

BACKGROUND

Some functions of ECU are unavailable until unlock by “login code”. Some of them are common and well-known, some not available to public. The LoginFinder can find all login codes for connected ECU ;-)

HOW FAST IS IT ?

Well, during the tests we reached 3000 logins per hour for TP20 ECUs (tested on PQ35 BCM) and about 3400 logins for UDS ECUs (tested on MQB Gateway and 7P0 Xenon Range controller)

Note: the LoginFinder works only with TP20 / UDS

WHAT DOES IT REQUIRE ?

1. A VCP of course
2. An ECU communicating with TP20 or UDS protocol
3. A ONE login code, which is accepted by ECU

HOW USE IT ?

The screenshot shows the VCP LoginFinder software interface. It is divided into two main sections: 'Operations' and 'Found logins'. The 'Operations' section contains several controls: a 'Start!' button, a 'Stop!' button, and a 'Close' button. Below these are input fields for 'Known login' (with a blue bar), 'Range: start', and 'Range: stop'. There is a checkbox for 'Reconnect before try' which is checked. Below that are two numeric input fields: 'Reconnect delay' set to 100 and 'Tries between recovery' set to 2. The 'Found logins' section is currently empty and has a 'Save' button at the bottom. At the bottom of the interface, a status bar shows 'Ready ...'.

Just fill the fields:

1. “known Login” = the login which is accepted by ECU
2. “Range: start” = from which login start scan ?
3. “Range: stop” = at which login stop the scan ?
4. “Reconnect before try” – if checked, VCP will disconnect and reconnect to ecu before each try
5. “reconnect delay” – the delay between stop- and startcommunication request. Smaller value makes the scan faster but can lead to connection instability

6. "Tries between recovery" – how many logins are tried between resetting of failed login counter. Typically 2 for UDS, some of them works at setting of 3. Bigger value makes scan faster
7. When search is finished, press "save" to save the codes to file. This file is then loaded automatically after opening "sec.access" again. You can select the code by dropbox, and then login to ECU.

The screenshot displays the VCP LoginFinder software interface, which is divided into two main sections: "Login/SecurityAccess II" and "SecurityAccess I".

Login/SecurityAccess II: This section contains several input fields and buttons. On the left, there are four input fields: "Tester no:" with the value "12345", "Importer No:" with "123", "WSC:" with "12345", and "SW Version" with "5561". On the right, there is a "Login:" label above a password field (represented by five dots) and a blue question mark icon. Below the password field is a dropdown menu labeled "Code 2". At the bottom right of this section are two buttons: "Login !" and "LoginFinder".

SecurityAccess I: This section is located below the first one and contains a single input field labeled "Algorithm (Hex)". Below this field is a button labeled "Send Key".

At the bottom of the interface, there is a large "Close" button. A status bar at the very bottom of the window displays the message "Key OK, access granted."

Have FUN !