



**Thank you for purchasing this instrument from Intellitronix. We value our customers!**

## **INSTALLATION GUIDE**

**Automatic Headlight Switch**

**Part Number: HL10001**

**\* Always disconnect the battery *before* attempting any electrical work on your vehicle.\***

**Use of this switch will automatically turn on your headlights when the wipers are engaged, even during daylight hours. (*In some states, this is a requirement.*) It will not interfere with normal headlight operation.**

### **KIT COMPONENTS**

- ◇ One (1) Pre-wired switch box – to be installed beneath dashboard on driver’s side of vehicle.
- ◇ One (1) Pre-wired Light Sensor – installed through 16 mm (5/8”) hole cut through top of dashboard.
- ◇ One (1) Mounting Kit
  - \* *Two each, (2)10/24 Screws, Lock washers and Nylon Nuts*

### **WIRING INSTRUCTIONS**

***Note: Automotive circuit connectors are the preferred method of connecting wires. However, you may solder if you prefer.***

**Vehicle Ground – Black** This is the main ground for the display system. A wire should be run from this board to the vehicle’s main engine block ground. (If additional wire is needed, use 18 AWG or larger wire to ensure sufficient grounding.)

**Vehicle Power - Red** Connect the power terminal to accessory +12V power from the fuse panel or vehicle wiring harness. This terminal should have power when the key is on or in accessory position. Use 18 AWG wire to ensure the system receives a sufficient power feed.

**Brown** Disconnect normal parking light switch ground, connect to brown wire in AutoHeadlight Switch box.

**Tan** connect to ground on parking light switch.

**Solid green** This is the ground ( in from headlight switch) connect to the green wire in AutoHeadlight box.

**Green/yellow** Connect to the ground on vehicle headlight switch.

**Gray** Terminate Button - This is the double gray wire connected to a small, accessible switch, which will deactivate the auto switch, when desired.

**Blue** - Connect directly to the 12v side of the wiper motor. This allows the headlights to turn on when the wipers are activated.

**Orange/Purple** Plug into connector on provided separate light sensor, AFTER installation onto dash.

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## **Technical Support**

**Monday - Friday  
9am to 5pm EST**

(440) 210-7646

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**This product carries a limited Lifetime Warranty.**

**This warranty is limited to replacement or repair of the unit at the discretion of Intellitronix.**