

## Upgrading Porsche 911 Headlights to LED with H4 Type Housing.

### Removal of the existing headlight



H5

Sugar Scoop

For H4 headlights this screw need to be removed and the headlight will come out.

For H5 and Sugar Scoop Headlights.

This screw is what holds the trim ring in place. Make a note of the angle the screw attaches to the tab inside for when you install the new headlight.



The first step is to remove the trim ring around your H5 or Sugar Scoop headlight. There is only a single screw holding it in place, so with that screw removed, the ring can then be slid off. You may have to "persuade" it a little to come off, depending on how long it's been since it was last removed.

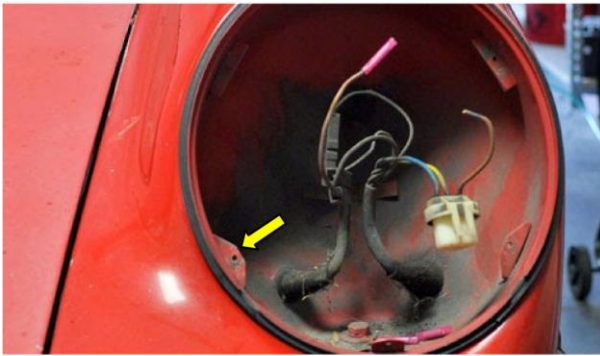


With the trim ring removed, you will have access to the 4 screws that need to be removed to remove the entire headlight assembly.

This is the same for H5 and Sugar Scoop headlights



After the 4 screws are removed, the connector can be unplugged from the headlight, and the old headlight can be removed completely.

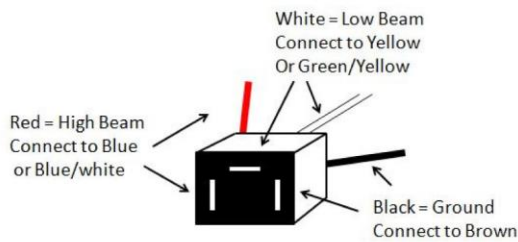


The Sugar Scoop Headlights use the same connector as the H4 or the new LED Headlights, and plug right in.

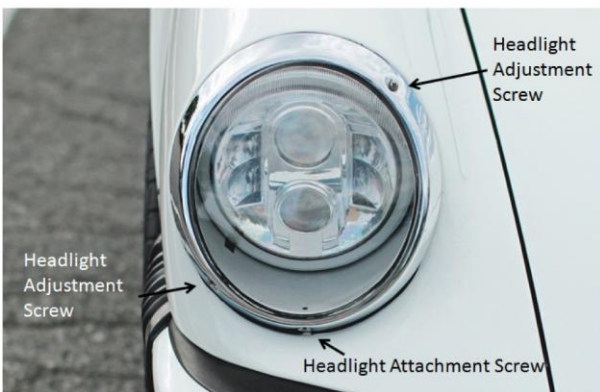
The H5 headlights use a different plug. If you don't got one of the plug adapter, you need to cut the plug off and connect the existing wires to the plug included with the new LED headlights.

Test fit the headlight and make sure it has enough clearance. It may be necessary to trim the taps, to make space for the inner bucket.

Connect the wires as shown in the image at the left.



The new headlight assembly only needs to attach to your car via the single screw that held on the stock trim ring that you removed from the first step. Connect the headlight to the harness, and insert it into the fender. There is a lip around the hole in the fender that the headlight will grab onto, and the screw that is on the bottom of the headlight assembly will attach to the tab that the screw from the original trim ring. It may take a few tries to align the H4 headlight screw with the tab on the body, so if it doesn't feel like it's grabbing, take the headlight out and try inserting it in from a slightly different angle. When the headlight assembly is properly aligned and the screw tightened, there should be no movement of the headlight.



Once you have both headlights installed, all that's left to adjust your headlamps so that you get proper coverage when the lights are on. There are two adjustment screws on the other ring that allow you to do it easily.