

Model Year 2010 onward - ECU Security

VW Audi Group have updated the ECU security from 2010 model year vehicles with MED17 and EDC17 ECUs. This is an enhanced version of ECU security that has actually been incorporated in Bosch ECU's since the launch of EDC16, but has only now been fully activated. This issue affects all remap/tuning companies.

It is not currently possible to override this security lock by communicating with the ECU via the OBD2 port. Therefore these late model vehicles cannot be remapped by flashing an rvo file through the OBD2 Port

However it is possible to deactivate the security lock if the ECU is removed from the car, opened up and then the communication takes place directly with the board using a probe. Once unlocked an rvo file can be flashed into the ECU either on the bench or through the OBD2 port in the usual manner.

At this point in time Revo is able to offer this bench flash service for your customers' ECU's from its UK and US Support Offices.

Please contact your Support Office with details of the car, ECU ID and Software code, and they will be able to indicate what is involved and the turn around time in each case.

How can I tell if a car has this security lock active?

There is no tell-tale sign in the ECU ID or software coding, that the security lock is active. Cars can have the same ECU ID and software coding but some have the security lock out, and some don't. However, if it's a 2010 build date, and EDC17 or MED17, then the car it is likely to have the lock out.

IMPORTANT:

If software is flashed to a car with the MY2010 security lock still active then the car will not start and will require a complete factory file (Revo Stock File) to be flashed back into the ECU in order for it to function.

Note: Other tuners that use data-area only tools are likely to have problems with all MY2010 affected cars if they attempt to flash them normally, as even putting in the data-area stock read could cause the car not to start.

New Tools

Revo is also working on a solution that will enable the Revo Dealer to deactivate this security lock yourself, without having to mail the customers' ECU back to Revo Support Offices. A further announcement on this new Dealer tool will be issued over the next month.

For details of options available to you and your customer please contact your Revo support office with details of the car, ECU ID and software code.