

Remanufactured **BODY CONTROL MODULES**

CARDONE Remanufactured Body Control Modules are designed to meet or exceed O.E. performance. Reverse engineering provides insight into how and why the unit originally failed, allowing our engineers to identify and correct original design flaws. All critical components are re-soldered or replaced at our Philadelphia manufacturing plant and each unit is 100% computer tested to ensure reliability. CARDONE is committed to getting your vehicle back on the road with our remanufactured body control modules.

- 100% re-soldering of critical components ensures superior electrical connections, prevents intermittent failures and extends product life.
- All modules are 100% tested with automated computerized test equipment to ensure functionality and reliability.
- Each unit comes loaded with the latest O.E. software calibration available, where applicable.
- On-car validation routines ensure that modules meet all form, fit, durability and performance requirements.

Signs of Wear

- Courtesy illumination is erratic, intermittent or inoperative
- Remote keyless entry system operation is erratic, intermittent or inoperative
- Power window or door lock activation is erratic, intermittent or inoperative



- Product Description
- Features and Benefits
- Signs of Wear
- FAQs

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- Vehicle passive security system errors
- Malfunction indicator or check engine light is on
- Instrument panel cluster warning lights on intermittently or consistently
- Battery drain
- Intermittent, no-start condition
- Horn going off at random times

Product Description

Features and Benefits

Signs of Wear

FAQs

FAQs

What is a Body Control Module (BCM)?

- A body control module is an electronic control unit that monitors and controls various electronic accessories throughout the body of the vehicle.

Are there different types of BCMs?

- Yes, there are several different types of BCMs. The BCM controls the main functions of the body; however there are some BCM types that have body control functions but were given different names because they may also include other specific functions. For example, Ford vehicles have central timer, general electronic and lighting control modules. Chrysler uses both “body control module” and “totally integrated power module” to describe their BCMs. GM has always called their BCM a “body control module.”

What does a BCM control?

- BCMs control power accessories, courtesy lighting, central locking, remote keyless entry, passive start and entry, tire pressure monitoring and immobilizer systems.

Do I need special tools to install the replacement BCM?

- Some BCMs require special tools to meet programming, relearn and installation requirements while others are plug and play and do not have any special installation procedures or requirements. The best practice when installing a BCM is to refer to a vehicle specific service manual for proper module replacement procedures.

Does the replacement BCM need programming?

- Most BCMs need to be programmed by the remanufacturer or a shop equipped with the proper tools. If the replacement BCM needs programming, it must be programmed with the latest operating software and vehicle calibrations. Failure to do so may result in a no-start situation or cause certain vehicle functions to operate incorrectly. The best practice when installing a BCM is to refer to a vehicle specific service manual for proper module replacement procedures.

Does the BCM communicate with other modules?

- The BCM may communicate with other modules over a variety of protocols or buses, depending on the vehicle. There may be some other modules that a BCM interacts with over a local network for simpler functions. Some types of BCMs interact with other modules over several different protocols (Example: totally integrated power modules).

Is the BCM part of the anti-theft system?

- The BCM is often part of an anti-theft / immobilizer system. Some vehicles have separate modules for theft-deterrent and immobilizer functions.