Made in America

Lifetime Guarantee

Intellitronix
Intelligent Electronics

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--This is the main ground for the display system. A wire should be run from this board to the vehicle engine block for the best 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.

Note you can go to 12v side if needed. Preferred method is to use Ground side of switch.

PARK LIGHTS
Brown – Disconnect normal parking light ground and Connect to brown wire in Auto Headlight Switch box.

Tan – Disconnect to ground on parking light andConnect to Tan wire in Auto Headlight Switch box.

HEADLIGHTS

Solid Green – 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 - Disconnect to the ground on vehicle headlight switch and Connect to Brown/Yellow wire in Auto Headlight Switch box

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

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.

Black/Yellow - 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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Technical Support

Monday – Friday

9am to 5 pm EST

(440) 359 7200

support@intellitronix.com

CHECK OUT THE **SUPPORT** PAGE AT

www.intellitronix.com

FOR QUICK ANSWERS (**Q&A**) TO YOUR QUESTIONS

This product carries a limited Lifetime Warranty.
This warranty is limited to replacement or repair of the unit at the discretion of Intellitronix.

RETURN POLICY PROCEDURES

Return Policy Instructions

1. Download the Intellitronix Return/Repair Form and fill in the information on the form about the product.

2. Place the product being returned in the original packaging that it came in and include a copy of the completed Intellitronix Return/Repair Form.

3. All packages must be accompanied with an RMA Number.

   Please call Technical Support at +1 440-359-7200 to receive an RMA Number.

4. Mail the product being returned with the completed Return/Repair Form and a copy of the original sales invoice.

Request for Product Refund

1. All returns for a refund must have a completed Intellitronix Return/Repair Form included in the package with the returned product.

2. If the return is for a product that is not defective a 20% restocking fee will be charged. The product must be in the same pristine condition that it was sent to you.

3. Proof of purchase is required. Please include a copy of the original sales order with the returned product.

4. All product must be returned undamaged and in working order in the original packaging including plexiglass, sending units, mounting hardware, or you will be subject to additional charges for product and accessories not returned.

5. All refunds will be reviewed by the Accounting Office.