

# Injectronics

Remanufactured Automotive Electronics Components

## PRODUCT SERVICE INFORMATION

Document number: P0021

For further technical information regarding testing, repairs or to search for New or Remanufactured Automotive electronic products, please visit [www.injectronics.com.au](http://www.injectronics.com.au), call our office on (+613) 8792 6999, or email [sales@injectronics.com.au](mailto:sales@injectronics.com.au)

Vehicle: Holden Commodore VZ

Subject: Programming information

Injectronics can now program a new VZ V6 engine control unit (PCM) with all the customer's vehicles details.

Providing the customer has the following:

- Appropriate aftermarket scan-tool (check makes & instructions) or/
- Tech2 scan Tool with the ability to get TIS approval,

They can then install the Injectronics pre-programmed ECM to the Vehicle. This avoids the need to send a vehicle to a GMH dealer for variant programming. All that is required is a PCM (ECM) to PIM link with the Tech2 or one of the above mentioned aftermarket scan tools.

What is required if ordering an exchange PCM:

1. When ordering a VZ V6 PCM , please specify
  - Customer's VIN
  - Customer's Trans type : 4 speed Auto, 5 speed Auto or 6 speed Manual
  - If the vehicle is a 5 speed Auto, specify wheel drive type - RWD or AWD
2. Injectronics stock the majority of top selling program variations of the VZ Commodore ECM which have the variants pre-programmed. If the variation you require is not a stocked line, Injectronics will then program the ECM for you (after receiving vin number and transmission type). You will be charged for the ECM and a standard programming fee.
3. The Installer will need to complete the following (below examples are programming steps using G Scan scantool)

**IMPORTANT: DONT ATTEMPT TO INSTALL THE REPLACEMENT ECM WITHOUT RESETTING (UNLOCKING) THE OLD ECM FIRST**  
If your vehicles 4 digit security code begins with a zero (0) & it fails to link to the ECM you will need to send your ECM to Injectronics along with your PIM, BCM & key for programming otherwise PIM security status will be corrupted & will lock out future programming attempts.

### Procedure to reset (unlock) the old ECM

- Go to Commodore, VZ, Engine, V6, (not to body)
- Select Special Functions,
- Reset ECM, a warning, unable to start the engine will be displayed,
- Press OK or ENTER,
- Enter the 4 digit security code.
- The screen will display the words, procedure successful. However, if the ECM resetting procedure is unsuccessful, confirm that you have the correct security code & try again, see note.

Continues overleaf

P0021.doc

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## Procedure to install the replacement ECM

- Go to Commodore, VZ, Engine, V6, (not to body)
- Select Special Functions,
- PIM link to ECM,
- Press OK or ENTER,
- Enter the 4 digit security code.
- The screen will display, procedure successful.
- However, if the procedure is unsuccessful, **confirm that you have the correct security code & try again see note.**

**Visit the You-tube link to see how it's done or scan QR code below**

<http://www.youtube.com/watch?v=pcSQKK-ATmM>



**Please note: The customer has three attempts to enter the correct security code. After 3 incorrect attempts the PIM will go into a security wait mode.**

**With further unsuccessful attempts the PIM will enter a locked mode.**

**The PIM will have to be unlocked if this happens. Return the ECM, BCM, PIM & the ignition key to Injectronics to have the PIM unlocked & have the PIM & ECM linked. A fee will be charged for this procedure.**

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