

Consumer Warranty

Commercial Electronics ("HAWK®") promises to the original purchaser to repair or replace with a comparable reconditioned model any HAWK unit (hereafter the "unit"), excluding without limitation the siren, the remote transmitters, the associated sensors and accessories, which proves to be defective in workmanship or material under reasonable use during one year from date of purchase. provided the following conditions are met: the unit was professionally installed and serviced by an authorized HAWK dealer; the unit will be professionally reinstalled in the vehicle in which it was originally installed by an authorized HAWK dealer; and the unit is returned to HAWK, shipping prepaid with a legible copy of the bill of sale or other dated proof of purchase bearing the following information: consumer's name, telephone number and address; the authorized dealers name, telephone number and address; complete product description, including accessories; the year, make and model of the vehicle; vehicle license number and vehicle identification number. All components other than the unit, including without limitation the siren, the remote transmitters and the associated sensors and accessories, carry a one-year warranty from the date of purchase of the same. This warranty is non-transferable altered, the unit has been modified or used in a manner contrary to its intended purpose; the unit has been damaged by accident, unreasonable use, neglect, improper service, installation or other causes not arising out of defects in materials or construction. The warranty does not cover damage to the unit caused by installation or removal of the unit. HAWK, in its sole discretion, will determine what constitutes excessive damage and may refuse the return of any unit with excessive damage. **TO THE MAXIMUM EXTENT ALLOWED BY LAW, ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF NON-INFRINGEMENT OF INTELLECTUAL PROPERTY, ARE EXPRESSLY EXCLUDED; AND HAWK NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. HAWK DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING ITS AUTHORIZED DEALERS OR INSTALLERS. HAWK SECURITY SYSTEMS, INCLUDING THIS UNIT, ARE DETERRENTS AGAINST POSSIBLE THEFT. HAWK IS NOT OFFERING A GUARANTEE OR INSURANCE AGAINST VANDALISM, DAMAGE OR THEFT OF THE AUTOMOBILE, ITS PARTS OR CONTENTS; AND HEREBY EXPRESSLY DISCLAIMS ANY LIABILITY WHATSOEVER, INCLUDING WITHOUT LIMITATION, LIABILITY FOR THEFT, DAMAGE AND/OR VANDALISM. THIS WARRANTY DOES NOT COVER LABOUR COSTS FOR MAINTENANCE, REMOVAL OR REINSTALLATION OF THE UNIT OR ANY CONSEQUENTIAL DAMAGES OF ANY KIND, IN THE EVENT OF A CLAIM OR A DISPUTE INVOLVING HAWK OR ITS SUBSIDIARY, THE PROPER VENUE SHALL BE ENGLAND & WALES . THE MAXIMUM RECOVERY UNDER ANY CLAIM AGAINST HAWK SHALL BE STRICTLY LIMITED TO THE AUTHORIZED HAWK DEALER'S PURCHASE PRICE OF THE UNIT. HAWK SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR THE LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOT WITH STANDING THE ABOVE, THE MANUFACTURER DOES OFFER A LIMITED ONE YEAR WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE AS DESCRIBED ABOVE.**

www.hawkcaralarm.com Tel: 44+208 404 7105 Email: info@hawkcaralarm.com 2011©



EXTREME HAWK HID LIGHTING SYSTEMS

User/ Installation Manual



Manufacturer:
COMMERCIAL ELECTRONICS
264 HAYDONS ROAD, WIMBLEDON, LONDON SW19 8TT. UK

TEL: +44 020 8404 7105 FAX: +44 020 84047104
http://www.hawkcaralarm.com e-mail: info@hawkcaralarm.com

Hawk Xenon Installation Instructions

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

General Tips & Guidelines

- Always start your engine before you activate your HID's.
- Do not turn the HID's on and off frequently or rapidly.
- Do not install the HID ballasts and igniters near the engine or any place where water can reach HID components.
- Make sure the HID connectors are tight and secured to the stock harness.

Please note :

- You **MUST DISABLE** Daytime Running Light or "Auto Switch-On" functions before the HID installation.
- HID systems require a minimum and continuous 12 Volt power source, which could be effected by "automatic lighting" that comes on various vehicles.

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 NEUTRAL 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 not to touch the bulbs with your fingers, as this will cause shortened life.
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 may be required to drill a 25mm hole into the back of the resin or rubber headlight cap if your vehicle has such design.

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Installation

Step 1: Get access to your factory bulb and remove the original light bulb. Access to your bulbs can usually be found in the owner's manual or by calling your dealer.

Step 2: Unpack and insert the HID light bulb into your headlight assembly making sure not to touch the bulb or get it dirty.

Step 3: Connect the wires from the ballast to the bulb. Connect the input wire to the ballast and other end to your factory connector. Depending on which model bulb your vehicle uses, you may have to insert two metal prongs into your factory harness.

Step 4: Turn vehicle on and make sure everything lights up. If it does not, please check your connection and make sure all wires are connected. If still nothing turns on, remove the input connector to the ballast and swap it around the other way. There are two ways of inserting the plug into the ballast.

Step 5: Mount the ballast on a surface or existing bolt using the supplied brackets that slide out.

Malfunction solutions

1. Bulb malfunction.
2. 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 focus of the light.

3. Poor light output from the beams.

Lack of power input may lead to the bulb flickering or simply poor lighting.

Solution: Adding an additional relay set will help to stabilise the electric voltage and improve the light output.

Problem: There may be noise when the lights turned on.

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HID Common Issues & FAQ

Both HID bulbs keep flickering and making clicking noise

1. Make sure the HID bulbs have been connected to the ballasts correctly and are secure.
2. Check for proper voltage output from your car battery.
3. If your car's low beam has daytime running lights, make sure to disable that before installing the HID kit.

HID Lights turn on, but shortly after both sides turn off.

Fuse(s) may be blown. Please check your fuses box according to your vehicle's user manual and upgrade the stock 10mA or 15mA headlight fuse to 30mA.

Note: The 30mA fuses are 100% safe for your vehicle; they won't cause problems such as damage your other electrical circuits.

HID randomly shut off on their own

Inside of the HID ballast there is a micro chip which is used to detect whether there is any potential problem. Any potential problems such as surges, voltage spikes, power shortage and even extremely high heat will trigger the self-protect and shut the ballast off temporarily. It takes approx. 3 minutes for the micro chip to reset. After a minimum of 3 minutes, please turn off the HID's and wait approx 3 to 5 minutes before use.

Inspection Procedure: Please check the car battery. Check all connections between the bulb, ballast, & igniter. Check the vehicle battery terminal.

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Only one light works, although both lights are installed exactly the same.

1. The polarity of one side might not match with the stock harness.
2. Fuse might be blown on this side.
3. Malfunctioned parts.

Inspection Procedure: Check all connections between bulb, ballast & igniter. Check the bulb that does not work. Check the fuses. Use at least 30mA fuse if the stock 15mA fuse blows. Switch the failing bulb module to the working one to see if the problem remains. If the failing light now works, the bulb could be faulty. If the problem still persists, the Ballast and /or igniter may be faulty. Check the Ballast and igniter switch it to the working side of the vehicle. If problem still persists, the Ballast and or igniter are bad. If HID system works properly; your vehicle electrical connections, car battery, alternator, and other devices may have issue.

The Ballasts makes electric noise when first turn on.

This is normal. HID ballasts receive charge from the car battery in order to activate HID's.

Why choose our company vs. 100's of other websites selling HID kits?

We have been in this business for over 20 years and have developed the highest quality product on the market at exceptional value. If you're interested in a product that lasts you more than 6 months, doesn't cause any adverse affects to your vehicle then you need our state of the art HAWK Xenon Kit. We stand behind our product with a solid 1 year warranty. If your product ever fails, we will replace the part at no cost to you.

Do I have to cut any wires? Is this plug and play?

You will not need to cut any wires for the installation. The installation usually takes 30 minutes or less on most vehicles and can be reversed in even less time.

Are these kits Bi-Xenon?

Yes. Vehicles using 9003/9004/9007/9008/H13/H4/ type dual filament bulbs will receive Bi-xenon bulbs which have built in motor structure that will move the bulb, creating the same effect as a high beam on the road. Included as well for the Bi-xenon kits are wire relay harness which will power the kit directly from the battery. Again there is no cutting and everything is plug and play on 99% of cars.

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I have heard Xenon can burn my wiring or headlights?

This is a misconception due to people calling "higher wattage" halogen bulbs "xenon". Higher wattage halogen bulbs which claim to be xenon or even HID bulbs can cause these products because they use more power than what your factory wiring was designed for. With our HID kit, you will actually use less power and put less strain on your factory wires. We have never heard anyone damage their headlights or wiring with our HID system.

Do you have a kit for me car?

Yes! We carry HID kits for every car and motorcycle on the market.

Can I install this myself?

On 99% of vehicles the installation can be done in a very short time. If you can access your headlight bulb and remove it, then you can install this kit! One some vehicles, installation can take no more than 15 minutes.

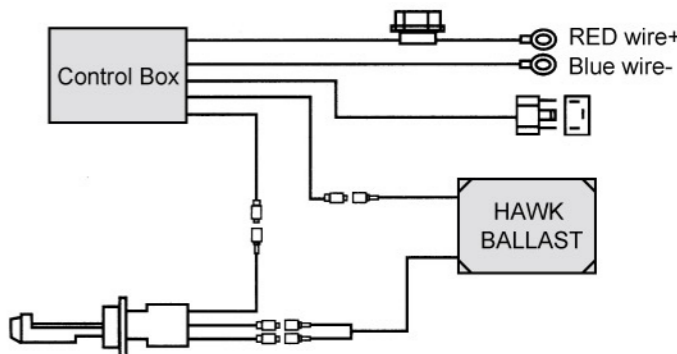
www.hawkcaralarm.com Tel: 44+208 404 7105 Email: info@hawkcaralarm.com 2011©



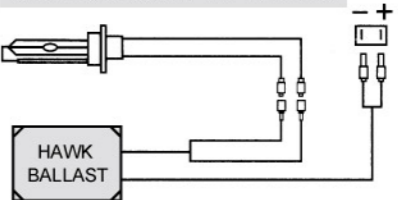
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Installation drawing

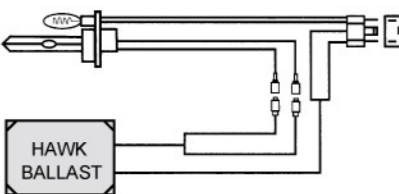
H4 H/L CONVERSION TYPE



OTHER SINGLE TYPE H1/H7



H4 CONVERSION TYPE



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