

Program SKSNG SmartKey Starter® Using USB Programmer (NG-PROG / ADS-USB / XKLOADER)

Instructions for programming any SKSNG starter using USB programmer (NG-PROG / ADS-USB /
XKLOADER2)

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INTRODUCTION

The settings on an SKSNG SmartKey Starter® can be changed using a USB programmer

Compatible programmers:

- NG-PROG (available from Mid City Engineering for \$5)
- ADS-USB (Compustar / ADS programmer)
- XKLOADER2 (*Note: needs RS232 adapter to work- MCE can provide adapter for \$3*)

The SKSNG Serial Updater program is only compatible with Windows PC.

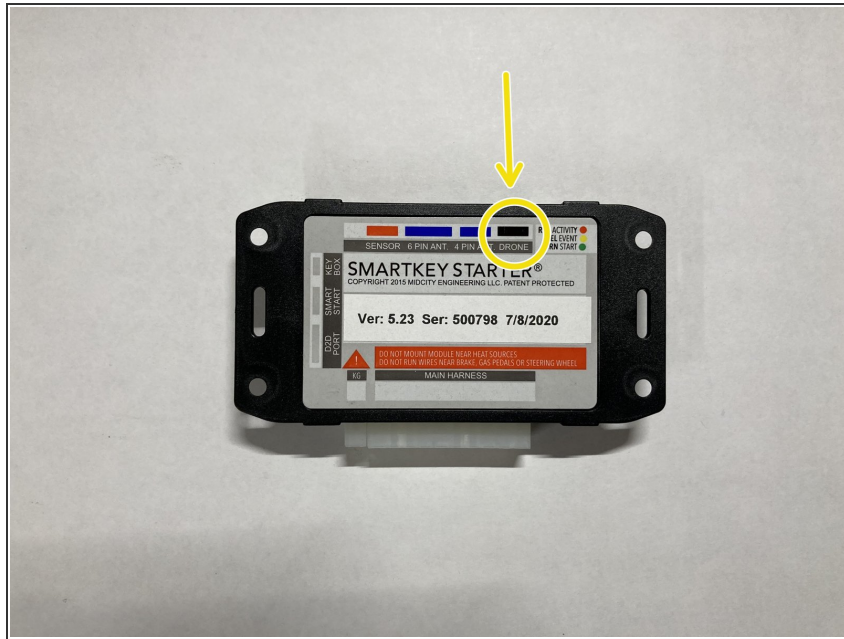
Note: SKSNG module must be connected to vehicle and operational in order to use programming utility. A laptop is recommended.

There are two versions of the programming utility.

For SKSNG907 & SKSNG907RV (V5.14 and above), [download program here](#)

For all other SKSNG SmartKey Starters® (V4.60 and above), [download the program here](#)

Step 1 — Connect programmer to RS232 port



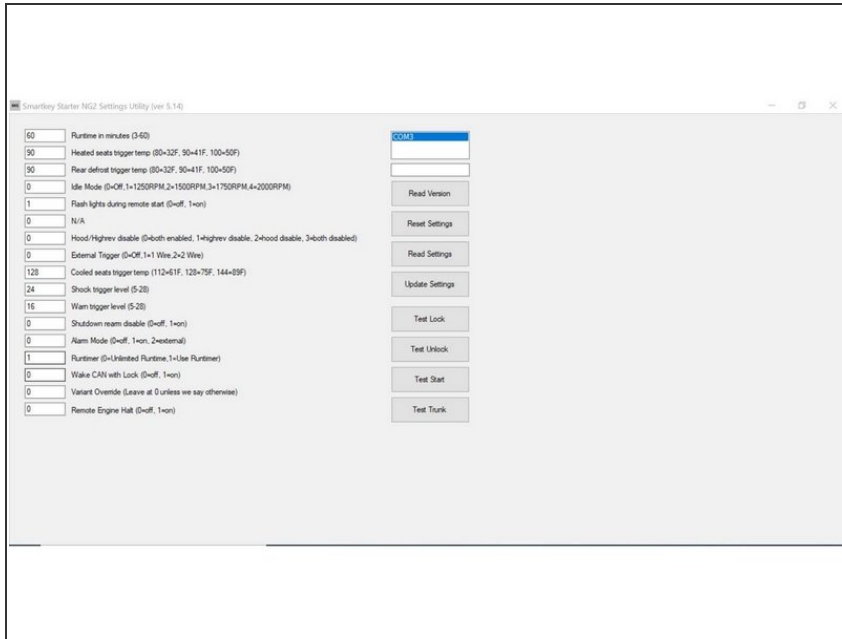
- Connect USB programmer into black port labeled **Drone** on SmartKey Starter® module
- ⓘ If using XKLOADER2 an RS232 adapter is required- can be purchased from MCE for \$3, if needed.
- ⓘ SKSNG module must be installed and functioning in vehicle in order to program settings using USB programmer

Step 2 — Connect USB programmer to computer



- Connect USB end of programmer to USB port on computer

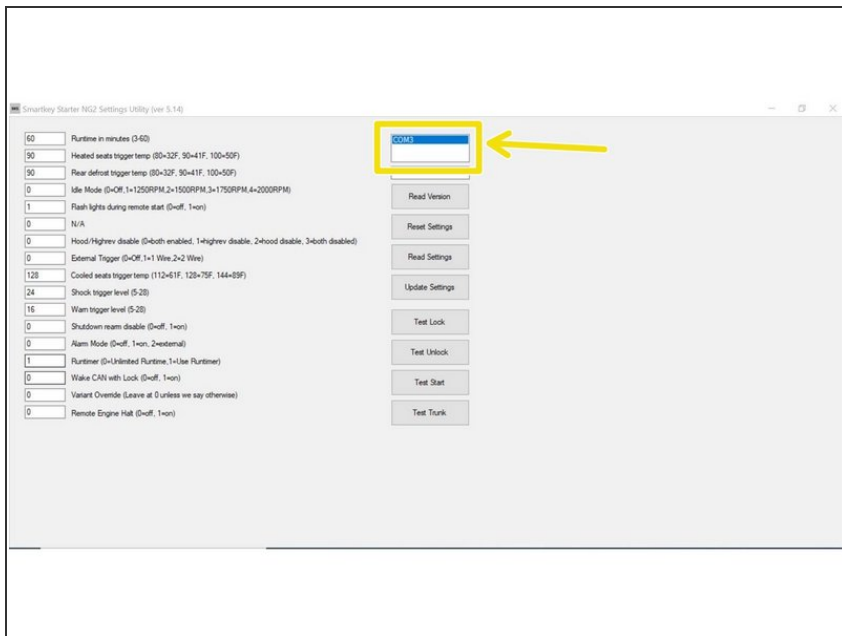
Step 3 — Download and install serial updater



i The SKSNG serial updater is only compatible with Windows PC

- For SKSNG907 & SKSNG907RV: [Download the serial updater program by clicking here](#)
- For all other SKSNG SmartKey Starters®: [Download the serial updater program by clicking here](#)
- Install and run serial updater

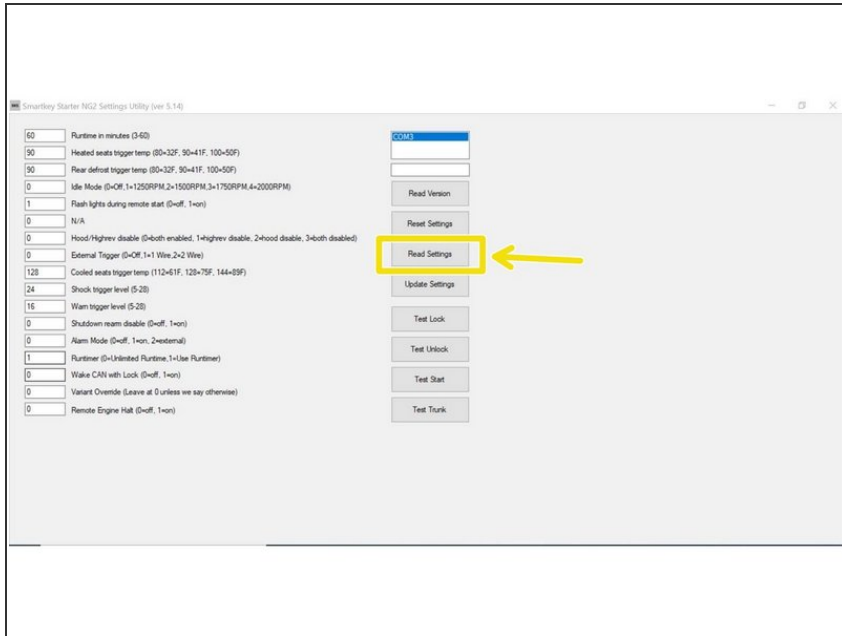
Step 4 — Select COM port



- Select COM port that programmer is plugged into by clicking on COM port in upper right hand portion of

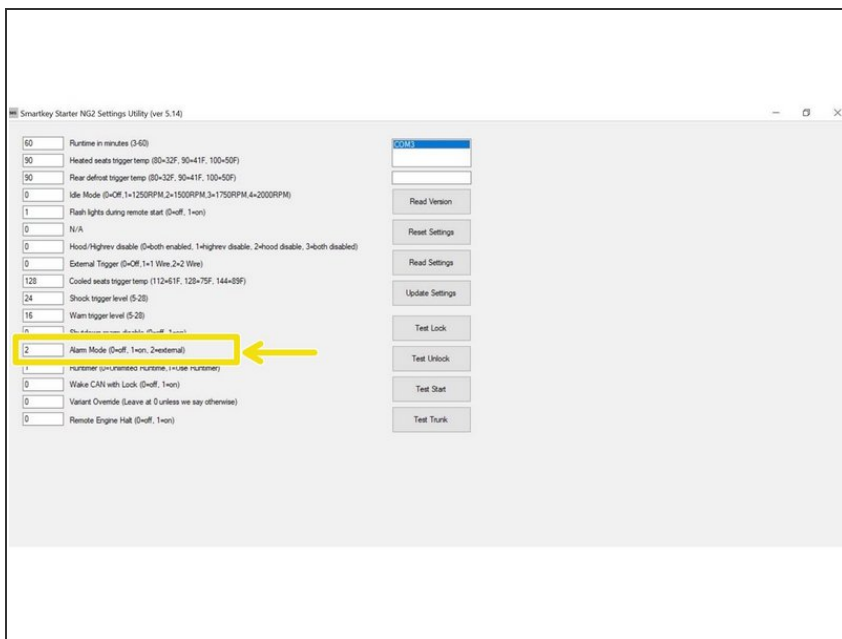
the program (will be highlighted when selected)

Step 5 — Read settings



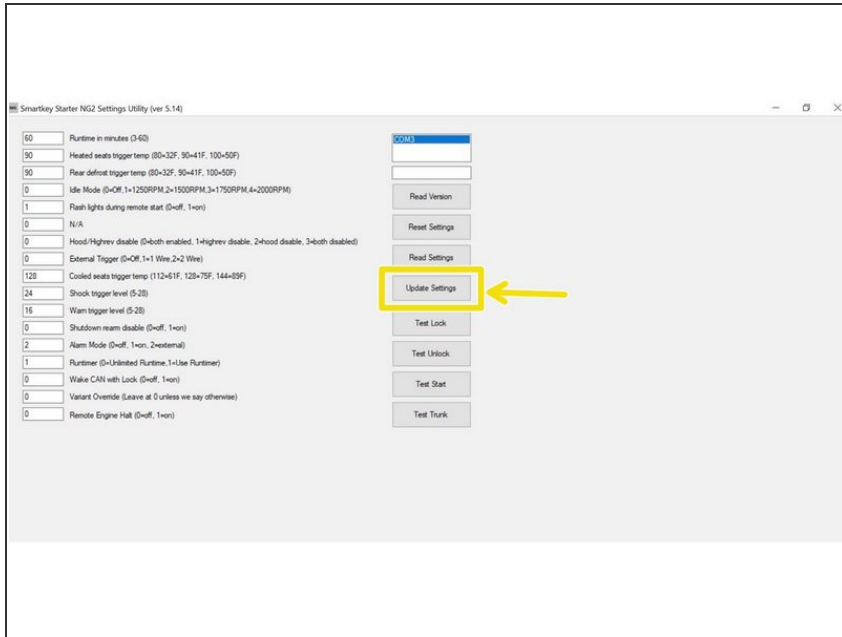
- Click **read settings**
- Values will update to current parameters
- ❗ Text will appear indicating if the command was carried out. The first 'read settings' attempt may produce a failed prompt. If so, attempt again.

Step 6 — Change settings



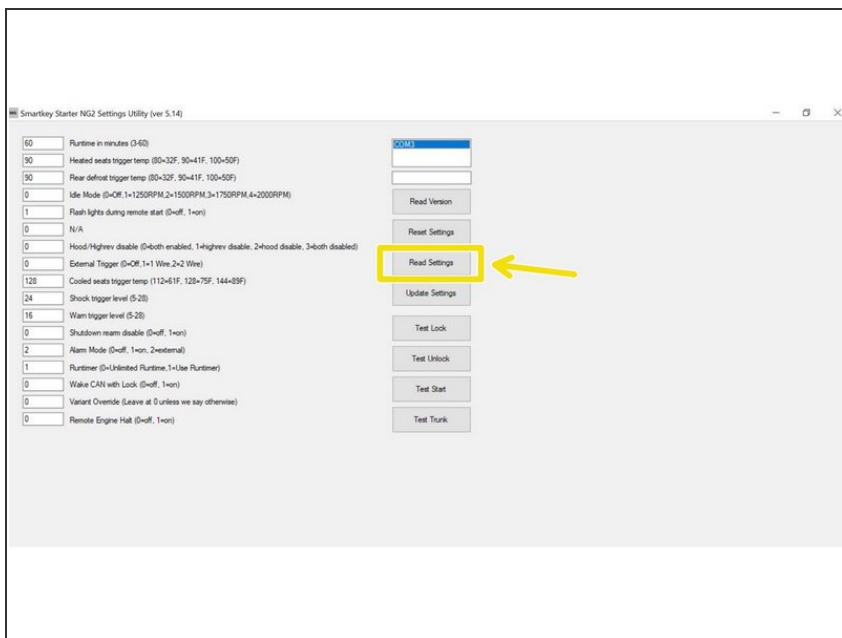
- Adjust values to desired parameter
- ❗ *Example:* to change alarm setting to **external**, change value of alarm mode line to **2**

Step 7 — Save settings



- To save current parameters, click **update settings**
- ⓘ Text will appear indicating if the command was carried out. The first 'update settings' attempt may produce a failed prompt. If so, attempt again.

Step 8 — Read settings and confirm adjustments



- Click **read settings** to and confirm that the current settings match desired parameters
- Disconnect programmer from SKSNG module
- Confirm operation and settings as desired