



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

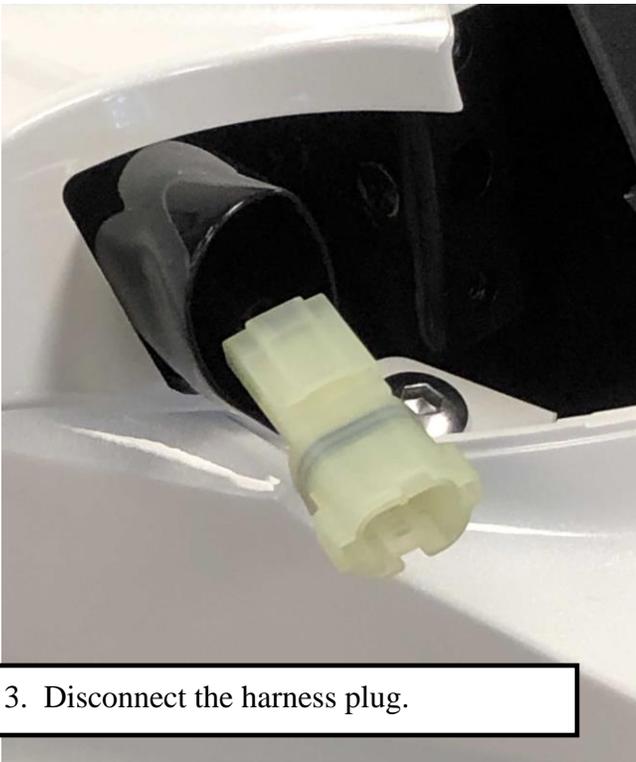
Warranty does not cover damage to the vehicle or mirror housing due to improper installation. The following installation instructions are to be considered as a guide only. Indicator wire color and location may have changed since publication of these instructions. The installer is responsible for any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



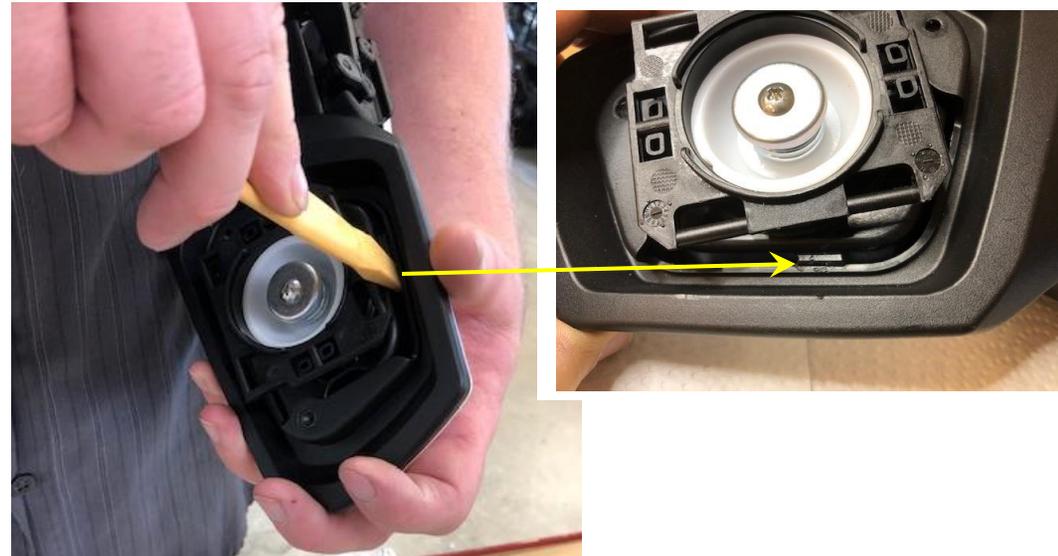
5. Rotate the exposed (bottom) of the motor actuator downward with a pry bar placed on the bottom, middle (this will require a good deal of force). Unhinge the top of mirror and set mirror aside.



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.



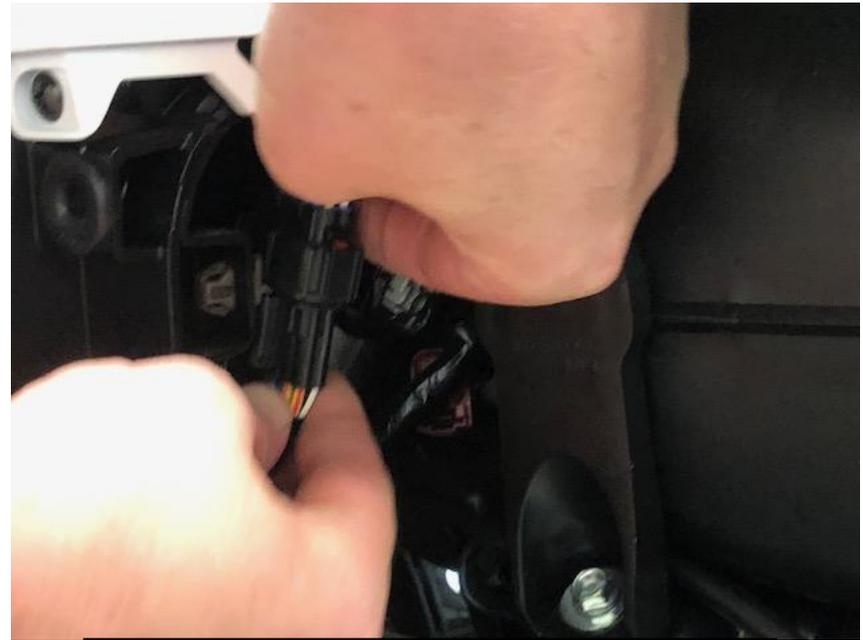
19. Remove the rear side panel below seat (unsnap back first).



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



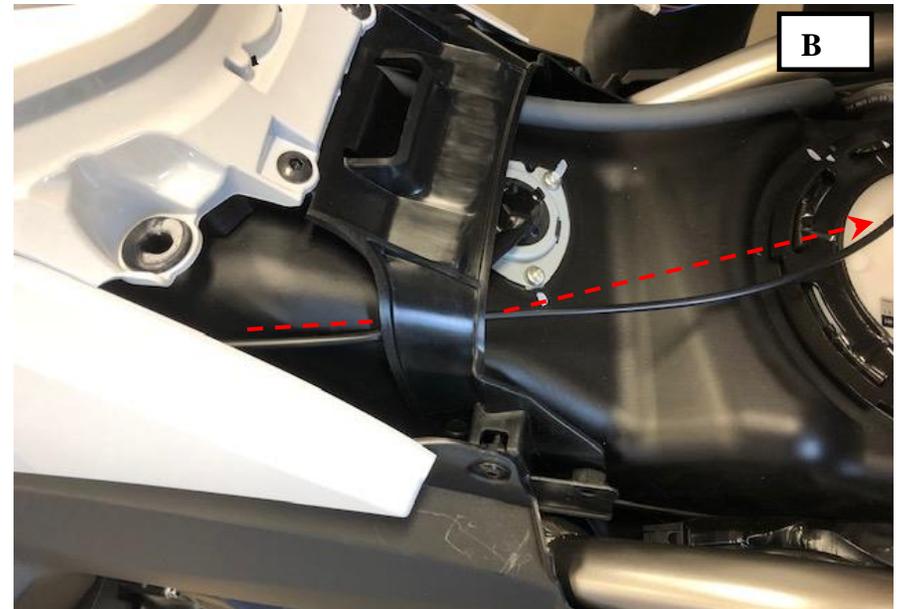
23. Wiggle the seat forward and remove seat.



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.**

BIG BIKE PARTS

INSTALLATION INSTRUCTIONS

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PART NO. 52-942

ELECTRONIC FUSE BLOCK

8/1/2019

FITMENT: HONDA GOLDWING/GOLDWING TOUR 2018-NEWER

TOOLS NEEDED:	PHILLIPS SCREWDRIVER	SMALL FLAT SCREWDRIVER	WIRE CUTTER/CRIMPER	PLIERS	HEAT GUN
	6MM ALLEN WRENCH	ELECTRICAL TAPE (SEE FIG. 9)			

PLEASE READ THROUGH AND UNDERSTAND THESE INSTRUCTIONS BEFORE BEGINNING.

ESTIMATED INSTALLATION TIME: 30 TO 45 MIN.

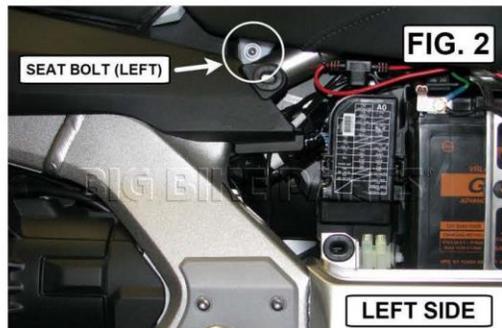
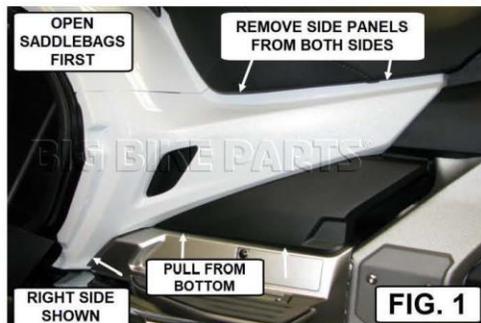
DO NOT EXCEED 20 AMPS TOTAL WHEN ADDING ACCESSORIES.

INSTALLATION:

1. OPEN BOTH SADDLEBAGS AND REMOVE THE SIDE COVER FROM EACH SIDE OF THE BIKE (FIG. 1).
2. USE A 6MM ALLEN WRENCH TO REMOVE THE TWO SEAT BOLTS (FIG. 2 SHOWS LEFT SIDE). UNPLUG THE SEAT HARNESS CONNECTOR ON THE RIGHT SIDE OF THE BIKE (FIG. 3) AND REMOVE THE SEAT BY LIFTING THE FRONT AND PULLING FORWARD TOWARDS THE FRONT OF THE BIKE.
3. DISCONNECT BOTH THE POSITIVE AND NEGATIVE CABLES FROM THE BATTERY.
4. PLACE THE ISOLATOR BOX IN THE AREA SHOWN IN FIG. 4.
5. ON THE SIDE OF THE ISOLATOR BOX WITH 3 WIRES, ROUTE THE RED AND THE GREEN WIRES UNDER THE FRAME AND TO THE TOP OF THE BATTERY.
6. ROUTE THE YELLOW WIRE FROM THE ISOLATOR BOX TOWARD THE REAR OF THE BIKE INSIDE THE FRAME AS SHOWN IN FIG. 4.
7. ROUTE THE 4 WIRES FROM THE OTHER SIDE OF THE ISOLATOR BOX TOWARD THE BACK OF THE BIKE AS SHOWN IN FIG. 4. USE SUPPLIED WIRE TIES AS NEEDED TO SECURE THE WIRES.
8. LOCATE THE LEFT AND RIGHT SADDLEBAG CONNECTORS (FIG. 5) AND DISCONNECT BOTH LEFT AND RIGHT SADDLEBAG CONNECTORS.
9. USE FIG. 6 TO DETERMINE LEFT AND RIGHT ACCESSORY SUB-HARNESS PLUGS.
10. INSERT THE LEFT CONNECTOR FROM THE ACCESSORY SUB-HARNESS TO THE LEFT SADDLEBAG CONNECTORS AS SHOWN IN FIG. 7.
11. INSERT THE RIGHT CONNECTOR FROM THE ACCESSORY SUB-HARNESS TO THE RIGHT SADDLEBAG CONNECTORS AS SHOWN IN FIG. 7.
12. TUCK THE CONNECTORS AND WIRES DOWN AND OUT OF THE WAY SO THEY DO NOT GET PINCHED OR PULLED WHEN SEAT IS INSTALLED (FIG. 7). *USE SUPPLIED WIRE TIES TO SECURE WIRES AS NEEDED.*
13. USE THE BLUE WIRE SPLICES SUPPLIED TO CONNECT THE FOUR WIRES FROM THE LEFT SIDE OF THE FUSE BLOCK (SEE FIG.8) TO THE ACCESSORY SUB-HARNESS. MATCH THE CORRESPONDING COLORED WIRES FROM THE ISOLATOR BOX TO THE SUB-HARNESS. THEN CONNECT THE YELLOW WIRE FROM THE RIGHT SIDE TO THE YELLOW WIRE ON THE SUB-HARNESS. *NOTE: TRIM WIRES FROM THE ISOLATOR BOX TO DESIRED LENGTH BEFORE ADDING SPLICES. DO NOT CUT WIRES FROM ACCESSORY SUB-HARNESS OR REMOVE CAPS ON THE ENDS OF THE WIRES.*
14. CUT THE RED WIRE FROM THE ISOLATOR BOX ROUTED TO THE BATTERY TO THE DESIRED LENGTH AND STRIP THE END. *(BE SURE WIRE IS LEFT LONG ENOUGH TO REACH POSITIVE BATTERY TERMINAL).*
15. CRIMP ONE OF THE SUPPLIED RING TERMINALS ON THE RED WIRE FROM THE ISOLATOR BOX.
16. REATTACH THE BIKES POSITIVE CABLE AND INCLUDE THE RED WIRE FROM THE ISOLATOR BOX.
17. CUT THE GREEN WIRE FROM THE ISOLATOR BOX TO THE DESIRED LENGTH AND STRIP THE END. *(BE SURE WIRE IS LEFT LONG ENOUGH TO REACH NEGATIVE BATTERY TERMINAL).*
18. CRIMP A RING TERMINAL ON THE END OF THE GREEN WIRE FROM THE ISOLATOR BOX.
19. REATTACH THE NEGATIVE CABLE ON THE BIKE AND INCLUDE THE GREEN WIRE FROM THE ISOLATOR BOX.
20. REASSEMBLE BIKE IN REVERSE ORDER.

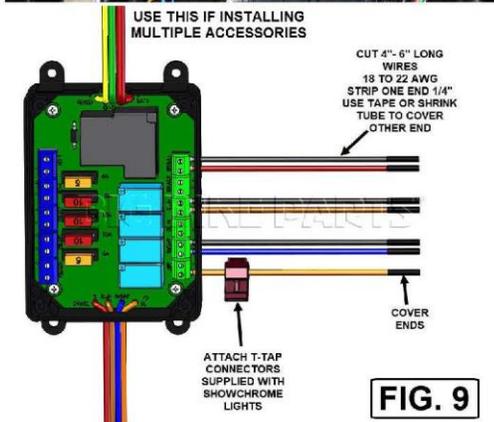
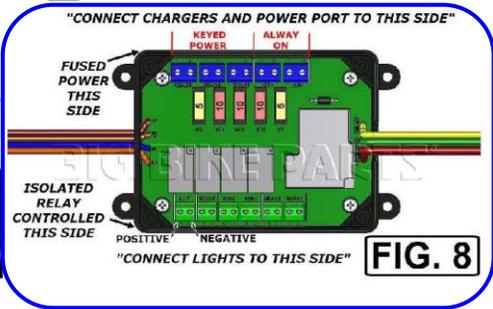
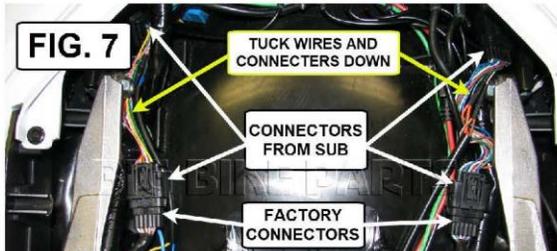
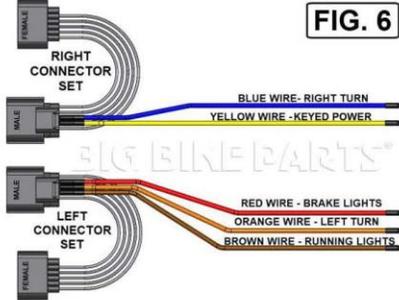
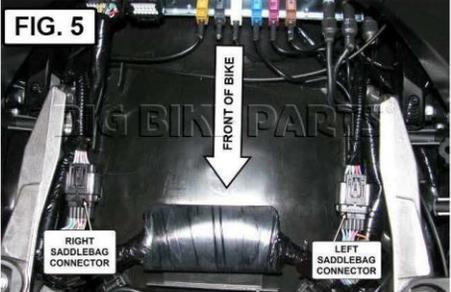
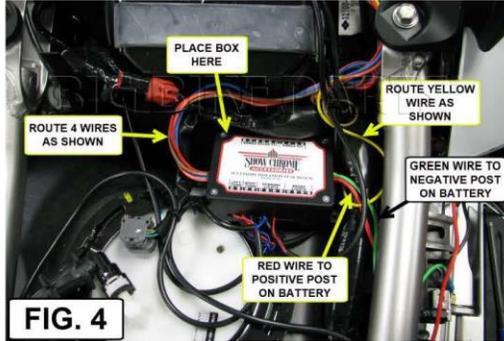
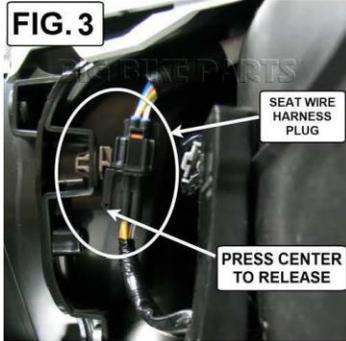
INSTALLING ACCESSORIES:

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.



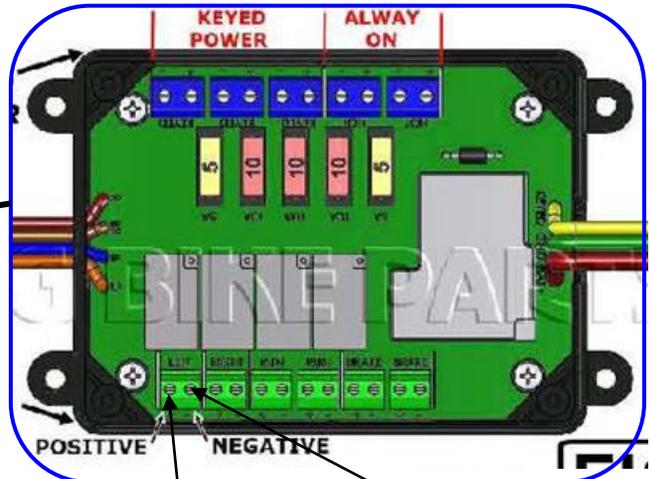
Muth Under-Seat Harness Wire Color:

Red = Positive (+)
Brown = Ground (-)



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