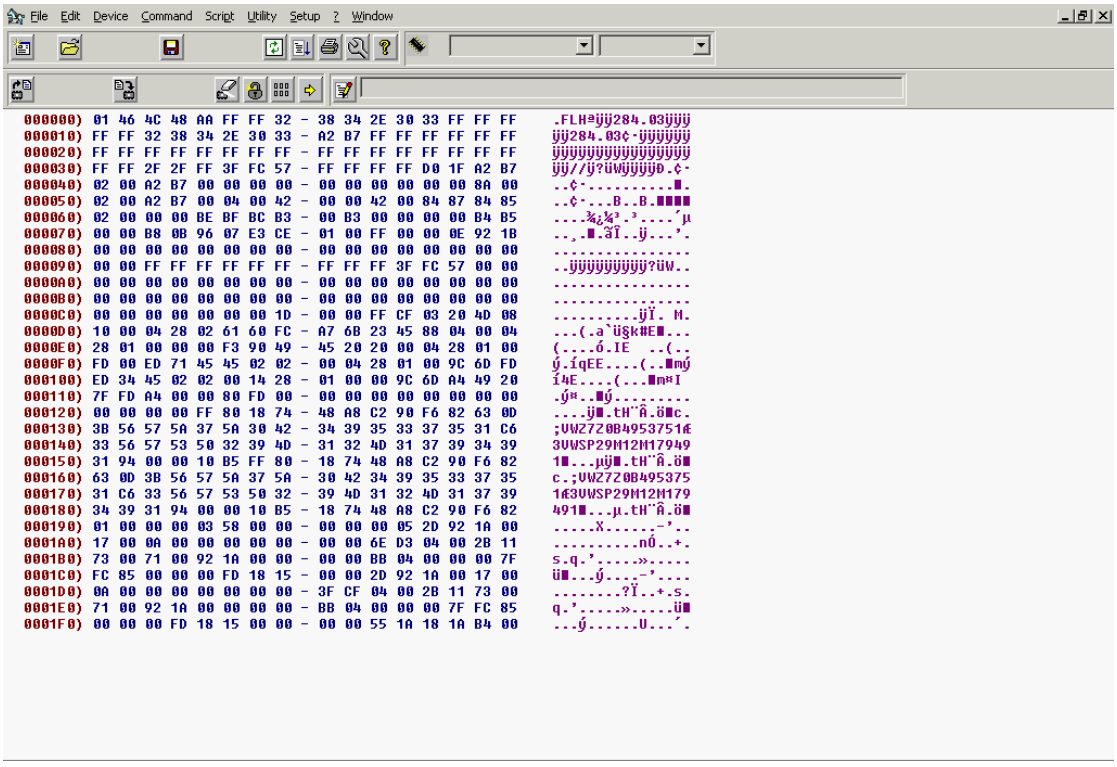
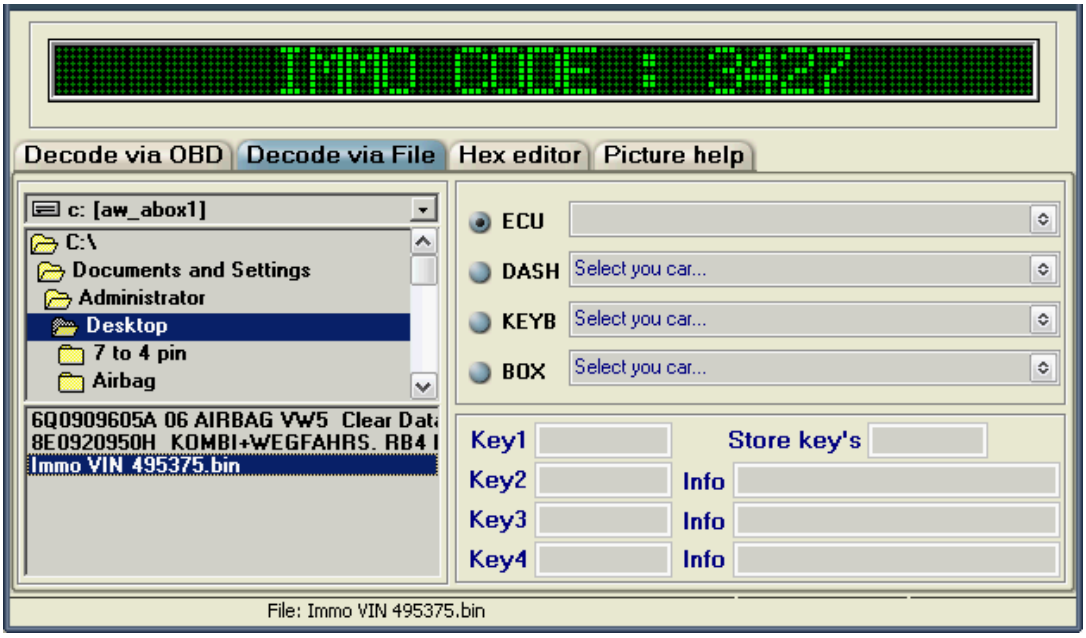
The VW and Audi Immobilizer – Continued

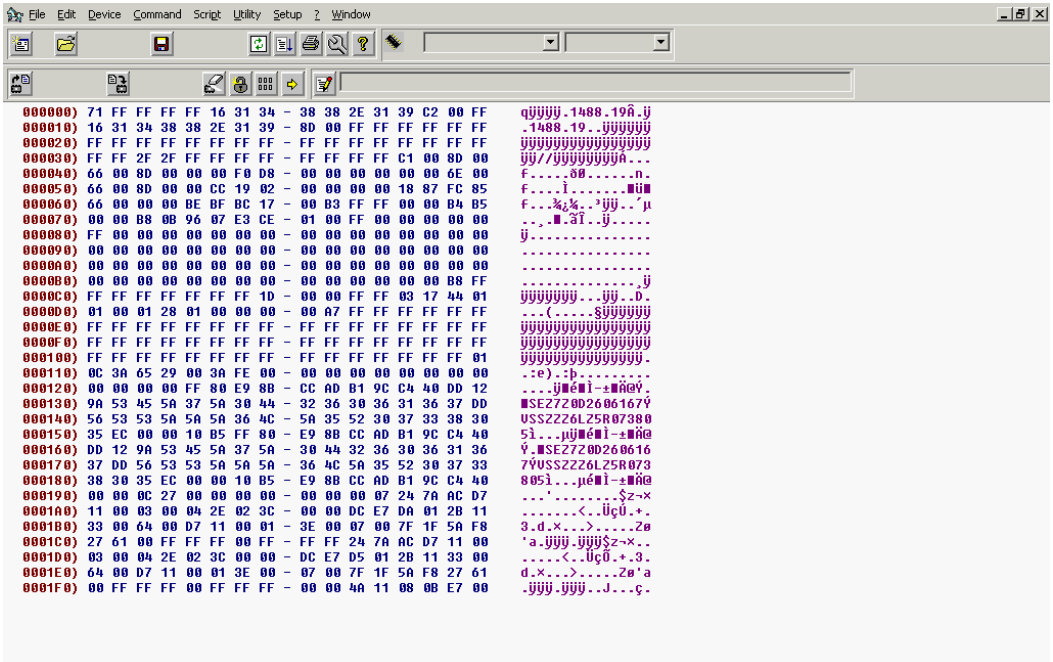
This update should lay to rest many theories that Shop Owners and Technicians have with the current Immobilizer. The next group of images will indicate that even used parts can be reused. The repair facility still doesn't require dealer intervention. In this discussion, the same 2002 Jetta TDi ECM is used prove the "copy and paste theory". The proof is that data from an original ECM can be transferred to or from the new/used ECM for immediate service.



This is the original ECM data, suppose the ECM is defective and a used ECM has been acquired for installation. After de-encryption, the data can be reinserted into the Immobilizer. The next figure indicates the PIN of this original TDi ECM.



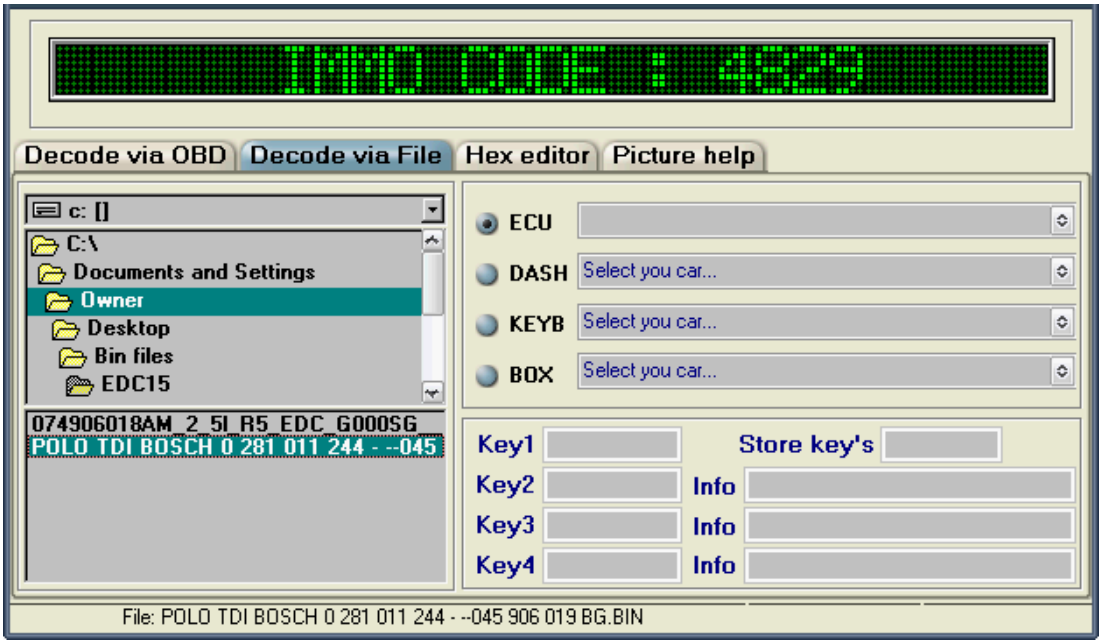
The proof is that the new data set was accepted. The next example only indicates a European data set. This next image is the de-encrypted data set from a downloaded European bin file. This file can now be incorporated into this TDi Immobilizer with the correct encryption.



THINK OUTSIDE THE BOX

Could this not be used to swap out a defective controller?

With the correct de-encryption process the new pin is now available. View the next image.



Some will ask why, the answer is why not. Think about how much time it will take to accomplish this task as a dealer purchase:

1. Diagnose the issue and confirm the repair with the customer.
2. Call the dealer/rebuilder and acquire the ECM (pray they get the correct one the first time).
3. Wait for the parts.
4. Send the car to the dealer for Immobilizer realignment (towing????).
5. Wait till they give you the time of day.
6. Add up all the expenses.
7. Have the vehicle returned to the customer.

Let's try this my way:

1. Diagnose the issue and confirm the repair with the customer.
2. Pull the (de-encrypt/encrypt) data from the ECM
3. Call a used parts source/rebuilder and hope for the correct part
4. Rewrite the de-encrypted data into the used ECM
5. Start the engine (no login required) and deliver the vehicle.

"there are no answers, it's the choices that are made". AF