



INSTALLATION INSTRUCTIONS

Radio and Speaker Installation: Part # 19474-00, 59725-00

Model Fit: Universal

⚠ WARNING

Please read and understand these instructions completely before installation to avoid possible injury to yourself or damage to the accessory or vehicle. If you are unsure of your ability please seek the help of a qualified mechanic.

Tools Required: #2 Phillips Screwdriver, #1 Phillips Screwdriver, 7mm wrench, test light or multi-meter.

Special Note: When referring to Right or Left, these are always from the seated position on the motorcycle once component is installed.

1. Preparation:

- Place motorcycle on a secure stand and cover tank and fender with a towel to prevent damage.
- Access battery and remove both wires positive and negative (+ and -).
- Locate a clean padded area to lay down the inner fairing during radio and speaker installation

2. Installation of Radio Head Unit (as shown on page 3 of Fusion RA-200 installation manual):

- Insert the radio unit through the mounting gasket and into the mounting hole of the inner fairing.
- Using a #2 Phillips head screwdriver and the 4 supplied Phillips head self tapping screws affix the unit into position.
- Attach screw cover plates on face of radio unit.

3. Installation of speakers:

- Insert 4 of the supplied Phillips head screws (supplied with speaker kit) through the grill mounting flange and into the speaker. Note: align assembly so the small triangle on the grill flange is located at the top FIG 1.
- Insert the speaker, and grill mounting flange, into the fairing and install 4 of the supplied lock nuts onto the Phillips head screws. Tighten screws/nuts using #2 Phillips screwdriver and 7mm wrench; repeat for other speaker (See FIG 2)

FIG. 1

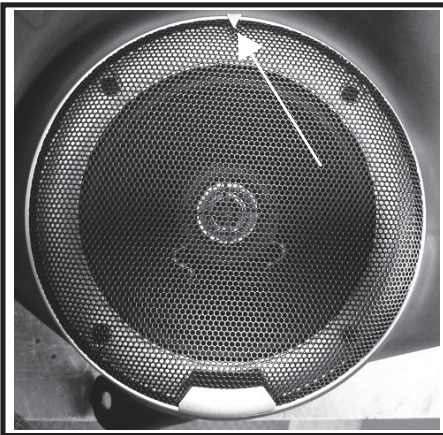


FIG. 2

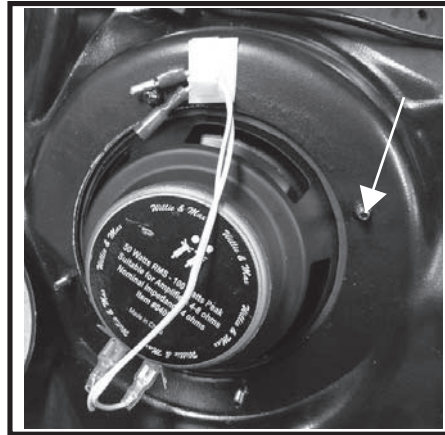
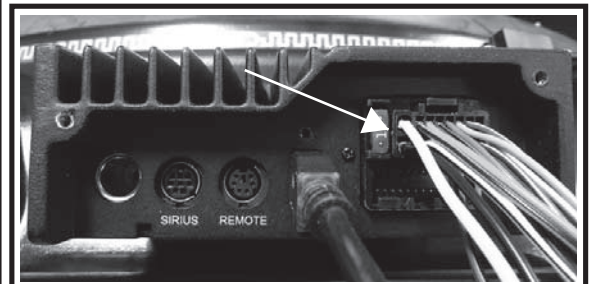


FIG. 3



- Snap outer grill covers into place over the speakers
- If you purchased the radio separate you will need to install the bullet connectors onto the radio wire harness. Crimp the (3) female bullet connectors onto the grey, white, & blue/white wires. The (2) male bullet connectors should be crimped onto the grey/black & white/black wires. If these are not correct, the short speaker wires (shown in FIG 2) will not attach correctly and the speakers may not work.
- Install the Grey & Grey/Black speaker wires onto the right speaker and the White & White/Black speaker wires onto the left speaker. Note the wires have different sized connectors to ensure they are placed onto the proper terminal on the speaker (See FIG 2).

4. Wiring the Radio and Speakers

- Plug radio harness into Port A on the rearside of the radio (as shown on page 5 of Fusion installation manual, also FIG 3)
- Route the Grey and Grey/Black wires to the right speaker and connect to the mating bullet connectors. Repeat for the White and White/Black wires to the left speaker.
- The adhesive backed wire looms, provided with kit, can now be installed approximately as shown in FIG. 2, see arrow. Be sure to wipe mounting area with alcohol wipe supplied in antenna kit before adhering the wire looms. The speaker wires can then be routed through the looms.
- In order to power the radio, you will need to install positive (+) and negative (-) wires from the radio to the motorcycle's battery. These wires are already connected to your radio. Route the ends of the wires from the fairing area to the battery; you may need to loosen the tank mount in order to position the wires out of sight and so they are securely fastened away from the heat of the engine. The red wire with the inline fuse should be connected to the positive (+) terminal of the battery and the black wire should be connected to the negative (-) terminal. Secure the wires to the motorcycle frame. Install supplied fuse in inline fuse holder.



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(Continued)

- You must now find a wire on the motorcycle that only has power when the ignition switch is turned on. Usually, one of the wires going to the headlight or front turn signals will work for this. A jumper wire will need to be installed between the switched 12V wire you just found, and the red (ignition) wire on harness A of the radio. This connection can be made with the supplied blue splice connector. *Note: if the wire has power with the ignition in the off position, the radio will need to be shut off manually, separate from the ignition switch, or you will risk draining the battery.*
- The remaining wires from harness A can be tied up out of the way using electrical tape or plastic tie straps. Make sure none of the wires are exposed so they can inadvertently make contact with each other.
- Test lights before moving to the next step.

5. USB and Antenna installation

- Plug the male end of the USB into the back of the radio and install the supplied metal bracket, the bracket has an open slot that traps the USB cable and keeps it from falling out. Install the small Phillips head screw through the metal bracket and into the radio using #1 Phillips screwdriver (see FIG 7).
- Included in this kit is a black cable holder with adhesive backing that can be mounted where convenient for storage of excess USB cable; before adhering be sure to wipe mounting area clean with alcohol. FIG 4 shows a suggested location to place the cable holder; this may not be the best place on your motorcycle.
- The antenna provided in the kit is installed by:
 - Using the supplied alcohol wipe to remove contaminants from mounting surface
 - Remove backing material from antenna and mount strip on inner fairing in area just between the windshield mounting area and the top of the speaker pods (approximately as shown in FIG 5)
 - NOTE: THE ADHESIVE USED IN THIS APPLICATION IS VERY STRONG AND IS ONLY MEANT FOR ONE SINGLE APPLICATION
 - Route antenna wire through the wire loom and insert plug into aerial input on radio (see FIG 6)
 - Test for reception after wiring power to radio
 - After reception is confirmed, properly reassemble fairing according to Fairing Installation Instructions

FIG. 4

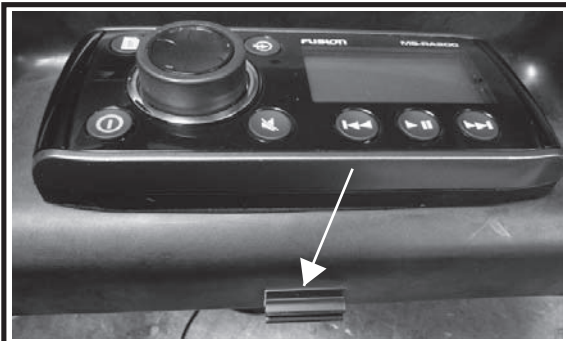


FIG. 5

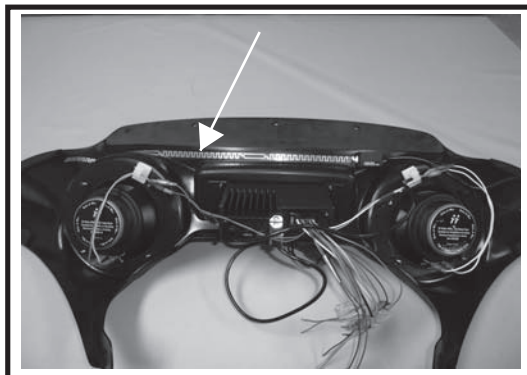


FIG. 6

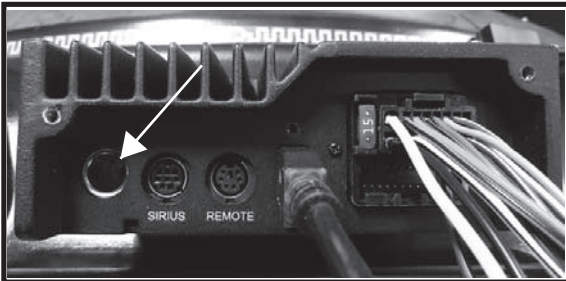
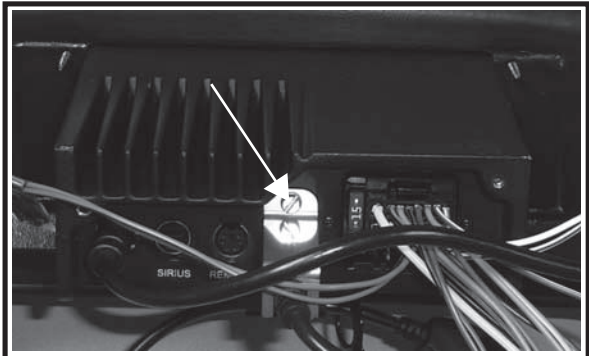


FIG. 7



Customer Service:

If you are having any problems with your Willie & Max product, please contact us by email at custserv@willieandmax.com or visit our website www.willieandmax.com.