



ABS Control Modules

Refer to the authorized original equipment service manual for detailed installation instructions. If you do not have the experience, proper tools or manuals, please seek the services of a qualified technician.



Replacement TIME:

<1 hr

COMMON SYMPTOMS

- ABS light illuminated
- Traction/Off light illuminated
- Diagnostic trouble codes stored
- ABS pump runs continuously
- Unwanted ABS activation
- Unresponsive brake pedal
- Brake pedal requires greater effort
- Brakes locking up

BEFORE YOU INSTALL

- Please be advised that connecting or disconnecting the ABS control module wiring harness with the ignition switch in "ON" position can result in damage to the module.
- Some applications have a common chassis ground for the instrument panel cluster and ABS control module. If no diagnostic trouble codes are present, check the condition of this ground point. Clean and tighten the ground and make sure there is metal to metal contact. Use a star washer, if necessary, to ensure a good connection.



SKILL LEVEL:

Service Technician

B

or higher

TIPS

- Check ABS fuses. If a blown fuse is found, check for deteriorated or broken insulation in the wiring harness that leads from the ABS control module down to the wheels. Repair harness as needed.
- Check the brake fluid level in the brake master cylinder. Low brake fluid can turn on the brake and ABS warning lights, usually while going around corners.
- If the fluid level is OK and the brake warning light and ABS lights still come on at random times, check for diagnostic trouble codes with a scan tool.
- Use of a suitable scanner with live data pull capability is recommended for diagnosis. The user should be knowledgeable of the scan tool data parameters and output controls for the anti-lock brake system in order to make a proper diagnosis.
- Thoroughly clean all contaminants near the ABS control module. The area around the ABS control module must be free from loose dirt to prevent contamination of the disassembled ABS components.
- Take extreme care to prevent damage to locking latch when disconnecting electrical connectors from the ABS control module. Replace connector if locking latch or connector weather seal is damaged.
- Do not use any tools to pry the ABS control module from the brake pressure modulator valve assembly. A light amount of force may be required to remove the module. Gently tap at various points on ABS control module to release it.
- Clean the brake pressure modulator valve assembly and ABS control module mounting surfaces with denatured alcohol and a clean cloth.
- Do not use RTV or any other type of sealant on the ABS control module seal or mating surfaces.
- Tighten fasteners to torque specification as specified in O.E. service manual
- Some applications require tire calibration using the scan tool tire size calibration function. Please refer to a vehicle specific O.E. service manual for details.

**GOT QUESTIONS ABOUT THIS PART?
CALL 888-280-8324**

Monday-Friday