

## Remanufactured

# ABS CONTROL MODULES

CARDONE Remanufactured ABS 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. Every CARDONE unit goes through stringent testing, ensuring like-new performance and quick reaction time when traction control is required.

- Worn-out, missing or non-functioning components are replaced with new or rebuilt components.
- Critical components are re-soldered to ensure superior electrical connections, eliminate intermittent failures and extend product life.
- 100% computer testing ensures consistent performance.
- On-car testing is done, when necessary, for validation of product reliability.

### Signs of Wear and Troubleshooting

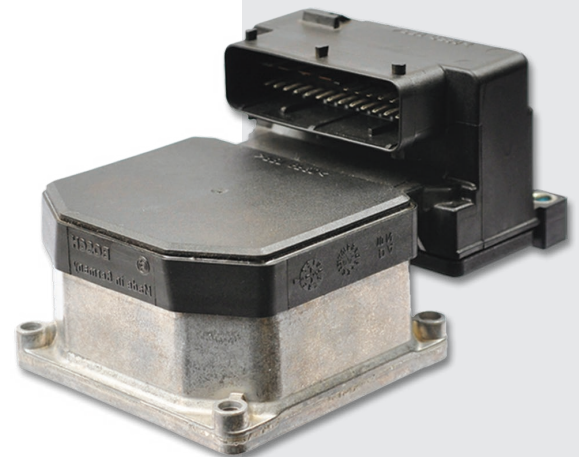
- Brake light on
- ABS light on
- Traction/Off light on
- Check Engine light on (older vehicles)
- Diagnostic Trouble Codes stored
- ABS pump runs continuously
- Unwanted ABS activation

Product Description

Features and Benefits

Signs of Wear and Troubleshooting

FAQs



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Tech Service: 888-280-8324

Rev Date: 031519

- Unresponsive brake pedal
- Brake pedal requires greater effort
- Brakes locking up

## FAQs

### What is ABS?

- ABS stands for anti-lock braking system. ABS reduces the risk of skidding by maintaining traction in an evasive or abrupt braking situation. ABS can also be an integral part of a vehicle's electronic stability control system.

### What are the most common causes of ABS problems in general?

- Wheel speed sensors that become contaminated with debris from the road or braking system and sensor wiring that becomes damaged can result in intermittent or no feedback signals to the ABS control module.

### What is the ABS Control Module and how does it function?

- The ABS control module is a microprocessor that runs diagnostic checks of a vehicle's antilock braking system. The diagnostics processes information from wheel-speed sensors and the hydraulic brake system to determine when to release braking pressure on a wheel that is about to lock up and start skidding.

### What are the most common causes of failure for the ABS Control Module?

- Road debris, salt and water intrusion are the most common causes of failure for the ABS control module.

### Is there another name for "ABS Control Module"?

- The ABS Control Module is also known as an Electronic Brake Control Module or Skid Control ECU. If the vehicle is equipped with traction control, the microprocessor may also be called the Electronic Brake Traction Control Module (EBTCM).

### Will I get a light on the instrument panel if there's a problem with the ABS Control Module?

- The Instrument Panel Cluster (IPC) illuminates the ABS indicator when the ABS control module detects an ABS-disabling malfunction. This is done when the IPC receives a Class 2 message from the ABS control module requesting illumination. The IPC will also illuminate the ABS indicator when it detects a loss of Class 2 communications with the ABS control module.

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