Coding a Used LSZ (LCM) Module with PASoft/BMW Scanner

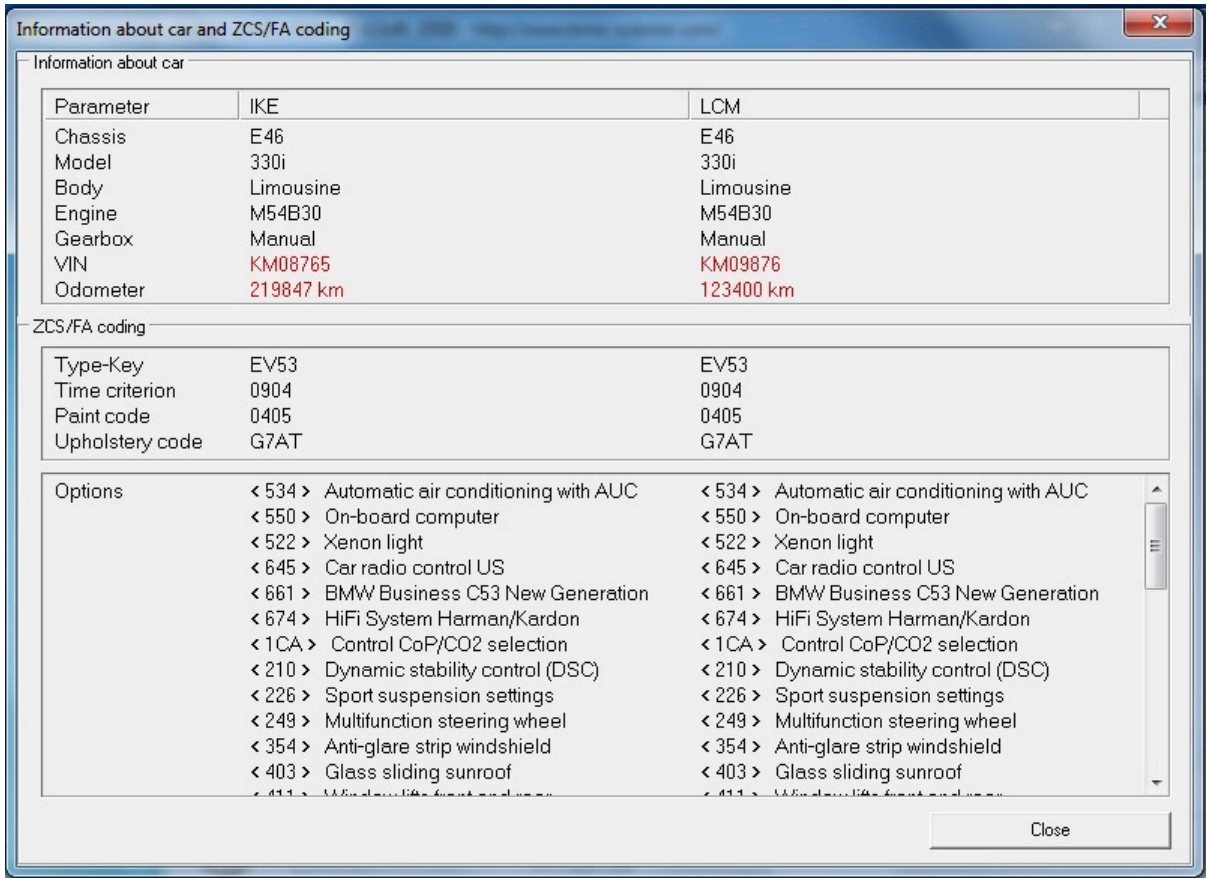
Overview

Looking to swap your malfunctioning Light Control Module? Swapping to a newer one with triple-blink functionality? Up until a certain time, you had to buy a new LCM in order to support these capabilities. If you were to buy a used LCM and bring it to the dealer, they would refuse to code it, saying that they cannot code used LCMs and that it is impossible to do so.

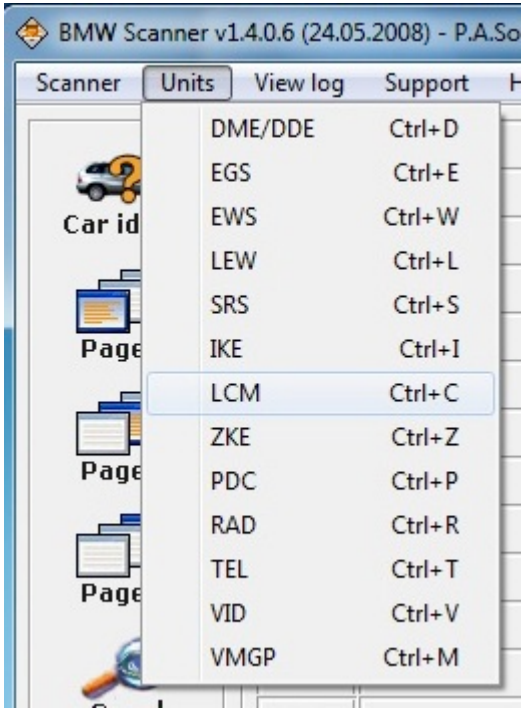
It is indeed possible to code used LCMs with PASoft/BMW Scanner. This guide will walk you through step-by-step on coding a used LCM to match your vehicle's VIN number and mileage. The procedure starts on the next slide.

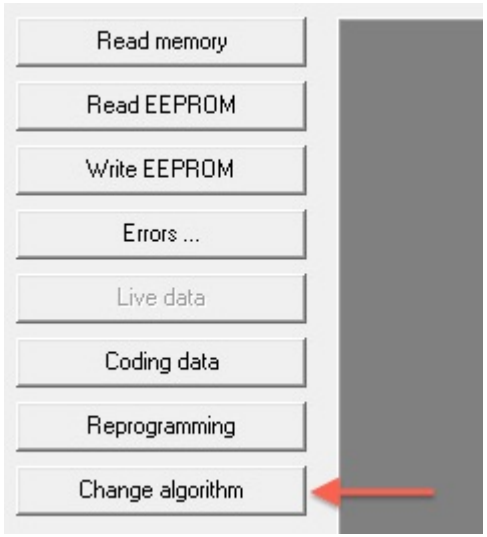
Hook up your PASoft/ BMW Scanner cable and module into your vehicle's OBD-II port and ensure that the system detects the cable. Launch the software. Press Continue on the first popup you encounter.

Once you Continue, the software will run for a moment and bring up a report on mileage, VIN, and options for your vehicle. Make note of the mileage (km) on the IKE.



Select *Units* from the menu and choose **LCM**.

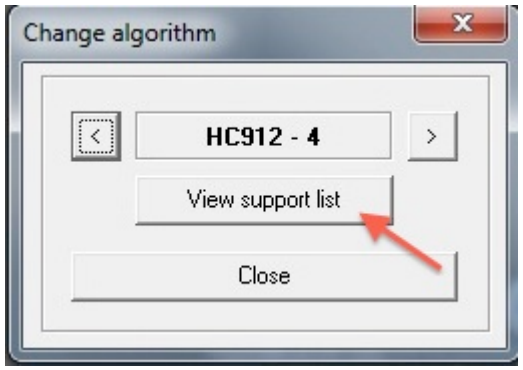


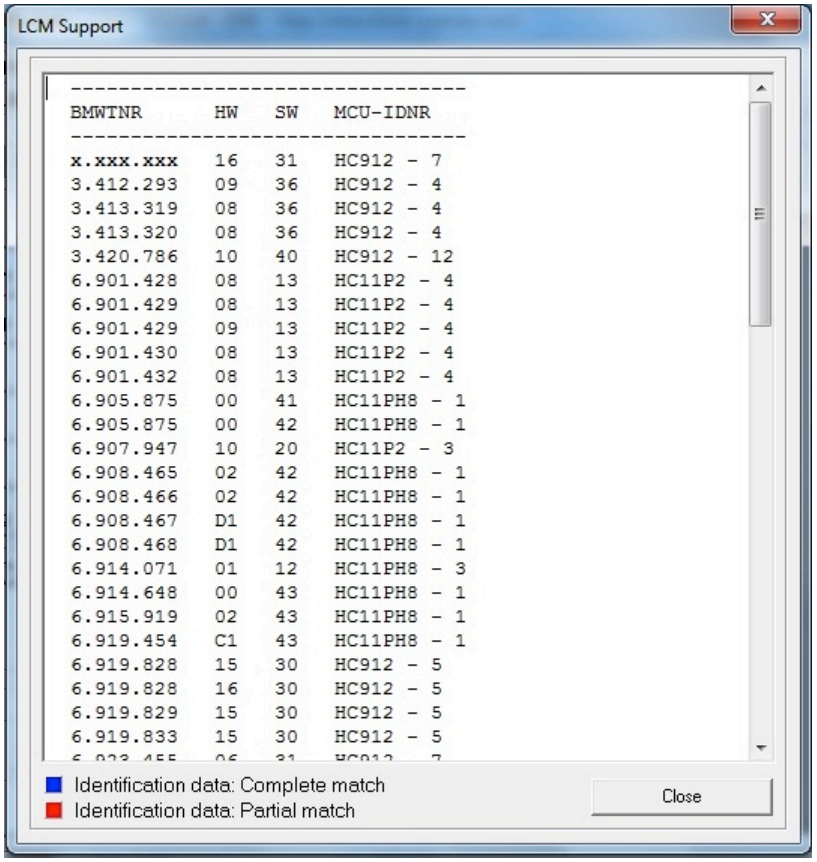


You will need to determine the correct algorithm to use to code your new LCM. This is determined by the hardware and software revision of the unit. You can find this information on the sticker on top of the unit.

Click on **Change algorithm**.

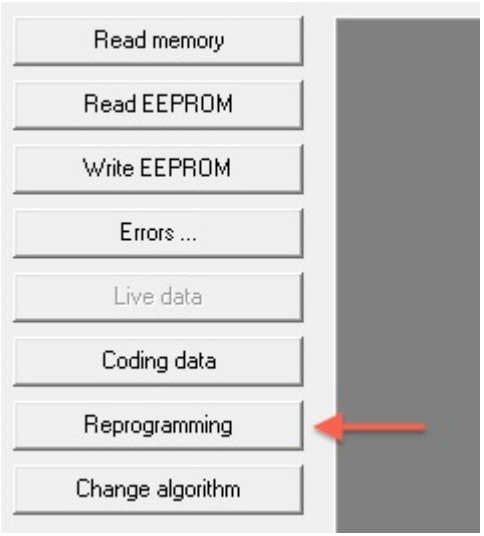
Click on **View support list**.



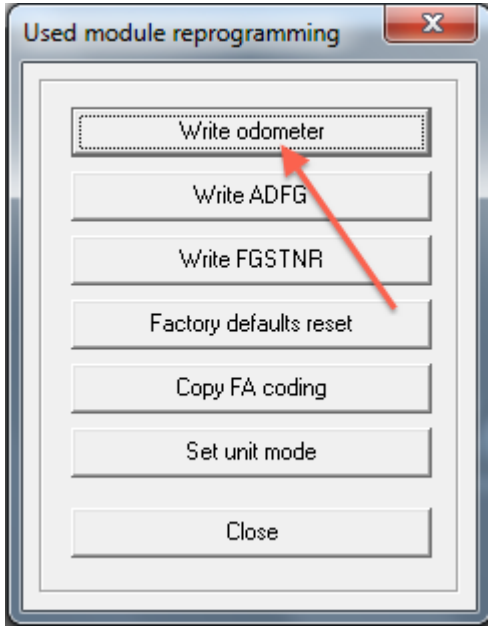


The column *BMWTNR* is a list of part numbers. Match up the part number of your LSZ the best you can. If you find a match, then use the highlighted (should be in blue) line of data to determine the algorithm to use. *MCU-IDNR* is the algorithm you will need to select. If you can't find a direct match, then use the HW and SW versions (the two must be identical to what's on the unit) to find the correct algorithm. Click **Close** when finished with your selection and use the arrows on the *Change algorithm* screen to select the correct algorithm.

Click on **Reprogramming**

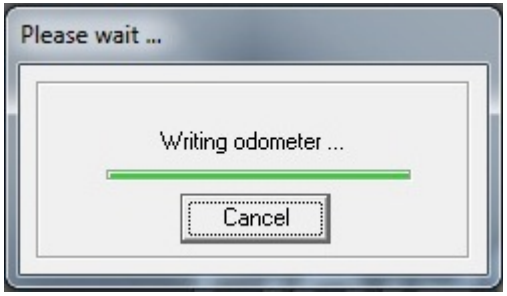


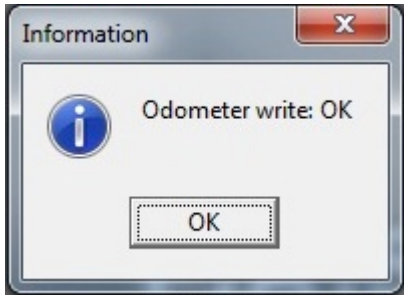
Write odometer



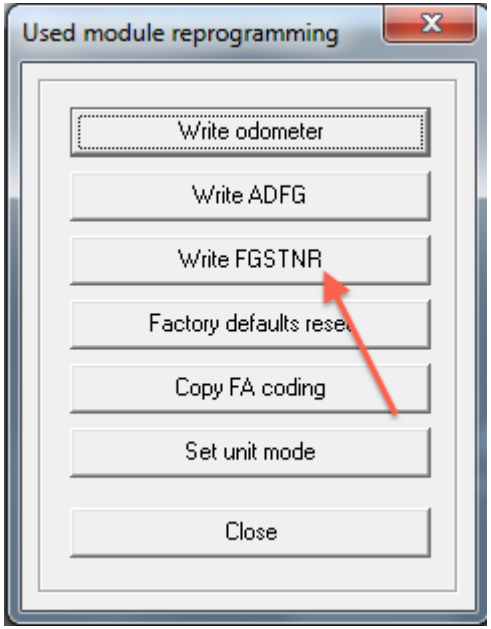
Enter new mileage values under *New odometer*

You will see the following…



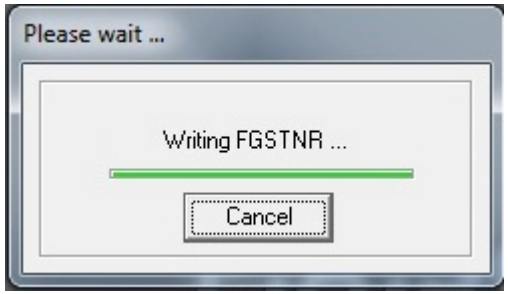


Write FGSTNR (VIN Number)



Enter the **Last 7 Digits of your VIN**

And then…



Done.