

Race Diagnostics Ltd

Liquidíbiliza MK4 Installation Manual



Required components

Fully assembled liquidIbiza Mk4 module.

One OBDII cable (supplied).

Cable ties and stick-on cable tie mounts (supplied).

Small block of foam rubber , not supplied.

Tools require to complete the assembly (not included in the kit).

String

4 large cable ties

Masking tape

Installation Instructions

First, remove the air vent that is desired as the mounting position for the liquidIbiza Mk4. see Appendix A.

Once removed, you can see the air ducting behind the opening.

To prevent hot or cold air from the HVAC system leaking behind the dash the air duct must be capped. Cut a piece of 2 to 3cm foam rubber slightly larger than the air duct opening size and fit into the duct, taking care not to block the duct behind to the other vent.



Next the OBD cable needs to be fed behind the dash. To do this, first link together 3 or 4 large cable ties as shown below.



Next feed the cable ties into the dash air vent opening on the right side in a downwards and right direction towards the back of the driver's foot well area.



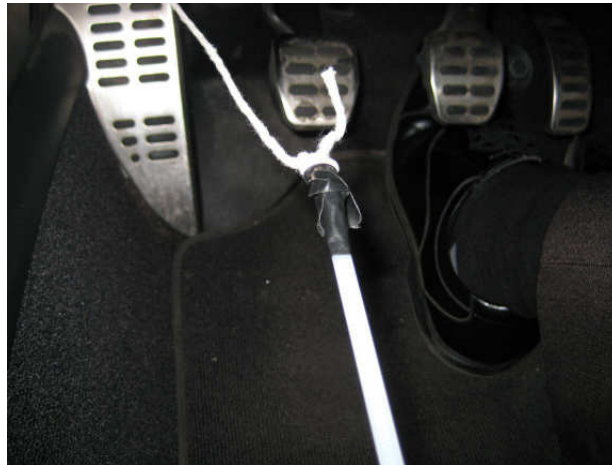
Eventually the end of the cable tie will emerge as shown below.



Next fold over the top of the cable tie and tape it into a loop and thread through a length of string.



Pull on the bottom of the cable tie until the string emerges in the footwell.



Detach the string from the cable-tie and tie to the 9-pin D connector of the OBD cable. Next, gently start to pull the string back through the air vent opening, pulling the OBD cable back up with it. The cable will snag on the way, each time it snags, pull the OBD cable back down a few centimetres and gently rotate the OBD cable. Eventually the 9-pin D connector will emerge from the air vent opening.



Untie the string from the cable and attach to the liquidIbiza Mk4 module ribbon cable

Feed the OBD cable back in behind the dash.

Then push the liquidIbiza Mk4 module back into the dash.

Next use the cable ties supplied to tidy the OBD cable beneath the dash area.



Finally plug the OBD connector into the diagnostics port, the installation is now complete.



Appendix A

Taking out the air vents:

- for the side vents:
 - put a screwdriver between the plastic circles (that you probably want to replace) and simply try to force them out bit by bit, without breaking them
- for the centre vents:
 - disassemble the centre console (as the picture above)
 - there are 4 clips holding the entire vent in the console
 - push the clips from inside (put your hand through the hole for the centre panel) and you will be able to simply pull out the whole vent.
- the centre bit on the vents (on/off "switch") is just pulled out from the vent if you want to take that apart too...



Removing the centre console:

- pull out the bottom bit, there are 2 clips holding it in place (bottom two green circles)
 - take out the head unit and the plastic "shelf" under it
 - undo 7 torx 15 screws (red arrows)
 - pull the console towards you, there are 3 clips holding it on (the rest of the green circles)
 - unclip the connectors for the rear window heaters and the repeaters
 - undo the 2 more torx screws holding the AC to the console (yellow arrows)
- the console should be free now

