## How to use NCS expert to code.

Download BMW Tools to begin.

## **Once BMW Tools is installed**

- Open NCS Expertentool
- File > load profile > Revtor's NCS Expert Profile
- Start (F1)
- Chassis > Select vehicle.
- Select ECU
- Back (F6)
- Process ECU > Select ECU Module
- Change job to Read coding data (CODIERDATEN\_LESEN)
- Execute job.

### **Directory Search**

- Navigate to WORK folder in C: drive, C:\NCSEXPER\WORK
- Open FSW\_PSW.TRC (open trace file to edit and man file to write to ecu)
- Use CTRL+F to find option to code.
- Change option from (aktiv) to (nicht\_aktiv) or vice-versa.
- File > Save as >Save as type: All files > Overwrite .MAN file.

# **NCSDummy option**

- Open NCSDummy
- Select Chassis
- Select Module
- Browse> Select FSW\_FSW.TRC Trace File located at C:\NCSEXPER\WORK
- Locate coding option wanting to edit.
- Simply enable options wanted.
- Export FSW/PSW > Export FSW\_PSW.MAN

#### Back to NCS Expert.

- Change Job to coding in NCS. (SG\_CODIEREN).
- Execute job.
- Once coding ended is shown job is complete.