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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. dash bored
- ◇ 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 – Connect to vehicle ground. Use 18 AWG or larger wire to ensure sufficient grounding. Proper vehicle grounding is extremely important for any gauges (or electronics) to operate correctly. The engine block should have heavy ground cables to the battery, frame, and firewall. Failure to properly ground the engine block, senders, or digital dash can cause incorrect or erratic operation.

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.

PARK LIGHTS

Brown – Disconnect factory parking light ground wire from the vehicle and connect to brown wire on the Auto Headlight Switch box.

Tan – Connect this wire to the same ground connection that the factory ground wire was previously connected too in the vehicle.

HEADLIGHTS

Solid Green – Disconnect factory Headlight ground wire from the vehicle and connect to green wire on the Auto Headlight Switch box.

Disconnect to ground side of headlight switch and Connect to the green wire on Auto Headlight box. Note you can go to 12v side if needed.

Brown/Yellow - Connect this wire to the same ground connection that the factory ground wire was previously connected too in the vehicle.

Gray - Terminate Button - This is the double gray wire connected to a momentary switch that will deactivate or activate the auto headlight switch.

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

Orange - Included in the kit are the terminal pins and connector that plugs into the light sensor. Wire the connector to match the colors on the female connector on the sensor. We do not place them on as some customers route their wires through areas that they might become caught or snagged. Plug into connector on provided separate light sensor, AFTER installation onto dash.

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