



Intellitronix HL10001 Universal Automatic Headlight Switch Installation Guide

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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.

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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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Documents / Resources

