

# Install Procedures For Keyswitch

A new keyswitch will soon be available for the 3800 systems. It should be available to the field by the middle of November and will be in new builds in the first week of November.

The part number for this keyswitch is 500-000542-200.

The prerequisite for this switch is 3.3.1 Diagnostics. The old keyswitch software will continue as default until the new switch is installed. Both versions of the software will be loaded as shown below:

`xsfp.old_switch/xsfp.rc.old_switch`

`xsfp.new_switch/xsfp.rc.new_switch`

When the new switch is installed, the new software can be initiated with the following script:

`install_new_keyswitch`

If necessary, the old switch software can be initiated by:

`install_old_keyswitch`

The features of the new keyswitch is as follow:

1. Positions are Off-Remote-Local-Secure (was Off-Local-Secure-Remote).
2. xsfp now runs `sys_shutdown` in the Off position (was a hard bpc reset).
3. Key can be removed in the Off or Secure positions.

xsfp now waits 1 second after the last keyswitch interrupt before processing interrupt.

The procedure for installation of the new keyswitch is as follows:

1. Run `sys_shutdown`
2. Replace keyswitch
3. Run `install_new_keyswitch`
4. When prompted, reboot SPU