



# *Signal*® Mirror Installation Instructions for Motorcycle

1996-2001 BMW R1100RT, 2002-2004 BMW R1150RT



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

**Please read instructions prior to installation.**

**INCLUDED ITEMS:**

- (1) Left hand *Signal*® mirror with wire harness
- (1) Right hand *Signal*® mirror with wire harness
- (2) Nylon cable ties
- (2) Foam discs
- (1) Installation Instruction Manual

**REQUIRED TOOLS:**

Slotted head screwdriver  
Needle nose pliers  
Masking tape  
Multimeter  
Sturdy gloves  
Safety glasses or goggles



**PROBLEMS OR QUESTIONS?**

Technical Assistance is available by calling  
Muth Mirror Systems Technicians 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.muthco.com](http://www.muthco.com)

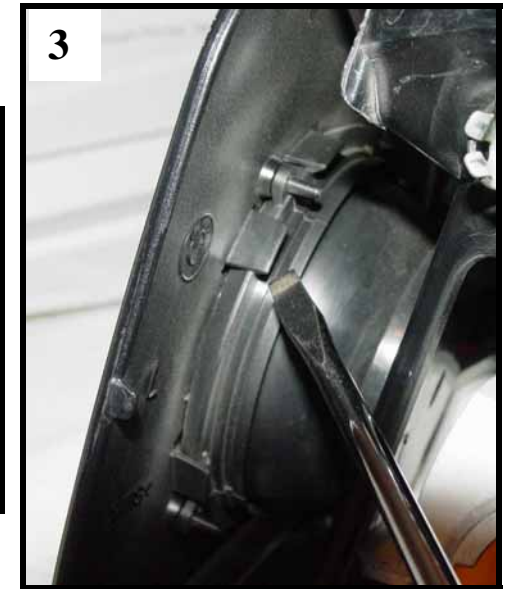
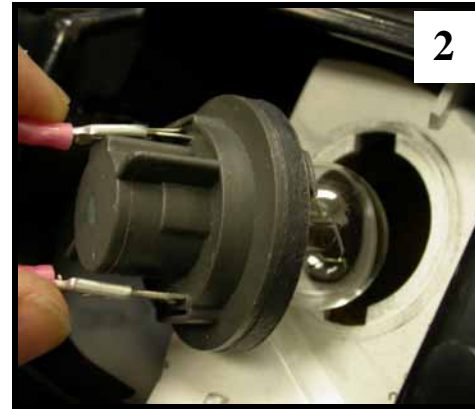
Or via E-mail: [techsupport@muthco.com](mailto:techsupport@muthco.com)

**Professional Installation Recommended:**

Warranty does not cover damage to the vehicle or mirror housing due to improper installation. Muth Mirror Systems, LLC (MMS) assumes no responsibility with regard to the accuracy of this information. MMS assumes no liability or responsibility resulting from improper installation, even in reliance upon this information. Proper installation is the responsibility of the installer. It is your responsibility to verify any circuit before interfacing with it using a digital multimeter.

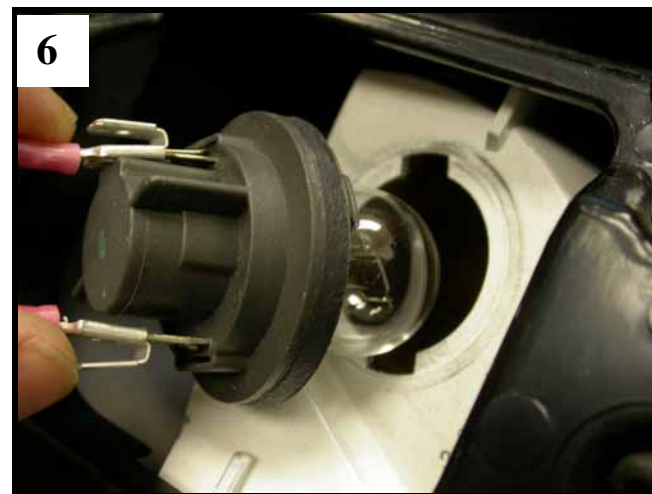
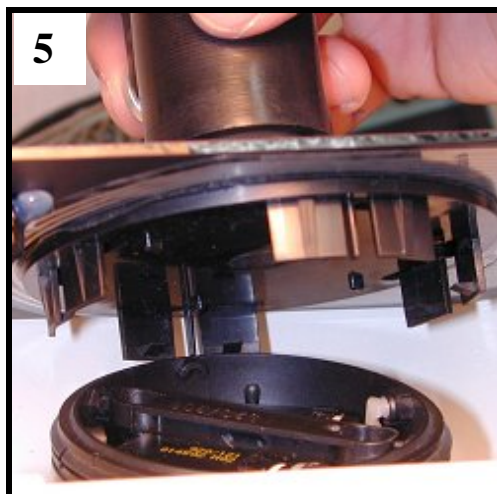
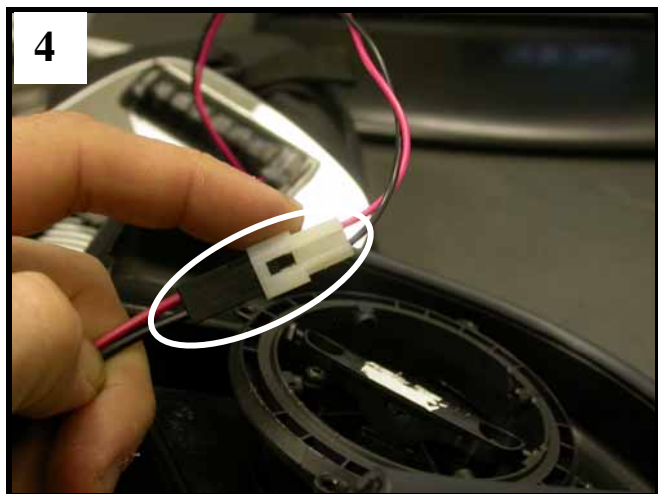


# Mirror Replacement

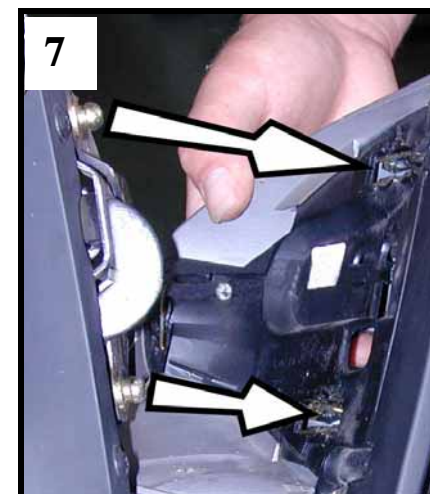


1. These instructions start with the right side mirror. Grab the mirror housing as shown and slowly push down to disengage housing from motorcycle.
2. Once you have the mirror housing removed partially, twist and remove the light bulb from mirror housing. Remove mirror housing and set it on a cloth covered surface.
3. Remove the factory mirror by inserting a slotted screwdriver against each mirror mount snaps. Slowly twist and pry each snap until it releases from motor actuator. Repeat process until factory mirror disengages. **NOTE: Insert the slotted screwdriver as close to each of the snaps as possible before prying out the OE mirror. Not doing so may cause the crossbar on the motor actuator to break.**

## Mirror Replacement Continued



4. Connect the two mating connectors from the adapter *Signal*® mirror wire harness and the new *Signal*® mirror wire harness. Cut a slot in the foam disc to accommodate the anti-vibration prongs on the motor adapter. Place the foam disc onto the center of the *Signal*® mirror motor interface. Connect the *Signal*® mirror mating connector to the *Signal*® mirror wire harness.
5. Remove Cap Sheet from two-sided adhesive disc on back of *Signal*® mirror. Align the anti-rotation prongs found on the top and bottom or left and right with the corresponding slots on the motor mount. Use the palm of your hand, push down on the *Signal*® mirror and the mirror housing until the *Signal*® mirror motor mount is fully engaged. **Note: Push firmly on all sides of the *Signal*® mirror to ensure proper engagement and travel. Not doing so could result in mirror falling off.**
6. Locate the light bulb and carefully disconnect the original light blue with black stripe wire [hot wire]. Connect the red wire from the *Signal*® mirror wire harness to the spade terminal on the light bulb. Connect the original light blue with black stripe wire to the other spade terminal located on the red wire of the *Signal*® mirror wire harness. Repeat the process for the original brown wire and the black wire from the *Signal*® mirror wire harness [ground wires]. Insert the light bulb back into the mirror housing.
7. Align the 3-pins with their corresponding snap holes and snap the mirror housing into place.
8. Insert key into the ignition and turn to the "ON" position. Activate the right hand turn indicator to verify that the new *Signal*® mirror is working correctly. Replace any other accessories necessary.



**Muth products are protected by these, and other pending, United States Patents**

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