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INSTALLATION GUIDE
Automatic Headlight Switch
Part Number: HL10001



After completing all wiring reconnect battery and power up the unit. Test all gauges before reinstalling dash, bezels, and hardware to prevent having to remove it all for any future troubleshooting.

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



KIT COMPONENTS

- One (1) Control Box – to be installed beneath dashboard on driver's side of vehicle.
- One (1) Light Sensor – installed through 16 mm (5/8") hole cut through top of dash bored
- One (1) Mounting Kit

MOUNTING KIT

- Two (2) #10-32 x 1" Panhead Machine Screws
- Two (2) #10 Nylock Nuts
- Four (4) Terminal Pins

WIRING INSTRUCTIONS

- **Black**, Wire to the vehicle engine block ground. The engine block should have heavy ground cables connected to the battery, frame, and firewall.
- **Red**, Wire to switched +12V power from the fuse panel or vehicle wiring harness. (Recommended to use at minimum a 3-amp inline fuse). This wire should have power when key-on and starting ignition.
- **Blue** - Connect directly to the 12v side of the wiper motor. This allows the headlights to turn on when the wipers are activated.

PARKING LIGHTS

- **Brown** – Disconnect factory ground wire that goes to parking lights in the vehicle and connect to brown wire on the auto headlight box.
- **Tan** – Connect this wire to the same ground location on the parking lights you just disconnected the factory ground wire from.

HEADLIGHTS

- **Solid Green** – Disconnect factory ground wire that goes to headlights in the vehicle and connect to green wire on the auto headlight box.
- **Brown/Yellow** - Connect this wire to the same ground location on the headlights you just disconnected the factory ground wire from.

LIGHT SENSOR

- **Orange Wire & Black/Yellow Wire**
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 might become caught or snagged. Plug into connector on provided separate light sensor after installation into the dash.
- **Gray Deactivate Button** - This is the double gray wire connected to a momentary switch that will deactivate or activate the auto headlight switch manually.

Note: Although the instructions have you using the grounds. It is safe to instead use the 12V supply wires if desired.

