LUMENS HIGH PERFORMANCE LIGHTING

www.lumenshid.com

Single Beam Xenon Installation Instructions

WARNINGS:

i) Never touch the glass on a headlight bulb - this goes for both halogen and Xenon HID bulbs

ii) You should disconnect your battery from the vehicle to ensure that you don't electricute yourself. The ballasts in the kits produce high voltage that can serious harm you if accidently powered without the bulbs connected.

iii) The Xenon HID Lights should never flicker. If they are flickering, you may need additional components not included. Please contact us for more information and help to diagnose the issue with your vehicle. Do not turn on the Xenon HID Kit until the problem is resolved.

INSTRUCTIONS:

1. Check contents of your kit. You should have:



2 x Ballasts



2 sets of brackets



2 x HID Xenon Bulbs (may look different)

2. Remove your existing halogen bulbs from the vehicle (refer to your vehicle's owner's manual for instructions). Do not touch glass on bulb, and store properly in case you remove the Xenon HID Conversion kit, these bulbs may be re-used.

3. Install and secure the HID Xenon Bulbs into the headlight housing (reverse of how you removed your existing halogen bulbs). Be sure to remove any protective packaging for shipping purposes without touching the glass burner.

4. Assemble brackets on to the ballasts:



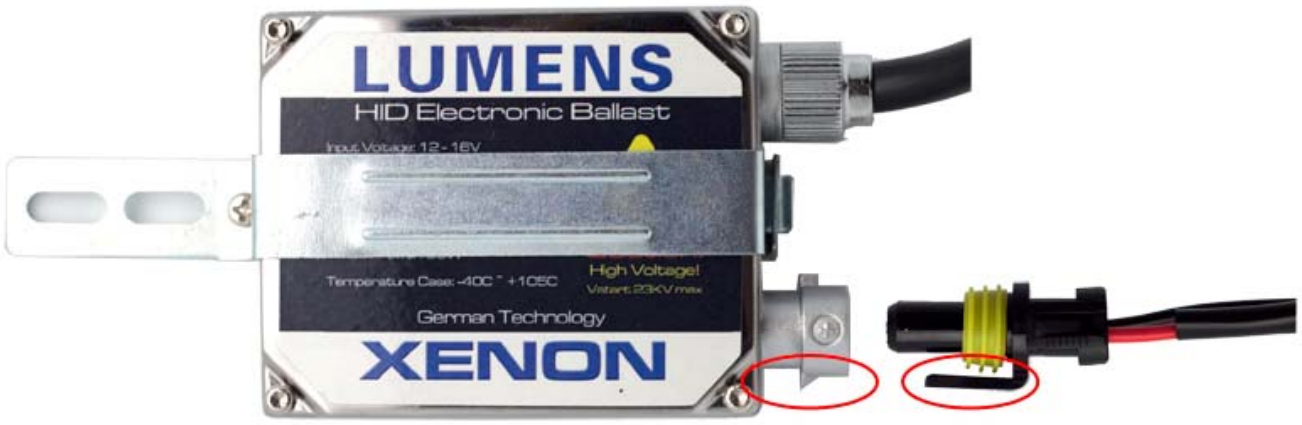
5. Plug the 2 'AMP' Connectors from the ballast to the Xenon HID Bulb 'AMP' Connectors (there are a total of 4 pairs of connectors to plug).



6. Mount Ballasts. Ensure that the power connector hole on the ballast is facing down to ensure that moisture and condensation doesn't build up inside the plug. Also, keep ballast and other parts from the kit away from moving parts and parts that produce heat. One suggestion would be to bend the mounting bracket 90 degrees and mount bracket on radiator bar so that the ballast hangs off the radiator bar.



7.Plug ballast connector from wire bundle attached to the bulb to ballast as shown:



8. Connect the other end of the connector from ballast to vehicle's factory headlight socket (the one you unplugged from the original headlight bulb). Some connectors are pre-pinned, but be sure to check and ensure that the black wire is connected to the ground wire on the factory harness and the red / blue wire is connected to the positive wire on the factory harness. If these wires are reversed, the HIDs will not power on - simply reverse the pins.

9. Before packing everything away, be sure to test the installation with these pointers in mind:
   a) Turn on headlight switch to test initially. Allow lights to warm up for 30 secs before turning off.

   b) Turn on vehicle and ensure that the daytime running lights (DRLs) do not interfere with HIDs or flicker. Note that some vehicles may require you to put the vehicle in neutral and drop the handbrake before DRLs come on.
   c) Turn on high beam and fog lights to ensure everything is working properly.
   d) Test all turn signals.

10. If flickering occurs, contact us for more details on additional parts or accessories that may be required. Disconnect the HID Conversion Kit and re-install halogen bulbs (do not use the HIDs if they are flickering).

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Single Beam Xenon Wiring Diagram









Plug to vehicle's corresponding headlight socket. Depending on Kit type, plug types may vary.

H1, H3, H4, H7



90047, 9005, 9006 (actual plug may vary from picture)



800 Series, 5202, H8, H9, H11, H13

