

CIC iDrive install on 2007 non iDrive e92 325i (pre LCI)

1. Parts:

- CIC unit
- CID unit (screen / central info display)
- CIC controller with bracket
- Idrive dash with CIC frame (all e9x dashboards are the same I believe)
Note: Dash comes out very easily with only few screws holding it in. Also you DO NOT need to remove the centre console to remove the dash.
- CIC trim panel
- Climate control unit relocation trim panel
- CIC controller centre console trim
- Splice connectors
- Old wiring loom or new wires in 4 different colours
- Female connector pins 0.2 - 0.5mm² or 0.75mm²
- CIC to CID lead
- Glove box USB to CIC lead
- Screen power connector
- Controller connector
- CID screws 2x
- CIC controller bracket screws 4x
- GPS antenna
- Emulator or vin change
- Coding

Note: if you are using emulator I suggest buying a **quadlock ISO extension** and plumbing the emulator into that as this way none of the existing car wiring is interrupted.

CIC to CID lead	61119185171	
Glovebox USB to CIC lead	eBay	
Screen power connector	61136954526	
Connector female pins	61131393704 x10 (0.2-0.5mm)	61138366260 x10 (0.75mm)
Controller connector	61138380696	
Screen screws	7147133553 x2	
Controller screws	7147122390 x4	
GPS antenna	(Simon) vorph on e90 post	
Emulator	eBay	
1:1 ISO extension	eBay	

OEM USB install

USB port	84109237656
USB port bracket	51169143599
Glovebox USB to CIC lead (90° end and a straight end)	eBay

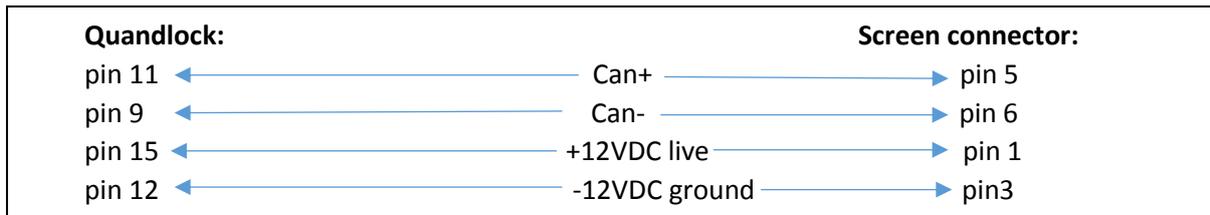
2. Wiring:

For this part I used [voucher76](#)'s write up which was very helpful but didn't entirely work for me so I came up with an alternative.

- Screen Loom needs 4 wires and there are two ways of doing this:

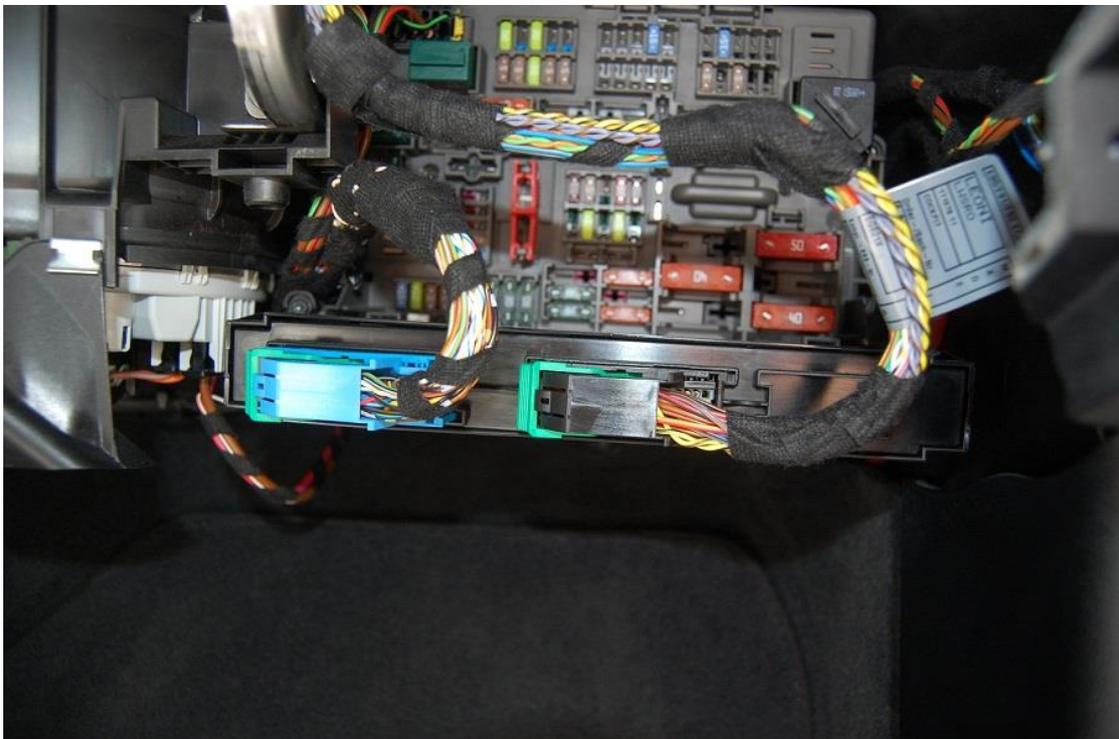
A. (not recommended as it isn't as neat as option B)

Tap into the quadlock harness at the back of the head unit or if you don't want to disturb the original wires just buy a **quadlock ISO extension** and tap into that using splice connectors.



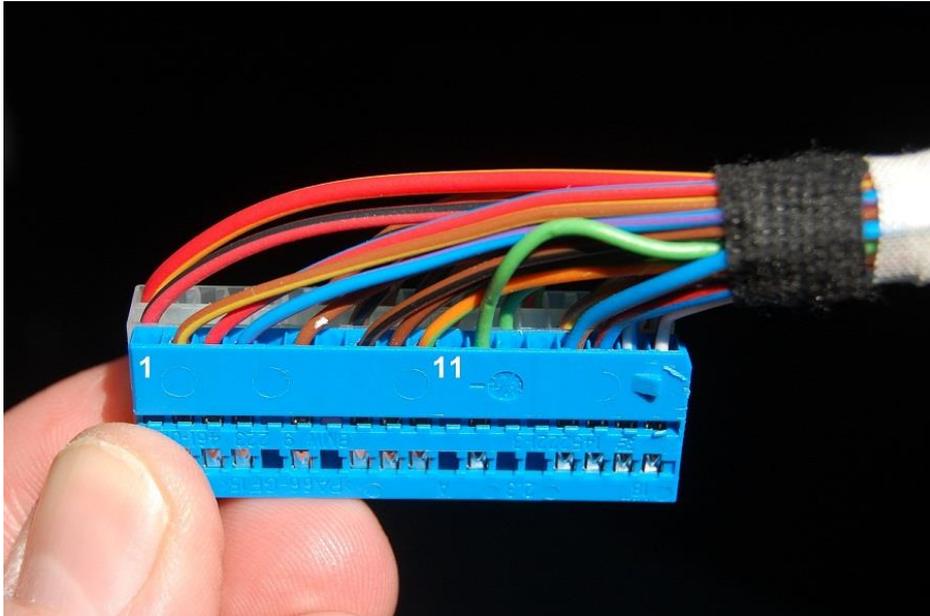
B. (Recommended OEM way)

Take power from JBE (junction box electronics) which is located behind the glove box. There are two connectors on the front of JBE x14271 (blue) and **x14272 (black)**, in my car black connector was on the right **though this may be different in your car according to [voucher76](#)** depending on the car's build date.

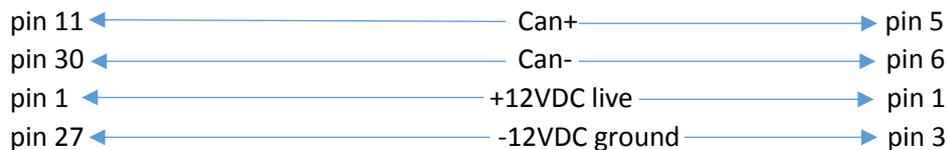


Black x14272 connector is the one we need to add wires to.

X14272 opened up:



JBE black x14272 connector:

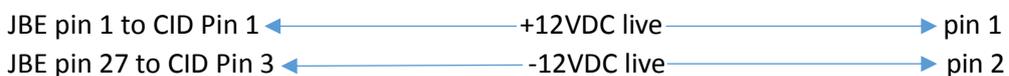


Screen connector:

Note: if your car is pre 03/2007 use pin 37 instead of pin 1 on the **black x14272 connector** for +12VDC live

- Controller loom again uses 4 wires, two for power and two for signal input to CIC unit. I took the power from the screen loom I made up between CID and JBE.

Screen loom:



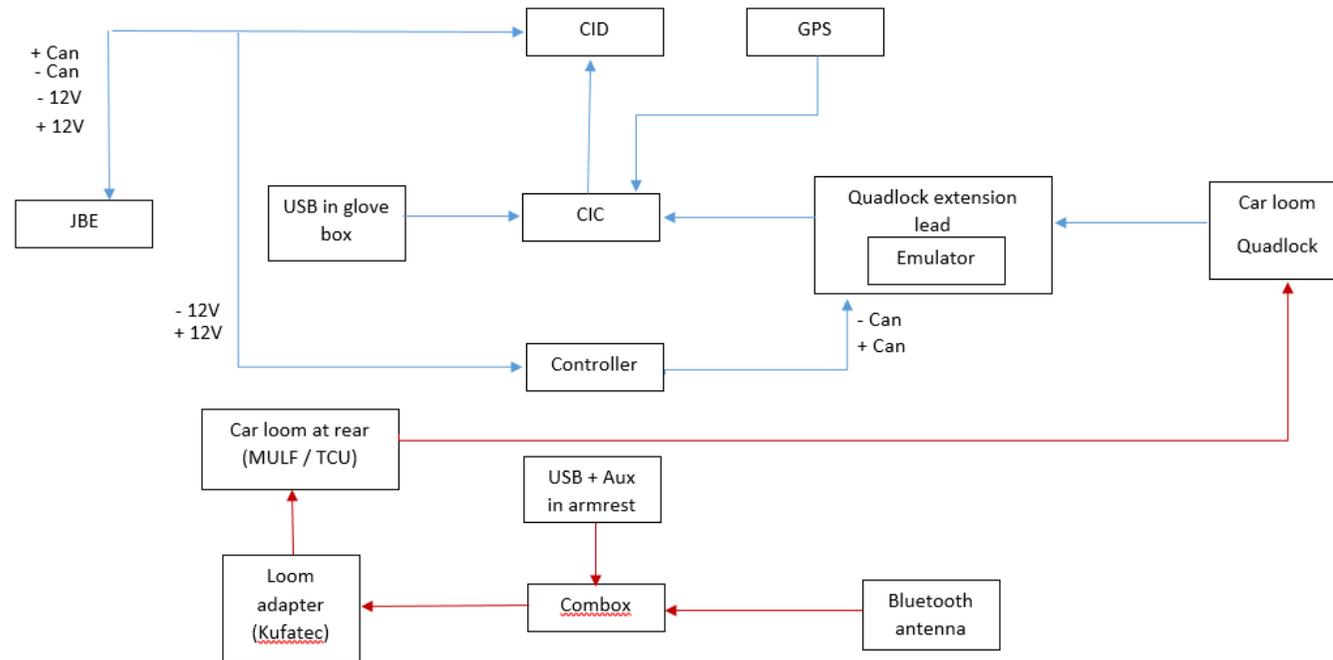
Controller connector:

Quadlock:



Controller connector:

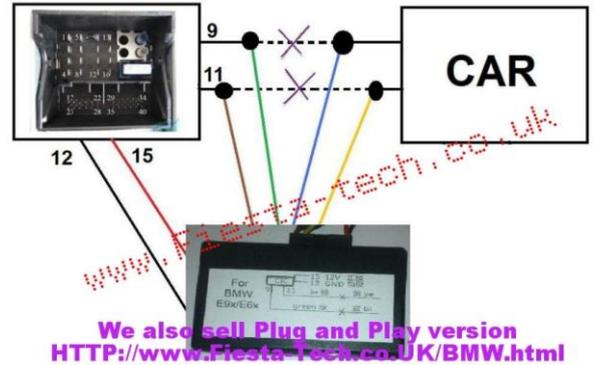
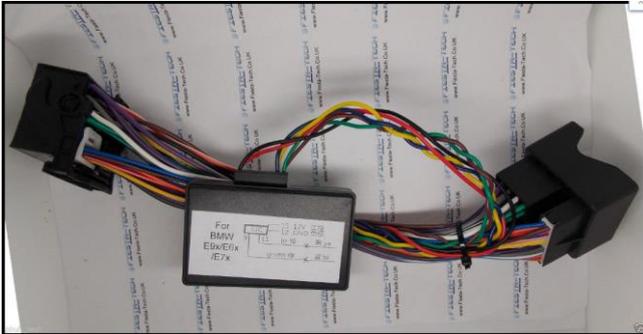
Wiring overview



- Emulator wiring

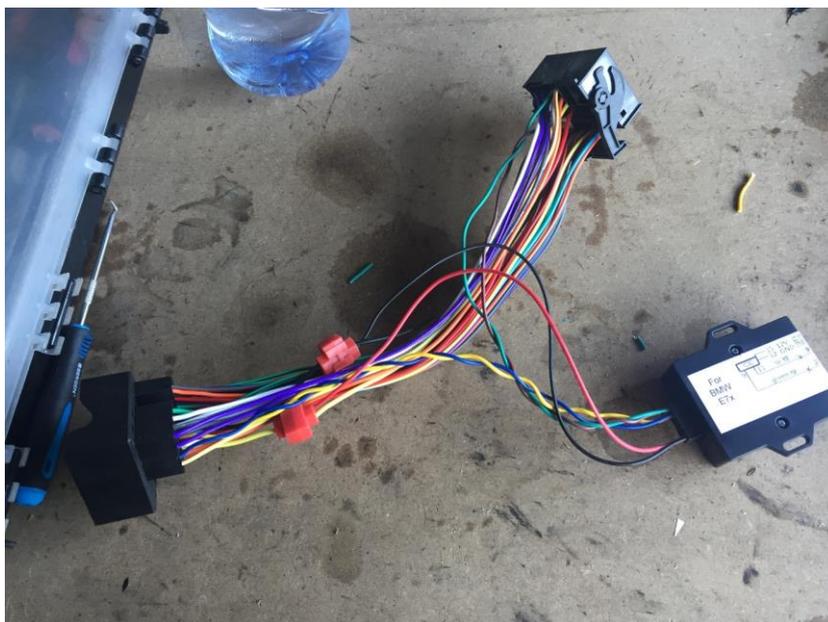
You can buy an emulator already plumbed into a quadlock ISO extension lead or you can buy the emulator and extension lead separately and save yourself about £30 which is what I did.

This is a pre-made one from ebay along with the wiring diagram:



This is my one:

I took the wires from pins 9 and 11 out of the ISO and moved the pins from them onto the emulator wires (green, brown, blue and yellow) then plugged them back into their original pin sockets, as they need to be wired in series. I then used the splice connectors for ground and live wires and the loom was ready!



Note: you will need to remove the CIC frame to tuck the extra wiring away on the left of the dash cavity.

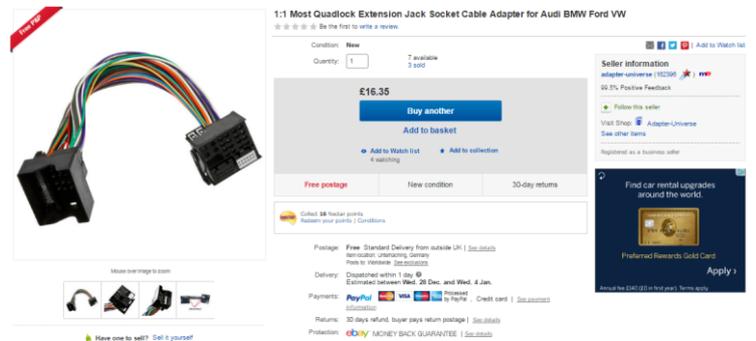
- Splice connectors (I used 22-16 gauge)



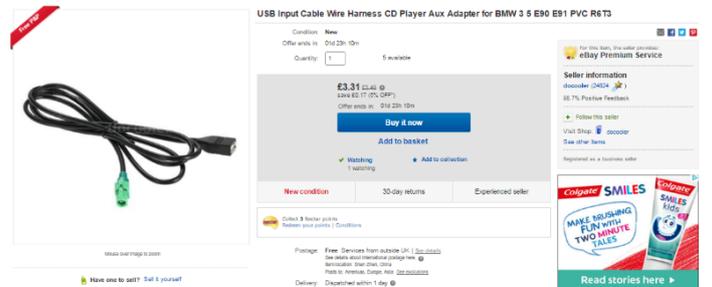
- Female connector pins



- ISO Quadlock extension



- USB lead with socket for the glove box.



- USB lead for OEM install to be used in conjunction with OEM USB port and bracket (I got one from BMW to start with but both ends had 90° bends on them which meant I can't use it with the USB bracket I got so here is the one you need)

