

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

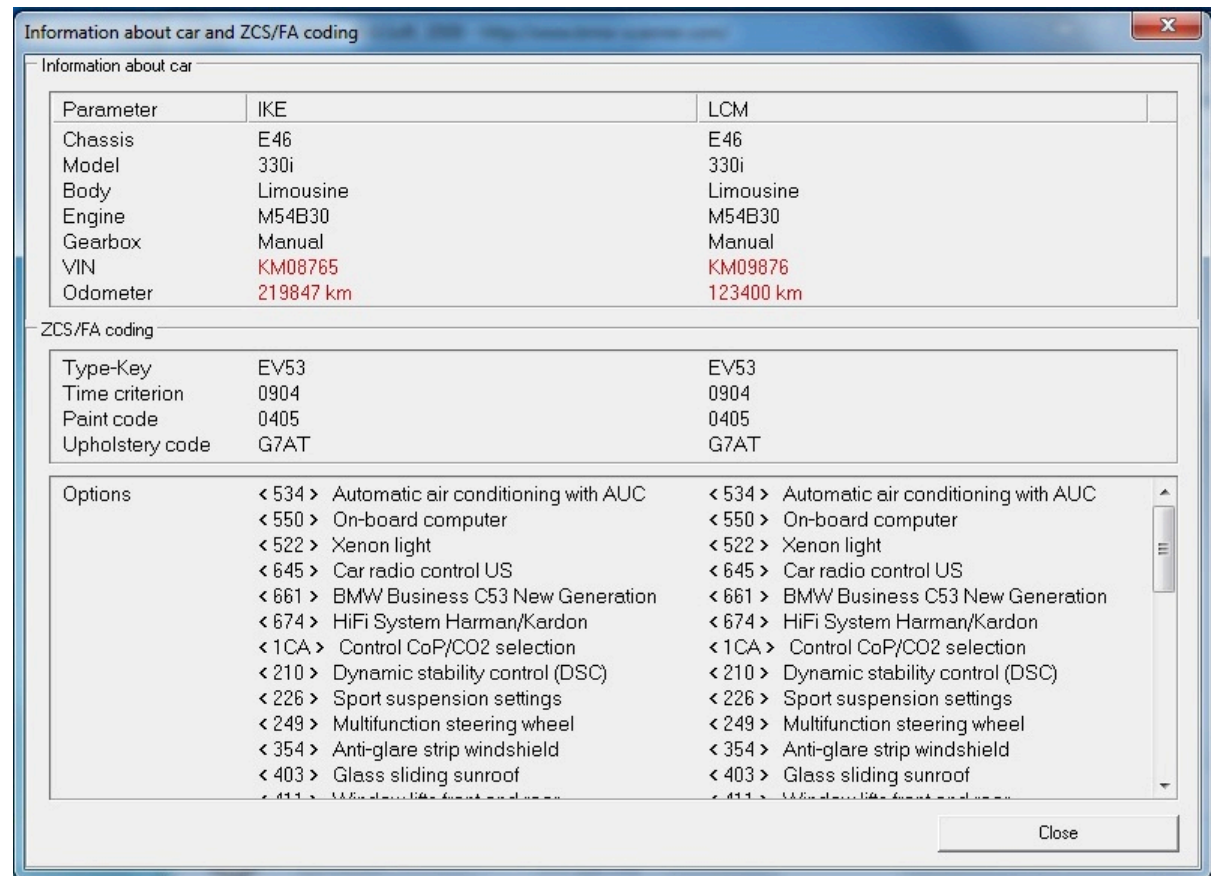
Overview

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.

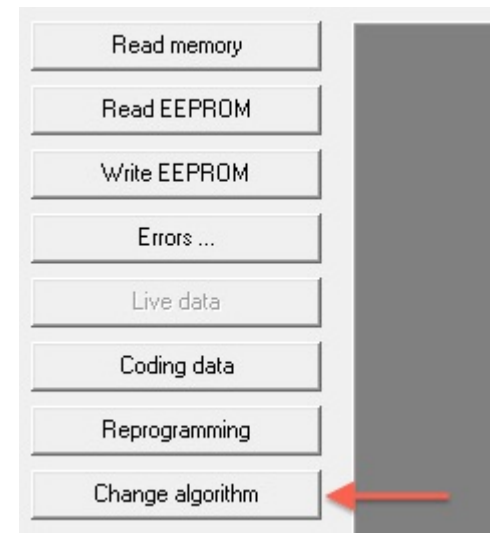
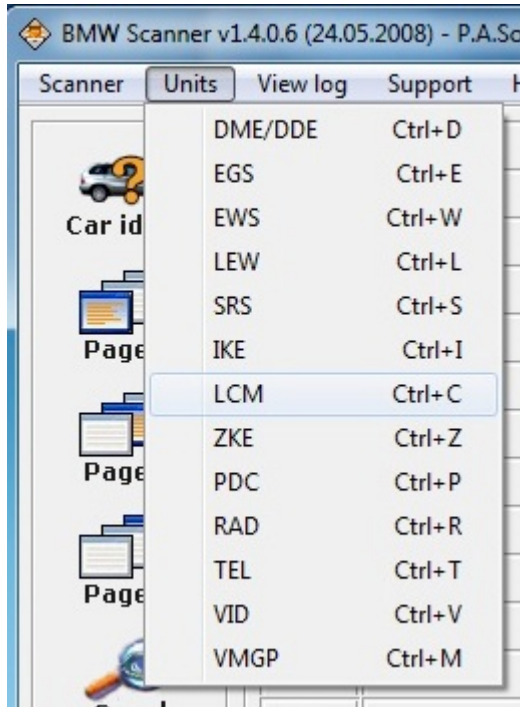
It is indeed possible to code used LCMs with PASoft/BMW Scanner. This guide will walk you through step-by-step on coding a used LCM to match your vehicle's VIN number and mileage. The procedure starts on the next slide.

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.



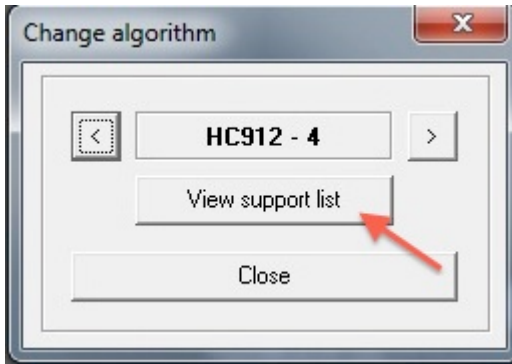
Select *Units* from the menu and choose **LCM**.



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**.

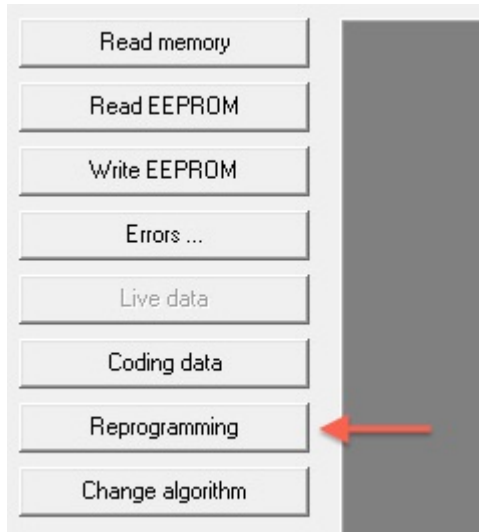


The 'LCM Support' window displays a table of support data. The table has four columns: BMWTNR, HW, SW, and MCU-IDNR. The first row is highlighted in blue, indicating a complete match. The legend at the bottom indicates that blue highlights represent a 'Complete match' and red highlights represent a 'Partial match'.

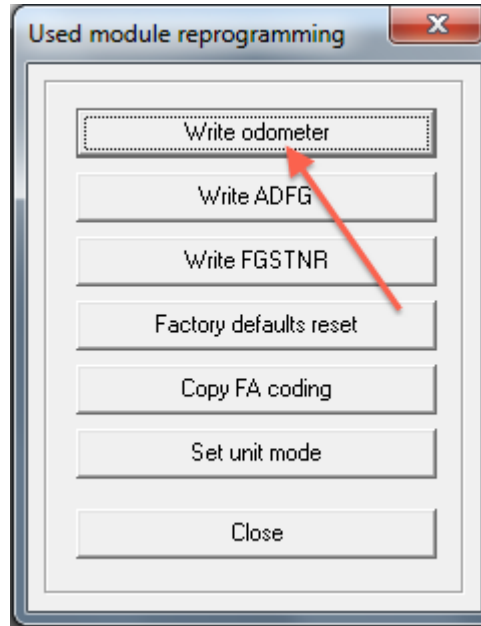
BMWTNR	HW	SW	MCU-IDNR
x.xxx.xxx	16	31	HC912 - 7
3.412.293	09	36	HC912 - 4
3.413.319	08	36	HC912 - 4
3.413.320	08	36	HC912 - 4
3.420.786	10	40	HC912 - 12
6.901.428	08	13	HC11P2 - 4
6.901.429	08	13	HC11P2 - 4
6.901.429	09	13	HC11P2 - 4
6.901.430	08	13	HC11P2 - 4
6.901.432	08	13	HC11P2 - 4
6.905.875	00	41	HC11PH8 - 1
6.905.875	00	42	HC11PH8 - 1
6.907.947	10	20	HC11P2 - 3
6.908.465	02	42	HC11PH8 - 1
6.908.466	02	42	HC11PH8 - 1
6.908.467	D1	42	HC11PH8 - 1
6.908.468	D1	42	HC11PH8 - 1
6.914.071	01	12	HC11PH8 - 3
6.914.648	00	43	HC11PH8 - 1
6.915.919	02	43	HC11PH8 - 1
6.919.454	C1	43	HC11PH8 - 1
6.919.828	15	30	HC912 - 5
6.919.828	16	30	HC912 - 5
6.919.829	15	30	HC912 - 5
6.919.833	15	30	HC912 - 5
6.922.455	06	31	HC912 - 7

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.

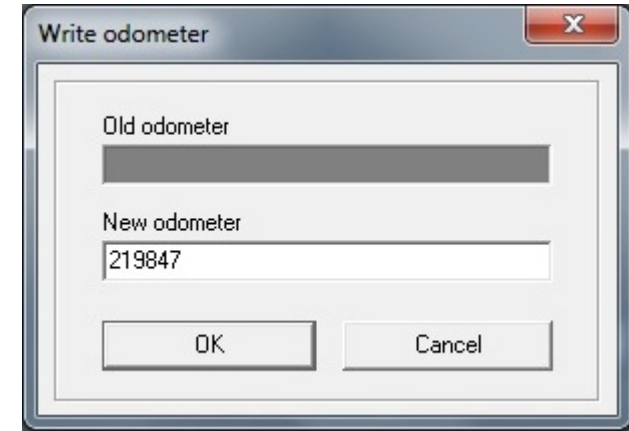
Click on **Reprogramming**



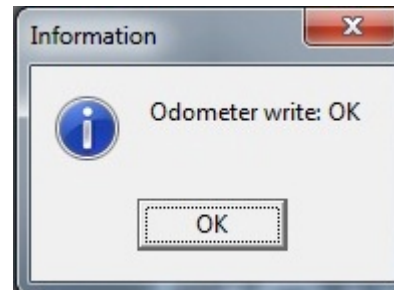
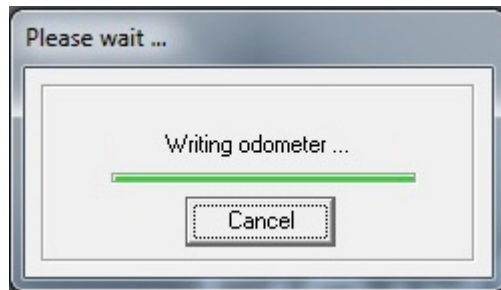
Write odometer



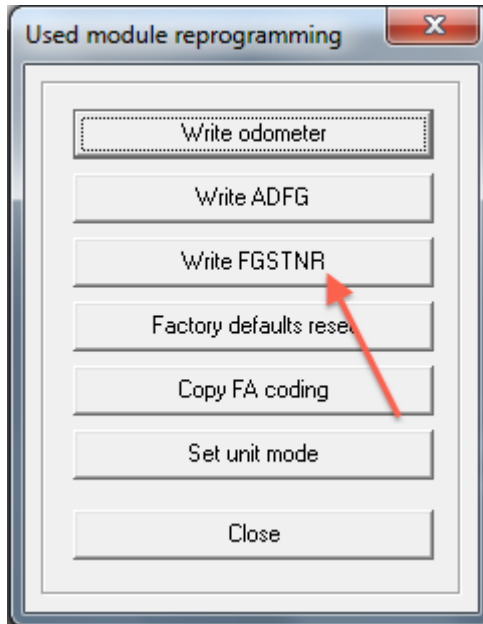
Enter new mileage values
under *New odometer*



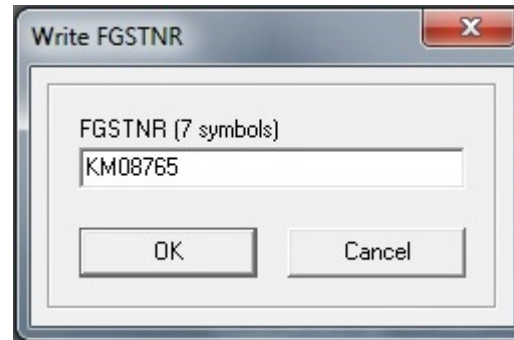
You will see the following...



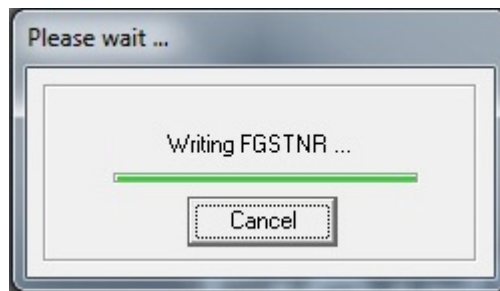
Write FGSTNR (VIN Number)



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



And then...



Done.