transmissions the display must be set to 00.

For automatic transmissions the display must be set to 88.

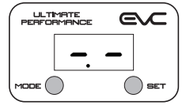


Once the desired setting is chosen, exit the transmission set up mode by pressing the Mode button Ⓑ once.

OPERATION

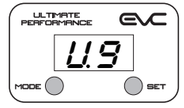
FACTORY MODE:

Designed to replicate the factory throttle settings - ideal for sharing the vehicle with an unfamiliar driver.



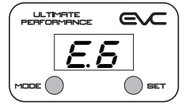
ULTIMATE MODE:

For enhanced throttle response, choose from 10 available settings to fine tune your throttle response.



ECONOMY MODE:

Dampens initial throttle response for greater control on loose or uneven surfaces such as when off road. Choose from 10 available settings.



AUTOMATIC CONTROL MODE:

Sets the EVC apart from all other throttle controllers. AC automatically chooses the Ultimate throttle response based on the amount of pedal pressure.