



LED Installation Manual H1 / H3

Copyright©2017 XENTRONIC, Inc. All rights reserved.

Kit Content

- LED bulb x 2
- Driver x 2
- Factory Harness x 2

Optional Components

- 2x Warning Cancellation Units (for Non-Canbus units) (Sold separately)
- 1x Battery Power Relay connection (Sold separately)
- Adapters for mounting the bulb (applies to H1 and H7)

Getting Started



- As a safety precaution, make sure that the car has had time to cool down before starting the installation process.
- Put the vehicle into “park” and make sure it will not move during installation. Make sure to have the ignition is in the off position and the keys removed.
- Leave the protective plastic covering on the HID bulb until you install the HID bulbs.
- It is recommended to use safety glasses and gloves during installation, if substances or dirt come in contact with the LED bulb, it will greatly reduce the bulb’s lifespan.
- You may be required to drill or cut a 40mm hole into the back of the resin or rubber headlight or plastic dust cap.
- Before installation, carefully examine each component for possible cracks, loose wiring, bent frames, or anything else that may appear less than new. It is recommended to install one bulb at a time, starting battery side first.



1

Step1 Removing the Headlight Housing Cover

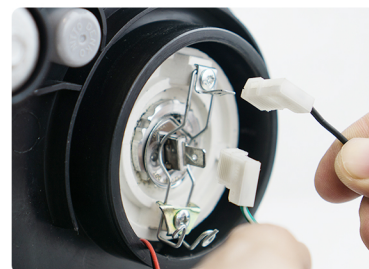
Open the hood and examine the headlight assembly for your vehicle, Depending on how much space is available to work, you may or may not need to remove the entire headlight from the vehicle.

Sealed Cover	Pre-Drilled Cover
 <ul style="list-style-type: none"> ◦ Remove the cover by physically tugging on each end until it comes loose. ◦ You will need to drill or cut a 25mm hole in the cover to allow for HID connections ◦ Unplug the headlight power cord from the light bulb 	 <ul style="list-style-type: none"> ◦ Unplug the headlight power cord from the light bulb. ◦ Remove the cover by physically tugging on each end until it comes loose.

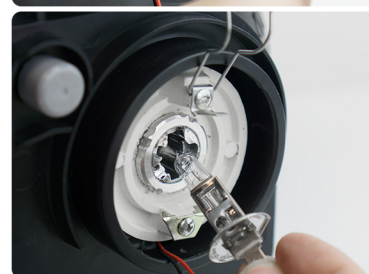
Step2 Removing the Headlight Housing Cover

- The power cords or the bulb itself will be held by one of 4 different method or latch.
- Twist Lock with Plastic Catch: Has a small lever at the top, push down on it while pulling the plug out, once the plug is out twist 1/8 of a turn to get the bulb out. Do not apply too much force as you might damage the bulb. (Applies to the following applications: H10, 9005, 9006, H11, H9, H8, 9012, 880, H13, PSX26W)

- Metal Clip: Push down and unhook, pull up and away, hold onto the clip as you pull. (Applies to most of the following applications: H1, H3, H7, H4)



- Screw Cap: Will have a small lever at the top, push down on it while pulling the plug out. Unscrew the retaining ring by turning it counter-clockwise. You can pull the bulb straight out. (Applies to most of the following applications: 9007, 9004)

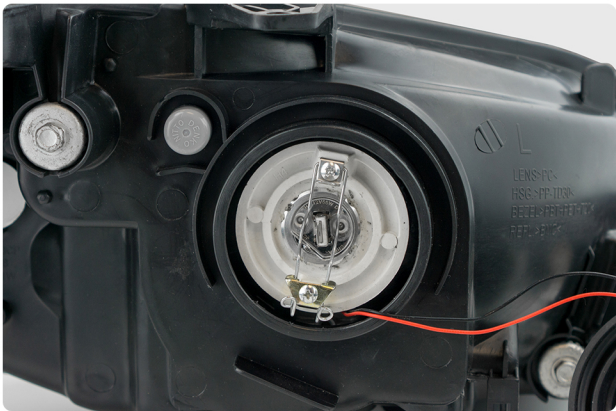


- Plastic Catch: Will have a small lever at the top, push down on it while pulling the plug out. Squeeze the bulb on both sides on the latch and pull. (Applies to most of the following applications: 5202/PSX24W/H16W)
- KEEP YOUR ORIGINAL HALOGEN BULB: Spare or backup parts are always a good thing to have.

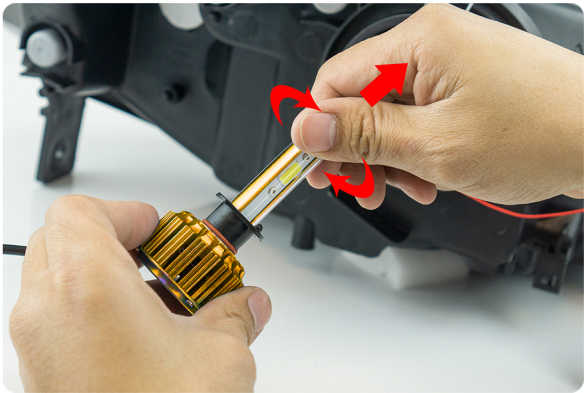
Step 3 Mounting the LED Bulb

- For all bulb sizes, remove the bulb from the boxed foam, DO NOT ALLOW ANY DUST OR OIL TO GET ONTO THE SURFACE OF THE LED BULB.

- For H1 and H3 housing, the positive (+) terminal will be a female spade connector originally connected directly to the back of the male spade connector of the H1 bulb and the end of wire loom for the H3 bulb. For most applications, the ground (-) will be located on the perimeter of the housing round or next to where the halogen bulb was. You will need to remove the crystal sleeves, twist off the base, and secure the base with the spring clip on the housing. Once secured, insert the LED bulb into the base, match the notches, push until it stops, and gently turn to lock. Once the bulb is secured, connect the female spade connectors to the male spade connectors of LED driver.



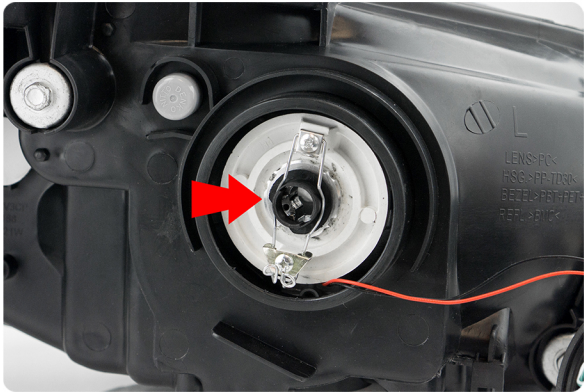
Remove the OEM Halogen bulb by unclipping the retaining spring clip



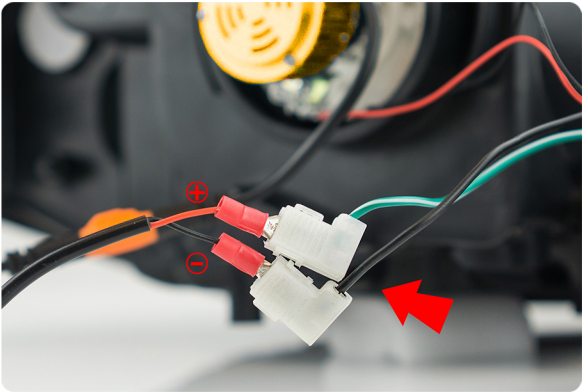
Remove the retaining screw and remove the crystal sleeve. For some H1 and H3 housing, complete removal of the retaining screw and sleeve may be necessary due to insufficient space.



Remove the base



Mount the base onto the housing and secure it with the retaining spring clip



- For some sizes, modification to the back cover/dust cover may be needed to accommodate the heat sink. If the LED heat sink sticks out too much, you will need to bore out a 40mm hole. Place the cover back over the headlight housing opening.
- Once the LED bulb is mounted and secured , connect the harness to the factory plug (the plug that connected to the OEM bulb)



Insert and twist lock the LED bulb