To retrofit the coming home/leaving home function in your Audi A4 B6 you need:

If your car comes with OEM xenon:

- Switch for CH/LH: 8E1 919 094 B 5PR (Color: Soul)
- Plug for cable: 8Z0 972 883 (Note that in some cars this plug is already there, hidden behind the light switch!)
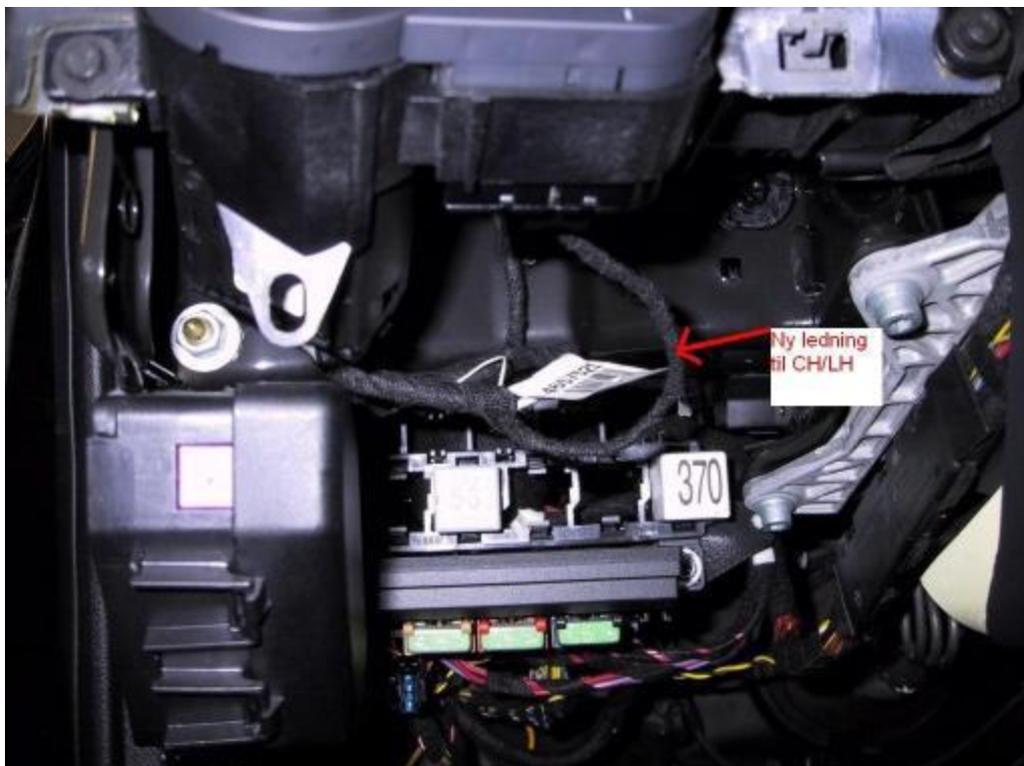
Without OEM Xenon:

- Switch for CH/LH: 8E1 919 094 A 5PR (Color: Soul)
- The plug is already there, because of the height adjustment

0,35 kvadrat cable (unsure what this equals to in imperial units)

If you have OEM xenon there is no plugs next to the light switch

If you don't have OEM xenon there is a plug next to the light switch for height adjustment.

Remove the cover underneath the steering wheel. This is secured with three 8mm bolts. There's one underneath the cover, and one on the right side of the cover. The third is located behind the fuse cover lid on the left side of the dashboard.

(New wire for CH/LH)

Disconnect the light switch. This is done by placing it in the 0 position and pushing the handle in, and then turns it clockwise until it stops and then finally pull the entire unit out. Disconnect the plug.

In the plug for CH/LH you need to mount cables in pin 4, 5, 7 and 8.

Pin 4 should lead to pin 1 on the light switch (black/blue)

Pin 5 should lead to pin 10 on the light switch (brown)

Pin 7 should lead to pin 24 on J515 (Central electronics). This has a 32 pin gray plug

Pin 8 should lead to pin 17 on the light switch (blue/gray)

Her er det 32 polede stik fra bordnetstyreenheden. Sæt en ledning i ben 24, som går til ben 7 på CH/LH kontakten.

(This is the 32 pin plug form the cent. Elect. Module)

(Cent. Elec. Module)

(The 32 pin plug)

(Here you should solder/attach the cable on pin 1, 10 and 17)

The blind cover (or cover with switch for height adjustment for those without xenon), can simply be pushed up from behind

(CH/LH switch)

The new CH/LH switch is mounted by just pushing it in and then attaching the cable.
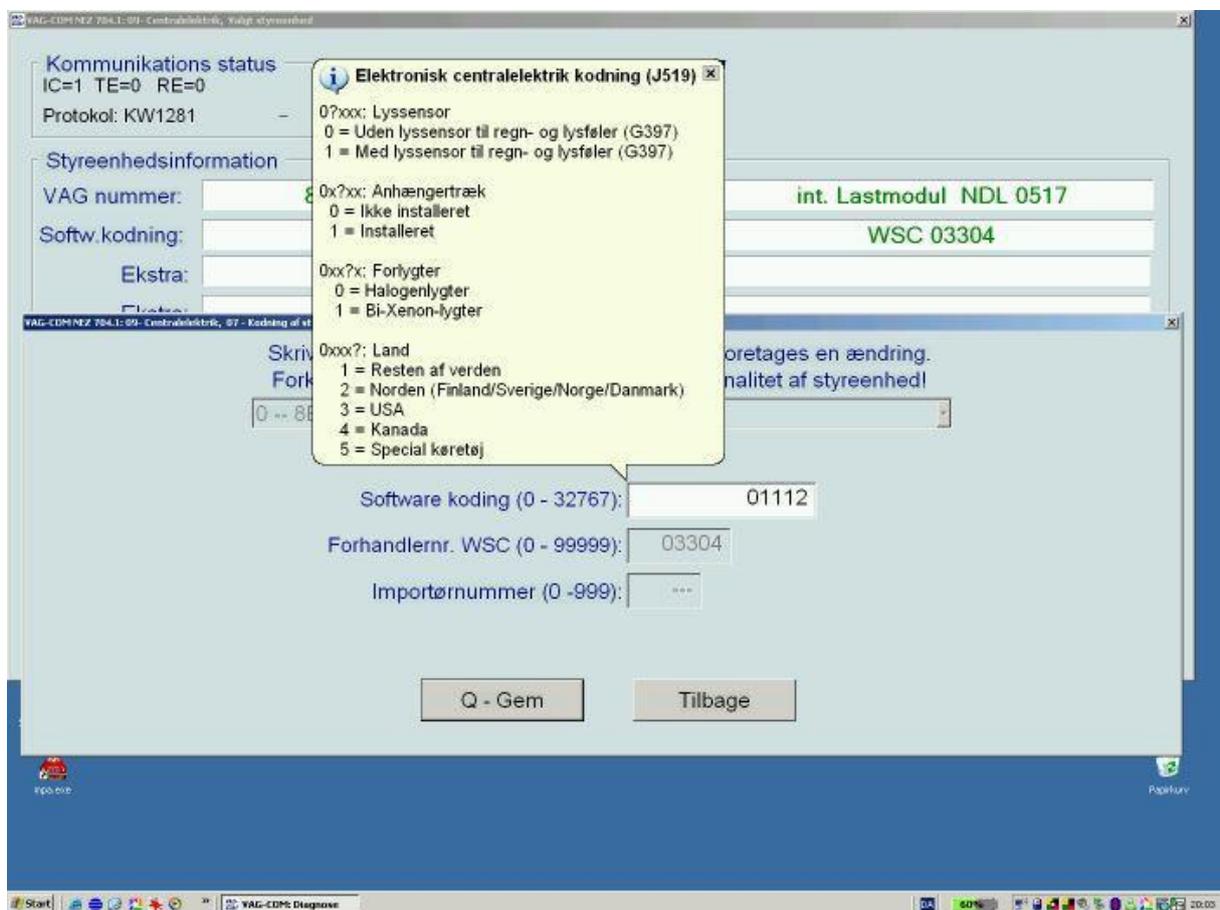
Then you need to attach the light switch again by pushing it back in.

Last you need to code unit 9 (J519 central electronics) to 01XXX in Vag Com

This is with light sensor

If you don't have the light sensor the CH/LH will work even during daylight. If you want full OEM functionality you need to install the light sensor which is located in the rear view mirror.

The central electronics module will give you an error message since the light sensor isn't there physically. But that doesn't matter.

The end result

Now your front fogs and rear lights will light up for 30-60 seconds depending on the coding, when the car is locked, and unlocked with the remote.

NOTE: You will need to have the central electronics module that ends with an F in order to this. If not, you need to switch out the module as well.

Some cars with OEM xenon already has the plug for CH/LH, and only needs the switch itself. For those it's plug-n-play. Find the plug, attach the switch, code in Vag Com and done!