If you follow the step-by-step instruction in this guide, you **WILL** be able to load all codes!

**DO NOT:**

- **Push any buttons** beside the Dim/Bright Buttons while unit is Powering On… (until Log In Screen Appears)

- **Remove CIK unless operational necessity dictates** for instance, if the unit will become compromised (codes may dump)

- **Remove battery while SKL is powered ON** (codes will dump)
Initializing SKL

Step 1 – Push the GREY power button on top right until screen comes up (roughly 3 seconds)

Step 2 – Wait for Logon Screen to appear
  ➔ If screen is too dark or bright, use the bottom left & right push buttons to adjust
  (LEFT Button = DARKER           RIGHT Button = BRIGHTER)
  ➔ If Logon Screen does NOT automatically appear, TAP the CoreLib Icon

<USER ID AND PASSWORD ARE CASE SENSITIVE!>

Step 3 – Enter User ID

Step 4 – Enter Password

Step 5 – Press “OK”

*Depending on how SKL is configured, Steps 6 & 7 may automatically be bypassed directly to Step 8*

Step 6 – Select “Launch”  ➔  “Launch UAS” from top menu bar

Step 7 – Highlight “SKL” (if not highlighted already) in Launch UAS dialog box and press “OK”

Step 8 – Press “OK” when Startup Information dialog box appears

Step 9 – Codes that are loaded on the SKL should appear…. If not, click on the Keys Tab
Deleting Superseded Codes

Continue from Keys Tab (Page 1, Step 9):

Step 1 – On the top Menu, select View ➔ Keys ➔ Expired Keys
Step 2 – Record keys and segment numbers that will be deleted on the Electronic Key Management Log
   You will need to scroll to the right to see the segment number
Step 3 – In the Expired Keys Dialog Box, Select “Delete All”
Step 4 – Select “Yes” when asked whether to “Delete All Segments?”
Step 5 – Select “OK” on deletion confirmation dialog box
Step 6 – Select “Close” at bottom right of the Expired Keys Dialog Box
Step 7 – To ensure all expired keys were deleted, repeat Step 1.
   You should receive confirmation that “No Expired Keys Exist”

When Logging out or powering off the unit, a dialog box asks you:
“The database has changed. Do you want to save the changes?”

Always Always Always Always Select “YES”!

If you select “NO”, the codes you thought you deleted will still be there.
Loading Secure Voice

Continue from Keys Tab (Page 1, Step 9):

**Step 1** – Expand **AKAD 1604** by selecting the + icon. Continue expanding items until the Key Icons are in view

**Step 2** – Highlight the Key which you wish to load

**Step 3** – Select “Load Icon” on the top right of the Screen

**Step 4** – Using drop down menu, change Protocol to DS-102 (DS-102 should be the default)

**Step 5** – Using drop down menu, change **Activate Mode** to **KYK-13**

**Step 6** – Select “OK” at the bottom of the dialog box

**Step 7** – **Connect SKL Fill Cable** to Secure Voice Receptacle

**Step 8** – Ready to Send Key Dialog Box should appear, Select “OK”

**Step 9** – When the screen tells you to **INITIATE**, initiate on the Secure Voice Radio.

  Codes loaded correctly ➔ dialog box w/ “**Operation Successful**” will appear

**Step 10** – Return to Step 1 and repeat for all Secure Voice Radios

**Step 11** – Disconnect Fill Cable
Loading Precision Codes (GPS)

Continue from Keys Tab (Page 1, Step 9):

Step 1 – Expand **AKAD A1105** by selecting the + icon. Continue expanding items until the Key Icons are in view

Step 2 – Highlight the Key which you wish to load

Step 3 – Select “Load Icon” on the top right of the Screen

Step 4 – Using drop down menu, change Protocol to DS-102 (DS-102 should be the default)

Step 5 – Using drop down menu, change **Activate Mode** to **KYK-13**

Step 6 – Select “OK” at the bottom of the dialog box

Step 7 – **Connect SKL Fill Cable** to GPS Precision Code Receptacle

Step 8 – Ready to Send Key Dialog Box should appear, Select “OK”

Step 9 – When the screen tells you to **INITIATE**, initiate on the GPS Precision Code Panel.

Codes loaded correctly ➔ dialog box w/ “**Operation Successful**” will appear

Step 10 - In SCNS, Select NAV ➔ INIT ➔ GPS INIT ➔ Page 2-2 to ensure that P-Codes loaded

P-Codes loaded – Not Verified or Verified on Page 2-2 in SCNS

P-Codes did not load – Not Loaded on Page 2-2 in SCNS

Step 11 – Disconnect Fill Cable
Loading Combat Track II (CT2)

Continue from Keys Tab (Page 1, Step 9):

Step 1 – Expand **USKAD C5918** by selecting the + icon. Continue expanding items until a Key Icon is in view.

Step 2 – Highlight the Key you wish to load, (Confirm key to be loaded)

Step 3 – Select “Load Icon” on the top right of the Screen

Step 4 – Using drop down menu, change **Protocol** to DS-102

Step 5 – Using drop down menu, change **Activate Mode** to KYK-13

Step 6 – Ensure Thornton Key / ADDI Key Load Drop Down Box is **UNCHECKED**

Step 7 – Select “OK” at the bottom of the dialog box

Step 8 – Connect SKL Fill Cable to CT2 Transceiver FILL Receptacle J6

Step 9 – “Press INITIATE Button” Dialog Box should appear,

Step 10 -- Press CT2 Transceiver “ENTER” button to INITIATE crypto key load…immediate flash of green confirm light then distinguishes dialog box w/ **Operation Successful** will appear

Step 11 -- Look for Transceiver Lite illumination:

**GREEN CONFIRM** lite – ON, **RED CRYPTO FAULT** Lite – OFF

- Good Load of Key Codes on the CT2 Transceiver when cable is disconnected or wait ten sec after keying while cable is still attached

**GREEN CONFIRM** lite – OFF, **RED CRYPTO FAULT** Lite – ON

- Codes NOT loaded correctly due to either:
  - FILL Cable NOT properly seated on SKL or Transceiver
  - SKL CT2 Steps 4-5 are not configured properly
  - Key is corrupt

Step 12 – Disconnect Fill Cable
Loading Mode 4 (IFF)

Continue from Keys Tab (Page 1, Step 9):

Step 1 – Expand **AKAD A3662** by selecting the + icon. Continue expanding items until a Key Icon is in view.

Step 2 – Highlight the Key you wish to load. You must load the corresponding daily “A” code prior to repeating all steps for the corresponding daily “B” code.

Step 3 – Select “Load Icon” on the top right of the Screen.

Step 4 – Using drop down menu, change Protocol to DS-102.

Step 5 – Using drop down menu, change **Activate Mode** to **IFF**.

Step 6 – Select “OK” at the bottom of the dialog box.

Step 7 – **Connect SKL Fill Cable** to IFF Mode 4 Receptacle.

Step 8 – “Ready to Send Key” Dialog Box should appear, Select “OK”.

Step 9 – Repeat all steps to load daily “B” code. **GREEN** light flash on the IFF Mode 4 Receptacle after loading the daily “B” code (If not, the codes were not loaded correctly).

Step 10 – Disconnect Fill Cable.
Transfer of Segments from SKL to SKL

Continue from Keys Tab (Page 1, Step 9):

Transmitting SKL:

Step 1 – Select “File”
Step 2 – Select “Transmit”
Step 3 – Select “Database”
Step 4 – Click “NEXT”
Step 5 – Select “SKL”
Step 6 – Click “NEXT”
Step 7 – Connect Fill Cable to SKL
Step 8 – Select “TRANSMIT”
Step 9 – Disconnect Fill Cable

Receiving SKL:

Step 1 – Select “File”
Step 2 – Select “Receive”
Step 3 – Select “Database”
Step 4 – Change Source to “SKL”
Step 5 – Connect Fill Cable to SKL
Step 6 – Click “RECEIVE” once STEP 8 is completed on TRANSMITTING SKL
Step 7 – Disconnect Fill Cable
Powering Down SKL

Continue from Keys Tab (Page 1, Step 9):

Step 1 – Select “X” in the top right corner to close window

Step 2 – Select “YES” to save changes. This will take you to the CoreLib page (AVENGER HUMMV picture)

When Logging out or powering off the unit, a dialog box may ask you:
“**The database has changed. Do you want to save the changes?**”

**Always Always Always Always Select YES!**

If you select NO, the codes that you thought you deleted will still be there.

If dialog box does not appear, go to:
FILE ➔ SAVE DATABASE

Step 3 – Select “X” in top right corner to close out CoreLib application

Step 4 – Push Grey power button on top right until “Shutdown” pop-up box appears (roughly 1 second)
➔ Countdown to power-off screen will appear

Step 5 – Ensure that extremely expensive & hip stylus are stowed prior to stowing SKL