

**Sport Bike Air Shifter Wire Harness Installation Instructions**  
**Suzuki Hayabusa**



- 1) Tilt the fuel tank back.
  - 2) Remove the air box
  - 3) Locate the orange and black wire leads running to the horn
  - 4) Disconnect the horn leads and feed them back through the hole in the chassis
  - 5) Remove the rear and front seat sections
  - 6) Mount MPS Sport Bike Electronic Engine Kill in rear compartment
  - 7) Mount MPS Electric Air Valve in rear compartment
  - 8) Starting from the back of the harness plug in the 6 conductor connector with the 4 brown wires and the 3 conductor connector with the red, blue, and black wires from the harness into the matching connector on the MPS Sport Bike Electronic Engine Kill
  - 9) Crimp the supplied female pin connectors onto the 2 wires on your Electric Air Valve (if you don't have the right crimpers you can smash and solder them)
  - 10) Push the female pin connectors into the 2 conductor plastic housing already plugged into the harnesses 2 conductor red and blue leads (it doesn't matter which wire goes where)
  - 11) Route the wire harness along the left side of the chassis up to the steering head
  - 12) Connect the black wire with ring connector to the battery ground
  - 13) Use the scotch lock connectors to connect the 4 brown wires to the negative side of each coil (the gray wires are the positive side - connect to the wires with tracers)
  - 14) Plug the red/orange male spade connector into the orange female spade from the stock horn leads
  - 15) Plug the green male spade connector into the black female spade from the stock horn leads
  - 16) Drill a 1/4" hole in your inner cowling and mount the shifter arm switch
  - 17) Route the green, black, blue wires from the shifter arm switch along the throttle cables and plug into the 3 conductor plastic connector in the harness
  - 18) Route the orange and black leads with the female spade connectors through the chassis and plug into the horn's male spade connectors (it doesn't matter which wire goes where)
  - 19) Wire tie all wires securely
  - 20) Replace air box and fuel tank
  - 21) Replace front and rear seat sections
  - 22) Your arm switch will work your horn in one direction and your air shifter in the other
- If you have any more questions we have a Frequently Asked Questions page at our web site as well as the telephone tech support. Thank you for your purchase of this MPS product. All products sold by MPS are for use at closed course competition events and not for use on public streets or highways.