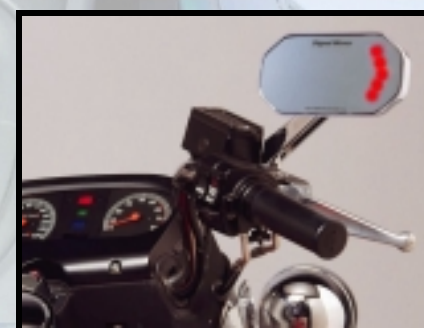
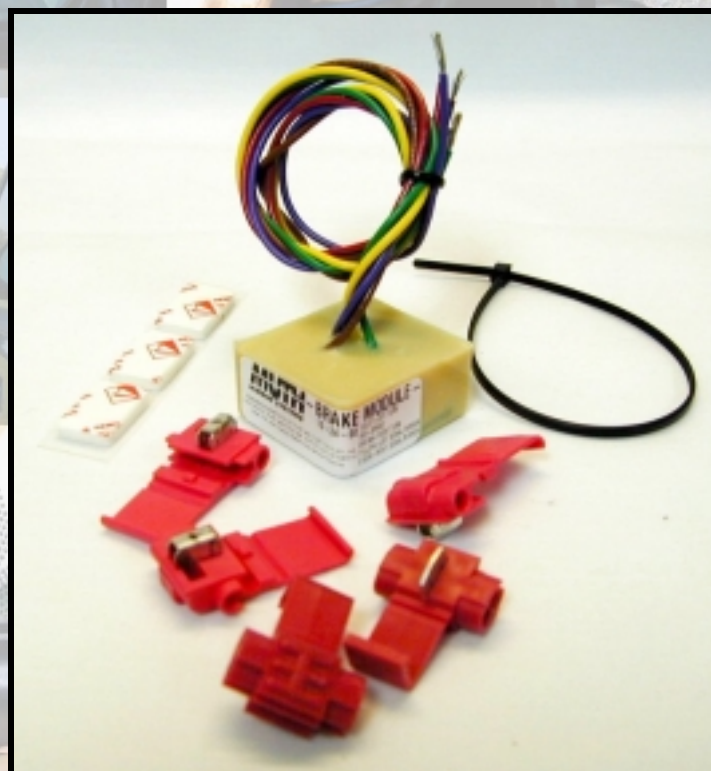


**MUTH**  
**MIRROR SYSTEMS**



## ***Brake Module Installation Instructions***

**TO BE USED WITH MUTH SIGNAL<sup>®</sup> MIRRORS**



***THE safety accessory of the 21<sup>st</sup> Century.***

P/N 200-0117

Rev D (4-19-02), GG

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Please read instructions prior to installation.

## Note: Professional Installation Recommended

Warranty does not cover damage to the vehicle or mirror housing due to improper installation. The following installation instructions are to be considered as a guide only. Door removal procedures, signal wire color and location may have changed since publication of these instructions. The installer is responsible for any damage that may occur during installation.

### **INCLUDED ITEMS:**

(1) brake module w/wire harness, (5) wire taps, (3) pieces of double-sided foam tape, (1) nylon cable tie, and (1) instruction manual.

### **REQUIRED TOOLS:**

Wire crimper, stripper, Masking tape, Multimeter, Sturdy gloves, and Safety glasses (goggles).

### **PROBLEMS OR QUESTIONS?**

Technical Assistance is available by calling

Muth Mirror Systems at:

1-800-844-6616

Monday through Friday

Between 8:00 a.m. and 5:00 p.m. CST

Or through the Muth web site:

[www.kwmuth.com](http://www.kwmuth.com)

Or via E-mail: [techsupport@kwmuth.com](mailto:techsupport@kwmuth.com)

### **IMPORTANT NOTICE!**

### **READ THIS FIRST!**

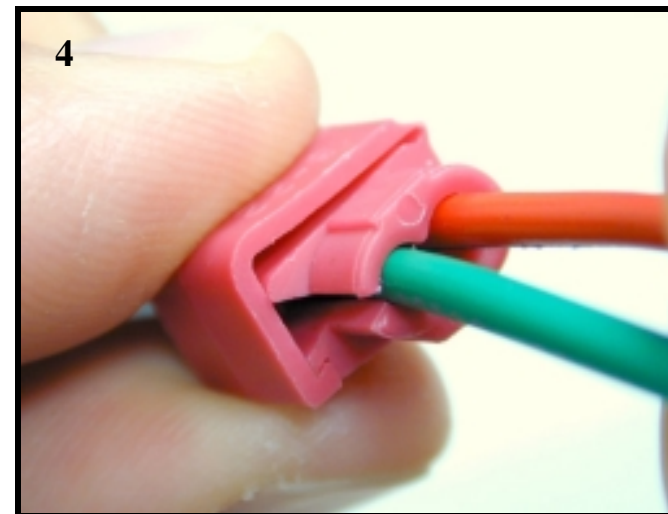
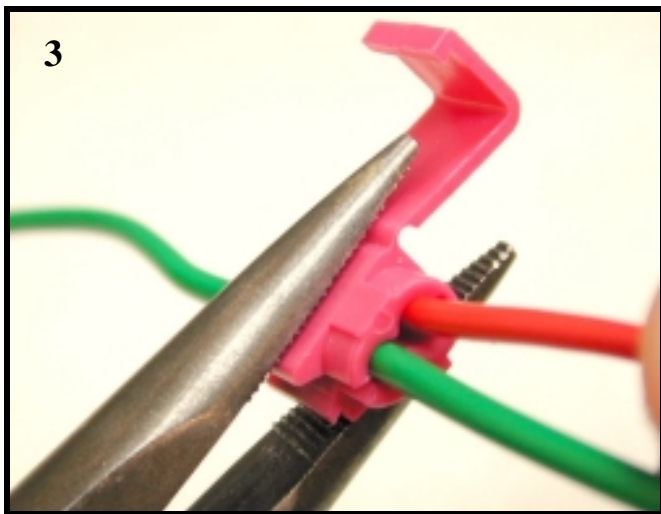
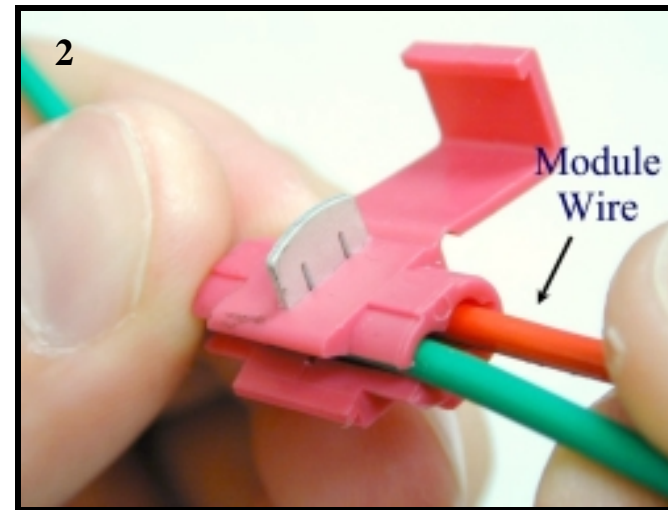
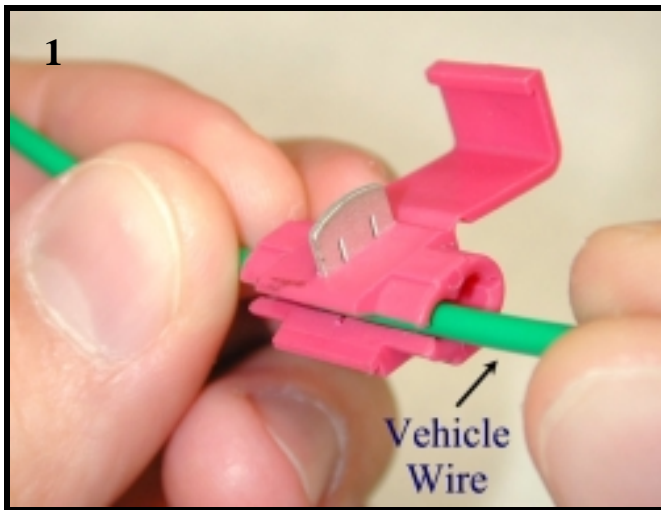
**THE MUTH BRAKE MODULE IS TO BE USED ONLY WITH MUTH SIGNAL® MIRRORS. USING THE MUTH BRAKE MODULE WITH ANYTHING OTHER THAN MUTH SIGNAL® MIRRORS MAY DAMAGE THE MODULE! DO NOT USE WITH THE MUTH MULTIFUNCTION MODULE.**

If you are installing the Muth brake module along with a **NEW** Signal® Mirror installation, **DO NOT** connect the positive (red) wires from the Signal® Mirror wire harnesses to the vehicle's turn signal wires. Instead, connect them directly to the Muth brake module's wire harness.

If you are installing the Muth brake module as an add-on to an **EXISTING** Signal® Mirror installation, you will have to disconnect the positive (red) wires from the Signal® Mirror wire harnesses and connect them directly to the Muth brake module's wire harness.

Locate the vehicle's brake and turn signal wires before starting the installation. Turn signal wires in automobiles are usually located on the driver side behind a kick panel or underneath the dash, however, some turn signal wires are also found on the passenger side.

**NOTE:** LED brake lamps can adversely affect the operation of the Brake Module, resulting in the off-side Signal® Mirror flashing very dimly when the opposite side turn signal is on. This condition can be corrected by adding a 100ohm resistor from the brake input wire of the module to ground or chassis of the vehicle. The resistor should be rated 2 watts or greater – for example, Radio Shack #271-135.



**USE THE INCLUDED WIRE TAPS AND FOLLOW THE FOUR STEPS ABOVE TO SPLICE INTO THE BRAKE AND TURN SIGNAL WIRES**

1. Tap the vehicle's brake wire to the RED wire on the brake module.
2. Tap the vehicle's LEFT turn signal wire to the PURPLE wire on the brake module.
3. Tap the vehicle's RIGHT turn signal wire to the BROWN wire on the brake module.
4. Tap the POSITIVE (non-black) wire from the LEFT Signal<sup>®</sup> Mirror wire harness to the YELLOW wire on the brake module.
5. Tap the POSITIVE (non-black) wire from the RIGHT Signal<sup>®</sup> Mirror wire harness to the GREEN wire on the brake module.
6. Activate the brake and each turn signal to verify that the Signal<sup>®</sup> Mirrors are working.

