

Stebel Nautilus Compact Air Horn Mounting and Wiring Instructions for Honda Gold Wing GL1500

Read all of the instructions before you begin the installation work.

Supplies Needed:

- 5 Feet of Red Primary Wire, 16 AWG
- 3 Feet of two conductor control cable, 16 AWG Gray Sheath
- 5 Insulated Push-On .250 Blade Terminals, 16 AWG, Blue (Turquoise) Female
- 1 T-Tap, 16 AWG, Blue
- 1 16 AWG Butt Connector, Blue
- 1 Ring Terminal, Blue Insulation, 16 AWG, (3/8")
- 1 ea. Mini-Fuse Inline Fuse Holder
- 1 ea. ATM-20 Twenty Amp Blade Type Mini-Fuse

Wiring Tools Needed:

- Wire Cutter
- Wire Stripper
- Wire fishing tool (make your own using a 4' nylon wire tie, cut the head off the wire tie and drill a hole in both ends)
- Terminal Crimping Tool for 16 AWG and 18 AWG Terminals

NOTE: These instructions assume that you know the proper technique for stripping the insulation and crimping various terminals onto the wires.

NOTE: These instructions assume that you know the proper technique for removing and replacing various components of the motorcycle.

1. Remove the left side fairing storage pocket.
2. Remove the front lower cowl to gain access to the old horns.
3. Disconnect both of the old horns.
4. Plug the left side horn connections onto the parallel pins of the supplied relay. Turn on the motorcycle ignition switch and test the operation of the relay by pressing the motorcycle horn switch. You should hear the relay "click".
5. On one end of the control cable, strip approximately 3 inches of the Gray sheath off the cable, exposing the Red and Black wires. Strip approximately ¼ inch of insulation off each wire and crimp on an Insulated Push-On .250 Blade, 16 AWG Blue (Turquoise) Female Terminals on each wire.
6. Plug the Red wire onto the air horn positive (+) terminal, plug the Black wire onto the air horn negative(-) terminal.

7. Place the air horn into the fairing cavity with the horn trumpets facing up. You may pad the air horn with foam rubber or other material if you wish but make sure the horn trumpet openings are clear..
8. Fish the other end of the control cable through the motorcycle to the left side relay location.
9. Replace the storage pocket
10. Remove approximately one foot of Gray sheath from the control cable. Crimp one Insulated Push-On .250 Blade Terminal, 16 AWG, Blue (Turquoise) Female to the Red wire. Plug the Red wire onto one of the remaining terminals of the relay (doesn't matter which one).
11. Crimp one Insulated Push-On .250 Blade Terminal, 16 AWG, Blue (Turquoise) Female to the Black wire.
12. Attach the Blue T-Tap connector to the Green ground wire of the motorcycle. This wire is visible with the lower cowling removed and approximately in the center of the motorcycle attached to the frame.
13. Plug the Black wire of the control cable into the T-Tap terminal.
14. Fish a Red 16AWG wire from the battery compartment under the top shelter and down to the left side relay position.
15. Crimp one Insulated Push-On .250 Blade Terminal, 16 AWG, Blue (Turquoise) Female to the Red wire. Plug this wire into the remaining terminal of the relay.
16. Using the Blue, 16 AWG Butt connector attach the Red wire to one side of the ATM In-Line fuse holder.
17. Crimp one insulated ring terminal to the battery compartment end of the ATM In-Line fuse holder. You may make this terminal into a split ring terminal by cutting a small segment out of the ring.

WARNING: You should not connect the Blue ring terminal of the fuse holder to the motorcycle Positive (+) terminal of the motorcycle battery until all other connections are made and secure. Failure to heed this warning can result in an electrical short which may cause fire or damage to the motorcycle electrical system.

18. Loosen the bolt on the Positive (+) terminal of the motorcycle battery and carefully attach the Blue ring terminal of the fuse holder to the Positive (+) terminal of the motorcycle battery.
19. Turn on the motorcycle ignition and test the air horn operation.

