Kess V2 Buying Guide

Kess V2 Buying Guide: What's the exact difference between kess v2 slave or master? It's better to buy original or clone are good?

It all depends. Kess v2 good clone used be ok for older ecus only, but now also work great with newer ones. and with a slave，you will have to rely on the master for your maps where as if you have a master you can write your own or choose where you get them from.

Kess v2 master:

If you have a master version you can work directly on the program you have write on the vehicle (tuning, egr off, ...) and rewrite after directly.

Kess v2 slave:

If you are a slave version (who depend of a master (who do modificated), you read the program (crypted by genius), you send it to the master, he do what you what (money paid) and he re-sent to you to write in the ecu machine.It is expensive for the slave version user who depend of a master.

Kess v2 slave into master:

clone kess v2 floods the market is why there is lots of genuine kess slave for sale, plus most slaves cannot do boot mode

the advantages of using original kess v2 and converting it is that you have genuine original kess hardware, so the chances of hardware failure is smaller

if you can fit genuine nxp chip then great, otherwise you will converting to Chinese **NXP** with the Chinese firmware

advantages are that converted unit does boot mode, and in some cases have more protocols, you already said yourself you want more freedom, and likely better tuning files!

Kess v2 original:

It's made by Alientech

Kess v2 china clone:

You can see how much the kess v2 clone looks like the original.

If you go with Kess v2 china clone, you will have lots of options.

Look here:

Kess v2 (se137)

[Kess v2 (se137-b)](#)

Kess v2 (se137-c)

[Kess v2 (se137-c1)](#)

No comment on China knockoff quality, I mean a working kess v2, Chinese made or not.

Kess v2 clone into genuine:

Photo is of original board so check all others components to be as per this one.

If photo is not clear enough ...
Transistors to use :
BCR112
MMUN2113
BC817

Murata filters:
NFE61PT472C1H9L (connect ground for all of them)

Capacitors:
1uF - 35V
220uF - 10V
10uF - 16V tantalum

Fill up all holes from side to side
Use photo as reference if others components are different

Then the clone KESS V2 will also work like a charm

The last: Kess V2 or Ktag?

KESS V2 is a ECU programming tool that is perfect for OBD use, while KTag is perfect for Jtag, BDM and all the Boot application (tricore and ST10).

With KESS V2 you programming directly through the OBD port of the vehicle, while with Ktag you need to take apart the ECU and open it, after you can make the read/write operation.

Many ECU has the advantage that can be read and write from OBD port (so KESS V2 is perfect), but there are lot ECU that need to disassemble from the car and open and this is the case for all the ECU that need to be programmed with Jtag, BDM and Boot protocols, so KTAG is needed.