



How to: Route sat nav wires through the dash

After what seems an age, i've finally decided to choose a satnav and i've gone for the Navigon 4350Max.

The main issue I have with aftermarket satnavs is one of untidy messy wires all over the place. I'm left eye dominant, so although there is another how-to showing how to route the wire next to the A-pillar, this wasn't a user friendly option for me.

So, this is what I did.

I want the unit to go just to the left of the instrument binnacle, which means the wire needed to come out of the centre air vent.



The airvent is a complete module, which has 4 retaining tabs at the top. Simply press down and pull out towards you, so the bottom of the module pivots.



It is a bit awkward to do and you need to apply firm, but equal pressure on the tabs, before it will pop out. It is a tight fit!

You can then see where the air-con ventilation comes from (those two holes below the white stickers!)



The easiest (imho) way to route the wire from here is (as you look at the dash) down to the left towards the glovebox. Here you can see a fuzzy black wire. This is the wire which controls the hazards, DTC and lock doors function. The satnav wire needs to follow this wire, but then drop straight down as if it were going down the right hand side of the glove box.



The next issue is how to get the wire into the glovebox as at first it appears to be a self contained unit. It is not! looking into the glove box, you can see an access panel at the rear left handside.



This simply pops open to reveal a fuse box.



At this point, it is still not possible to feed the wire dropped down from the air vent to the access panel in the glovebox.

Look under the glove box and you'll see a large trim panel which is roughly the size of the passenger footwell. This panel is retained by 3 hex nuts and one plastic push-through pin. You can see the location of two hex nuts in the upper most part of the picture below.



This panel clips onto the centre console by a plastic push through pin, which has a centre plastic capped rivet. This is a pain to remove, but i did it using a small flat bladed screwdriver to pull out the centre pin, which looks like this.



The remaining part of the pin now needs to be prised out with the screwdriver. The whole panel should now drop down. Be careful as this panel has the footwell light connected to it, some kind of small module and then a larger module. Anyone any ideas what this is for???



Now you will be able to thread the satnav wire down through the air vent and then route it through to the glove box. You will find that the wire is just long enough to reach the glovebox access panel. Here you will need a cig lighter extension cable and plug it in as below.



To route the extension wire, the neatest solution is to run the wire down the a pillar and under the sill. The sill cover simply pops off. in the picture, you can see that when i popped mine off (so to speak) the retaining clips

remained in place. Just take a flat blade screwdriver to these and they will pop out too. Just be careful not to scratch the paint with the blade.



Once the sill cover is off, the a pillar cover will pop off too. This is held in place by two retaining clips, so the whole unit can be carefully pulled out.



With the cover removed, it is easy to see where the wire can be routed.



Then it is simply a case of running the (extension) wire under the carpet/sound proofing and then under the passenger seat, under the armrest and into the cig power input next to the aux input.

In due course, i'm going to hardwire this in, so it looks completely stock, but i'll do a seperate "how To" for this.

This is the final look.

