

# Kefico\_SIM2K510

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## Requiments

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1. UHDS
2. License KA0026 (by OBD or by CAN)
3. License KA0027 (by CAN FD)
4. License KA0029 is additionally required for cars 2020... with ICU (secure gateway) and in case when we want to do OBD

KA0027 works only on UHDS with CAN FD : xx04000 - xx04999 and xx08800 - xx19999  
 KA0029 works on UHDS serial numbers xx04000 - xx19999

Mostly usefull is do this ECU OBD and if is required Open Gateway.  
 If you prefer do it on bench you have possibilty too.

## General Description

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This ECU is mostly instaled in cars **1.6 CRDi**

|                               |
|-------------------------------|
| • Hyundai:                    |
| • Tucson (od 2018)            |
| • Kona (od 2018)              |
| • i30 (od 2018/2019)          |
| • i40 (od 2018)               |
| • Kia:                        |
| • Sportage (od 2018)          |
| • Ceed / XCeed (od 2018/2019) |
| • Optima (od 2018)            |
| • Stonic (od 2018)            |

Kia/Hyundai ECU Kefico SIM2K-510 there is supported by few option in menu:

1. Kefico SIM2K-510 by OBD
2. Kefico SIM2K-510 CAN FD
3. Kefico SIM2K-510 by CAN 2021...

Option 1 is most common should works in all kind of car with this ECU. But cars after 2020 can has ICU (securegateway). In case when ICU is present at probe Write Km or Write Km DPF give error :

Write KM DPF Refused: 037F3133 or Write KM Refused: 037F3133. In thi case you can Open Gateway it required additinal licence or you can do this ECU on bench by CAN (or CAN FD)

After Write Km very important is switch ignition OFF (or if you do it on bench disconnected only Wİre marked as KL15 , KL30 must stay be connected ) for 5 min.

If you prefer do it on bench you have 2 options depended what car and year model is it.  
 In Cars where ECU is with CAN FD you must use option CANFD

## Bench Connection



After change Km switch off KL15 and wait 5 min

