

'02 Bi-Xenon supplementary halogen high beam modification

Supplement your N.American Bi-Xenons with the H7 high beam flash-to-pass bulbs

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This modification will allow the N.American flash-to-pass halogens to activate with the Xenon high beams just as the E-code (European code) Bi-Xenon lamps do.

First of all, let me get the usual boring disclaimers out of the way. Perform this modification at your own risk. I accept no responsibility for any damage to your vehicle as a result of this modification, therefore please perform it at your own risk.

Now that we've gotten that out of the way. Here is what you need.

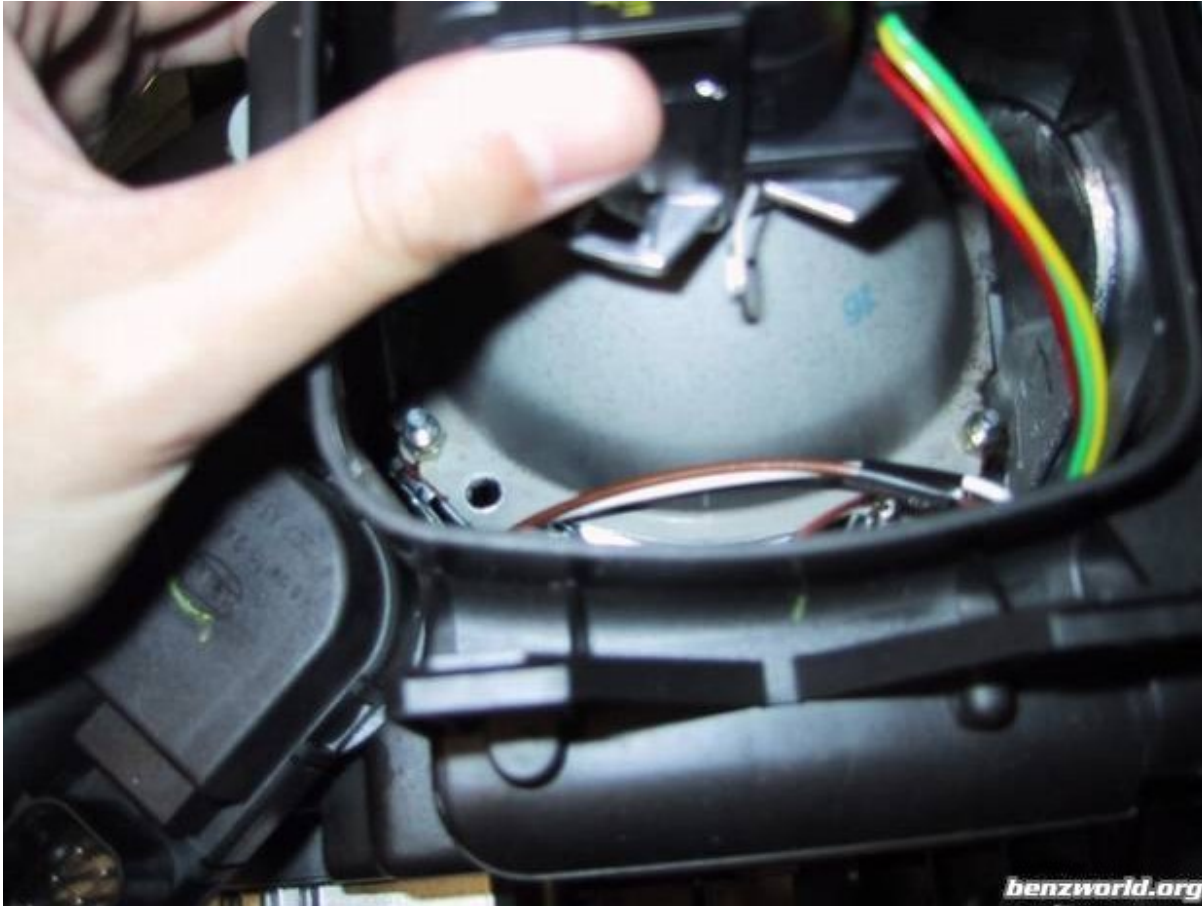
- 1) A pair of pliers to cut the wires
- 2) A pair of wire strippers (or equivalent)
- 3) A pair of needle nose pliers
- 4) Some electrical tape
- 5) A slotted screwdriver
- 6) Some luck ;-)

1) Open up both covers at the back of the headlamp. the circular cover leading to the H7 bulb, and the square cover leading to the Xenon bulb. Do NOT try to remove the Xenon bulb or you will probably never get it back.

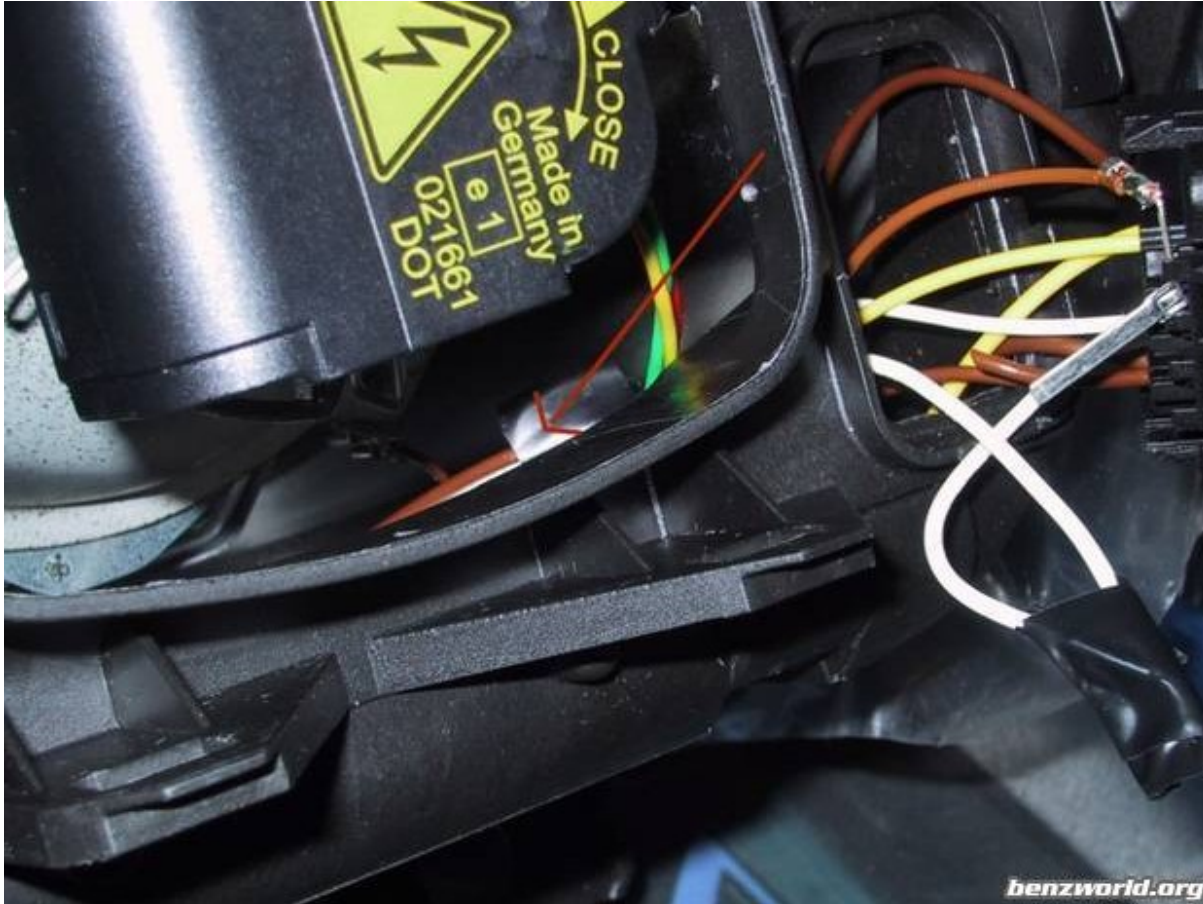
2) Locate the two wires (brown and white) that lead up to the halogen bulb. FYI, white is positive and brown is negative.



3) Trace the wires above from the halogen bulb to just under the Xenon bulb. You will need to carefully use the needle nose pliers to pull both wires out further so that you can access them. See picture below.



- 4) Take the other pair of pliers and cut the white wire only at the end, just before it turns down into the relay.
- 5) Take the slotted screwdriver and locate the female plug at the back of the headlamp where you plug the factory harness. Stick the screwdriver in the gap and pop out the entire plug. It easily snaps back later on.



6) Locate the white wire from this plug that runs down into the relay. Make sure that you do not cut the white wire which connects to the back of the projector assembly! This is the hot wire that controls the electromagnetic shutter which provides the Xenon high beam. When you're sure that you have the white wire that goes to the relay, cut it.

7) Now, take the wire strippers and strip both ends of the white wires that you have just cut. Connect the white wire from the halogen bulb to the white wire that goes to the plug. Soldering them together is optional (I'd do it to be on the safe side). Then, take the electrical tape and tape up this connection, as well as any other exposed wire ends inside (i.e. the wires leading up and exiting the relay).



That's it!!! Replace all of the covers and the plug and you're done.

Now, enjoy your new setup and the tremendous improvement over the already excellent Bi-Xenon high beams :-)

