



# Installation Instructions

## AntiLock Cable Bracket Kit

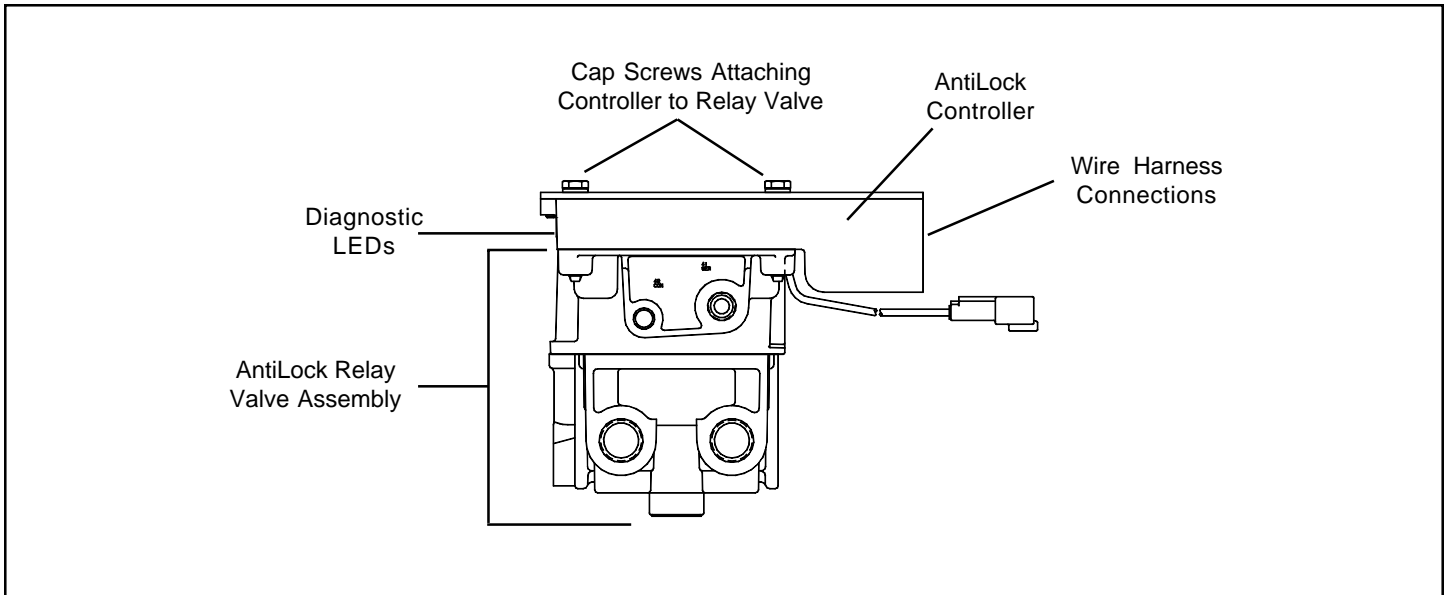


Figure 1: Typical Controller Relay Assembly

This kit contains the following parts;

<u>Qty.</u>	<u>Description</u>
2	1/4" Screws
1	Screw Driver
1	Dielectric Grease Tube
1	Wire Harness Bracket

### GENERAL

This kit is designed to retrofit a wire harness bracket to the AntiLock Controller assembly.

### **IMPORTANT! PLEASE READ AND FOLLOW THESE INSTRUCTIONS TO AVOID PERSONAL INJURY OR DEATH:**

When working on or around a vehicle, the following general precautions should be observed at all times.

1. Park the vehicle on a level surface, apply the parking brakes, and always block the wheels.
2. Stop the engine when working around the vehicle.
3. If the vehicle is equipped with air brakes, make certain to drain the air pressure from all reservoirs before beginning ANY work on the vehicle.
4. Following the vehicle manufacturer's recommended procedures, deactivate the electrical system in manner that removes all electrical power from the vehicle.

5. When working in the engine compartment the engine should be shut off. Where circumstances require that the engine be in operation, **EXTREME CAUTION** should be used to prevent personal injury resulting from contact with moving, rotating, leaking, heated, or electrically charged components.
6. Never connect or disconnect a hose or line containing pressure; it may whip. Never remove a component or plug unless you are certain all system pressure has been depleted.
7. Never exceed recommended pressures and always wear safety glasses.
8. Do not attempt to install, remove, disassemble or assemble a component until you have read and thoroughly understand the recommended procedures. Use only the proper tools and observe all precautions pertaining to use of those tools.
9. Use only genuine Bendix replacement parts, components, and kits. Replacement hardware, tubing, hose, fittings, etc. should be of equivalent size, type, and strength as original equipment and be designed specifically for such applications and systems.
10. Components with stripped threads or damaged parts should be replaced rather than repaired. Repairs requiring machining or welding should not be attempted unless specifically approved and stated by the vehicle or component manufacturer.
11. Prior to returning the vehicle to service, make certain all components and systems are restored to their proper operating condition.

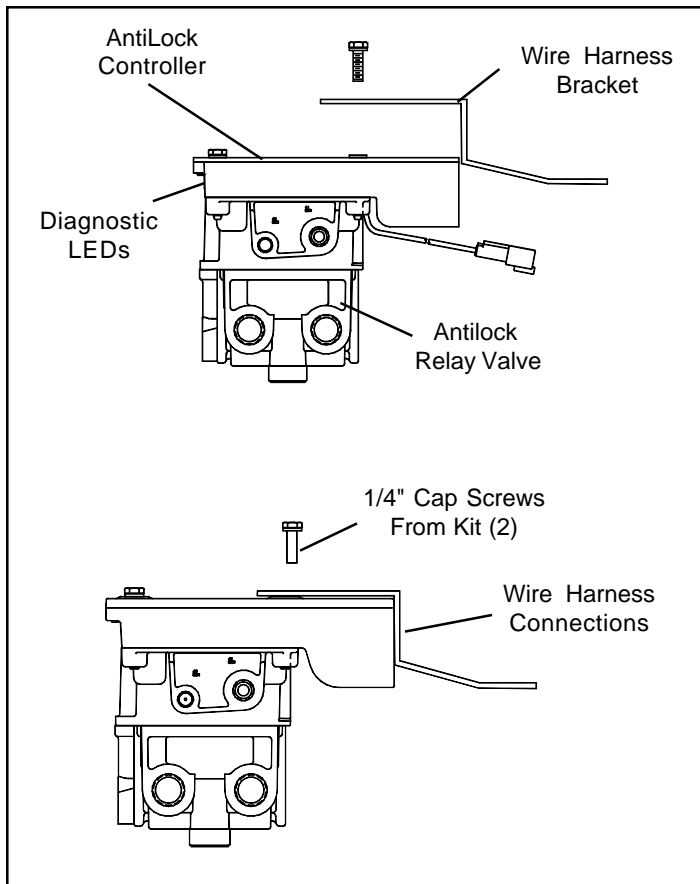


Figure 2: Wire harness bracket installation

#### DISASSEMBLY

The AntiLock controller is generally valve mounted, as illustrated in figure 1.

1. Locate the AntiLock controller on the vehicle.
2. Remove as much contamination as possible from the exterior of the controller relay valve assembly.
3. With vehicle ignition OFF, loosen the jack screws on both electrical connectors and carefully disconnect the electrical connector(s) from the controller.
4. Remove and discard the two cap screws closest to the electrical connectors that secure the controller to the AntiLock relay valve.

*(NOTE: Do not use an impact wrench for removal.)*

**Important;** Check the cap screws that secure the controller to the valve body for the presence of corrosion and its severity. If in doubt as to the severity of the corrosion, use a penetrating oil (Note; Use a silicone fluid such as WD-40 or Dow Corning 316 silicone release spray. Other penetrating oils may damage the controller). VERY LIGHTLY TAP the head of the cap screw to "work" the oil into the corroded threads. It is good practice to wait several minutes and repeat the process before attempting to remove the screws.

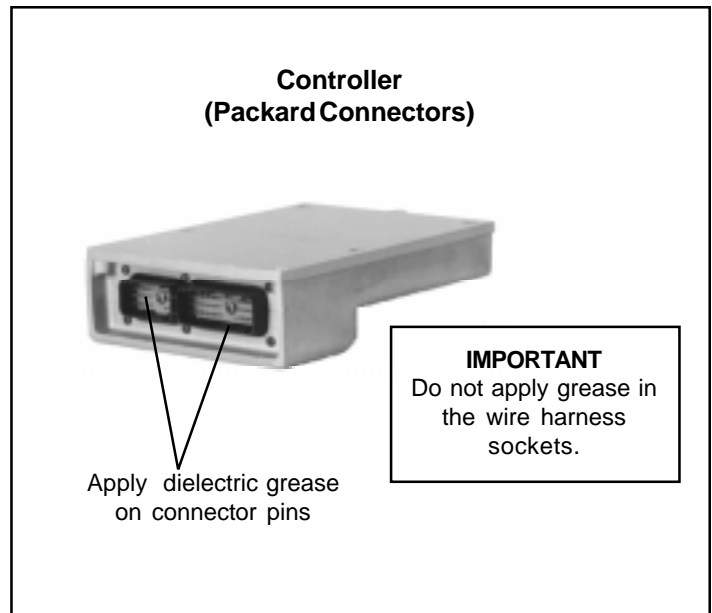


Figure 3 Dielectric Grease Application

#### INSTALLING THE WIRE HARNESS BRACKET

1. Position the wire harness bracket on the AntiLock controller as illustrated in figure 1. Using the two new cap screws provided secure the bracket on the controller. Torque the cap screws to 50-80 inch pounds.
2. BEFORE RECONNECTING the WIRE HARNESS(ES) to the controller assembly, it is necessary to apply a dielectric grease to the PINS on the controller. The purpose of the dielectric grease is to inhibit corrosion between the metal surfaces of the pin and its socket. Apply the grease, supplied in this kit, so that each **pin** of the connector is coated when the connector halves are assembled.
3. Carefully reconnect the electrical connectors to the controller. Tighten each connector jack screw to 7 - 13 inch pounds.
4. Tie wrap the wire harness to the bracket.
5. Using the vehicle service manual, test the AntiLock system for proper operation prior to placing the vehicle in service. Begin by performing the "Initial Start-up Procedure". The magnet on the end of the screw driver provided in this kit can be used during troubleshooting to clear the diagnostic display. Should you have any questions please call 1-800-247-2725.