



Signal® Mirror Installation Instructions

Honda Goldwing 1800 M.C., 2018+



THE safety accessory of the 21st Century.™

P/N 210-0082-3

Rev C (1/30/20), PV

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Please read instructions prior to installation.

Before you install: You will need the **Show Chrome Isolator Fuse Block** to properly install your **Muth Signal® mirrors**. You can order this unit through Muth Mirror Systems by calling 1-800-844-6616 Monday through Friday, 8am-5pm.

INCLUDED ITEMS:

- 1 left hand *Signal*® mirror
- 1 right hand *Signal*® mirror
- 2 under-seat harnesses
- 6 zip ties
- 1 instruction manual

REQUIRED TOOLS:

- Philips head screwdriver
- Allen wrenches
- Sturdy gloves
- Safety glasses or goggles
- Plastic Pry Tool

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:
shop.muthco.com

Or via E-mail: techsupport@muthco.com

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. Indicator wire color and location may have changed since publication of these instructions. The installer is responsible for any damage that may occur during installation.



1. Remove bottom cover from mirror. The cover is secured by one 5mm Allen screw.



2. Remove the 2 mirror housing mounting screws.



3. Disconnect the harness plug.



4. Place mirror housing on a clean, protected work surface. Unsnap bottom of mirror by prying firmly in an upward direction until the bottom of mirror unsnaps.



5. Rotate the exposed (bottom) of the motor actuator downward with a pry bar placed on the bottom, middle (this will require a good deal of force). Unhinge the top of mirror and set mirror aside.



6. Remove the push pin from the inboard side of the housing shell by pressing in the center of the push pin and then pry out the pin by its flange.



7. Remove the 2 Phillips screws which hold the black facia in place on the mirror housing.



8. Unsnap rear facing facia with a screwdriver or pry bar on the inside where it is hooked and remove facia.



9. Route the connector end of the 10" jumper harness through the housing opening as shown.



10. Once the 10" jumper harness has been routed into position, zip tie the harness end that is outside of the housing into place as shown. Do not fully tighten the zip tie until after step #14.



11. Loosely set the black facia back into place and ensure that the connector end of the 10" jumper harness is positioned near the center of the mirror housing actuator.



12. Connect the Signal® Mirror harness to the jumper harness connector as shown. The Signal® Mirror harness is routed through the top-side of the facia



13. Snap the black facia back into place, being careful to conceal the connectors into the area shown.



14. Ensure that the Signal mirror harness is not trapped before re-assembly of mirror housing. Correct positioning of wire is shown. Fully tighten the zip tie from step #10 at this time



15. Snap the facia back into place on the mirror shell and replace the 2 screws.



16. Replace the push pin at the inboard side of the housing.



17. Insert the hinge hooks of the top of the mirror into the top openings of the housing actuator, then support the bottom of the actuator with a plastic pry tool and snap bottom of mirror into place.



18. Connect the under-seat harness to the 10" jumper wire at this time and re-attach the mirror housing to the motorcycle, but do not fully tighten the housing.



19. Remove the rear side panel below seat (unsnap back first).



20. Remove (2) 6mm Allen screws from the front of the seat



21. Carefully lift off the front of the seat



22. Unplug the seat heater connection



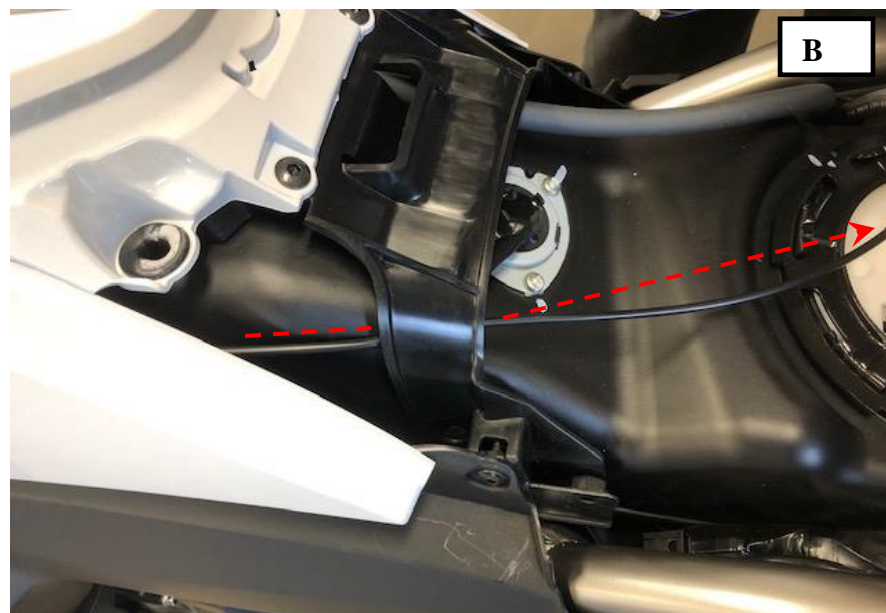
23. Wiggle the seat forward and remove seat.



24. Remove one silver screw by mirror mounting area.



19. Unsnap the panel from the back first. **It may feel like it will break, but it won't.** There are two mushroom snaps that must be pulled from their rubber grommets. See this video for more information <https://www.youtube.com/watch?v=7o2SYGBWp4M&t=225s>. Do not pull the panel out too far or some interior push pins could become dislodged. If this happens, remove the side deflector and the inner cowl to locate the pins to replace them. This process is described in the following video: <http://bit.ly/Muth2018Goldwing>



25. Insert a fish wire through the area shown. Once the wire is inserted through (photo A), tape the end of the under-seat harness to the side of the fish wire that is by the mirror side of bike and pull through. Route the harness under the seat hook bracket (photo B).

26. At this point, lightly reattach the mirror and re-attach front panel and lower, rear trim panel. **Refer to the Show Chrome Isolator instruction sheet to connect the Isolator fuse block and to connect the under-seat harness to the Isolator fuse block.**

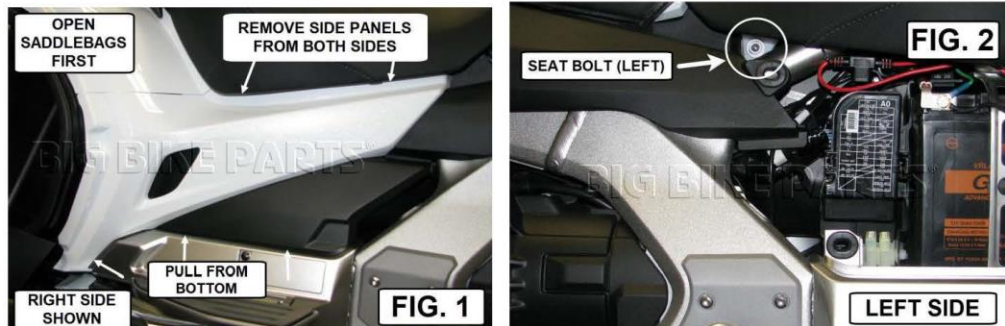
INSTALLATION INSTRUCTIONS

ELECTRONIC FUSE BLOCK

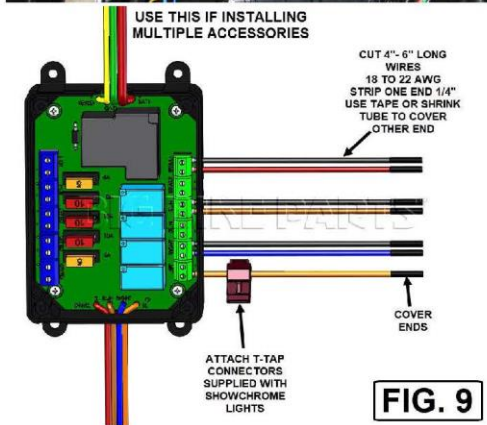
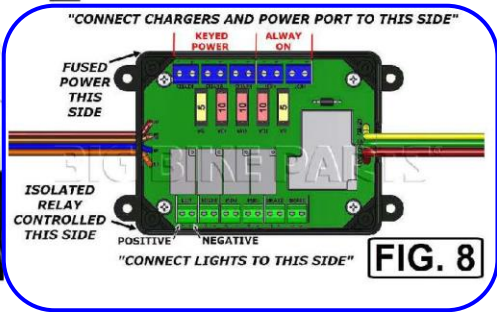
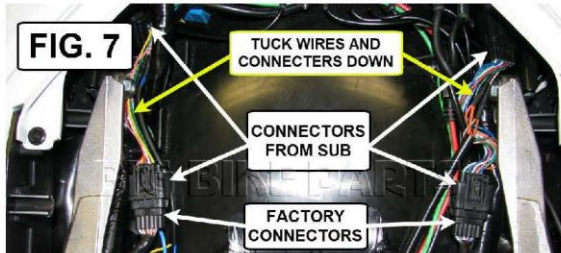
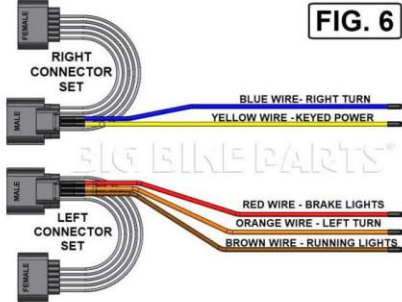
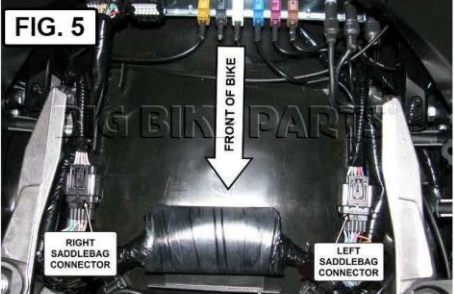
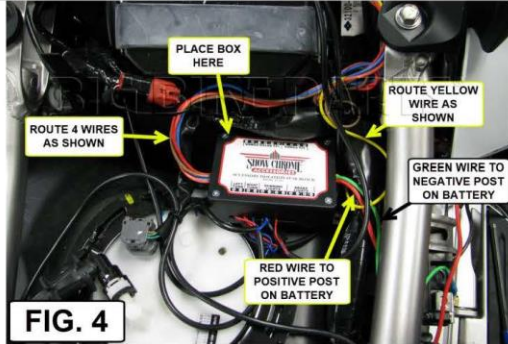
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DO NOT EXCEED 20 AMPS TOTAL WHEN ADDING ACCESSORIES.

18. USING A PHILLIPS SCREW DRIVER REMOVE THE FOUR SCREWS AND COVER FROM THE ISOLATOR BOX.
19. USING FIG. 8 AS A GUIDE TO LEARN WHAT EACH TERMINAL CONNECTOR IS TO BE USED FOR WHEN ATTACHING ACCESSORIES. **NOTE: THE ISOLATOR BOX COVER ALSO HAS A DIAGRAM FOR THE TERMINAL BLOCKS.**
20. CONNECT THE POSITIVE WIRES FROM YOUR ACCESSORIES TO THE TERMINALS MARKED (+) IN THE LOCATION YOU WANT.
21. CONNECT THE NEGATIVE WIRE TO ANY OF THE TERMINALS MARKED (-) AS THESE ARE ALL COMMON.
22. IF INSTALLING OR PLANNING ON MULTIPLE ACCESSORIES USE METHOD SHOWN IN FIG. 9 FOR A CLEAN AND SAFE INSTALLATION.
23. REPLACE COVER AND FOUR SCREWS.

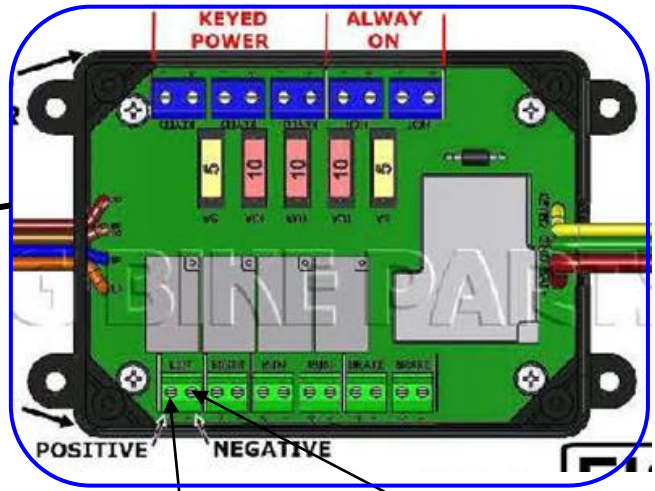


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NOTICE

IGNORING THE CONTENTS OF THESE INSTRUCTIONS MAY AFFECT THE PRODUCT PERFORMANCE AND FUNCTIONALITY. NOT FOLLOWING THESE INSTRUCTION MAY CAUSE DAMAGE TO THE PRODUCT OR THE VEHICLE TO WHICH IT IS BEING ATTACHED.



Red wire of Muth under-seat harness to positive (+)

Brown wire of Muth under-seat harness to negative (-)

Note: To insert the wires into the fuse box, the screws of the wire insertion points must be loosened, then retightened once the wires have been inserted

Note: The fuse block must be situated in the area shown in the **Figure 4** photo so that the seat features clear the box upon seat re-installation.

27. Ensure that the wiring and fuse box is secured under the seat with wire ties, and that the seat and rear side trim panel have been reinstalled and secured. Tighten the mirror housing and replace the bottom cover.

Install time = 1-2 hours.

ENJOY YOUR SIGNAL MIRRORS!!

PROFESSIONAL INSTALLATION RECOMMENDED

Warranty does not cover damage to 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.

WARRANTY STATEMENT

The Signal® Mirror is warranted to be free from defects in materials and workmanship for a period of three years or 36,000 miles (whichever comes first) from date of sale to original purchaser. This warranty excludes labor, broken glass, or other situations that cause harm to the product after it has been shipped from the factory, such as damage, unreasonable use, modifications, or alterations. In the event of a defect, Muth reserves the right to evaluate the problem through Quality Control and, at Muth's discretion, replace the defective product. Any warranty or replacement part will be charged to the customer when shipped. Credit will be given when the defective part is returned to and received by Muth, and the replacement is warranted.

Muth products are protected by these, and other pending, United States Patents: 6,076,948; 6,257,746; 7,104,676; 7,327,321; 6,749,325; 7,241,037; 7,192,172; 7,273,307; 7,416,318; 6,045,243; D394,833; D409,540; D428,373; D426,506; D430,088; D426,507; D428,372; D429,202; D428,842; D425,466; D427,128