

HID-Xenon Conversion Kit

Product Manual



WARNINGS



This product generates high voltage electricity. Installation by an inexperienced person is not recommended. Be sure to consult a professional technician for the installation. Faulty or insecure installation can result in damage (not covered under warranty) personal injuries, electrical problems and electrical shock.



- Do not alter any part contained in the kit.
- Do not disassemble or modify any part of the kit (ballast, wire harness, HID burner).
- Do not touch the HID burner.
- This product generates high voltage electricity. We are not responsible for any personal injuries due to tampering with the individual parts of this product or mishandling.
- To avoid electrical shock wear gloves when installing the system.
- Securely install all parts of the kit and confirm secure installation and fastening of all individual components.
- Always wait until lights have cooled off after they have been operated. DO NOT touch the HID burner with bare hands and try to avoid touching it at all. Obeying these advices may cause personal injury and / or damage components.
- Keep the system and components away from inflammable materials like paper, cloths and inflammable liquids.
- Avoid looking directly into the HID Xenon light to prevent potential damage to the eyes.
- Check the headlight aiming and adjust if necessary to ensure safety and reduce glare to the other motorists.
- For repairs and replacements consult a professional technician. Do not attempt it yourself.
- In case of a car accident, be sure to turn of the lights and the car's power to prevent high voltage electric leakage from damaged product components.
- Avoid direct contact with water

For retailers:

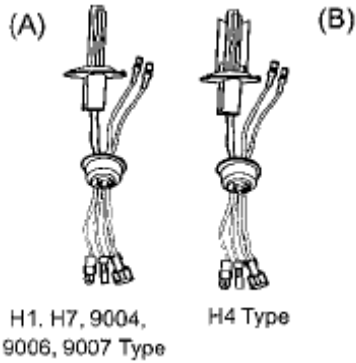
Ensure that each purchaser of the HID Xenon lighting system is provided with this manual

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Packing list:

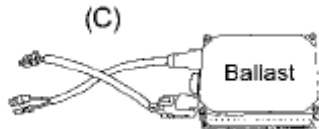
The kit contains the following components

Kit dependent one two HID burners (A & B)



DO NOT TOUCH BURNER WITH NAKED FINGERS

Ballast (C) with lamp specific connection cables



Mounting material

Bracket (D), zip tie (E), screws (F)



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Product installation:



To prevent the risk of electrical shock during the installation remove the positive (+) terminal from the battery!

Open the hood of the car. In some cases where there is no space for the installation, it may be required to remove the headlight housing. Do not separate the glass from the headlight housing. If exists open / remove the rear cover of the headlight. Follow the manufacturer instructions how to remove the incandescent headlight bulb (Figure 1: Exemplary headlight removal).

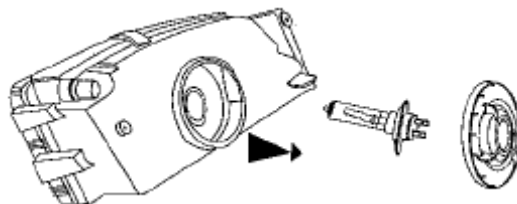


Figure 1: Exemplary headlight removal

In case the rear cover is too small to route the HID-Xenon burner through and seal after installation or is out of hard plastic material drill a 23 mm (7/8") hole with a hole cutter (Figure 2).

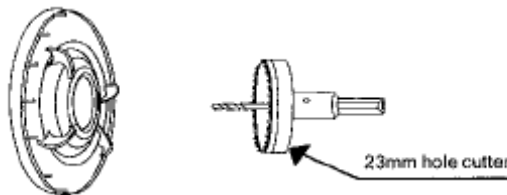


Figure 2: Drill hole in center of each headlight cover

Remove protective plastic cap carefully from HID-Xenon burners.



**DO NOT IMPACT DURING REMOVAL AND INSERTION.
DO NOT TOUCH HID-XENON BURNER WITH YOUR FINGERS**
Mishandling will cause cracks, dirt which may cause the bulb to explode when operating

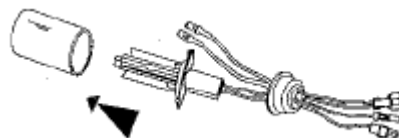


Figure 3: HID-Xenon burner and wire harness

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Insert and secure the HID-Xenon burner into each headlight.



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Verify that the HID-Xenon burner is mounted inside the headlight correctly and (depending on the headlight type) confirm that the security springs have settled properly. Verify that the rubber grommet seals the back of the headlight or dust protective cap.

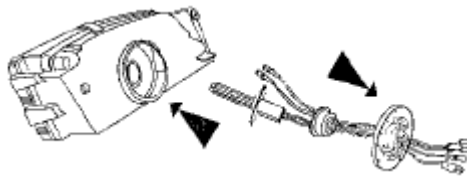


Figure 4: Insert HID-Xenon burner into headlight housing

H7, H1, H3 and 9006 bulb types:

Connect the HID-Xenon burner to the coded water tight connectors.

Connect the ballast to the factory headlight wiring as shown in Figure 5.



DO NOT REVERSE plus (+) and minus (-) terminal wires while connecting the ballast to the factory wires. This could cause damage to the ballast though it is protected against reverse polarity.

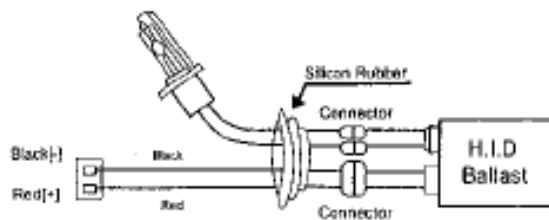


Figure 5: Wire diagram

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H4, 9004, 9007 bulb types:

Since these bulb types have low beam and high beam capabilities three terminal wires have to be fitted. Follow the wiring instruction in Figure 6 and 6-1.

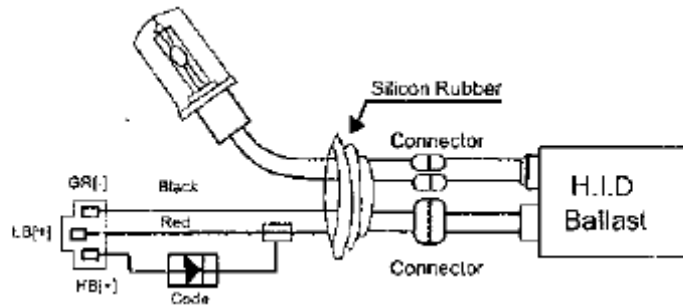


Figure 6: Wiring H4, 9004 and 9007

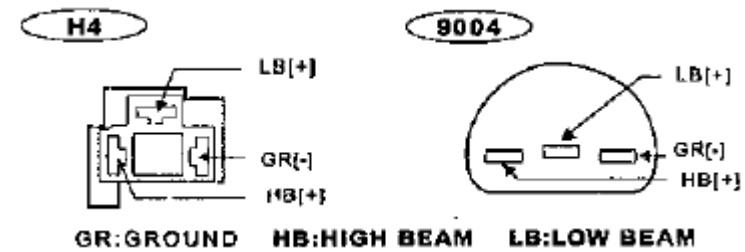


Figure 6-1: Connecting wires to H4, 9004 connectors

Close rear headlight housing and check that wires are not exposed to any sharp metal parts, pinched or otherwise damaged (Figure 7).

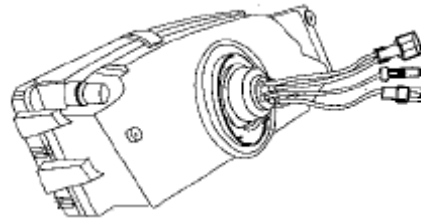


Figure 7: Closed headlight housing

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Connect wires to ballast (Figure 8)



DO NOT REVERSE plus (+) and minus (-) terminal wires while connecting the ballast to the factory wires. This could cause damage to the ballast though it is protected against reverse polarity.



Figure 8: Final assembly

Place ballast at a secure place inside the engine compartment where it is neither exposed to direct water or excessive heat using the provided double sided tape or the included mounting brackets (Figure 9: Installation examples).

Reconnect positive (+) battery terminal



DO NOT ALTER, MODIFY OR EXTEND ANY PARTS OF THE CABLING ENSURE THAT THE CABLES ARE NOT DAMAGED, PINCHED OR RUB AGAINST ANY SHARP EDGE OR SURFACE

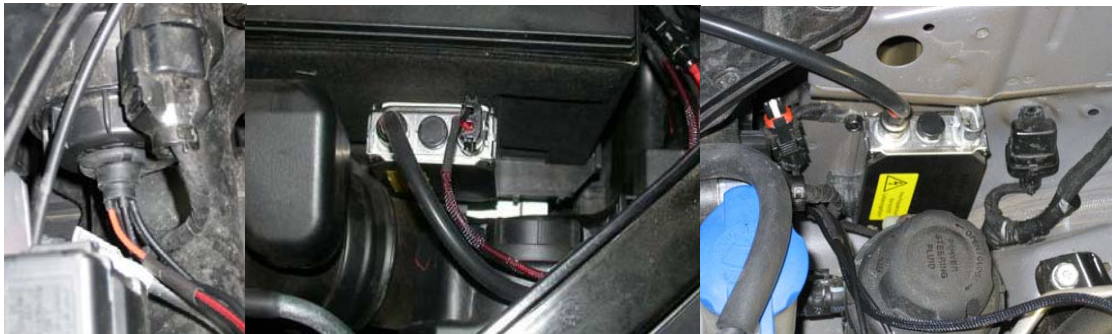


Figure 9: Installation examples (Cap with grommet, HID ballast mounts)