



TOOLS NEEDED:

- Standard or metric socket set. Depending on the vehicle.
- A drill and either a uni-bit or a 7/8" drill bit.

READ FIRST: Almost all H7 HID kits require that you drill a hole in the low beam dust cover. For the purpose of our installation guide we are using a BMW E39 5 series. Please refer to your vehicle's owners manual for instructions on headlight removal.

DIFFICULTY: Easy     Professional Install



Once OEM headlights are removed from the vehicle, it will be much easier to do your HID install. Pictured are the low & high beam dust covers, this will require minimum modification in order install your H7 HIDs correctly. **1**

The following instructions are for the low beam but this install guide will also work on the high beams on your car.



Remove low beam dust cover. Please refer to your owners manual for instructions on changing bulbs. **2**



Once the low beam dust cover is removed, your low beam bulb and positive/negative connector will be exposed. **3**



Disconnect the positive and negative female spade connector from the headlight by pulling firmly away from the low beam bulb.

4



Next, pinch and release the metal retaining clips which will allow the OEM H7 low beam bulb to be removed.

5



Pictured is the metal retaining clip fully unlocked.

6



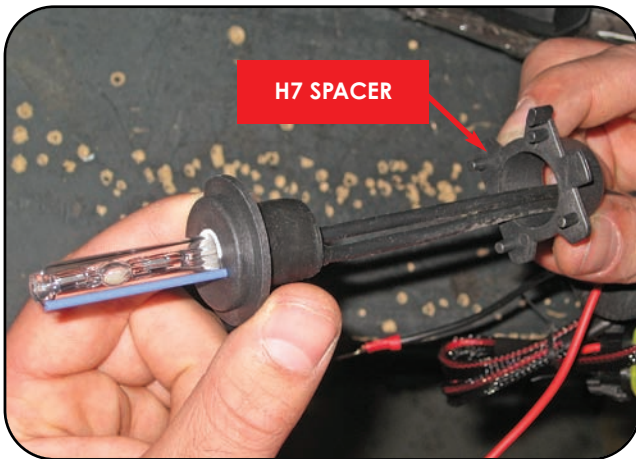
Gently remove the OEM H7 bulb out of the headlight housing.

7



Remove the H7 HID bulb from the protective plastic casing and screw cap. Do not touch the bulb with your bare hands. If you do, be sure to clean the bulb with rubbing alcohol prior to installation.

8



Pictured is the H7 spacer. Many cars do not need the spacer. If you do need the spacer, slide it to the base of the H7 HID bulb.

9



If you do not need the spacer. You can dispose of it by cutting it with wire cutters. Be careful not to cut the wires.

10



As stated earlier, you will need to modify your low beam dust cover.

11



Using a drill with a Uni-bit (pictured) or a 7/8" wood spade bit drill a 7/8" hole in your low beam dust cover. This will allow you to pass the HID wiring through. **The hole must be located DIRECTLY behind the bulb location.**

12



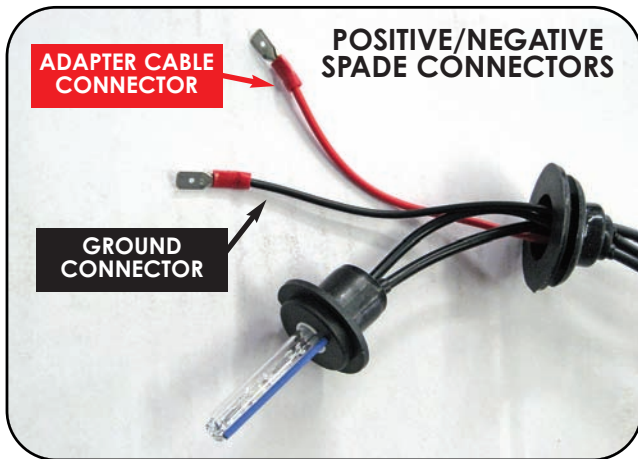
Carefully pass the H7 HID bulb and wiring through the modified low beam dust cover. The rubber grommet stays to outside of the dust cover.

13



Pinch half of the rubber grommet through the 7/8" hole, sealing your low beam from the elements.

14



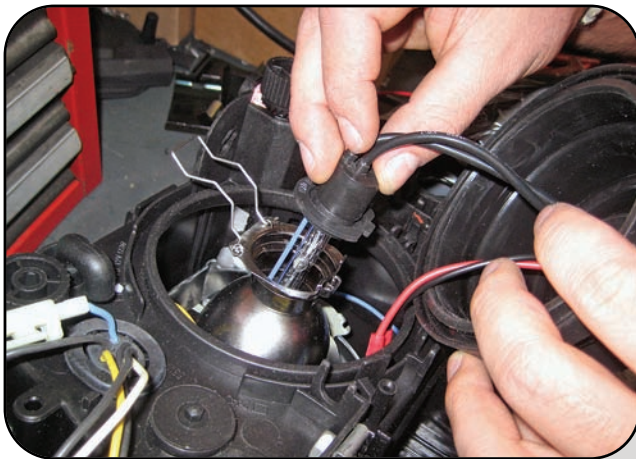
Coming through the rubber grommet on the H7 HID bulb side there will be a positive and negative spade connectors. These will be plugged into your female spade connector inside your headlight. Please observe polarity (+/-).

15



Plug the male spade adapter cable connector (the **RED** wire coming through the grommet) into your female spade connector from inside your headlight housing. Then, plug the ground male spade connector (the **BLACK** wire coming through the grommet) into your female spade connector from inside your headlight housing.

16



General wire colors:

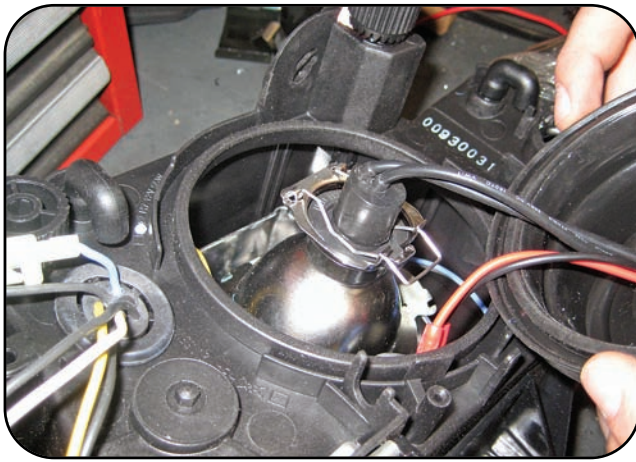
Power wires = Red, Yellow, Blue

Ground wires = Black, Brown



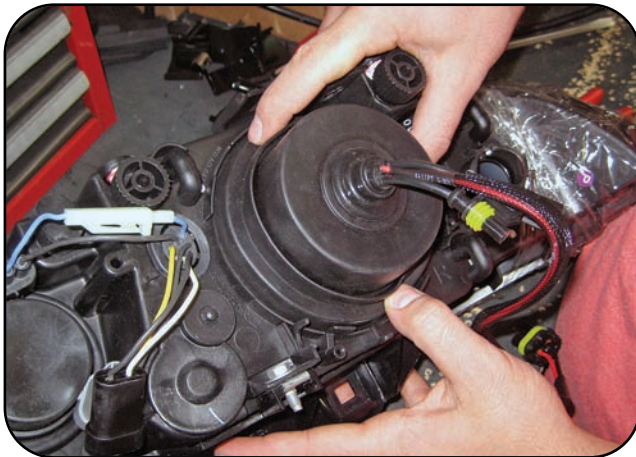
Secure the H7 HID bulb in the headlight housing by reinstalling the metal retaining clip.

17



Pictured is the H7 HID bulb installed correctly in the headlight housing.

18



Once all the wires are connected, reinstall low beam dust cover onto headlight housing.

19



GENTLY pull on the wires while holding the rubber grommet firmly in place. This will eliminate any slack inside the headlight housing, giving you more wire to work with.

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At this point you can reinstall your headlight back on to your vehicle. For the purpose of clarity we chose not to reinstall the headlight on the car.



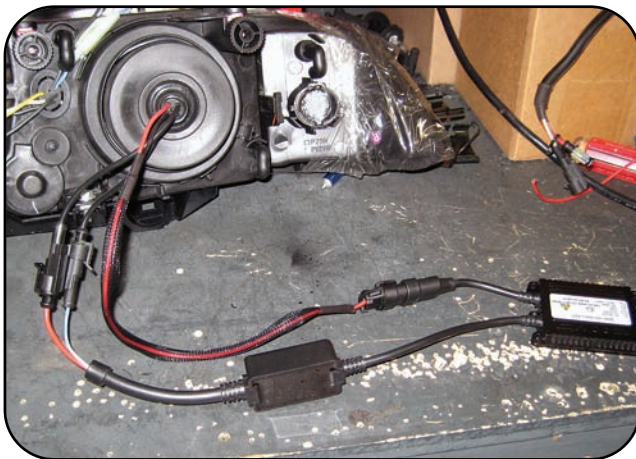
Plug the corresponding AMP connectors from the ballast to the HID bulb.

21



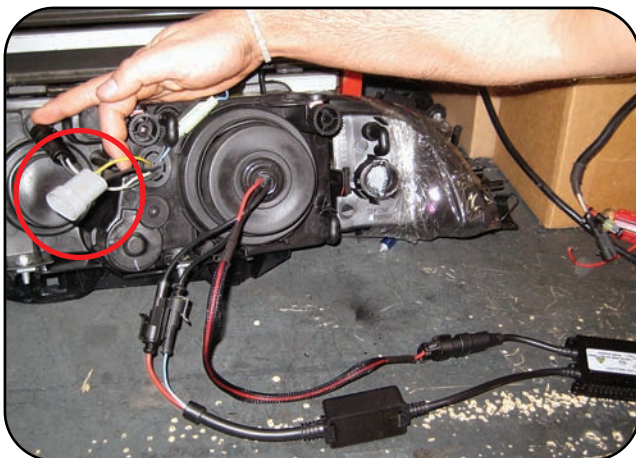
plug the 9006 connector on the adapter harness to the ballast. Mount the ballasts in a dry, flat, clean location.

22



Pictured is all the wiring installed correctly.

23



Finally, you will need to plug your OEM low beam power supply back into its' original location on the headlight housing. *NOTE: Pictured is the connector for the BMW E39 5 series, plugs may vary depending on the vehicle.*

24

If you use this install guide to install this kit on your high beams, make sure to plug your OEM high beam power supply back into it's original location on the headlight housing.