

Sport Bike Air Shifter Wire Harness Installation Instructions
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- 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
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