

Injectronics

Remanufactured Automotive Electronics Components

TECHNICAL BULLETIN

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

Make: Holden

Model: Commodore

Subject: ABS dash light flashes

Many Vehicles are now fitted with ABS Modules which fit directly onto the ABS Solenoid/Pump/Valve body assembly. On VT to VY Commodores, a common complaint for drivers is that the dash warning lights such as the ABS, Tracoff, Airbag and Oil light intermittently come on or stay on; and that both cooling fans are staying on. The dash cluster warning chime may also be ringing and an X may appear in the climate control panel as well as the left hand dash digital display. This problem can be caused by the ABS / Traction Control module.

When the ABS Module completely fails, you will not be able to access the fault codes or serial data stream of the ABS, the Climate control or the Dash Cluster, as these 3 modules all share the same serial data line. There may be variations of the faults displayed.

A quick way of determining if your ABS module has failed is to remove the ABS connector from the module and retry reading the data from these other modules with your scan tool. The ABS and Tracoff light will be illuminated and the fans will not be running but if you can now read the fault codes and serial data from the other modules and the air bag and oil light are not illuminated, then your ABS module is most likely at fault. Your Injectronics parts reseller now stock a range of Injectronics remanufactured exchange ABS modules, including the Holden Commodore VT, VX and VY ABS / Traction control module.



Many vehicles share the same Solenoid /Pump / Valve body assembly part number, but have a different part number printed on the body of the ABS Module. The different ABS Modules may look and fit identically but it is extremely important that the correct part number/ unit is installed. The reason behind this is that each different ABS module is programmed specifically for that vehicle eg; a wagon may have a different ABS module (software program) to a sedan and a V6 may have a different module to a V8.

When calling your Injectronics parts reseller for an ABS Module, always quote the part number on the ABS Module housing and not the part number on the Solenoid/pump/valve body assembly. This will ensure you are getting the correct ABS module.



If your Injectronics parts reseller do not stock your required unit, they can organise a unit for you, from the large range that Injectronics stocks. The range of ABS modules, stocked by Injectronics, includes the vehicle makes of GMH, Ford, Mitsubishi, Volvo, BMW, Saab, Audi, VW, and Mercedes Benz. Your Injectronics parts reseller can also organise for your module to be promptly tested and repaired by Injectronics.

When sending an ABS Module to Injectronics for repair or testing there is no need to send the Solenoid/Pump/Valve body assembly, so you won't need to disconnect the brake lines or bleed the brake system. Injectronics can test the ABS Module in isolation, using its Virtual Automotive Simulator (VAS). The VAS is used to perform a full function diagnostic check on the ABS modules, to ensure the remanufacturing process has been completed to Injectronics' ISO 9001 standards.

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