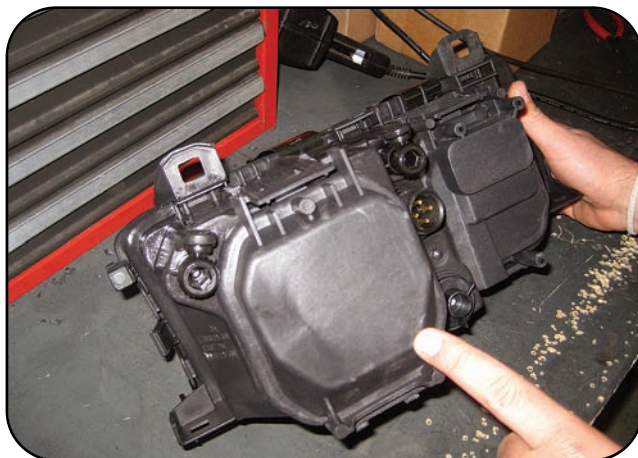


**TOOLS NEEDED:**

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

**READ FIRST:** Almost all H1 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 E36 3 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 is the low beam dust cover, this will require minimum modification in order install your H1 HIDs correctly.

1



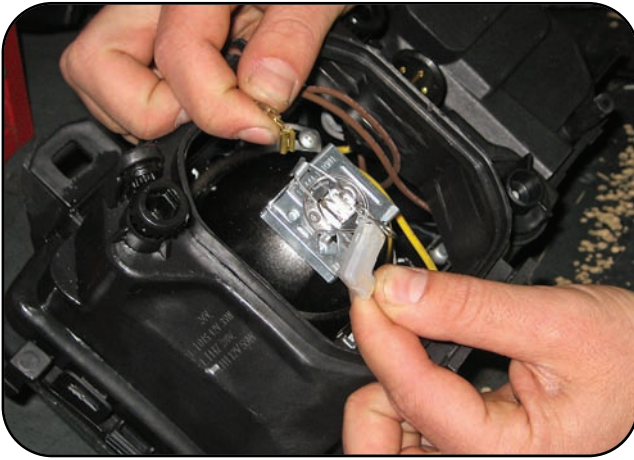
Remove low beam dust cover. Please refer to your owners manual for instructions on changing bulbs.

2



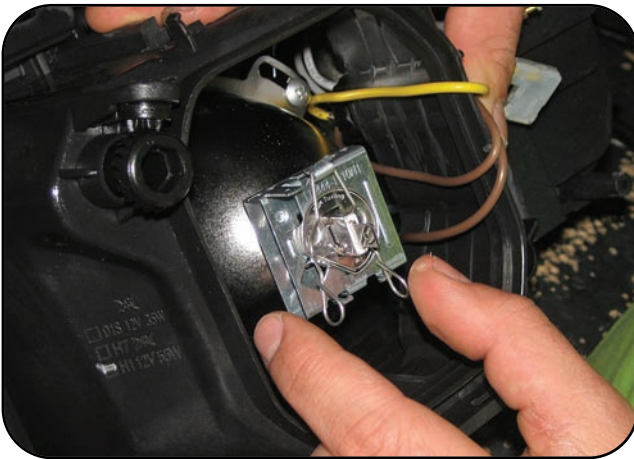
Once the low beam dust cover is removed, your low beam bulb and positive/negative connectors will be exposed.

3



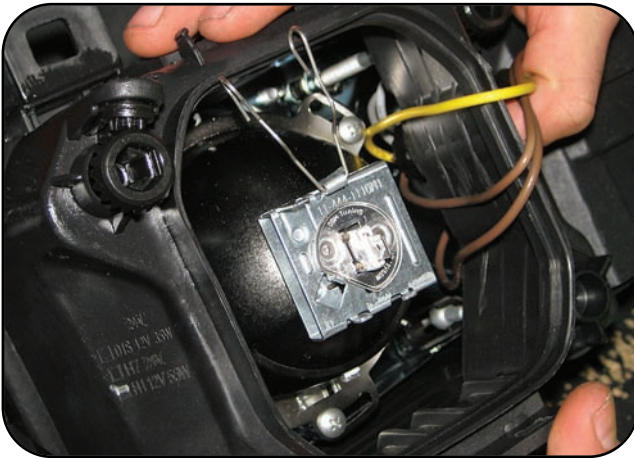
Disconnect the positive and negative female spade connectors from the headlight by pulling firmly away from the low beam bulb.

4



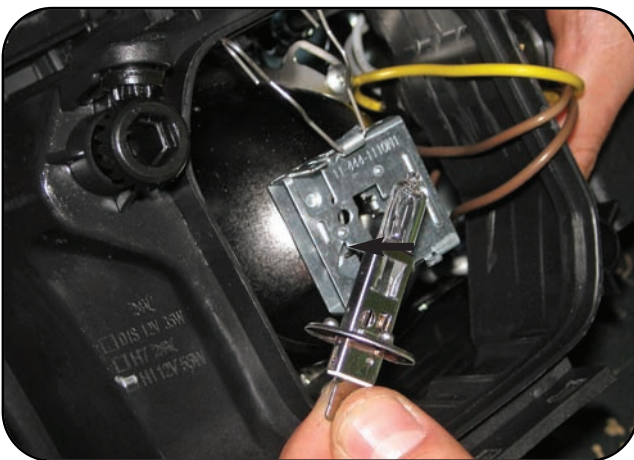
Next, pinch and release the metal retaining clips which will allow the OEM H1 low beam bulb to be removed.

5



Pictured is the metal retaining clip fully unlocked.

6



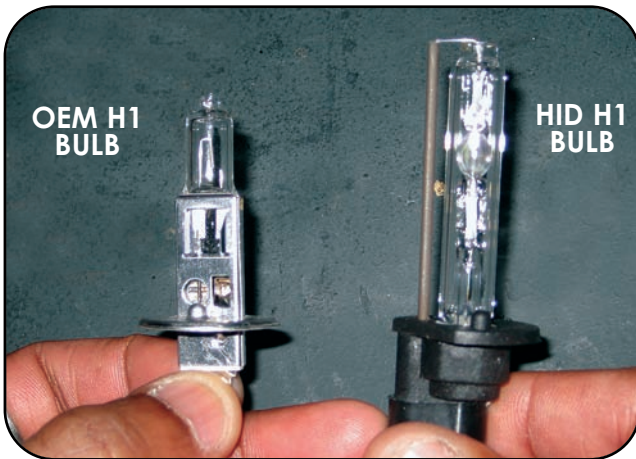
Gently remove the OEM H1 bulb out of the headlight housing.

7



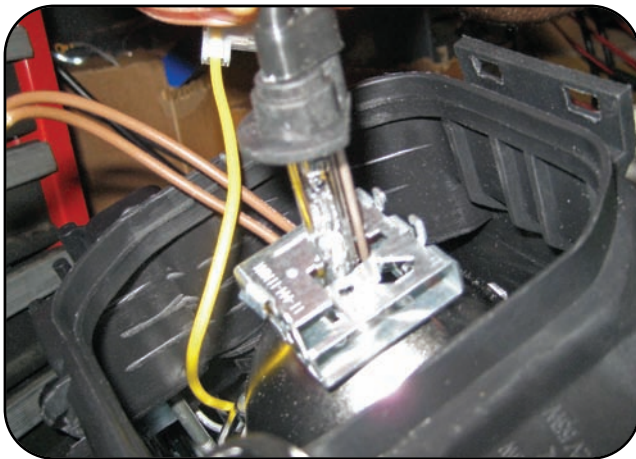
Remove the H1 HID bulb from the protective plastic casing and screw cap. Do not touch the bulb with your bare hands. If you do, be sure to clean the bulb with rubbing alcohol prior to installation.

8



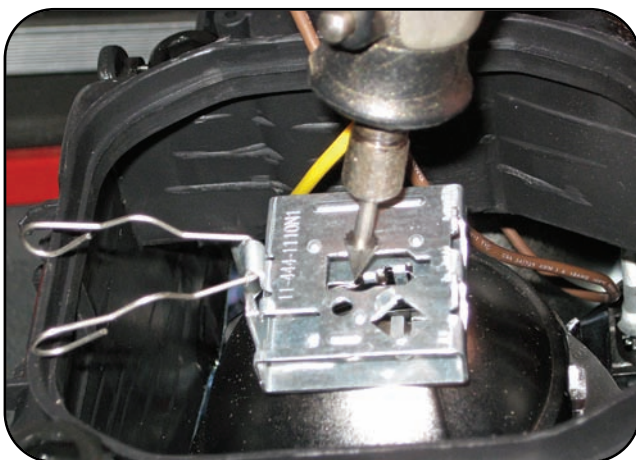
Pictured is the comparison between your OEM H1 vs. HID H1 bulb. Note the difference in size.

9



Carefully test fit the H1 HID bulb on your headlight housing. If the HID bulb does not slide in effortlessly, DO NOT FORCE IT. You will need to open up the metal bulb retainer slightly with a Dremel tool.

10



Using a Dremel tool, carefully grind the metal bulb retainer slightly. Go slowly and test fit the bulb as you go. Repeat grinding as many times as it takes for the H1 HID bulb to fit.

11



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

12



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.**

13



Pictured is the drilled low beam dust cover.

14



Carefully pass the H1 HID bulb and wiring through the modified low beam dust cover. The rubber grommet stays to outside of the dust cover.

15



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

16



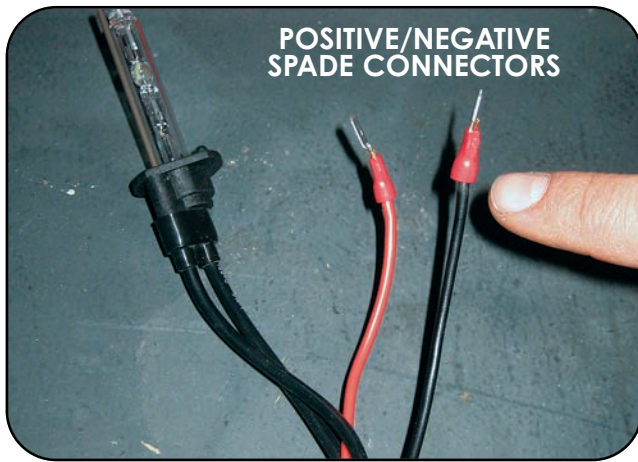
Secure the H1 HID bulb in the headlight housing by reinstalling the metal retaining clip.

17



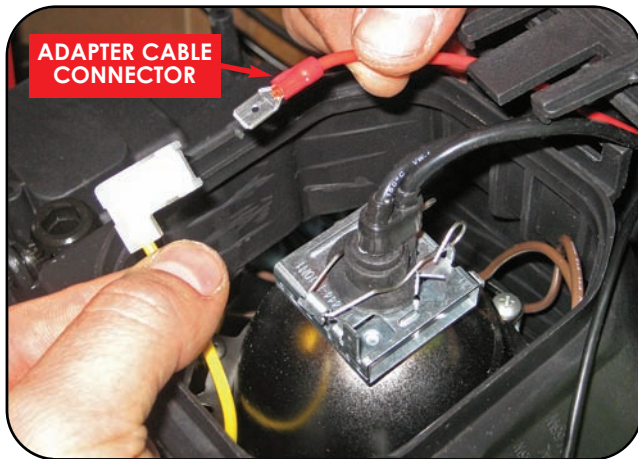
Pictured is the H1 HID bulb installed correctly in the headlight housing.

18



Coming through the rubber grommet on the H1 HID bulb side there will be a positive and negative spade connectors. These will be plugged into your female spade connectors inside your headlight.

19



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

20

**General wire colors:**

**Power wires = Red, Yellow, Blue**

**Ground wires = Black, Brown**



Plug the ground male spade connector (the **BLACK** wire coming through the grommet) into your female spade connector from inside your headlight housing.

21



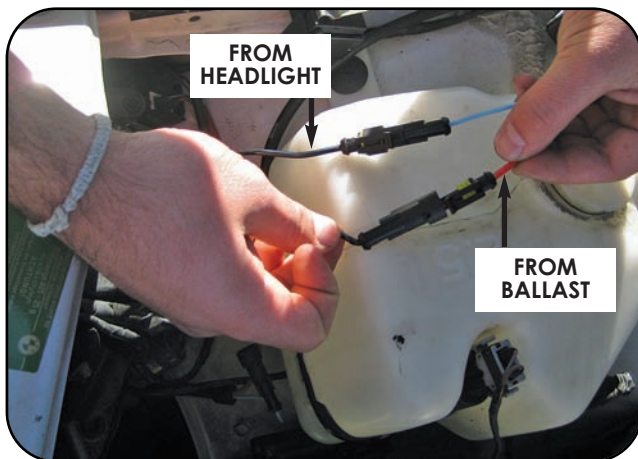
Once all the wires are connected, reinstall low beam dust cover onto headlight housing.

22



**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.

23



After reinstalling your headlight with new HID installed back on your car, plug the corresponding AMP connectors from the ballast to the HID bulb.

24



Then plug the 9006 connector on the adapter harness to the ballast. Finally mount the ballasts in a dry, flat, clean location. And plug your car headlight wiring connector back into the headlight.

25