

IntellilinkMods.co.uk

Intellilink R4.0 Retrofit Installation Guide

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Welcome

Thank you for purchasing your Intellilink R4.0 retrofit kit from IntellilinkMods.co.uk, we have supplied over 100 kits to date, transforming the looks and functionality of the Adam and Corsa.

The R4.0 upgrade kit is directly compatible with both the Adam and Corsa, irrespective of what original system was initially fitted from factory (BT3.0 – This is the non-touch screen unit with the orange display, or the Intellilink R3.0 – This is the Windows based touch screen unit without Apple CarPlay or Android Auto).

With the kit original factory functions such as steering wheel controls, vehicle settings menu etc are retained, whilst we strive to provide full compatibility with your retrofit integration, at the time of writing we are currently still in the research and development stage of allowing the reverse camera retrofit to be completed.

The kit is designed to be a direct “factory-look” replacement for your old system, once installed correctly the system will look as though the vehicle left the factory with the Intellilink R4.0 system.

Getting Started

Before beginning the retrofit process, you require the following tools.

1. Sharp Stanley knife or a Dremel, a Dremel is better suited to the job and can be obtained relatively cheap from most DIY stores or on Amazon for around £15.
2. A torx screwdriver, to allow the removal of your existing radio and front trim.

What else do I need?

As outlined in the product information, you will need to source a new “top trim”, this is the plastic coloured bar that runs along the front of your dashboard, it contains the hazard button switch, and air vents.

When sourcing this plastic trim, it is critical to understand the differences, on vehicles fitted with an R4.0 from factory the trim is different, as the R4.0 sits slightly higher in the dashboard compared to the R3.0/BT3.0 units, meaning the top bar is thinner in the centre.

These can be found on eBay by searching “Corsa E dashboard trim” or “Adam dashboard trim”. An important note is that eBay sellers often get confused listing the trim as fitting 2014-2018 vehicles, this is incorrect, only a trim from a “MY16.5” vehicle will fit, this means that the production date has to be beyond **01/06/2016**.

A good indication that the trim is correct, is by asking the seller for a picture of the white part number sticker, it will contain the wording “MY16” in the bold title of the part, this means it will fit your Intellilink R4.0 installation and your dashboard.

Example

Incorrect trim (From an R3.0):



Correct trim (From an R4.0 vehicle):

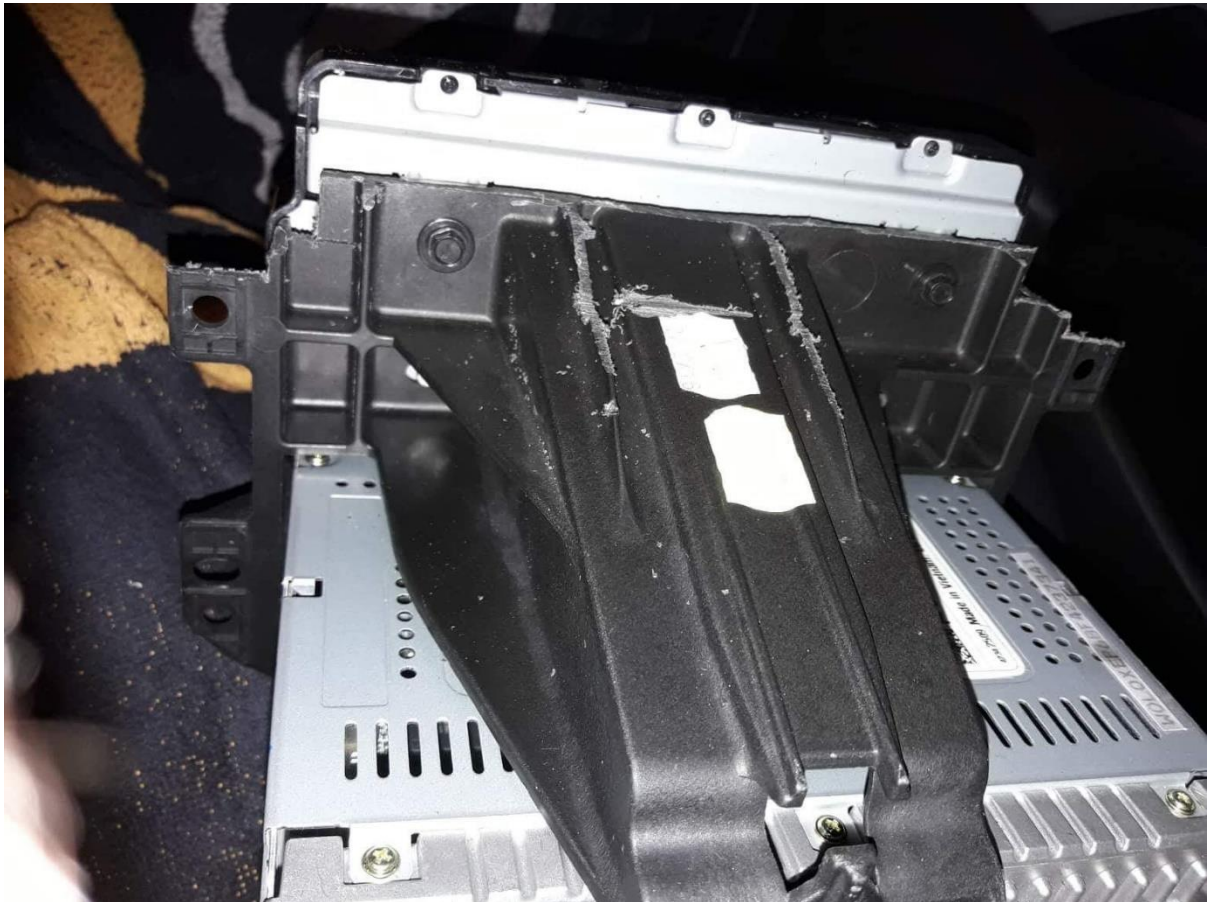


Step 1. Cutting the cradle

The first stage in the retrofit involves you cutting the holding cage of the Intellilink R4.0, this allows it to slot into the dashboard after you have made the modifications.

The modifications required to the cradle involve you cutting the extended arms off the cradle, and forming it into a tree shape as seen below.

Once the cradle has been cut into the required shape, it is ready to be fitted to the dashboard after the modifications have been made.



Step 2. Removing your existing R3.0 or BT3.0

Removing the trim

Once you have cut the cradle for the R4.0 unit, it is now time to remove your existing radio, this can be done by grabbing the top of the dashboard trim from the side closest to the speedometer (LHD or RHD vehicles), and pulling hard towards you.

An audible “click” will be heard as you pull, then sliding your hand under the trim gradually pull removing the trim, exposing two torx screws for the R3.0/BT3.0 facia plate.



Once you have removed the top bar, you will have the dashboard exposed like below, remove the two torx screws where the arrows point, then pulling the two centre tabs apart you can pull the R3.0 or BT3.0 facia plate towards you, it will click as it unclips from the dashboard. Do not pull too hard however as the cabling for the buttons will still be attached at this point.



Once the facia plate has been removed, disconnect the buttons on either side by sliding a flat headed screw driver down one side, and pulling on the cable, they will disconnect, once disconnected using the same flathead screwdriver, pop the buttons out from the R3.0/BT3.0 facia plate, these will be transferred to your new R4.0 facia plate.

Removing the R3.0 / BT3.0 radio

Once you have removed the facia plate the R3.0 or BT3.0 unit will be exposed, it is held in place by four torx screws on each corner, remove these screws and slide the unit towards you, ensuring not to pull too hard as there is cables connected behind.

Once the unit is slid forward and the cables are in view, disconnect the large square connector by clicking the button in on the top and pulling its locking arm towards the dashboard, it will eject its self from the radio whilst doing so, then moving on to the FM/AM and DAB connections (the green and black connectors), click the rear of the plug down with hard force, then pull towards you, they should then unplug, do the same for the blue USB-B connector.

Step 3. Cutting the dashboard

Once the R3.0 or BT3.0 unit has been removed, it is now time to cut the dashboard to accommodate the R4.0's physical size, do not worry about this stage however, as it does not prevent you from restoring your vehicles original radio, and the modifications are completely invisible, meaning the end result will be a factory-fresh install of an R4.0.

Cut the centre out

First using a sharp blade or Dremel, cut an approx. 1.5cm deep gap in the centre section of the dashboard, this allows the Intellilink R4.0's screen to sit flush in the dashboard. The best practice is to also completely cut the bottoms off the retaining clips on either side of the cut shown below, this allows the R4.0's fascia plate to sit flush in the dashboard.



Size the unit to the dashboard

Once you have made the cut in the dashboard, keep inserting the R4.0 into the dash, until the four screws of the R4.0 align with the screw holes on the dashboard perfectly, you should not need to apply any force to get the R4.0 to align with these screw holes. It may take a few attempts to trim all the required plastic away for the unit to fit, do not worry, it will take time to perfect the installation.



Trimming excess for fitting the R4.0's fascia

Once you are happy the unit is sitting flush in the dashboard, locate the two plastic sticks either side of the bottom corners of the R4.0, snap these off with a pair of plyers, as they are not needed for the R4.0's fascia.

Step 4. Connecting the R4.0

Now you have made all the required modifications to fit your R4.0 retrofit kit, you may safely connect the unit. First ensuring the ignition is off, and the keys are removed, plug your supplied retrofit loom into the large square ISO connector, ensuring the guide pins on the car-side of the plug align with those of the adapter harness we supply, once they are aligned and touching push the connector together whilst pulling the handle back up to lock it in place.

Once the adaptor loom is connected, plug the grey and brown plugs into their colour coded slots on the R4.0 unit. Once this has connected, connect the remaining FM (black connector) and DAB (green connector) to the R4.0 unit.

Due to the different design in the R4.0's USB-B connector IntellilinkMods removes the cage from the connector, so once you have secured all the other connections, just before you slot the unit into position plug the car's blue USB-B connector into the R4.0, ensuring it does not fall out during re-fitting, once in position it won't fall out and will be secure.

Once the R4.0 is back in position, insert your key and turn the ignition on, confirm the R4.0 begins to start, on the first occasion the R4.0 is connected it will take around 3 minutes to boot up from a "cold start", this is normal.

Once you are happy the unit is connected and working, screw the four torx screws into each corner securing the R4.0 into the dashboard.

Once the R4.0 is secure, clip your side buttons into the new R4.0 trim, once inserted re-connect the cables for the buttons, then clip the facia plate into position, it may take a few attempts to get the facia to sit flush, if you have forgotten to trim certain areas, the most common areas to forget at the top corners, due to not trimming the bottoms of the dashboard clips, and forgetting to snap the sticks off at the bottom left/right corners of the dashboard.

Step 5. Finished

Once the R4.0 is in position, and the facia plate has been screwed in on the two torx bolts on each corner, your new “top trim” can be refitted. The retrofit is now complete.

Frequently asked questions

1. **My R4.0 doesn't switch off after turning the ignition off?**

This is normal, the Intellilink R4.0 switches off when you open the drivers' door.

2. **Does my R4.0 need programmed?**

No, the unit is already programmed to your car's optional extras and VIN number prior to delivery, it is ready to connect out of the box.

3. **Can my R3.0 or BT3.0 be sold to another person?**

Yes, it needs the VIN changed on the unit to accept the other persons car however, with proof of purchase on an R4.0 retrofit kit, we offer a free of charge service in reprogramming your old R3.0 or BT3.0 to be re-sold, email us for more information.

4. **Are there any compatibility issues with the kit?**

At present the only known issues are that with electronic climate control it does not display the fan speed, and reverse cameras are also currently an issue. We are working on a fix for this and will be issued in the form of a USB update when available.