



ULTIMATE9™

INTERNATIONAL

**EVC Product Catalogue
& Application Guide**

February 2021
Edition 2

HOW TO NAVIGATE THIS DOCUMENT

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INTRODUCTION

The EVC Product Catalogue and Application Guide is designed to give the sales person and product fitter information about the EVC Throttle Controller product including product features, installation instructions, model applications, FAQ's and warranty information.

Designed as an interactive PDF, most pages feature links that are accessible by clicking on the relevant wording. Page bookmarks are also included.

ABOUT US



From humble beginnings as iDRIVE Australia, now evolving and diversifying as Ultimate9, we have always valued integrity over profit. Priding ourselves on honest claims, professionalism, the highest quality production standards, long term and extensive product support, valuing our customers and treating our dealer network like family. Since our creation we have lead the market in customer service, product development, future focused intuitive thinking and community engagement.

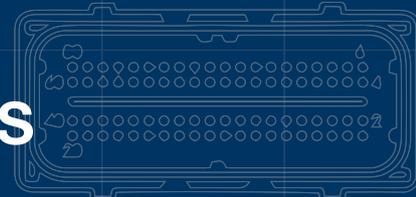
Our Aim is to provide the highest quality products, service, relationships and support for our customers and family of distributors. To maintain our high level of quality we ensure substantial care and attention is provided at each stage of the process from manufacturing to fitment.

Our Research and Development team is constantly working on improving and refining our products, ensuring everything is of the highest standard and guaranteed to perform. That is why the EVC Throttle Controller from Ultimate9 is backed by a 30-day money back guarantee and industry leading lifetime replacement warranty.

ACCELERATOR PEDAL POSITION (APP) SENSOR

PIN	PIN	WIRE COLOR	FUNCTION
A	C1 23	Purple	Sensor Ground
B	C1 49	Light Blue	Accelerator Pedal Position (APP) Sensor 1
C	C1 49	Van	Accelerator Pedal Position (APP) Sensor 2
D	C1 24	Orange	Sensor Ground
E	C1 70	Dark Blue	Accelerator Pedal Position (APP) Sensor 1 Signal
F	C1 50	White/Black	5V Voltage Reference

THROTTLE CONTROLLERS



INFINITY C1 CO PIN

THROTTLE BODY

Today, modern engines still work on the same principles as their predecessors from over 100 years ago, however in the pursuit of power and, in more recent times, efficiency and emission control, what were once simple mechanical controls have now been replaced by modern computers and electronics. Gone are carburetors, throttle linkages or cables, ignition distributors and mechanical fuel pumps. These have been replaced with fuel injection, electronic throttles, crank angle sensors and high-pressure common rail fuel delivery systems.

Since the early 2000's, new vehicles have been manufactured with electronic throttle control pedals that pass their position information to the ECU (engine control unit) in the form of small voltage changes. The ECU then processes that information before opening the throttle and controlling ignition timing and fuel injection duration to give a driver the power increase they are asking for. Although this information passes quickly from driver input to engine reaction, and is far more efficient than cables or linkages, due to the need for emission controls and a "one setting suits most" design, this can often make the engine less responsive than desired and in the case of modern diesel vehicles, can produce a delayed reaction referred to as throttle lag.

There are many ways to improve the power of modern engines. Larger turbos, cold air intakes, free flowing exhausts, ECU upgrades and remaps to name a few. But what if you could increase the pedal response and unleash the power that already lurks within your standard engine without the costs of expensive modification?

Aftermarket throttle controllers do just that and are a cost-effective performance modification that can be fitted by the home DIY mechanic in as little as 5 minutes. Although a throttle controller does not affect the peak torque and power of an engine, they are capable of shortening the throttle response time, therefore reducing throttle lag while sharpening the throttle curve, effectively unleashing the engine's power lower in the rev range.

The following pages include Ultimate9's throttle controller models, each developed and tuned for individual vehicle makes and models including applications for on and off road as well as a range of UTV vehicles.



THROTTLE BODY

EVC

THROTTLE CONTROLLERS

**RANGE FOR CARS & 4X4
VEHICLES**



EVC OVERVIEW

Now in its 5th year of production, and the most popular controller on the Australian market, the EVC Throttle Controller is designed for the driver that wants simple control with a range of features.

With an upgraded chip-set for 2020, the EVC has improved tolerance and stability over earlier models providing smoother throttle control under all conditions.

The EVC is available for a greater range of vehicles and can be customised with a range of stick-on faceplates to give a personalised look that either compliments or contrasts to the vehicle colour.

Fitted with double sided tape, the user interface can be fitted to almost any area of the dashboard within the drivers reach.

Standard features of the EVC include:

- Ultimate mode - 10 levels of increased throttle response
- Economy mode - for better fuel consumption and less throttle response
- Automatic mode - Adapts to throttle input
- Factory mode - Standard factory settings
- Programmable to both automatic and manual transmissions
- 30-day money-back guarantee
- Limited lifetime replacement warranty

Options include:

- Over 20 stick-on faceplate colours and designs
- Magnetic vent and dash mounts

Ultimate Mode:

Ultimate Mode sharpens your throttle response, the higher the setting, the more aggressive your throttle becomes. Featuring 10 levels of adjustment for user refinement, Ultimate mode is great for everyday driving, towing, overtaking, or highway driving.



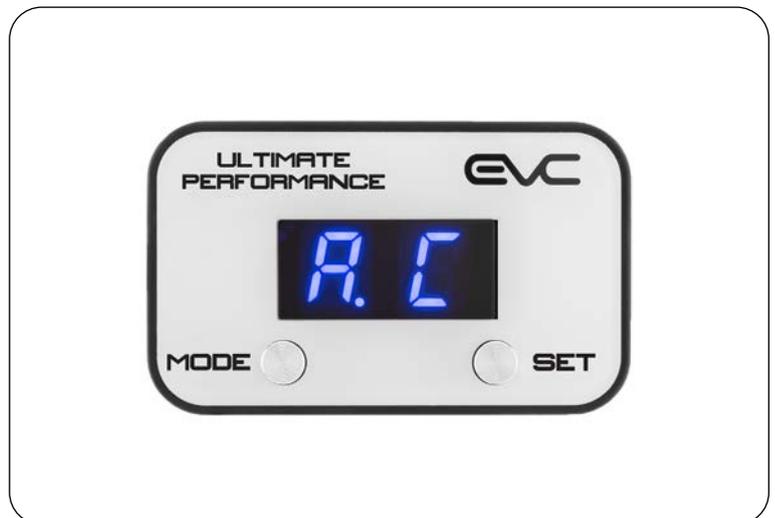
Economy Mode:

Economy Mode subdues your throttle response below factory levels and features 10 levels of adjustment. The higher the setting, the more subdued your throttle response becomes. Great for off road, heavy traffic, or low-speed towing maneuvers.



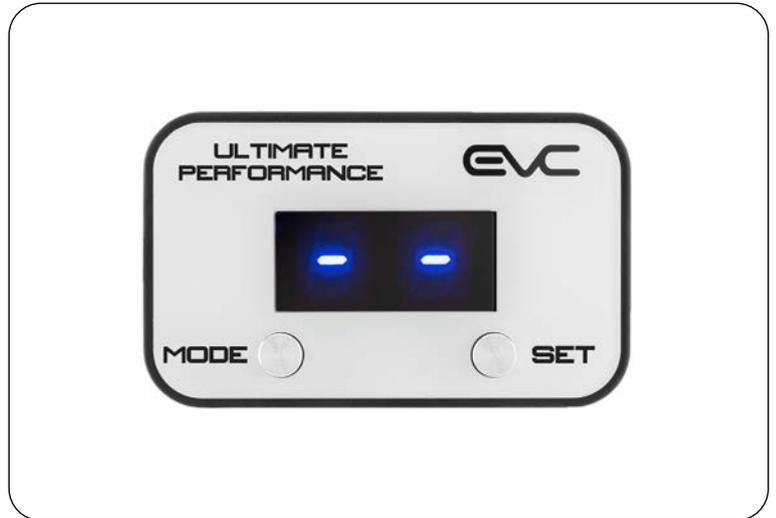
Automatic Control Mode:

Automatic Control Mode is essentially a set and forget mode, blending all 20 performance levels of Ultimate and Economy mode and delivering the appropriate throttle response depending on your current driving behavior. For example, if you're in heavy traffic and only moving up 2-3 metres at a time it may deliver around Economy Mode 2-3. If you start to accelerate it will increase that response to around Ultimate 3-4 mark, then if you plant your foot on the accelerator to overtake someone it will deliver Ultimate 8-9 for maximum performance.



Normal Mode:

Normal Mode replicates your vehicle's factory/OE throttle mapping.



OPTIONAL MOUNTS

Magnetic Ball Dash Mount:

Utilising a magnetic pad and adhesive metallic disc, the magnetic ball dash mount adheres to almost any surface so that the EVC driver interface can be placed in a convenient position and angled towards the driver.

Part No. EVC-DS
Barcode: 787099448851



Magnetic Ball Vent Mount:

Utilising a magnetic pad and adhesive metallic disc, the magnetic ball vent mount simply slides over an air vent on the dashboard for a convenient, non-permanent mounting solution.

Part No. EVC-VM
Barcode: 787099448844



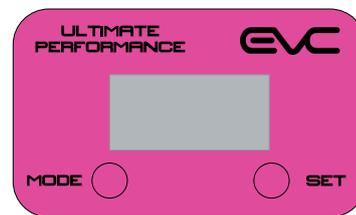
CUSTOM FACE PLATES

With more than 20 custom face plates in the the range, customers can now personalise their EVC Throttle Controller to compliment their vehicle colour or choose from a range of designs.

Our range is growing thanks to customer feedback. To help merchandise the full range of face plates, they are now individually packaged in clear plastic bags with header cards so you can hang them on shelves, gondolas, peg boards etc.



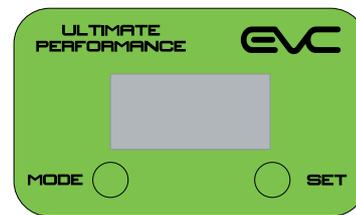
Black



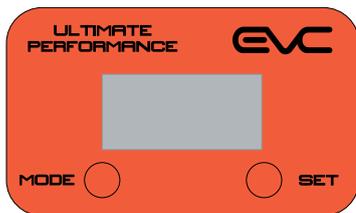
Pink



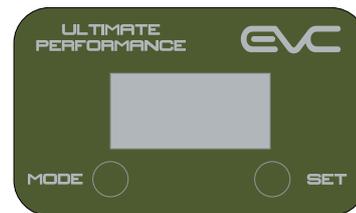
Charcoal



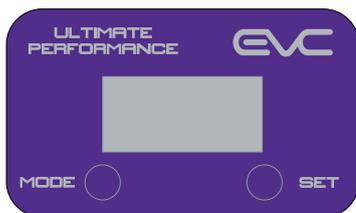
Light Green



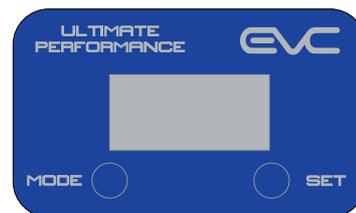
Orange



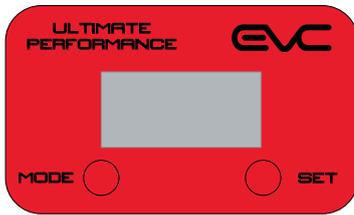
Jeep Green



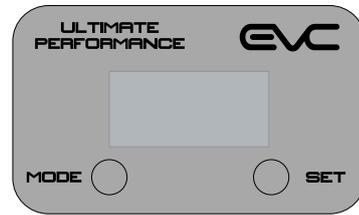
Purple



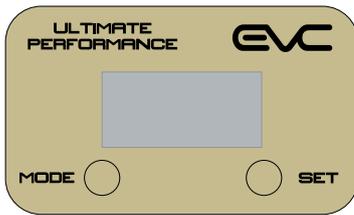
Blue



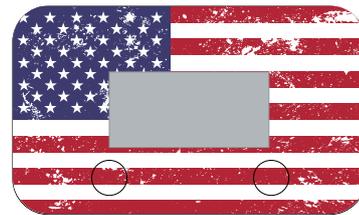
Red



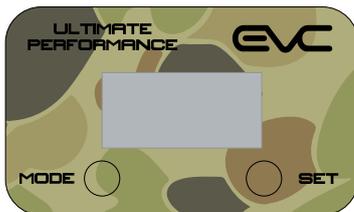
Light Grey



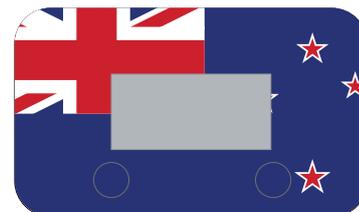
Sandy



US Grunge Flag



AUSCAM



NZ Flag



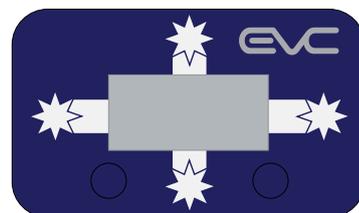
Snowcam



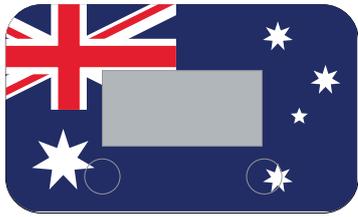
Silver Fern Flag



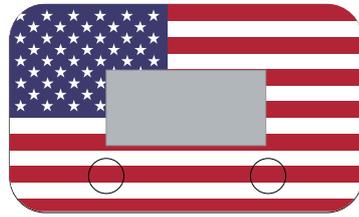
Jeep Star



Eureka Flag



Aussie Flag



US Flag

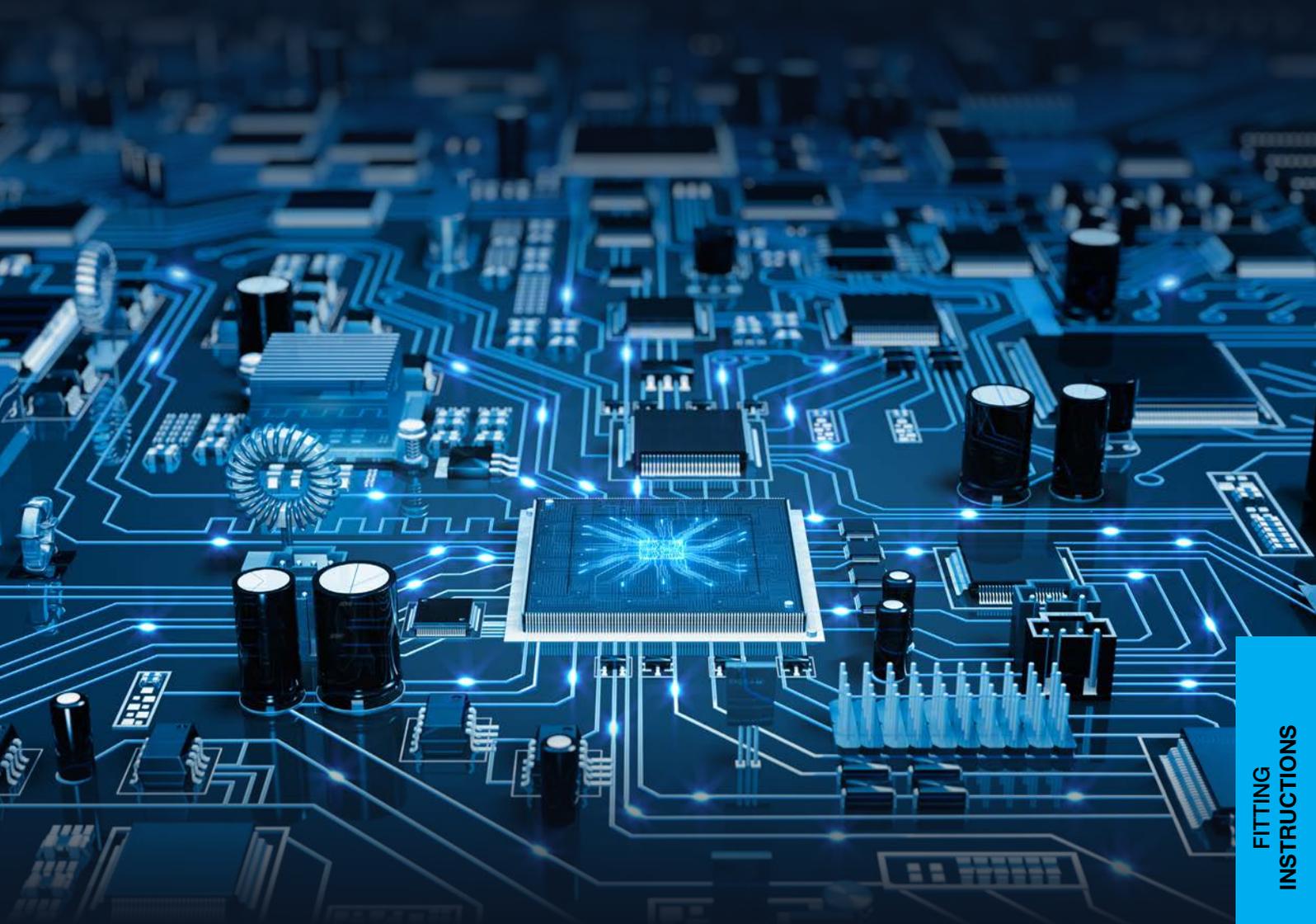
FACE PLATE ORDERING DETAILS

Part Number	Description	Barcode
CFBK	Black CFP	787099448455
CFCG	Charcoal CFP	787099448479
CFOR	Orange CFP	787099448493
CFPL	Purple CFP	787099448899
CFRE	Red CFP	787099448516
CFPI	Pink CFP	787099448509
CFGR	Light Green CFP	787099448486
CFJG	Jeep Green CFP	787099448905
CFBL	Blue CFP	787099448462
CFLG	Light Grey CFP	787099448882
CFSD	Sandy CFP	787099448448
CFAC	Auscam CFP	787099448417
CFSC	Snowcam CFP	787099448424
CFJS	Jeep Star CFP	787099448608
CFAU	Aussie Flag CFP	787099448868
CFUG	US Grunge Flag CFP	787099448929
CFNZ	NZ Flag CFP	787099448943
CFSF	NZ Silver Fern CFP	787099448950
CFEF	Eureka Flag CFP	787099448936
CFUS	US Flag	787099448875



ULTIMATE9™

TECHNICAL



FITTING
INSTRUCTIONS

INSTRUCTIONS

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 Ultimate9 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 Ultimate9 or your place of purchase.

INSTALLATION

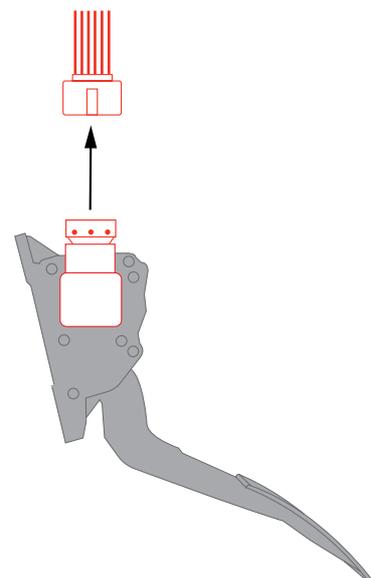
Prior to installation, ensure the vehicle ignition is switched off. Allow 10 minutes before proceeding to ensure the vehicle electronics have powered down. This will reduce the likelihood of creating an engine fault code.



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.

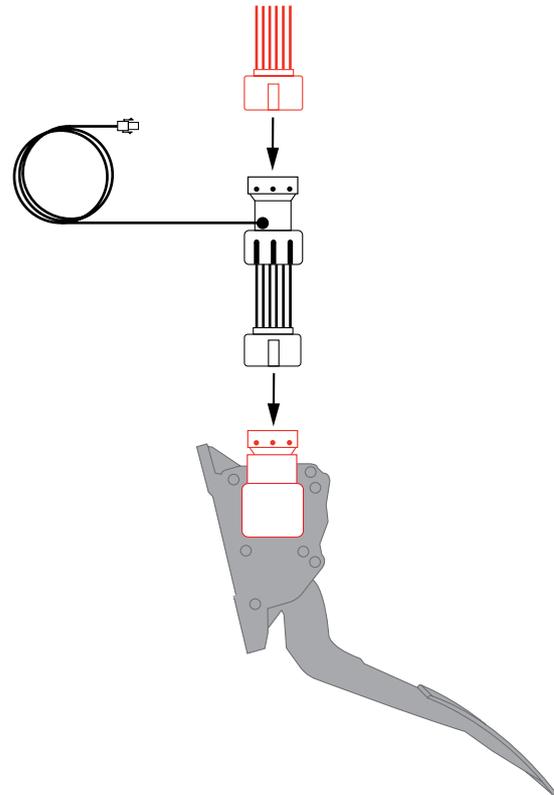
Locate the pedal assembly and the factory plug (usually on the top of the pedal assembly). Disconnect the factory plug. It may be necessary to remove the pedal assembly if access is limited.

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.

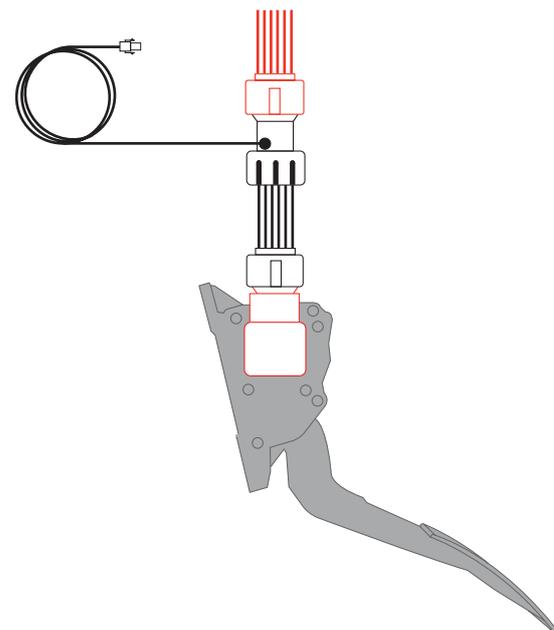


Orientate the male & female ends of the EVC unit so that they match the factory loom and plugs.

-  Factory connector plug
-  Pedal assembly
-  EVC assembly

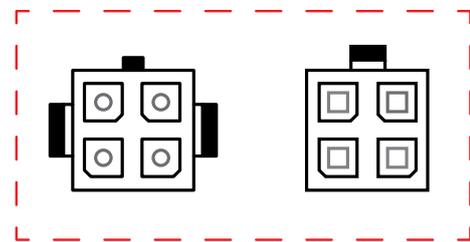
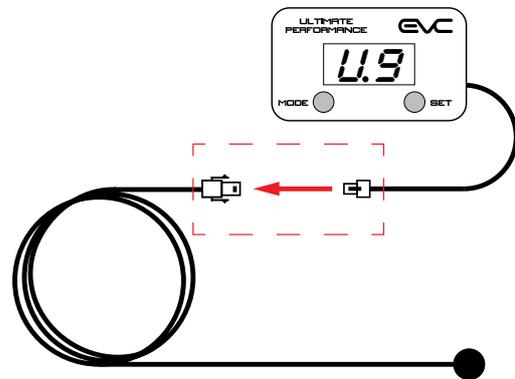


Connect the EVC unit in-line between the factory plug and pedal assembly. Ensure the plugs are aligned correctly to prevent damage to the internal pins. Do not use excessive force to push the connectors together. Any resistance may indicate there is a pin misalignment which may cause damage to the unit.



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.

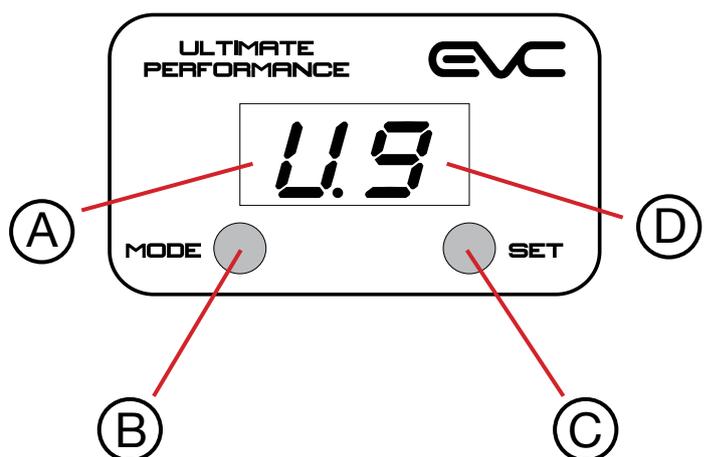


4 Pin Plug detail

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)

DRIVER INTERFACE

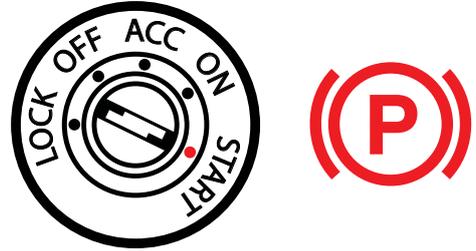
- Ⓐ Mode indicator LED:
Shows current operating mode: -, U, E, A.
- Ⓑ Mode selector button:
Press to cycle through modes.
- Ⓒ Setting selector button:
Shows current fine tune level within the mode. Cycles through level 0-9.
- Ⓓ Setting indicator LED:
Shows current level setting.



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.



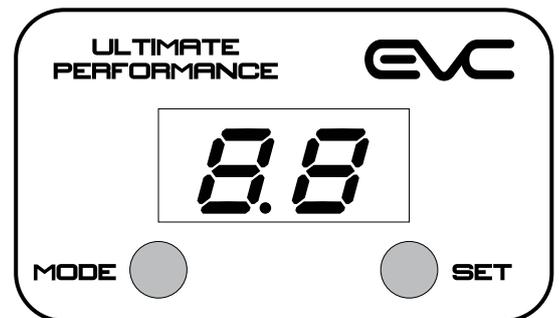
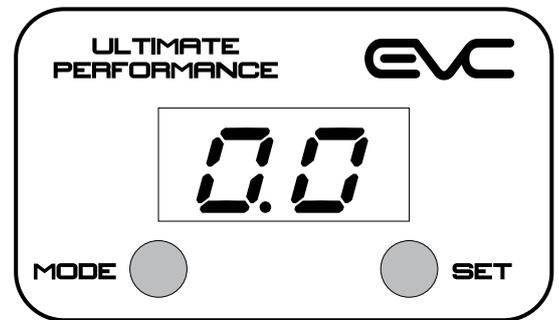
Press and hold the Mode button (B) for 3 seconds to enter the transmission setup mode

Use the Set button (C) 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.

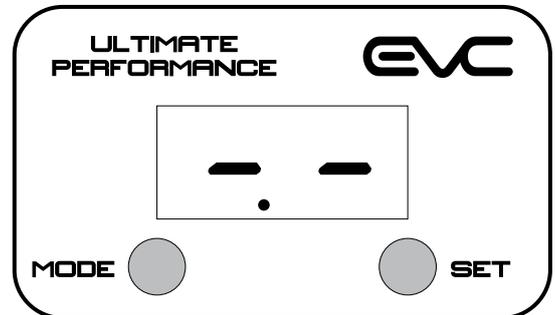
Once the desired setting is chosen, exit the transmission set up mode by pressing the Mode button (B) once.



OPERATION

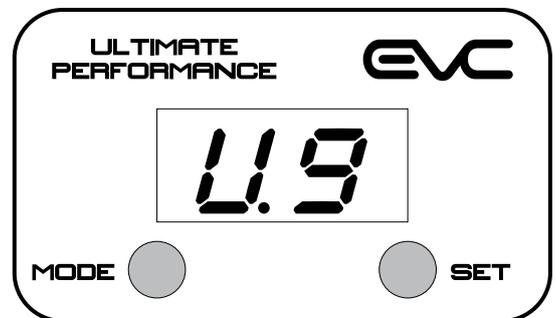
Factory Mode:

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



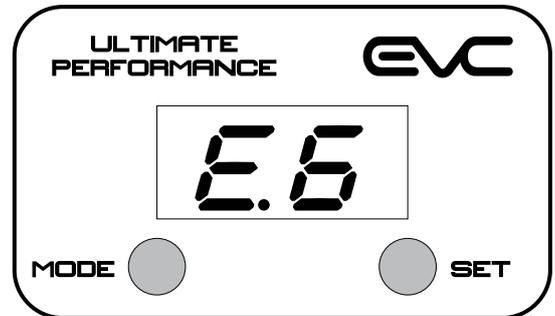
Ultimate Mode:

For enhanced throttle response, choose from 10 available settings (0-9) to fine tune your throttle response.



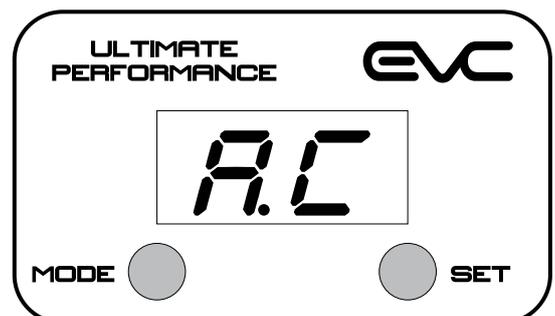
Economy Mode:

Subdued initial throttle response for greater control on loose or uneven surfaces such as when off road. Choose from 10 available settings (0-9).



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.



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 4WD driving where the subdued throttle response offers more control over undulating terrain preventing unnecessary jerking and 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.

APPLICATION GUIDE

VEHICLE MAKE SHORTCUT INDEX

Alfa Romeo	KIA
Audi	Lancia
BMW	Land Rover
Buick	LDV
BYD	Lexus
Cadillac	Mahindra
Changan	Maxus
Chery	Maybach
Chevrolet	Mazda
Chrysler	Mercedes-Benz
Citroen	MG
Dacia	Mini
Daihatsu	Mitsubishi
Dodge	Nissan
Dongfeng	Opel Vauxhall
Fiat	Peugeot
Ford	Polaris
Foton	Porsche
GMC	Renault
Great Wall	Saab
Haval	Scion
Hino	Seat
Holden	Skoda
Honda	SsangYong
Hummer	Subaru
Hyundai	Suzuki
Infiniti	Tata
Isuzu	Toyota
Jaguar	Volkswagen
Jeep	Volvo
JMC	

Alfa Romeo

MODEL	YEAR & VARIANT	PART NO.
147	2002 - 2010	EVC319L
156	2002 - ON	EVC319L
159	2006 - ON	EVC309L
BRERA COUPE	2006 - ON	NA
GIULIA	2016 - ON (952)	EVC309L
GIULIETTA	2010 - ON	EVC309L
GT	2005 - ON	EVC319L
MITO	2008 - 2018	EVC309L
SPIDER	2006 - ON	NA

Audi

MODEL	YEAR & VARIANT	PART NO.
A1	2010 - 2013	EVC152
A1	2013 - ON	EVC201L
A2	2000 - 2005	EVC152
A3	1999 - 2004	EVC152
A3	2004 - ON	EVC201L
A4	2001 - 2006 (B6)	EVC152
A4	2004 - 2009 (B7)	EVC152
A4	2008 - 2016 (B8)	EVC201L
A4	2017 - ON (B9)	EVC201L
A5	2007 - 2016	EVC201L
A5	2016 - ON	EVC206L
A6	2004 - 2011 (C6)	EVC202
A6	2012 - 2018 (C7)	EVC201L
A6	2018 - ON (C8)	EVC201L
A7	2010 - 2017 (4G8)	EVC201L
A8	2002 - 2010 (D3)	EVC201L
A8	2010 - 2017 (D4)	EVC201L
A8	2017 - ON (D5)	EVC252
Q3	2011 - ON	EVC201L
Q5	2008 - 2017 (B8)	EVC201L
Q5	2018 - ON (B9)	EVC207L
Q7	2007 - 2015 (1st Gen)	EVC252
Q7	2015 - ON (2nd Gen)	EVC207L
R8	2006 - ON	EVC201L
RS 3	2011 - 2012	EVC201L
RS 3	2015 - ON	EVC201L
RS 4	2006 - 2008 (B7)	EVC201L
RS 4	2012 - 2015 (B8)	EVC201L
RS 4	2018 - ON (B9)	EVC201L
RS 6	2008 - 2010 (C6)	EVC152

Audi

MODEL	YEAR & VARIANT	PART NO.
RS 6	2013 - 2018 (C7)	EVC201L
S3	2004 - 2013	EVC201L
S3	2013 - ON	EVC201L
S4	2001 - 2006 (B6)	EVC152
S4	2004 - 2009 (B7)	EVC152
S4	2004 - 2009 (B7)	EVC201L
S4	2008 - 2016 (B8)	EVC201L
S4	2017 - ON (B9)	EVC201L
S5	2007 - 2016	EVC201L
S5	2016 - ON	EVC207L
S8	2002 - 2010 (D3)	EVC201L
S8	2010 - 2017 (D4)	EVC252
S8	2017 - ON (D5)	EVC252
SQ5	2013 - 2017	EVC201L
SQ5	2018 - ON	NA
TT	1998 - 2006 (Mk1)	NA
TT	2006 - 2014 (Mk2)	EVC201L
TT	2014 - ON (Mk3)	EVC201L

BMW

MODEL	YEAR & VARIANT	PART NO.
All Models	2000 - ON	EVC401

Buick

MODEL	YEAR & VARIANT	PART NO.
ENCLAVE	2008 - ON	EVC507
ENCORE	2013 - ON	EVC507
ENVISION	2016 - ON	EVC525L
GL8	2000 - 2010 (1nd Gen)	EVC505L
GL8	2011 - 2016 (2nd Gen)	EVC535
GL8	2017 - ON (3rd Gen)	EVC535
LA-CROSS	2005 - ON	EVC535

BYD

MODEL	YEAR & VARIANT	PART NO.
F3	2005 - ON	EVC504
G5	2014 - ON	EVC504
G6	2011 - 2013	EVC504
M6	2010 - 2015	EVC504
S7	2011 - 2017	EVC504
SURUI	2016 - ON	EVC504

Cadillac

MODEL	YEAR & VARIANT	PART NO.
ATS	2013 - 2019	EVC525L
BLS	2005 - 2010	EVC505L
CTS	2002 - 2013	EVC535
CTS	2014 - 2019	EVC525L
ESCALADE	2002 - 2006 (2nd Gen)	EVC538
ESCALADE	2007 - 2014 (3rd Gen)	EVC536
ESCALADE	2015 - ON (4th Gen)	NA
SLS	2006 - 2013	EVC535
SRX SERIES		EVC712
STS	2005 - 2011	EVC505L
XT5	2017 - ON	EVC507
XTS	2013 - 2019	EVC556

Can-Am

MODEL	YEAR & VARIANT	PART NO.
MAVERICK		EVC536

Changan

MODEL	YEAR & VARIANT	PART NO.
ALSVIN		EVC903
CS20		EVC611
CS35		EVC504
CX30		EVC614
EADO		EVC604

Chery

MODEL	YEAR & VARIANT	PART NO.
A1		EVC101
A3		EVC101
A5		EVC101
ARRIZO 7		EVC101
CROSS		EVC101
E5		EVC101
EASTAR		EVC704
EASTAR	(MPV 2.0L)	EVC101
KARRY		EVC101
M5		EVC101
QQ		EVC101
RELY		EVC101
RIICH		EVC101

Chevrolet

MODEL	YEAR & VARIANT	PART NO.
AVALANCHE	2007 - 2013	EVC536
AVEO	2011 - 2018 (T300)	EVC525L
CAMARO	2010 - 2015	EVC535
CAMARO	2016 - ON	EVC535
CAMARO	2018 - ON (Australian Models)	EVC525L
CAPTIVA	2006 - 2018	EVC537
CAPTIVA	2019 - ON	EVC537
COLORADO	2012 - ON (2nd Gen)	EVC505L
CORVETTE	2005 - 2013 (C6)	NA
CORVETTE	2014 - 2019 (C7)	NA
CORVETTE	2019 - ON (C8)	NA
CRUZE	2008 - 2016	EVC505L
CRUZE	2016 - ON	EVC507
EPICA	2006 - 2013	EVC506
EQUINOX	2005 - 2009 (1st Gen)	NA
EQUINOX	2010 - 2017 (2nd Gen)	EVC537
EQUINOX	2018 - ON (3rd Gen)	EVC507
HHR	2006 - 2011	EVC505L
MALIBU	2008 - 2012 (7th Gen)	EVC505L
MALIBU	2012 - 2016 (8th Gen)	EVC525L
MALIBU	2017 - ON (9th Gen)	EVC525L
ORLANDO	2011 - 2018 (1st Gen)	EVC505L
ORLANDO	2018 - ON (2nd Gen)	NA
SAIL	2001 - 2009 (1st Gen)	EVC505L
SAIL	2010 - 2014 (2nd Gen)	NA
SAIL	2015 - ON (3rd Gen)	NA
SILVERADO	2007 - 2014 (2nd Gen)	EVC536
SILVERADO	2014 - 2019 (3rd Gen)	EVC536
SILVERADO	2019 - ON (4th Gen)	EVC525L

Chevrolet

MODEL	YEAR & VARIANT	PART NO.
SONIC	2012 - ON (2nd Gen)	EVC525L
SPARK	2005 - 2009 (2nd Gen)	NA
SPARK	2009 - 2015 (3rd Gen)	EVC525L
SPARK	2016 - ON (4th Gen)	EVC525L
SUBURBAN	2007 - 2014 (10th Gen)	EVC536
SUBURBAN	2015 - ON (11th Gen)	NA
TAHOE	2007 - 2014	EVC536
TAHOE	2015 - ON	EVC536
TORNADO	2011 - ON (2nd Gen)	EVC505L
TRAILBLAZER	2012 - ON (2nd Gen)	EVC505L
TRAX	2013 - ON	EVC525L

Chrysler

MODEL	YEAR & VARIANT	PART NO.
200	2011 - 2014 (1st Gen)	NA
200	2015 - 2017 (2nd Gen)	EVC505L
300C	2006 - 2010 (1st Gen)	EVC302L
300C	2011 - ON (2nd Gen)	EVC302L
CROSSFIRE	2004 - 2008	EVC451
GRAND VOYAGER	2008 - 2016	EVC124AN

Citroen

MODEL	YEAR & VARIANT	PART NO.
C1	2005 - 2014 (1st Gen)	EVC331
C1	2014 - ON (2nd Gen)	NA
C2	2003 - 2005	EVC321
C2	2006 - 2009	EVC331
C3	2002 - 2009 (1st Gen)	EVC321
C3	2009 - 2016 (2nd Gen)	EVC331
C3	2016 - ON (3rd Gen)	EVC333L
C4	2004 - 2010 (1st Gen)	EVC321
C4	2010 - 2018 (2nd Gen)	EVC303
C5	2000 - 2008 (1st Gen)	EVC321
C5	2008 - 2017 (2nd Gen)	EVC333L
C6	2016 - ON	EVC333L
C8	2002 - 2014 (2nd Gen)	EVC331
DISPATCH	2007 - 2016 (2nd Gen)	EVC331
DISPATCH	2016 - ON (3rd Gen)	NA
DS3	2009 - ON	EVC333L
DS4	2010 - 2018	EVC333L
DS5	2011 - 2018	EVC333L
DS6	2014 - ON	EVC333L
JUMPER	2006 - 2014	EVC319L
JUMPER	2015 - ON	EVC309L
JUMPY	2007 - 2016 (2nd Gen)	EVC331
JUMPY	2016 - ON (3rd Gen)	NA
NEMO	2007 - ON	EVC319L
SPACE TOURER	2016 - ON	NA
XSARA	1997 - 2006	EVC321
XSARA PICASSO	2000 - 2010	EVC321

Dacia

MODEL	YEAR & VARIANT	PART NO.
DUSTER	2009 - ON	EVC801
LOGAN	2004 - ON	EVC801
SANDERO	2007 - ON	EVC801

Daihatsu

MODEL	YEAR & VARIANT	PART NO.
HIJET TRUCK	2014 - ON (S500 / S510)	EVC171
TERRIOS	2006 - 2016 (J200 / F700)	EVC171
TERRIOS	2017 - ON (F800)	EVC171

Dodge

MODEL	YEAR & VARIANT	PART NO.
AVENGER	2007 - 2014	EVC304
CALIBER	2007 - 2012	EVC304
CHALLENGER	2009 - ON (3rd Gen)	EVC302L
DURANGO	2011 - ON (3rd Gen)	EVC302L
JOURNEY	2009 - ON	EVC304
MAGNUM	2005 - 2008 (LX)	EVC304
NITRO	2007 - 2012	EVC302L
RAM	2002 - 2008 (3rd Gen)	NA
RAM	2009 - ON (4th Gen - DS/DJ/D2)	EVC302L
RAM	2019 - ON (5th Gen - DT)	EVC508
VIPER	2008 - 2010 (4th Gen)	NA
VIPER	2013 - 2017 (5th Gen)	NA

Dongfeng

MODEL	YEAR & VARIANT	PART NO.
FENGSHENG		EVC803
FENGSHENG H30		EVC806
JOYEAR		EVC806
LUSGEN		EVC807
SUCCE		EVC806

Fiat

MODEL	YEAR & VARIANT	PART NO.
500	2007 - 2014	EVC310A
500	2014 - ON	EVC309L
ABARTH 500	2007 - 2014	EVC310A
CROMA	2005 - 2010	EVC319L
DUCATO	2006 - ON (3rd Gen)	EVC309L
FIORINO	2007 - ON	EVC319L
FREEMONT	2009 - ON	EVC304
GRANDE PUNTO	2005 - 2009	EVC319L
IDEA	2003 - 2016	EVC505L
LINEA	2007 - 2018	EVC319L
PALIO	2011 - 2017 (2nd Gen)	EVC319L
PERLA	2006 - 2007	EVC319L
PUNTO	1999 - 2010 (2nd Gen)	EVC319L
PUNTO	2005 - 2018 (3rd Gen)	EVC505L
SCUDO	2007 - 2008	EVC331
SIENA	2012 - ON (2nd Gen)	EVC319L
STILO	2001 - 2010	EVC319L
STRADA	2013 - ON	EVC319L
ULYSSE	2002 - 2014	EVC331

Ford

MODEL	YEAR & VARIANT	PART NO.
C-MAX	2011 - ON (2nd Gen)	EVC622L
ECOSPORT	2004 - 2012 (1st Gen)	EVC602L
ECOSPORT	2013 - ON (2nd Gen)	EVC602L
EDGE	2015 - ON (2nd Gen)	EVC622L
ESCAPE	2008 - 2012 (2nd Gen)	EVC606
ESCAPE	2013 - ON (3rd Gen)	EVC622L
ESCORT	2015 - ON	EVC622L
EVEREST	2009 - 2015 (2nd Gen)	EVC652L
EVEREST	2015 - ON (3rd Gen)	EVC622L
EXPLORER	2011 - 2019 (5th Gen)	EVC622L
F-150 RAPTOR	2010 - 2014	EVC622LW
F-150 RAPTOR	2017 - ON	EVC622LW
FALCON	2008 - 2014 (FG)	EVC152
FALCON	2014 - 2016 (FG-X)	EVC152
FOCUS	2011 - 2018 (3rd Gen)	EVC622L
FOCUS	2018 - ON (4th Gen)	EVC622L
F-TRUCK	2009 - 2014 (12th Gen)	EVC622L
F-TRUCK	2015 - ON (13th Gen)	EVC622L
FUSION	2013 - ON (2nd Gen)	EVC622L
KUGA	2012 - ON (2nd Gen)	EVC622L
MONDEO	2014 - ON (4th Gen)	EVC622L
MUSTANG	2005 - 2014 (5th Gen)	NA
MUSTANG	2015 - ON (6th Gen)	EVC622L
RANGER	2006 - 2009 (PJ)	EVC652L
RANGER	2009 - 2011 (PK)	EVC652L
RANGER	2011 - 2015 (PX)	EVC622L
RANGER	2015 - 2018 (PX2)	EVC622L
RANGER	2018 - ON (PX3)	EVC622L
RANGER	2018 - ON (Raptor)	EVC622L
S-MAX	2015 - ON (2nd Gen)	EVC622L

Ford

MODEL	YEAR & VARIANT	PART NO.
TERRITORY	2004 - 2011 (SY)	NA
TERRITORY	2011 - ON (SZ)	EVC152
TRANSIT	2013 - ON (4th Gen)	EVC622L

Foton

MODEL	YEAR & VARIANT	PART NO.
TUNLAND	2012 - ON	EVC619

Genesis

MODEL	YEAR & VARIANT	PART NO.
G70	2017 - ON	EVC607L
G80	2016 - ON	EVC607L
G90	2015 - ON	EVC607L
GV80	2020 - ON	EVC607L

GMC

MODEL	YEAR & VARIANT	PART NO.
ACADIA	2007 - 2017 (1st Gen)	EVC535
ACADIA	2017 - ON (2nd Gen)	EVC507
SIERRA	2007 - 2014 (2nd Gen)	EVC536
SIERRA	2014 - 2018 (3rd Gen)	EVC536
SIERRA	2019 - ON (4th Gen)	EVC525
TERRAIN	2010 - 2017 (1st Gen)	EVC535
TERRAIN	2017 - ON (2nd Gen)	NA
YUKON	2007 - 2014	EVC536
YUKON	2015 - ON	EVC536

Great Wall

MODEL	YEAR & VARIANT	PART NO.
CANNON	2020 - ON	EVC603
H2	2014 - ON	EVC603
H3	2006 - 2012	EVC806
H5	2009 - ON	EVC806
H6	2011 - 2017	EVC603
H6	2017 - ON	EVC603
H8		EVC603
H9	2014 - ON	EVC603
STEED	2006 - ON	EVC806
V-240	2006 - ON	EVC806
WINGLE	2006 - ON	EVC806
X-240	2006 - 2012	EVC806

Haval

MODEL	YEAR & VARIANT	PART NO.
H2	2014 - ON	EVC603
H3	2006 - 2012	EVC806
H5	2009 - ON	EVC806
H6	2011 - 2017	EVC603
H6	2017 - ON	EVC603
H8		EVC603
H9	2014 - ON	EVC603

Hino

MODEL	YEAR & VARIANT	PART NO.
300 SERIES	2011 - ON (2nd Gen)	EVC161L

Holden

MODEL	YEAR & VARIANT	PART NO.
ASTRA	1998 - 2005 (TS)	EVC505L
ASTRA	2004 - 2009 (AH)	EVC505L
ASTRA	2015 - 2016 (PJ)	EVC505L
ASTRA	2016 - ON (BK/BL)	EVC507
BARINA	2005 - 2011 (TK)	NA
BARINA	2011 - ON (TM)	EVC525L
CAPTIVA	2007 - 2018	EVC537
COLORADO	2012 - ON (RG)	EVC505L
COLORADO	2008 - 2011 (RC - Diesel)	EVC668
COLORADO	2008 - 2011 (RC - V6 Petrol)	EVC703L
COLORADO 7	2012 - 2016	EVC505L
COMMODORE	2006 - 2013 (VE)	EVC505L
COMMODORE	2013 - 2017 (VF)	EVC525L
COMMODORE	2018 - ON (ZB)	EVC525L
COMMODORE	2005 - 2007 (VZ - V6 Petrol)	EVC703L
CRUZE	2008 - 2016 (1st Gen)	EVC505L
CRUZE	2017 - ON	EVC507
CRUZE	2017 - ON (2nd Gen)	EVC537
MALIBU	2008 - 2012 (7th Gen)	EVC505L
MALIBU	2012 - 2016 (8th Gen)	EVC505L
RODEO	2007 - 2008 (RA7 - Diesel)	EVC668
RODEO	2007 - 2008 (RA7 - V6 Petrol)	EVC703L
STATESMAN	2006 - 2013 (WM)	EVC505L
STATESMAN	2013 - 2017 (WN)	EVC525L
TIGRA	2002 - 2009	EVC505L
TRAIL BLAZER	2016 - ON	EVC505L

Honda

MODEL	YEAR & VARIANT	PART NO.
ACCORD	2007 - 2012 (8th Gen)	EVC701
ACCORD	2010 - 2015 (Crosstour)	EVC701
ACCORD	2013 - 2018 (9th Gen)	EVC112
ACCORD	2018 - ON (10th Gen)	EVC112
ADVANCIER	2016 - ON (2nd Gen)	EVC112
CITY	2003 - 2008 (4th Gen)	EVC711
CITY	2008 - 2014 (5th Gen)	EVC711
CITY	2014 - ON (6th Gen)	EVC112
CIVIC	2006 - 2011 (8th Gen)	EVC701
CIVIC	2012 - 2016 (9th Gen)	EVC711
CIVIC	2016 - ON (10th Gen)	EVC112
CRV	2007 - 2011 (3rd Gen)	EVC701
CRV	2012 - 2016 (4th Gen)	EVC112
CRV	2017 - ON (5th Gen)	EVC112
CR-Z	2010 - 2016	EVC711
FIT	2001 - 2008 (1st Gen)	EVC711
FIT	2007 - 2014 (2nd Gen)	EVC711
FIT	2014 - ON (3rd Gen)	EVC711
FREED	2008 - ON	EVC711
HR-V	2013 - ON (RU - 2nd Gen)	EVC112
JADE	2013 - ON	EVC711
JAZZ	2001 - 2008 (1st Gen)	EVC711
JAZZ	2007 - 2014 (2nd Gen)	EVC711
JAZZ	2014 - ON (3rd Gen)	EVC112
ODYSSEY	2008 - 2013 (RB3 - RB4)	EVC701
ODYSSEY	2013 - ON (RC1 - RC2)	EVC112
STREAM	2006 - 2014	EVC701
UR-V	2016 - ON	EVC112
VEZEL	2013 - ON	EVC115

Hummer

MODEL	YEAR & VARIANT	PART NO.
H2	2003 - 2010	EVC539
H3	2006 - 2010	NA

Hyundai

MODEL	YEAR & VARIANT	PART NO.
ACCENT	2005 - 2010 (MC)	NA
ACCENT	2011 - ON (RB)	EVC611L
AVANTE	2011 - 2015 (Elantra)	EVC611L
AVANTE	2016 - ON (Elantra)	NA
AZERA	2012 - 2017 (Granduer)	EVC608
CRETA	2015 - ON	NA
ELANTRA	2007 - 2010	EVC608
ELANTRA	2011 - 2015	EVC611L
ELANTRA	2016 - ON	NA
ENTOURAGE	2006 - 2009	EVC610
EQUUS	2009 - 2016	EVC191
GENESIS	2009 - 2014	EVC191
GENESIS	2015 - 2016	EVC607L
GENESIS	2016 - ON	EVC607L
GETZ	2006 - 2009	NA
H1	2007 - ON	EVC610
i20	2008 - 2014 (PB)	NA
i20	2015 - ON (GB)	NA
i30	2007 - 2012 (FD)	EVC610
i30	2012 - 2017 (GD)	EVC611L
i30	2017 - ON (PD)	EVC607L
i40	2011 - ON	EVC608
i45	2010 - 2014	NA
iLOAD	2007 - ON	EVC610
iMAX	2007 - ON	EVC610
IONIQ	2016 - ON	NA
IX25	2015 - ON	EVC628
IX35	2010 - 2015	EVC608
KONA	2017 - ON	EVC607L
SANTA FE	2007 - 2012	EVC611L

Hyundai

MODEL	YEAR & VARIANT	PART NO.
SANTA FE	2013 - 2015	EVC610
SANTA FE	2015 - 2018	EVC611L
SANTA FE	2018 - ON	EVC607L
SONATA	2005 - 2009 (NF)	NA
SONATA	2010 - 2014 (YF)	EVC608
SONATA	2015 - 2019 (LF)	EVC607L
TUCSON	2004 - 2009 (JM)	EVC608
TUCSON	2009 - 2015 (LM)	EVC608
TUCSON	2015 - 2019 (TL)	EVC607L
TUCSON	2020 on (NX4)	EVC607L
VELOSTER	2011 - 2018	EVC611L
VELOSTER	2019 - ON	NA
VENUE	2020 - ON	EVC607L
VERACRUZ	2007 - 2012	EVC608
VERNA	2011 - ON	EVC609

Infiniti

MODEL	YEAR & VARIANT	PART NO.
FX30D	2010 - ON	EVC316L
FX35/45	2003 - 2008 (S50)	EVC316L
FX35/50	2009 - ON (S51)	EVC316L
G25/35/37	2007 - 2015 (V36)	EVC316L
G35	2002 - 2007 (V35)	EVC316L
M25/37/56	2010 - ON (Y51)	EVC316L
M30D	2010 - 2014	EVC316L
M35/45	2006 - 2010 (Y50)	EVC316L
Q40/50/60	2014 - 2015 (V36)	EVC316L
Q50/60	2014 - ON (V37)	EVC316L
Q70	2013 - ON (Y51)	EVC316L
Q70L	2015 - ON (LWB)	EVC316L
QX56	2004 - 2013	EVC316L
QX70	2013 - ON (S51)	EVC316L
QX80	2014 - ON	EVC316L

Isuzu

MODEL	YEAR & VARIANT	PART NO.
D-MAX	2004 - 2011 (1st Gen)	EVC668
D-MAX	2012 - 2019 (2nd Gen)	EVC171
D-MAX	2020 - ON (3rd Gen)	EVC171
MU-X	2012 - 2019 (1st Gen)	EVC171
MU-X	2020 - ON (2nd Gen)	EVC171

Jaguar

MODEL	YEAR & VARIANT	PART NO.
XE	2015 - ON	EVC622L
XF	2007 - 2015 (X250)	EVC192L
XF	2015 - ON (X260)	NA
XJ	2003 - 2007 (X350)	EVC192L
XJ	2007 - 2009 (X358)	EVC192L
XJ	2010 - ON (X351)	EVC192L

Jeep

MODEL	YEAR & VARIANT	PART NO.
CHEROKEE	2008 - 2012 (KK)	EVC124AN
CHEROKEE	2014 - ON (KL)	EVC309L
COMMANDER	2005 - 2010	EVC124AN
COMPASS	2006 - 2016	EVC304
COMPASS	2017 - ON	EVC309L
GLADIATOR	2019 - ON	EVC508
GRAND CHEROKEE	2004 - 2010 (WK)	NA
GRAND CHEROKEE	2011 - ON (WK2)	EVC124AN
PATRIOT	2007 - 2017	EVC304
WRANGLER	2007 - 04/2018 (JK)	EVC124AN
WRANGLER	2018 - ON (JL)	EVC508

JMC

MODEL	YEAR & VARIANT	PART NO.
LANDWIND	2012 - ON (X5)	EVC714
LANDWIND	2012 - ON (X8)	EVC614
VIGUS	2012 - ON	EVC603
YUHU	2012 - ON	EVC603

Kia

MODEL	YEAR & VARIANT	PART NO.
CADENZA	2009 - 2016 (1st Gen)	EVC503
CADENZA	2016 - ON (2nd Gen)	EVC503
CARENS	2006 - ON (2nd Gen)	EVC609
CARENS	2013 - ON (3rd Gen)	EVC609
CARNIVAL	2006 - 2014 (2nd Gen)	EVC610
CARNIVAL	2015 - ON (3rd Gen)	EVC611L
CEED	(3rd Gen)	NA
CEED	2006 - 2012 (1st Gen)	EVC503
CEED	2012 - 2018 (2nd Gen - JD)	EVC611L
CERATO	2004 - 2009 (1st Gen)	EVC503
CERATO	2009 - 2013 (2nd Gen)	EVC611L
CERATO	2013 - 2018 (3rd Gen)	EVC611L
CERATO	2019 - ON (4th Gen)	EVC607L
FORTE	2009 - 2013 (1st Gen)	NA
FORTE	2014 - 2018 (2nd Gen)	EVC631
FORTE	2019 - ON (3rd Gen)	NA
GRAND CARNIVALE	2005 - 2014 (2nd Gen)	EVC610
GRAND CARNIVALE	2015 - ON (3rd Gen)	EVC611L
K4	2014 - ON	EVC610
OPTIMA	2005 - 2010 (2nd Gen)	NA
OPTIMA	2010 - 2015 (3rd Gen)	EVC503
OPTIMA	2015 - 2020 (4th Gen)	EVC607L
PICANTO	2004 - 2011 (SA)	NA
PICANTO	2011 - 2017 (TA)	NA
PICANTO	2017 - ON (JA)	EVC607L
PROCEED GT	2013 - 2018	EVC611L
RIO	2005 - 2011 (JB)	EVC503
RIO	2011 - 2017 (UB)	EVC611L
RIO	2017 - ON (YB)	EVC607L
SORENTO	2002 - 2009 (1st Gen)	EVC806

Kia

MODEL	YEAR & VARIANT	PART NO.
SORENTO	2010 - 2014 (2nd Gen)	EVC611L
SORENTO	2015 - 2020 (3rd Gen)	EVC607L
SOUL	2009 - 2013 (1st Gen)	NA
SOUL	2014 - ON (2nd Gen)	EVC502
SOUL	2020 - ON (3rd Gen)	EVC502
SPORTAGE	2005 - 2010 (JE/KM)	EVC503
SPORTAGE	2010 - 2015 (SL)	EVC503
SPORTAGE	2015 - 2019 (QL)	EVC607L
STINGER	2017 - ON	EVC607L

Lancia

MODEL	YEAR & VARIANT	PART NO.
DELTA	2008 - 2014 (3rd Gen)	EVC319L
MUSA	2004 - 2012	EVC319L
PHEDRA	2002 - 2014	EVC331

Land Rover

MODEL	YEAR & VARIANT	PART NO.
DEFENDER	2020 - ON (L663)	EVC622L
DISCOVERY	2004 - 2009 (3)	EVC553
DISCOVERY	2009 - 2016 (4)	EVC552
DISCOVERY	2014 - ON (SPORT)	EVC622L
DISCOVERY	2017 - ON (5)	EVC622L
EVOQUE	2011 - 2013	NA
EVOQUE	2014 - ON	EVC622L
FREELANDER	1997 - 2006	NA
FREELANDER	2006 - 2014 (2)	EVC193
RANGE ROVER	2002 - 2012 (3rd Gen)	NA
RANGE ROVER	2012 - ON (4th Gen)	NA
RANGE ROVER	2010 - 2012 (3rd Gen - 4.4L Diesel)	EVC401
RANGE ROVER SPORT	2005 - 2013 (1st Gen)	EVC192L
RANGE ROVER SPORT	2013 - 2016 (2nd Gen)	EVC192L
RANGE ROVER SPORT	2016 - ON (3rd Gen)	EVC622L
RANGE ROVER VELAR	2017 - ON (L560)	EVC622L

LDV

MODEL	YEAR & VARIANT	PART NO.
D90	2017 - ON	EVC723
G10	2014 - ON	EVC252
T60	2017 - ON	EVC723
V80	2014 - ON	EVC252

Lexus

MODEL	YEAR & VARIANT	PART NO.
ES240	2006 - 2009	EVC171
ES250	2012 - ON	EVC171
ES300H	2012 - ON	EVC171
ES350	2012 - ON	EVC171
GS	2005 - 2011 (S190)	EVC161L
GS	2011 - ON (L10)	EVC171
GS250	2011 - ON (4th Gen)	EVC171
GS300	2005 - 2011 (GRS190)	EVC161L
GS350	2005 - 2011 (GRS191)	EVC161L
GS350	2011 - ON (GRL10)	EVC171
GS430	2005 - 2011 (UZS190)	EVC161L
GS430	2011 - ON	EVC171
GS450H	2007 - 2011	EVC161L
GS460	2008 - 2011	EVC161L
GX400	2012 - ON	EVC171
GX460	2010 - ON	EVC171
GX470	2003 - 2009	EVC161L
IS220	2005 - ON	EVC171
IS250	2006 - ON	EVC171
IS300	2006 - ON	EVC171
IS350	2005 - ON	EVC171
LM	2019 - ON	EVC171
LS430	2001 - 2006	EVC721
LS460	2007 - ON	EVC171
LX570	2008 - ON	EVC171
NX SERIES	2012 - ON	EVC171
RC350	2014 - ON	EVC171
RX	2003 - 2008 (XU30)	NA
RX	2008 - 2015 (AL10)	EVC171
RX	2015 - ON (AL20)	EVC171

Lexus

MODEL	YEAR & VARIANT	PART NO.
RX200T	2015 - 2017	EVC171
RX270	2012 - ON	EVC171
RX300	2018 - ON	EVC171
RX330	2004 - 2006	EVC161L
RX350	2004 - 2009	EVC161L
RX350	2010 - ON	EVC171
RX400H	2005 - 2009	EVC161L
RX450H	2010 - ON	EVC171
SC430	2001 - 2010	EVC721

Lotus

MODEL	YEAR & VARIANT	PART NO.
ELISE	2010 - ON (Series 3)	EVC505L

Mahindra

MODEL	YEAR & VARIANT	PART NO.
ALTURAS G4	2017 - ON	EVC610
Pik Up	2006 - ON	EVC319L
SCORPIO	2006 - ON	EVC319L
XUV500	2011 - ON	EVC319L

Maxus

MODEL	YEAR & VARIANT	PART NO.
D90	2017 - ON	EVC723
G10	2014 - ON	EVC252
T60	2017 - ON	EVC723
V80	2014 - ON	EVC252

Maybach

MODEL	YEAR & VARIANT	PART NO.
57	2002 - 2012 (W240)	EVC451
57S	2005 - 2012 (W240)	EVC451
62	2002 - 2012 (V240)	EVC451
62S	2006 - 2012 (V240)	EVC451

Mazda

MODEL	YEAR & VARIANT	PART NO.
2	2002 - 2007 (DY)	EVC601
2	2007 - 2014 (DE)	EVC606
2	2014 - ON (DJ)	NA
3	2003 - 2009 (BK)	EVC602L
3	2010 - 2013 (BL - SP25/MPS)	EVC602L
3	2010 - 2013 (BL)	EVC612
3	2013 - 2018 (BM/BN)	EVC632
3	2019 - ON (BP)	EVC632
6	2007 - 2012 (GH)	EVC702
6	2012 - 2016 (GJ)	EVC632
6	2016 - ON (GL)	EVC632
BIANTE	2008 - 2018	EVC622L
BT-50	2006 - 2011 (J97M)	EVC652L
BT-50	2011 - 2019 (UP/UR)	EVC622L
BT-50	2020 - ON (TF)	EVC171
CX-3	2015 - ON	EVC632
CX-5	2012 - 2017 (KE)	EVC632
CX-5	2017 - ON (KF)	EVC632
CX-7	2006 - 2012	EVC606
CX-8	2017 - ON	EVC632
CX-9	2006 - 2015 (TB)	EVC702
CX-9	2016 - ON (TC)	EVC632
MPV	2006 - 2016 (LY)	NA
MX-5	2005 - 2015 (NC)	EVC601
MX-5	2015 - 2018 (ND)	EVC632
RX-8	2002 - 2008	EVC601

Mercedes-Benz

MODEL	YEAR & VARIANT	PART NO.
RX-8	2008 - 2012	NA
A180	2012 - 2018	EVC452
A180	2019 - ON	EVC452
A-CLASS	2004 - 2011 (W169)	EVC451
A-CLASS	2012 - 2017 (W176)	EVC452
A-CLASS	2017 - ON (W177)	EVC452
B-CLASS	2005 - 2011 (W245)	EVC451
B-CLASS	2011 - 2018 (W246)	EVC452
B-CLASS	2018 - ON (W247)	EVC452
C-CLASS	2000 - 2007 (W203)	EVC451
C-CLASS	2007 - 2014 (W204)	EVC452
CL-CLASS	2000 - 2006 (C215)	EVC451
CL-CLASS	2007 - 2014 (C216)	EVC451
CLK-CLASS	2002 - 2009 (A209/C209)	EVC451
CLK-CLASS	2010 - 2017 (A207/C207)	EVC452
CLS-CLASS	2004 - 2010 (W219)	EVC451
CLS-CLASS	2010 - 2018 (W218)	EVC452
CLS-CLASS	2018 - ON (C257)	EVC452
E-CLASS	2003 - 2009 (W211)	EVC451
E-CLASS	2009 - 2016 (W212)	EVC452
E-CLASS	2016 - ON (W213/E200)	EVC452
G-CLASS	2018 - ON (W463)	EVC452
GLA / GLA45 AMG	2014 - ON	EVC452
GL-CLASS	2006 - 2012 (X164)	EVC451
GLK-CLASS	2009 - 2015 (X204)	EVC452
GLS-CLASS	2013 - ON (X166)	EVC452
M-CLASS	2000 - 2005 (W163)	EVC451
M-CLASS	2005 - 2011 (W164)	EVC451
M-CLASS	2011 - 2018 (W166)	EVC452
M-CLASS	2019 - ON (W167)	NA

Mercedes-Benz

MODEL	YEAR & VARIANT	PART NO.
R-CLASS	2006 - 2013 (W251)	EVC451
S-CLASS	1998 - 2005 (W220)	EVC451
S-CLASS	2006 - 2013 (W221)	EVC451
S-CLASS	2014 - ON (W222)	EVC452
SL-CLASS	2001 - 2011 (R230)	EVC451
SL-CLASS	2012 - ON (R231)	EVC452
SLK-CLASS	2000 - 2004 (R170)	EVC451
SLK-CLASS	2005 - 2010 (R171)	EVC451
SLK-CLASS	2011 - 2019 (R172)	EVC452
SLR MCLAREN	2003 - 2010 (C199)	EVC451
SLS-	2011 - 2015 (C197)	EVC452
SPRINTER	2006 - 2018 (906 - NCV3)	EVC452
SPRINTER	2019 - ON (907/910 - VS30)	EVC452
VITO/VIANO	2003 - 2014 (W639)	EVC452
VITO/VIANO	2015 - ON (W447)	EVC452
X-CLASS	2018 - ON	EVC804L

MG

MODEL	YEAR & VARIANT	PART NO.
3	2011 - ON (2nd Gen)	EVC715
5	2012 - ON	EVC611
6	2010 - 2017 (1st Gen)	EVC703L
6	2017 - ON (2nd Gen)	EVC715
GS	2019 - ON	EVC715
HS	2019 - ON	NA
ZS	2019 - ON	EVC715

Mini

MODEL	YEAR & VARIANT	PART NO.
All Models	2000 - ON	EVC401

Mitsubishi

MODEL	YEAR & VARIANT	PART NO.
380	2005 - 2008	EVC806
ASX	2010 - ON	EVC303
CHALLENGER	2008 - 2016 (PB)	EVC301L
COLT	2002 - 2013	EVC305
ECLIPSE CROSS	2017 - ON	EVC303
GALANT	2004 - 2012 (9th Gen)	EVC303
GRANDIS	2003 - 2011	EVC303
L200	2005 - 2014	EVC301L
LANCER	2007 - 2017	EVC303
LANCER	2017 - ON	EVC303
LANCER EVOLUTION	2007 - 2017 (EVO-X)	EVC303
MAGNA	2004 - 2005	EVC806
MIRAGE	2012 - 2016 (ES)	EVC313L
MIRAGE	2017 - ON (ES Face Lift)	EVC313L
MONTERO	2006 - ON	EVC301L
OUTLANDER	2006 - 2013 (2nd Gen)	EVC303
OUTLANDER	2013 - ON (3rd Gen)	EVC303
PAJERO	2006 - ON (V80)	EVC301L
PAJERO SPORT	2008 - 2016 (PB)	EVC301L
PAJERO SPORT	2015 - ON	EVC313L
RVR	2010 - ON	EVC303
SHOGUN	2006 - ON	EVC301L
STRADA	2007 - 2015	EVC301L
STRADA	2015 - ON	EVC313L
TRITON	2005 - 2010 (ML)	EVC301L
TRITON	2010 - 2015 (MN)	EVC301L
TRITON	2015 - 2019 (MQ)	EVC313L
TRITON	2019 - ON (MR)	EVC313L
XPANDER	2017 - ON	EVC313L

Nissan

MODEL	YEAR & VARIANT	PART NO.
MARCH	2001 - 2010 (K12)	EVC801
MARCH	2010 - 2017 (K13)	EVC801
MARCH	2017 - ON (K14)	EVC801
350Z	2003 - 2008 (Z33)	EVC326
370Z	2009 - ON (Z34)	EVC316L
ALMERA	2000 - 2006 (N16)	EVC801
ALMERA	2011 - ON (N17)	EVC801
ALMERA	2019 - ON (N18)	EVC801
ALTIMA	2001 - 2006 (L31)	NA
ALTIMA	2006 - 2012 (L32A)	EVC802
ALTIMA	2012 - 2018 (L33)	EVC802
ALTIMA	2019 - ON (L34)	EVC802
DUALIS	2006 - 2013 (J10)	EVC802
ELGRAND	2002 - 2010 (E51)	EVC326
ELGRAND	2010 - ON (E52)	NA
FRONTIER	2004 - ON (2nd Gen)	EVC804L
GENISS	2006 - 2013 (L10)	EVC801
GENISS	2013 - 2019 (L11)	EVC801
GT-R	2007 - ON (R35)	EVC812
LANNIA	2015 - ON (U15)	EVC801
LATIO	2012 - 2019	EVC801
LIVINA	2006 - 2013 (L10)	EVC801
LIVINA	2013 - 2019 (L11)	EVC801
LIVINA	2019 - ON (2nd Gen ND - MITS)	EVC313L
MAXIMA	2000 - 2003 (A33B)	EVC326
MAXIMA	2003 - 2008 (A34)	NA
MAXIMA	2008 - 2014 (A35)	NA
MAXIMA	2015 - ON (A36)	NA

Nissan

MODEL	YEAR & VARIANT	PART NO.
MICRA	2001 - 2010 (K12)	EVC801
MICRA	2010 - 2017 (K13)	EVC801
MICRA	2017 - ON (K14)	EVC801
MURANO	2002 - 2007 (Z50)	EVC326
MURANO	2009 - 2014 (Z51)	EVC802
MURANO	2015 - ON (Z52)	EVC802
NAVARA	2005 - ON (D40)	EVC804L
NAVARA	2014 - ON (D23 / NP300)	EVC804L
NAVARA	2008 - ON (D22 - 2.5L CRD)	EVC326
NOTE	2004 - 2013 (E11)	EVC801
NOTE	2013 - 2019 (E12)	EVC801
NP300	2014 - ON	EVC804L
NV200	2010 - ON	EVC801
PATHFINDER	2005 - 2012 (R51)	EVC804L
PATHFINDER	2013 - ON (R52)	EVC801
PATROL	2010 - 2019 (Y62 - ST-L / TI)	EVC804L
PATROL	2010 - 2019 (Y62 - TI-L / W-Adaptive Cruise)	NA
PATROL	2019 - ON (Y62 - Series 5)	EVC804L
PATROL	2007 - ON (Y61 - 3.0L CRD/ GU)	EVC802
PRARIE	1998 - 2004 (M12)	EVC801
PULSAR	2013 - 2017 (B17)	EVC801
PULSAR	2013 - ON (C13)	EVC801
PULSAR	2014 - ON (C14)	EVC801
QASHQAI	2006 - 2013 (J10)	EVC802
QASHQAI	2013 - ON (J11)	EVC802
SENTRA	2000 - 2006 (B15)	EVC801
SENTRA	2007 - 2012 (B16)	EVC802

Nissan

MODEL	YEAR & VARIANT	PART NO.
SENTRA	2013 - ON (B17)	EVC803
SKYLINE	2001 - 2007 (V35)	EVC326
SKYLINE	2006 - 2014 (V36)	EVC316L
SKYLINE	2014 - ON (HV37)	NA
SUNNY	2000 - 2005 (N16)	EVC801
SUNNY	2011 - ON (N17)	EVC801
SYLPHY	2000 - 2012 (G10/N16)	EVC802
SYLPHY	2005 - ON (G11)	EVC802
SYLPHY	2012 - ON (B17)	NA
SYLPHY	2019 - ON (B18)	NA
TEANA	2003 - 2008 (J31)	EVC804L
TEANA	2008 - 2013 (J32)	EVC802
TEANA	2013 - ON (L33)	NA
TIIDA	2004 - 2012 (C11)	EVC801
TIIDA	2011 - ON (C12)	EVC801
TIIDA	2015 - ON (C13)	EVC801
TITAN	2003 - 2015 (A60)	EVC535
TITAN	2016 - ON (A61)	EVC804L
URVAN	2001 - 2012 (E25)	EVC801
URVAN	2012 - ON (NV350)	NA
VERSA	2006 - 2012	EVC801
VERSA NOTE	2013 - 2019 (E12)	EVC801
X - TRAIL	2000 - 2007 (T30)	EVC326
X - TRAIL	2007 - 2013 (T31)	EVC802
X - TRAIL	2013 - ON (T32)	EVC802
XTERRA	2005 - 2015 (N50)	EVC326

Opel Vauxhall

MODEL	YEAR & VARIANT	PART NO.
AGILA	2000 - 2007 (A)	EVC505L
AGILA	2007 - 2014 (B)	EVC505L
ANTARA	2006 - ON	EVC537
ASTRA	2000 - 2004 (G)	EVC505L
ASTRA	2004 - 2009 (H)	EVC505L
ASTRA	2009 - 2015 (J)	EVC505L
ASTRA	2015 - ON (K)	EVC507
CORSA	2000 - 2006 (C)	EVC505L
CORSA	2006 - 2014 (D)	EVC505L
CORSA	2014 - ON (E)	EVC505L
GT	2007 - 2010	NA
INSIGNIA	2008 - 2017 (1st Gen)	EVC505L
INSIGNIA	2017 - ON (2nd Gen)	EVC505L
MERIVA	2003 - 2010 (A)	EVC505L
MERIVA	2010 - 2017 (B)	EVC505L
SIGNUM	2003 - 2008	EVC505L
TIGRA	2004 - 2009 (B)	EVC505L
VECTRA	2002 - 2008 (C)	EVC505L
VIVARO	2007 - 2016 (Mk 2)	EVC331
VIVARO	2016 - ON (Mk 3)	NA
ZAFIRA	2005 - 2014 (B)	EVC505L
ZAFIRA	2011 - ON (C)	EVC505L

Peugeot

MODEL	YEAR & VARIANT	PART NO.
107	2005 - 2014	EVC331
206	2003 - 2006	EVC321
206	2007 - 2008	EVC331
206	2009 - 2013 (+)	EVC333L
207	2006 - 2008	EVC331
207	2009 - ON	EVC333L
3008	2008 - ON	EVC333L
307	2003 - 2006	EVC321
307	2006 - 2008	EVC331
308	2007 - 2008	EVC331
308	2009 - ON	EVC333L
407	2004 - 2007	EVC321
407	2008 - ON	EVC303
408	2010 - 2014 (1st Gen)	EVC333L
408	2014 - ON (2nd Gen)	EVC333L
5008	2009 - ON	EVC333L
508	2010 - ON	EVC333L
607	2000 - 2010	EVC333L
807	2002 - 2014 (2nd Gen)	EVC331
BIPPER	2007 - ON (3rd Gen)	EVC319L
BOXER	2007 - ON (3rd Gen)	EVC319L
EXPERT	2007 - 2016 (2nd Gen - Mk2)	EVC331
EXPERT	2016 - ON (3rd Gen - Mk3)	NA
RCZ	2009 - 2015	EVC333L
TRAVELLER	2007 - 2016 (2nd Gen)	EVC331
TRAVELLER	2016 - ON (3rd Gen)	NA

Polaris

MODEL	YEAR & VARIANT	PART NO.
RZR		EVC421

Porsche

MODEL	YEAR & VARIANT	PART NO.
911 CARRERA	2000 - 2005 (996)	NA
911 CARRERA	2005 - ON (997)	EVC201L
911 GT3	2007 - ON (gT3-2)	EVC201L
911 TURBO	2001 - 2005 (996T)	EVC201L
911 TURBO	2007 - ON (997T)	EVC201L
BOXSTER	2000 - 2004 (986)	EVC201L
BOXSTER	2005 - ON (987)	EVC201L
BOXSTER	2012 - 2016 (981)	EVC201L
BOXSTER	2016 ON (982)	EVC201L
CARRERA GT	2004 - 2006	EVC201L
CAYENNE	2003 - 2010 (1st Gen)	EVC204
CAYENNE	2011 - 2017 (2nd Gen)	EVC204
CAYMAN	2006 - ON (987c)	EVC201L
CAYMAN	2012 - 2016 (981)	EVC201L
CAYMAN	2016 ON (982)	EVC201L
MACAN	2014 - ON	EVC201L
PANAMERA	2009 - ON (970)	EVC201L
PARRAMELA		EVC201L

Renault

MODEL	YEAR & VARIANT	PART NO.
CAPTUR	2013 - ON	EVC801
CLIO	2005 - 2012 (III)	EVC801
CLIO	2012 - 2019 (IV)	EVC801
CLIO	2019 - ON (V)	EVC801
ESPACE	2004 - 2014 (IV)	EVC801
ESPACE	2015 - ON (V)	EVC801
KOLEOS	2007 - 2016 (1st Gen)	EVC801
KOLEOS	2016 - ON (2nd Gen)	EVC801
LAGUNA	2001 - 2007 (II)	EVC801
LAGUNA	2007 - 2015 (III)	EVC801
MEGANE	2002 - 2009 (II)	EVC801
MEGANE	2010 - 2016 (III)	EVC801
MEGANE	2016 - ON (IV)	EVC801
SCENIC	2003 - 2009 (II)	EVC801
SCENIC	2009 - 2016 (III)	EVC801
SCENIC	2016 - ON (IV)	EVC801
TALISMAN	2015 - ON	EVC801

Saab

MODEL	YEAR & VARIANT	PART NO.
All Models	2005 - 2010	EVC505L

Scion

MODEL	YEAR & VARIANT	PART NO.
FR-S	2013 - 2016	EVC211L
iA	2013 - ON	EVC171
iM	2012 - ON	EVC171
iQ	2012 - 2015	EVC171
tC	2005 - 2016	EVC171
xD	2008 - 2014	EVC171

Seat

MODEL	YEAR & VARIANT	PART NO.
ALHAMBRA	2000 - 2010 (1st Gen - Typ 7M)	EVC152
ALHAMBRA	2010 - ON (2nd Gen - Typ 7N)	EVC201L
ALTEA	2004 - 2015	EVC201L
CORDOBA	2002 - 2009 (2nd Gen - Typ 6L)	EVC152
EXEO	2008 - 2013	EVC152
IBIZA	2002 - 2008 (3rd Gen - Typ 6L)	EVC152
IBIZA	2008 - 2017 (4th Gen - Typ 6J)	EVC152
IBIZA	2017 - ON (5th Gen)	NA
LEON	1998 - 2005 (1st Gen - Typ 1M)	EVC152
LEON	2005 - 2012 (2nd Gen - Typ 1P)	EVC201L
LEON	2012 - ON (3rd Gen - Typ 5F)	EVC201L
TOLEDO	1998 - 2004 (2nd Gen - Typ 1M)	EVC152
TOLEDO	2004 - 2009 (3rd Gen - Typ 5P)	EVC201L
TOLEDO	2012 - 2018 (4th Gen - Typ NH)	EVC201L

Skoda

MODEL	YEAR & VARIANT	PART NO.
FABIA	1999 - 2007 (1st Gen - Typ 6Y)	EVC152
FABIA	2007 - 2014 (2nd Gen - Typ 5J)	EVC152
FABIA	2015 - ON (3rd Gen - Typ NJ)	EVC201L
KODIAQ	2016 - ON	EVC201L
OCTAVIA	2000 - 2010 (1st Gen - Typ 1U)	EVC152
OCTAVIA	2004 - 2013 (2nd Gen - Typ 1Z)	EVC201L
OCTAVIA	2013 - ON (3rd Gen - Typ 5E)	EVC201L
RAPID	2011 - ON (Spaceback)	EVC201L
RAPID	2012 - ON	EVC201L
SUPERB	2001 - 2008 (B5 - Typ 3U)	EVC152
SUPERB	2008 - 2015 (B6 - Typ 3T)	EVC201L
SUPERB	2015 - ON (B8 - Typ 3V)	EVC201L
YETI	2009 - 2017	EVC201L

SsangYong

MODEL	YEAR & VARIANT	PART NO.
MUSSO	2018 - ON (Q200)	EVC610
REXTON	2017 - ON (Y400)	EVC610
RHINO	2018 - ON (Q200)	EVC610

Subaru

MODEL	YEAR & VARIANT	PART NO.
BRZ	2012 - ON	EVC211L
FORESTER	2002 - 2005 (SG - Series 1)	EVC501
FORESTER	2005 - 2008 (SG - Series 2)	EVC551
FORESTER	2008 - 2013 (SH)	EVC551
FORESTER	2013 - 2018 (SJ)	EVC551
FORESTER	2019 - ON (SK)	EVC551
IMPREZA	2007 - 2014 (3rd Gen - GE/ GV/GH/GR)	EVC551
IMPREZA	2011 - 2016 (4th Gen - GJ/ GP/VA)	EVC551
IMPREZA	2016 - ON (5th Gen - GK/GT)	EVC551
LEGACY & OUTBACK	2003 - 2009 (4th Gen - BL/ BP)	EVC501
LEGACY & OUTBACK	2009 - 2014 (5th Gen - BM/ BR)	EVC551
LEGACY & OUTBACK	2014 - 2019 (6th Gen - BN/ BS)	EVC551
LEGACY & OUTBACK	2020 - ON (7th Gen - BW/BT)	NA
LIBERTY	2003 - 2009 (4th Gen - BL/ BP)	EVC501
LIBERTY	2009 - 2014 (5th Gen - BM/ BR)	EVC551
LIBERTY	2014 - 2019 (6th Gen - BN/ BS)	EVC551
LIBERTY	2020 - ON (7th Gen - BW/BT)	NA
OUTBACK SPORT	2007 - 2011 (3rd Gen)	EVC551
R1	2005 - 2010	EVC161L
R2	2005 - 2010	EVC161L
SCION FR-S	2012 - 2016	EVC211L
WRX	2007 - 2014 (3rd Gen)	EVC551
WRX	2011 - 2016 (4th Gen)	EVC551
WRX	2016 - ON (5th Gen)	EVC551

Subaru

MODEL	YEAR & VARIANT	PART NO.
XV	2012 - ON	EVC551
XV	2012 - ON (Crosstrek)	EVC551

Suzuki

MODEL	YEAR & VARIANT	PART NO.
ALIVIO	2014 - ON	EVC901L
CIAZ	2014 - ON	EVC901L
EQUATOR	2004 - ON	EVC804L
GRAND VITARA	2005 - 2017 (2nd Gen)	EVC901L
GRAND VITARA	2015 - ON (3rd Gen)	EVC901L
IGNIS	2000 - 2008	NA
IGNIS	2016 - ON	EVC910L
JIMNY		EVC901L
JIMNY	2018 - ON (4th Gen)	NA
KIZASHI	2009 - 2016	EVC912
LIANA	2001 - 2007	EVC905
MEHRAN		EVC910L
SOLIO	2012 - 2017 (5th Gen)	EVC901L
SOLIO	2017 - ON (6th Gen)	EVC901L
SWIFT	2004 - 2010 (2nd Gen)	EVC901L
SWIFT	2010 - 2017 (3rd Gen)	EVC901L
SWIFT	2017 - ON (4th Gen)	NA
SWIFT SPORT	2004 - 2010 (2nd Gen)	EVC161L
SWIFT SPORT	2010 - 2017 (3rd Gen)	EVC901L
SWIFT SPORT	2017 - ON (4th Gen)	NA
SX4	2006 - 2014 (1st Gen)	EVC901L
SX4	2013 - ON (2nd Gen)	EVC901L
VITARA	2005 - 2017 (3rd Gen)	EVC901L
VITARA	2015 - ON (4th Gen)	EVC901L

Tata

MODEL	YEAR & VARIANT	PART NO.
TL SPRINT	2007 - ON	EVC319L
XENON	2007 - ON (2nd Gen)	EVC319L

Toyota

MODEL	YEAR & VARIANT	PART NO.
4RUNNER	2002 - 2009 (N210)	EVC161L
4RUNNER	2009 - ON (N280)	EVC171
86	2012 - ON	EVC211L
ALPHARD	2002 - 2008 (AH10 - 1st Gen)	NA
ALPHARD	2008 - 2015 (AH20 - 2nd Gen)	EVC171
ALPHARD	2015 - ON (AH30 - 3rd Gen)	EVC171
ALTIS	2006 - ON	EVC171
AURION	2006 - 2012 (XV40)	EVC171
AURION	2012 - 2019 (XV50)	EVC173
AURIS	2006 - 2012 (E150)	EVC171
AURIS	2012 - 2018 (E180)	EVC171
AURIS	2018 - ON (E210)	EVC171
AVENSIS	2009 - 2018 (T250)	EVC171
AXIOS	2006 - ON	EVC171
AYGO	2005 - 2014 (AB10)	EVC331
AYGO	2014 - ON (AB40)	NA
BELTA	2006 - 2016	EVC171
BLADE	2006 - ON	EVC171
CAMRY	2001 - 2006 (XV30)	EVC721
CAMRY	2006 - 2012 (XV40)	EVC171
CAMRY	2012 - 2019 (XV50)	EVC171
CAMRY	2017 - ON (XV70)	EVC171
C-HR	2018 - ON	EVC171
COROLLA	2006 - ON (E140/E150)	EVC171
COROLLA	2012 - ON (E160/E170)	EVC171
COROLLA	2018 - ON (E180)	EVC171
CROWN	2003 - 2008 (S180)	EVC161L
CROWN	2008 - 2012 (S200)	EVC171
CROWN	2012 - 2018 (S210)	EVC171
CROWN	2018 - ON (S220)	EVC171

Toyota

MODEL	YEAR & VARIANT	PART NO.
ESTIMA	2006 - ON (XR50)	EVC171
FIELDER	2006 - ON	EVC171
FJ CRUISER	2006 - ON	EVC161L
FORTUNER	2004 - 2015 (AN50/AN60)	EVC161L
FORTUNER	2015 - ON (AN150/AN160)	EVC171
FR-S	2012 - ON	EVC211L
FT86	2012 - ON	EVC211L
GT86	2012 - ON	EVC211L
HARRIER	2013 - ON	EVC171
HIACE	2004 - 2019 (H200)	EVC161L
HIACE	2019 - ON (H300)	EVC171
HILUX	2001 - 2005 (6th Gen)	NA
HILUX	2004 - 2015 (7th Gen - N70)	EVC161L
HILUX	2004 - 2015 (Vigo)	EVC161L
HILUX	2015 - ON (8th Gen - N80)	EVC171
HILUX	2015 - ON (Revo)	EVC171
INNOVA	2004 - 2015 (AN40)	EVC161L
INNOVA	2015 - ON (AN140)	EVC171
IST	2007 - 2016 (XP110)	EVC171
KLUGER	2000 - 2007 (XU20)	EVC161L
KLUGER	2007 - 2013 (XU40)	EVC171
KLUGER	2013 - ON (XU50)	EVC171
LAND CRUISER	09/2009 - ON (70 Series - VDJ76/78/79)	EVC171
LAND CRUISER	2007 - 09/2009 (70 Series - VDJ76/78/79)	EVC161L
LAND CRUISER	2007 - ON (200 Series)	EVC171
LAND CRUISER	1998 - 2007 (100 Series - V8 Petrol)	EVC721
MARK X	2004 - 2009 (X120)	EVC161L

Toyota

MODEL	YEAR & VARIANT	PART NO.
MARK X	2009 - 2019 (X130)	EVC171
MATRIX	2003 - 2008 (E130)	EVC721
MATRIX	2009 - 2014 (E140)	EVC171
NOAH	2014 - ON (R80)	EVC171
PICNIC	2001 - 2009 (XM20)	EVC721
PRADO	2002 - 2009 (J120)	EVC161L
PRADO	2009 - ON (J150)	EVC171
PREVIA	2006 - ON (XR50)	EVC171
PRIUS	2004 - 2009 (XW20)	EVC161L
PRIUS	2010 - 2015 (XW30)	EVC171
PRIUS	2016 - ON (XW50)	EVC171
PROACE	2007 - 2016 (2nd Gen)	EVC331
PROACE	2016 - ON (3rd Gen)	EVC333L
RAV 4	2005 - 2016 (XA30)	EVC171
RAV 4	2012 - 2018 (XA40)	EVC171
RAV 4	2018 - ON (XA50 - inc Hybrid)	EVC171
RUSH	2006 - 2016 (J200/F700)	EVC171
RUSH	2017 - ON (F800)	EVC171
SEQUOIA	2000 - 2007 (XK30/XK40)	NA
SEQUOIA	2007 - ON (XK60)	EVC171
SIENNA	2003 - 2009 (XL20)	NA
SIENNA	2010 - ON (XL30)	EVC171
SIENTA	2003 - 2015 (XP80)	NA
SIENTA	2015 - ON (XP170)	EVC171
TACOMA	2005 - 2015 (2nd Gen)	EVC161L
TACOMA	2016 - ON (3rd Gen - N300)	EVC171
TARAGO	2006 - ON (XR50)	EVC171
TUNDRA	2000 - 2006 (XK30/XK40)	EVC171

Toyota

MODEL	YEAR & VARIANT	PART NO.
TUNDRA	2007 - ON (XK50)	EVC171
URBAN CRUISER	2007 - 2016 (XP110)	EVC171
VELLFIRE	2008 - 2015 (2nd Gen - AH20)	EVC171
VELLFIRE	2015 - ON (3rd Gen - AH30)	EVC171
VERSO	2009 - 2018	EVC171
VIOS	2002 - 2007 (XP40)	NA
VIOS	2007 - 2013 (XP90)	EVC181
VIOS	2013 - ON (XP150)	EVC171
VITZ	2005 - 2011 (XP90)	EVC171
VITZ	2011 - ON (XP130)	EVC171
WISH	2003 - 2009 (AE10)	EVC721
WISH	2009 - 2017 (AE20)	EVC171
YARIS	2005 - 2013 (XP90)	EVC181
YARIS	2011 - ON (XP130)	EVC171
YARIS	2013 - ON (XP150)	EVC171

Volkswagen

MODEL	YEAR & VARIANT	PART NO.
AMAROK	2010 - ON	EVC152
AMAROK	2016 - ON (V6)	EVC152
BEETLE	1998 - 2011 (New Beetle)	EVC201L
BEETLE	2011 - ON (A5)	EVC201L
BORA	1999 - 2005	EVC152
CADDY	2003 - ON (3rd Gen - Typ 2K)	EVC201L
CC	2008 - 2017	EVC201L
CRAFTER	2006 - 2017	EVC452
CRAFTER	2017 - ON	EVC201L
EOS	2006 - 2015	EVC201L
GOLF	1997 - 2003 (3rd Gen - Mk4/ A3, Typ 1J)	EVC152
GOLF	2003 - 2008 (5th Gen - Mk5/ A5, Typ 1K)	EVC201L
GOLF	2003 - ON (GTI)	EVC201L
GOLF	2003 - ON (R)	EVC201L
GOLF	2008 - 2012 (6th Gen - Mk6/ A6, Typ 5K)	EVC201L
GOLF	2012 - ON (5th Gen - Mk7/ MQB, Typ 5G)	EVC201L
GOLF	2015 - ON (Sportsvan)	EVC201L
GRAN LAVIDA	2013 - 2017	EVC201L
JETTA	2006 - 2011 (A5)	EVC201L
JETTA	2011 - 2018 (A6)	EVC201L
JETTA	2019 - ON (A7)	EVC201L
LAMANDO	2015 - ON	EVC201L
LAVIDA	2008 - 2013 (1st Gen)	EVC152
LAVIDA	2012 - 2017 (2nd Gen)	EVC201L
LAVIDA	2018 - ON (3rd Gen)	EVC206L
LUPO	1998 - 2005	EVC152
PASSAT	1997 - 2006 (B5/B5.5 - Typ 3B/3BG)	EVC152

Volkswagen

MODEL	YEAR & VARIANT	PART NO.
PASSAT	2005 - 2015 (B6/B7 - Typ 3C)	EVC201L
PASSAT	2005 - 2015 (CC)	EVC201L
PASSAT	2018 - ON (B8 - Typ 3G)	EVC201L
PHAETON	2002 - 2006 (1st Gen)	EVC152
PHAETON	2007 - ON (2nd Gen)	EVC201L
POLO	2002 - 2009 (4th Gen - Typ 6Q/9N/9N3)	EVC152
POLO	2009 - 2018 (5th Gen - Typ 6R/6C/61)	EVC152
POLO	2018 - ON (6th Gen - Typ AW)	EVC201L
SCIROCCO	2008 - 2017 (3rd Gen)	EVC201L
SCIROCCO	2009 - 2017 (R)	EVC201L
SCIROCCO	2015 - 2017 (GTS)	EVC201L
SHARAN	2000 - 2010 (Mk 1A/1B)	EVC152
SHARAN	2010 - ON (2nd Gen - Typ 7N)	EVC201L
T5	2003 - 2009	NA
T5	2009 - 2015	EVC152
T5	2009 - 2015 (Multivan)	EVC152
T6	2015 - ON	EVC152
TIGUAN	2007 - 2017 (1st Gen)	EVC201L
TIGUAN	2016 - ON (2nd Gen)	EVC201L
TOUAREG	2002 - 2010 (1st Gen)	EVC152
TOUAREG	2010 - 2018 (2nd Gen)	EVC252
TOUAREG	2019 - ON (5th Gen)	EVC207L
TOURAN	2003 - 2015 (1st Gen)	EVC201L
TOURAN	2015 - ON (2nd Gen)	EVC201L
TRANSPORTER	2009 - 2015 (T5)	EVC152
TRANSPORTER	2015 - ON (T6)	EVC152
T-ROC	2017 - ON	EVC201L

Volvo

MODEL	YEAR & VARIANT	PART NO.
C30	2006 - 2013	EVC602L
C70	1999 - 2005 (1st Gen)	EVC602L
C70	2006 - 2013 (2nd Gen)	EVC602L
S40	1999 - 2004 (1st Gen)	EVC602L
S40	2004 - 2012 (2nd Gen)	EVC602L
S60	2000 - 2009 (1st Gen)	EVC602L
S60	2010 - 2018 (2nd Gen)	EVC602L
S60	2019 - ON (3rd Gen)	EVC623
S80	1998 - 2006 (1st Gen)	EVC602L
S80	2006 - 2016 (2nd Gen)	EVC623
V40	1999 - 2004 (1st Gen)	EVC602L
V40	2012 - 2019	EVC612
V40	2013 - ON (Cross Country)	EVC612
V50	2004 - 2012	EVC602L
V70	2000 - 2007 (2nd Gen)	EVC602L
V70	2007 - 2016 (3rd Gen)	EVC602L
XC60	2017 - ON (2nd Gen)	EVC612
XC70	2000 - 2007 (2nd Gen)	EVC602L
XC70	2007 - 2016 (3rd Gen)	EVC602L
XC90	2015 - ON (2nd Gen)	EVC612

TROUBLESHOOTING

THROTTLE CONTROLLER FAQ's

What is throttle lag?

Modern vehicles are equipped with electronic pedals rather than traditional cable throttles that had a direct physical linkage to the throttle. The cable throttle was more rudimentary but also more efficient, you pushed the pedal and the throttle responded. Any delay was usually due to a slack cable or an out of tune carburettor.

In a modern throttle system (also known as drive-by-wire or fly-by-wire), pedals rely on sensors to measure the action of how far and how fast the driver pushes the pedal, this action creates a torque request which is sent to the Electronic Control Unit (ECU). The ECU then sends this request to the Throttle Position Sensor (TPS) which adjusts the butterfly position and actuates the throttle accordingly.

Throttle lag is the dead spot you feel in top 5-10% of pedal travel where nothing happens. You hit the gas, there is a noticeable hesitation and then the throttle responds. This is an inherent electronic lag that is programmed from factory and which physical input (i.e. stomping your foot harder) cannot overcome.

Why do cars have throttle lag?

There's a number of reasons why modern cars have throttle lag:

- First of all, compromised drivability. Car manufacturers need to tune their vehicles from factory to suit a range of different drivers and driving styles. The factory tune for a new car is not overly aggressive, it's not overly underwhelming, it kind of just sits in the middle, to try and tailor for the wide variety of potential customers they may have.
- There are also issues along the lines of emissions testing, each manufacturers vehicle must meet strict emissions testing prior to being released. A part of the emissions testing procedure is a snap acceleration smoke test which monitors smoke opacity at different rev ranges, so if a vehicle is producing too many pollutants at a certain RPM, the manufacturer may need to restrict the vehicles performance.
- Manufacturer fuel economy claims. We all know the fuel efficiency claims by car companies are almost impossible to replicate, however somewhere along the line they do have to provide evidence of their figures. If a car manufacturer cannot get decent fuel efficiency figures with a new prototype vehicle or updated model, they may have to restrict the performance of the vehicle to improve fuel efficiency figures. Part of this restriction could potentially be dampening the vehicles factory throttle response.

How does the EVC Throttle Controller work?

The EVC is a throttle response controller that gives you complete control over the responsiveness of your vehicle. The EVC does this by providing new points of reference for your vehicles throttle mapping, either introducing an enhanced or subdued throttle curve depending on what mode/setting you have the EVC set to. The EVC connects between your pedal assembly and factory pedal wiring plug, overriding your factory set throttle parameters and providing its own parameters to your vehicle's ECU.

Introducing an enhanced throttle curve (Ultimate Mode) increases your throttle response, bringing the throttle curve in quicker and getting rid of the lag from when you hit the gas and the throttle responds. Ultimate mode 2-3 is perfect for everyday driving, while Ultimate mode 5-8 is great for towing, overtaking, hill climbing, sand driving, charging through a bog hole etc. where you need to stay on the gas and power through.

Introducing a subdued throttle curve (Economy Mode) reduces your throttle response below factory levels and is great for low traction situations where more finesse control over the power applied to the wheels is required, such as rock crawling, water crossings etc. Economy mode 2-3 is perfect for when you need a less aggressive response and don't want to be constantly spinning the wheels.

Why can't I just push my foot down harder?

Your factory pedal has set parameters, these parameters cannot be overridden by physical input i.e. pushing your foot harder or faster. It doesn't matter how fast you push your foot down, your factory parameters will always deliver the same throttle response.

The only way to alter your throttle response is to electronically override it by adding new sets of throttle parameters with the EVC, to get to wide open throttle at a faster rate.

By introducing a sharper throttle curve with the EVC in Ultimate Mode, you are modifying the torque request that is sent through to the throttle tables in your vehicles ECU, this, in turn, actuates the throttle faster. While the EVC doesn't add top end HP, it does improve acceleration ramp up power which is the amount of accessible power when you plant your foot, from either a stopped start or rolling speed.

Likewise, with the EVC set to Economy mode you are introducing a duller throttle curve and dampening your throttle response past factory levels. This is also something that your foot cannot replicate as it doesn't matter how lightly you ease the throttle on, you are still guided by your factory set parameters. Without electronically overriding these parameters there is no way for you to physically alter your vehicles throttle response, throttle mapping or throttle actuation.

Is the EVC Throttle Controller safe to use?

The EVC is 100% safe to use.

As part of the EVCs' development, we ensure the EVC cannot override any of a vehicles safety functions or parameters.

We also test the EVC on every new vehicle model to ensure that the current model EVC works effectively with any late model vehicle, whether it is a revised, updated model or completely new vehicle release.

The EVC is also backed up with a lifetime replacement warranty which also extends to your vehicle and covers any costs that arise from the installation and use of your EVC. That is how confident we are in our product and as far as we know we're the only throttle controller company in the world that offers this level of product cover, confidence and peace of mind for their customers.

Will the EVC Throttle Controller impact my new car warranty?

The EVC, like any aftermarket accessory (bull bars, snorkels, driving lights etc.) can potentially impact your new car warranty if it has caused the issue you are seeking warranty on.

At Ultimate9 we back our products 100%, that is why we offer a lifetime replacement warranty with every EVC Throttle Controller sold. This warranty also extends to the vehicle the EVC is installed on. So, if our product does cause an issue on a customer's vehicle, we will cover any costs involved under Ultimate9's comprehensive liability insurance.

Can the EVC Throttle Controller be used with other performance products?

The EVC can be used with any ECU Tune, Dyno Tune, ECU Remap, Power Chip or ECU Reflash as the EVC works on a different internal system and if anything will complement the positive effects of other aftermarket performance modifications.

The benefit of the EVC is its adjustability, with 4 driving modes and 20 adjustable settings you can fine-tune your throttle response to any driving style or situation. This enables you to also manually adjust the strength and effectiveness of your other performance accessories with the EVC.

If your custom tune/chip/remap is great for everyday driving but lacks a bit of punch when towing, you can use the EVC to sharpen your throttle response and compensate for the extra added weight behind your vehicle.

On the flip side, if your tune/chip/remap is too aggressive when driving off-road or in wet conditions, you can use the EVC to dampen your throttle response and have more finesse control over the application of power to your wheels.

Is the EVC Throttle Controller good for towing?

The EVC is a throttle response controller that gives you the power to tune your vehicles throttle response for any towing application or situation.

The EVC Throttle Controller does this by providing new points of reference for your vehicles throttle mapping, allowing you to either enhance or subdue your vehicles throttle response.

Enhancing your throttle response has a range of benefits for towing, by getting rid of low-down lag and having a sharper take off you're able to get up to speed quickly and with less effort, improving the overall towing ability of your vehicle.

On the flip side, a subdued throttle response is also very handy in a variety of towing situations. By softening your throttle you can have a far more controlled application of power to your wheels which is great for any low speed towing maneuverer where you don't want to be jerking on the throttle every-time you hit the gas and potentially over-correct yourself, such as when backing a caravan into a tight camping spot or garage..

Will the EVC increase my fuel consumption?

Fuel consumption largely comes down to how you drive with the EVC Throttle Controller installed. Generally speaking around 50% of our customers get far greater throttle response with no impact on fuel economy, around 40% get better economy along with far greater throttle response, while a small percentage see slightly worse fuel economy (usually due to a heavier right foot from the extra throttle response!).

The beauty of the EVC Throttle Controller is the 30-day money back guarantee, so you have 4 weeks to try the EVC out for yourself risk free and can return the unit if you're not 100% satisfied, we'll even pay for shipping.

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.

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.

Ultimate9 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 Ultimate9 Customer Service on 03 8740 1170.
- Provide Ultimate9 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 Ultimate9. 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.



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