

LUX E90 Install Guide

Caution: Do at your own risk

Overview of steps:

1. Remove wheel
2. Remove wheel well
3. Removing the OEM bulb
4. Assemble LUX
5. Install LUX
6. Put everything back together
7. Check to make sure ALL covers are correct



Tools needed:

1. 17mm Socket and wrench – Tire removal
2. 10mm socket, 8 mm socket
3. Slotted screw Driver
4. T-15 Torx screw driver
5. Car Jack and optional dummy jack for sports

STEP 1

Remove wheel.

It is much easier to remove the wheel rather than trying to turn the wheel in different directions. Jack the car up and use the 17mm socket to remove the nuts. The wheel may be very hard to get off due to rust, and if so just keep pulling. Be careful not to drop the wheel. Place the wheel aside in a safe place.

STEP 2

Remove wheel well.

In total you will need to remove 9 screws and 1 nut. Pictures 2-4 have all of the places circled. Inside the wheel well there are 5 screws and 1 nut to remove. On the bottom there are 4 screws to be removed. In picture 4 there are 3 X's, you do not need to remove these. Once all 10 items are removed, just wiggle the wheel well out and you will have access to the headlight, fog light, and everything else. It may be easiest to remove the wheel well from the bottom first and then slide the top down. Remember how this went in because you need to put it back the same way.



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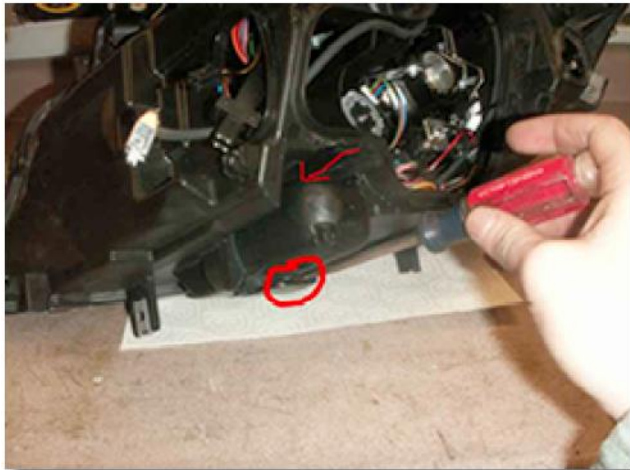


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STEP 3

Removing the OEM bulb.

For the rest of the pictures I took them from a extra headlight so the angle you will be viewing might be Slightly different, but yet it is the exact same headlight.



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Picture 5: This is the cover you want to remove. **Do NOT remove the top cover, this is not necessary.** There are 2 clips, one on top and one on bottom. Use the slotted screw driver to unclip these. TIP – Picture 6 shows you twisting the screw driver rather than prying. If you twist the screw driver and gently pull on the cover you will feel it come loose. Do this for the Top and Bottom.

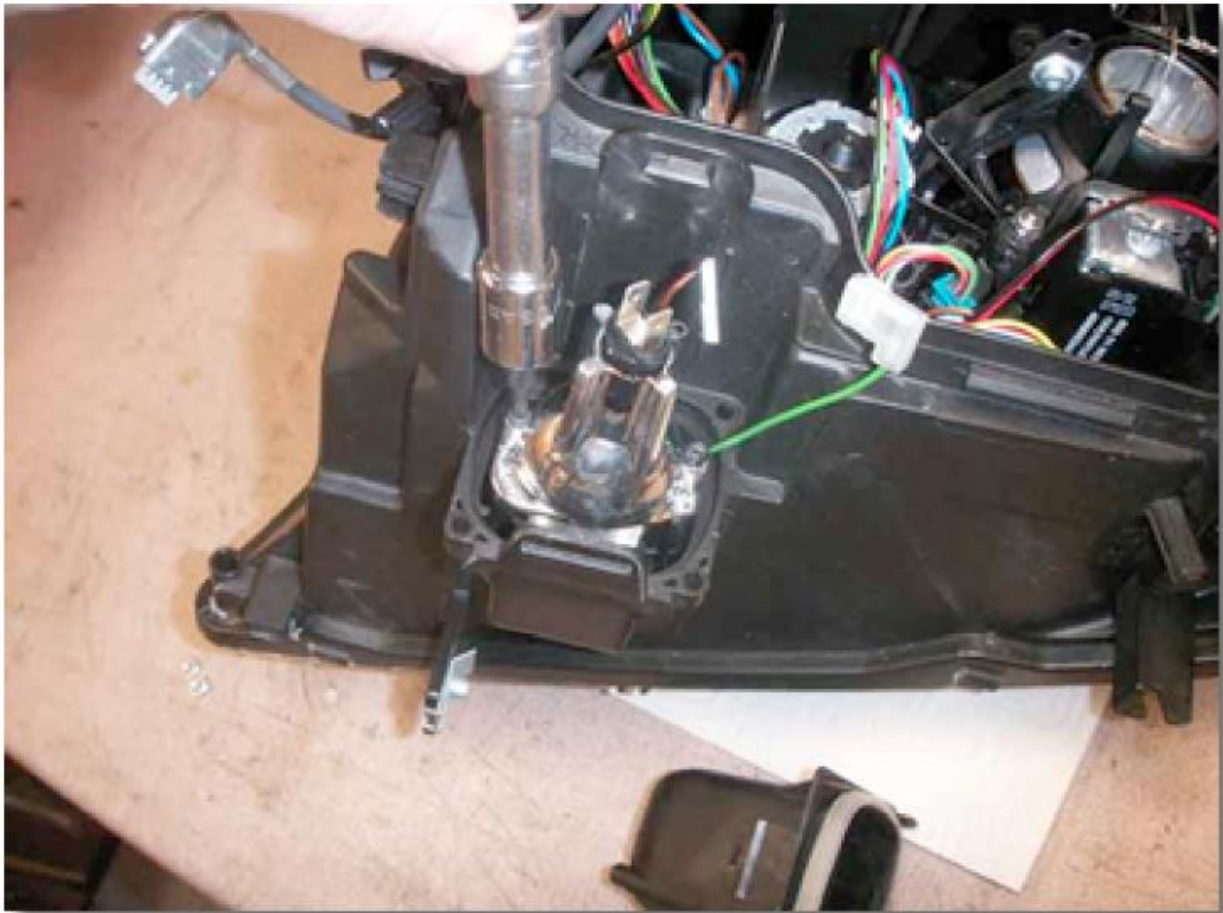


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Picture 7 shows what the OEM bulb will look like. Remove the 2 wires by pulling straight back, shown in picture 8.



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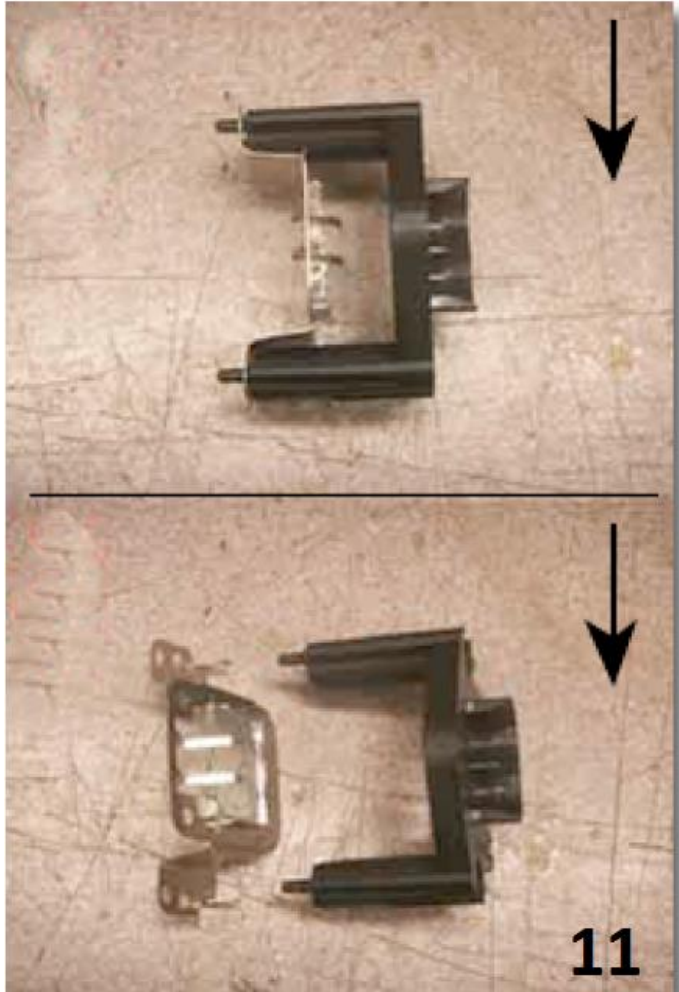
Once the wires are removed we can unscrew the oem bulb using the T-15 Torx wrench, Picture 9.



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Picture 10. You will now have the OEM bulb and you will see the metal piece holding the clear glass. Remove the metal piece (and there is a plastic holder attached as well).

STEP 4:
Assemble LUX



Next follow the progression as in picture 11.

**Remove the Metal Clip
that holds the Glass**

This metal clip will not be used to install the LUX but keep it in case you need to re-install the stock bulb.

The black plastic piece will be re-used with the LUX E90

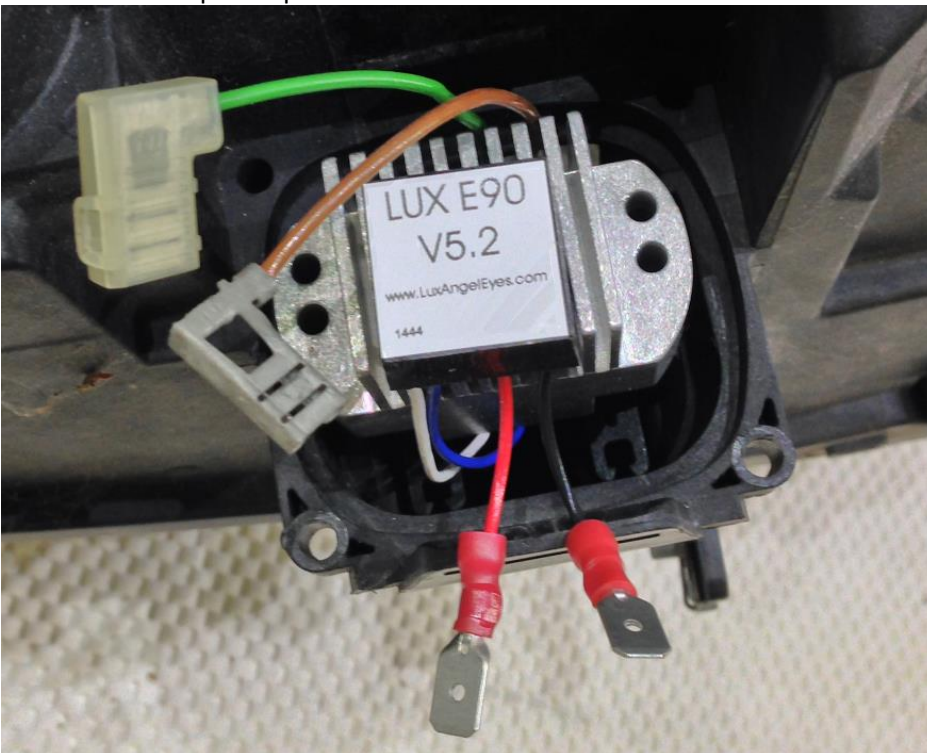
STEP 5

Install LUX



First, put the plastic holder back into the headlight with the 2 pins on top, shown in Pic 12.

Now you will need to install the LUX E90. There are 2 holes on either side which line up with the pin and hole on the black plastic piece. The hole in the middle of the LUX is where the screws go back in place





Connecting the Wires – Attach the wires in the following orientation

Car Wire – LUX Wire

Green - Red

Brown - Black

STEP 6

Put everything back together.

As shown in pic 15 the cover has a top and bottom. You will hear 2 little clicks once the top and bottom Clips have snapped into place. Now all that's left is putting everything back together and going on to the other side.



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STEP 7

Check to make sure ALL covers are correct.

Make sure that the cover is firmly sealed and no other covers were disturbed