

Please read the reference handbook carefully before removing original car lighting from the vehicle. Please read through the entire handbook carefully before installing the HID system. Following this guide will make sure that no harm or damage comes to your vehicle.

1. As a safety precaution, make sure that the car has had time to cool down properly before starting the installation process.
2. Put the vehicle into "park" or make sure it is securely in gear.
3. Make sure to have the ignition turned off and the keys removed.
4. Be careful to avoid burns, especially when turning on or off the vehicle's lighting.
5. Be careful to avoid crushing or cutting the bulbs. Also make sure to not touch the bulbs with your fingers, as this will cause blotting.
6. Fully examine the connection of the contact points, ports and the wires as faulty connections can cause lighting problems.
7. Make certain that the end of the bulb does not come in contact with the interior light shield of the headlight when adjusting the bulb.
8. You will be required to drill a 25mm hole into the back of the resin or rubber headlight cap.
9. When connecting the bulb and the step-up transformer, do not connect the wrong electrodes.
10. Do not connect the incorrect electrodes when putting power through the step-up transformer.

### Method of installing the bulb and step-up transformer.

1. Wrap the ballast tightly with double-sided tape and make sure the two ends are firmly connected.
2. Connect the port of the bulb with the port of the power supply. (red port, black port)

### Please check on it after the installation.

1. Make sure that the wires are connected correctly and match up.
2. Also make sure to have the wires secured, but neither too loose nor too tight.
3. Be certain that there are no wires sticking out from the connection points.

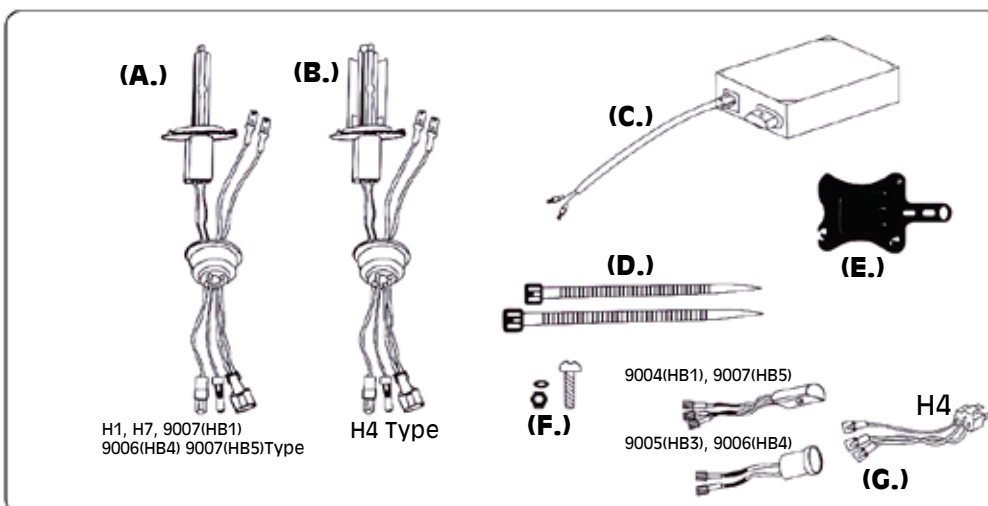
### Restoration of parts and the operation

1. Make sure that the parts taken apart for the installation are returned to their original places afterward.
2. Check on the effectiveness of the high beams and the low beams.
3. Always be sure to make sure that no other parts have been disturbed during the installation (lamps, wipers etc.).

### Malfunction solutions

1. Bulb malfunction
  - a. The high temperature on the top of the bulb may melt the interior shield.  
Solution: Separate the top of the bulb from the interior shield by 5mm using a wrench.  
Problem: This may change the focus of the light.
2. Poor light output from the beams
  - a. Lack of power input may lead to the bulb flickering or simply poor lighting.  
Solution: Adding an additional relay set will help to stabilize the electric voltage and improve the light output.  
Problem: There may be noise when the lights are turned on.

## 1. Parts Included in Kit



- (a/b) 2X 35W HID head lamps
- (c) 2X ballasts
- (d) 12X zip ties
- (e) 2X ballast brackets
- (f) 14X sets of nuts, bolts and gaskets
- (g) 1 set of wires for the power supply

*(Please make sure all parts are included in your HID Kit.)*

## 2. Installation Process

**(2a)** Please open the hood and remove the headlight assemblies on both sides. If your engine bay has enough space for you to do the installation, the headlights may not have to be removed.



Figure 2a.

**(2b)** Remove the original bulb by opening up the back cap on the headlight assembly.

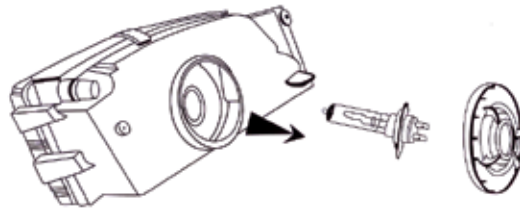


Figure 2b.

**(2c)** Insert the HID head lamp into the headlights.

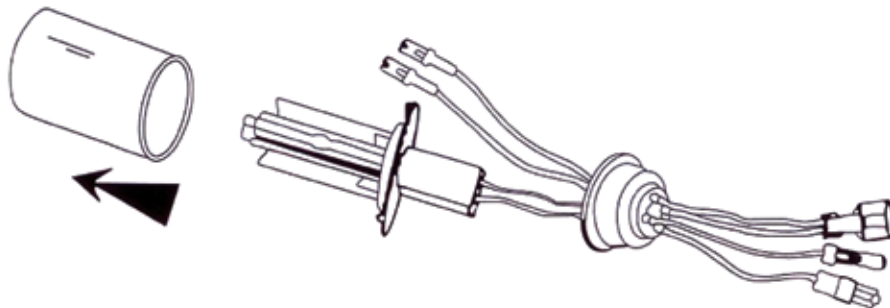


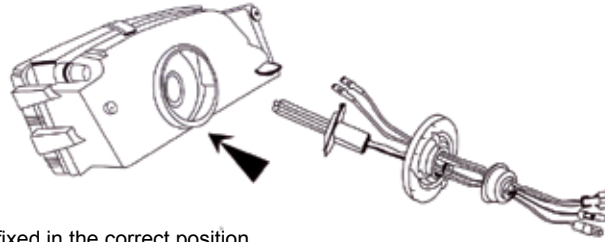
Figure 2c.

**Notice.**

- Please pay close attention to avoid any accidents during the installation.
- Do not touch the bulb with your fingers because it will leave blotting.
- Wearing gloves is a good idea, but if the bulb does become blotted, it is best to wipe it down with a dry cloth or some rubbing alcohol.

**\*Lightly remove the plastic cap and do not hit the vacuum tube.**

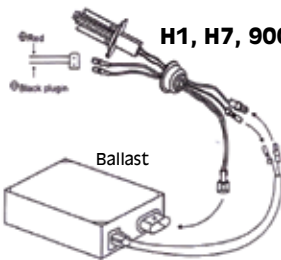
(2d) Insert the HID head lamp into the headlights.



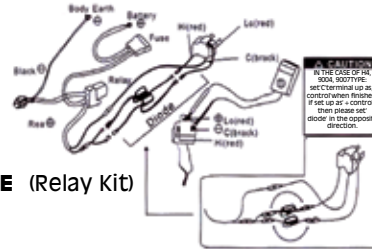
**Notice.** Please make sure the pressure spring is fixed in the correct position.

Figure 2d.

(2fe) The following diagrams are of the installation of the power supply and the related information.



**H1, H7, 9006(HB4)TYPE**



**H4, 9004, 9007TYPE (Relay Kit)**

**CAUTION**  
 IN THE CASE OF THE 9004, 9007TYPE, set terminals up as control when finished. First up 2# - control, then phase set diode in the opposite direction.

\* Please use a 20A fuse. (Fuses below 20A will melt when you turn on the lights).

In the case of - 12V(plus control): Please set diode (both of them) up in the opposite direction.

Figure 2e.

### 3. H4 Hi/Lo Bulb

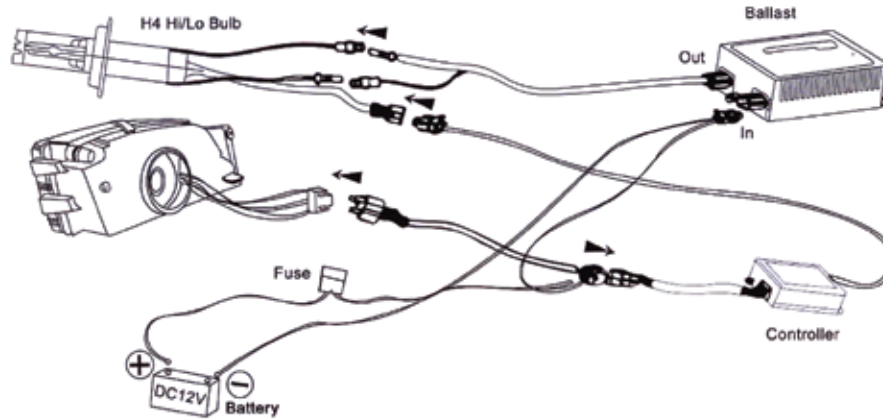


Figure 3a.

- Be sure to read all the instructions before installation.
- Make certain to check the power supply before installing the Hi/Lo light system.
- Adjust the positive and negative wires accordingly before you begin.
- Do not use too much pressure when extracting or installing the bulbs, as this may result in damage to the lights.

**(3b)** Begin by plugging the wiring harness into the rubber base and then fitting the back cap onto the assembly. When finished, close the headlight shield tightly.

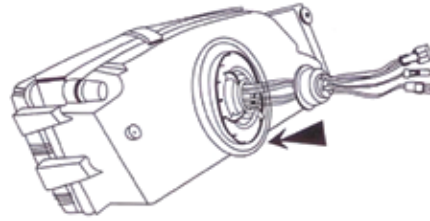
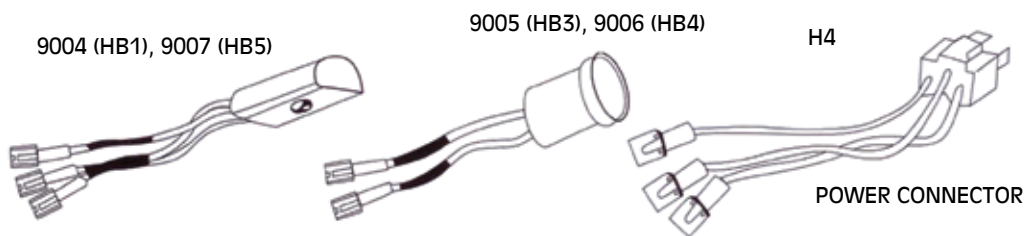


Figure 3b.

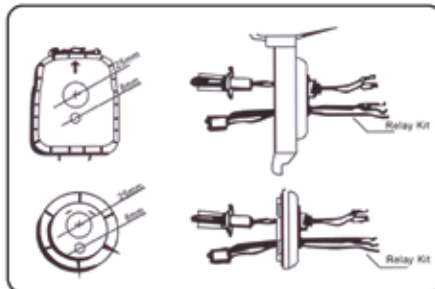
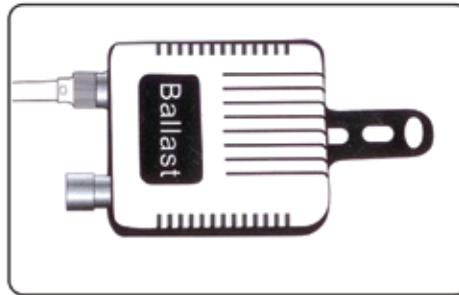
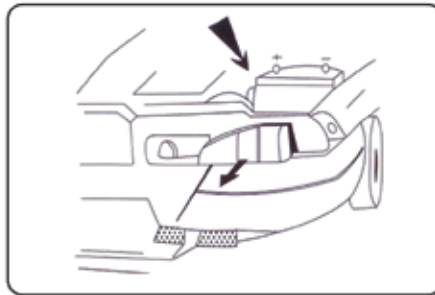
**(3c)** Installation method of power supply's port



- Insert the wiring harness into the ballast's interior slot.
- Connect the ballast's red wire with the red wire of the bulb (+) and do the same for the black wires (-).
- Press the rubber end in to cover the metal end.

Figure 3c.

**(3d)** Affix the ballast to any solid place in the engine bay by using double-sided tape, brackets or zip ties. (Avoid areas where high temperatures can build up.)



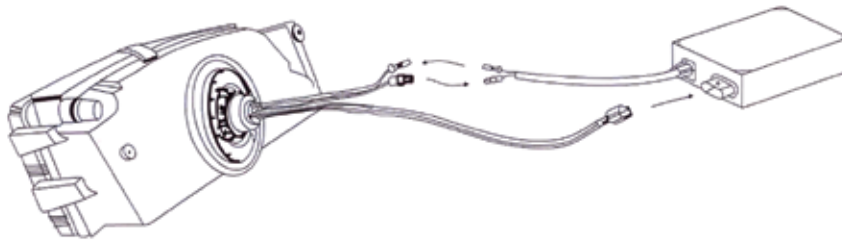
*\*Please refer to the drawing on the left when running the relay\**

1. Drill holes with the 25mm cutter and an 8mm drill in the middle of the back side of the headlight cup. Make sure that the 25mm hole is above the 8mm hole to be able to install the relay and bulb as easily as possible.

2. As shown in the first drawing, insert the wire of the relay and then put the rubber base into the 8mm hole in the back of the headlight.

Figure 3d.

**(3e)** Connect the ballast wiring harness to the wiring harness of the bulb.



**Notice.** A click sound implies successful connection

Figure 3e.

**(3f)** Inspect the headlights to make sure that they are operating correctly.

\*If the two lights do not work or they flicker on and off, please switch out the 20A fuse for a 70A. This problem may be caused by a shortage of electric power supply.

## NOTICE

1. Take care! High voltage is dangerous! It may cause harm with electric shocks.
2. Do not touch the bulbs when turning the power on and off. The heat released may end up scalding you.
3. Do not stare directly at the light bulbs themselves as this can cause serious damage to your eyes.
4. In case of an accident, turn the power supply off. Broken voltage boxes and wires are dangerous and can cause injury.
5. Do not attempt to disassemble or reconstruct broken parts. If such actions are attempted, we take no responsibilities for the results.
6. If repairs or replacements are needed, seek out the nearest specialized shop to help you out.
7. Keep these products away from flammable objects such as, but not limited to: paper, oil, spray paint, diluting agents, etc.
8. Do not adjust the lights to point upward. Doing so can seriously impair other drivers on the road and will be detrimental to their safety.
9. Please do not switch on the lights until the vehicle has been started.