

Legacy Nexgen Upgrade Instructions

There are several steps in the upgrade process. Most are fairly simple but there is a video clip for each step in the process.

Step 1: Remove the Bezel

There are 4 flathead Phillips screws with nuts on the backside. Typically these can be removed with only a screwdriver while holding the nuts with a finger. There may or may not be a clear mylar sheet under the bezel.

Click to View Video <https://www.youtube.com/watch?v=gu6utj9kenI&feature=youtu.be>

Step 2: Remove the LCD

After the bezel has been removed, the LCD is held onto the Nexgen by the Flex harness and the Backlight inverter harness. The Legacy Nexgen has an on-board backlight inverter. The flex harness is connected to the Nexgen PCB on a flex connector with a slide lock mechanism. To access the backlight connector and flex connector, we remove the Legacy Nexgen back cover.

Then we remove the backlight harness from the backlight connector. Next we release the slide lock on the flex connector by pulling both sides forward away from the connector. We remove the Flex harness from the Nexgen connector by pulling it gently out of the connector. Now the LCD is free to slide away from the mounting plate. The Flex harness will slide out through the hole in the mounting plate and the old LCD is free to remove.

Click to View Video <https://www.youtube.com/watch?v=tbQMaTKvxW0&feature=youtu.be>

Step 3: Attach the new LCD

There are two options for this step. Both are shown in videos at the end of this step. The steps are the same, flex harnesses are different.

Attach the new LCD with LED backlight to the flex harness. Slide the flex harness down through the hole in the mounting plate and push it out to the window below the flex connector on the Nexgen PCB. The video shows ways to make this step easier when using the IGT flex harness.

Using tweezers, needle-nose pliers, or any like tool, guide the flex through the window below the Flex connector on the Nexgen board. Release the locking mechanism on the flex connector by sliding the lock forward away from the connector. Bend the end of the flex backward and slide it into the flex connector until the contacts are fully inserted and no longer visible. Once the flex is fully seated, push the locking mechanism on the Nexgen flex connector back into the locked position. Guide the backlight wires from the LCD through the slot in the mounting plate.

Click to View Video <https://www.youtube.com/watch?v=reBTEc80gWA&feature=youtu.be>

Click to View Video <https://www.youtube.com/watch?v=R5q4SSkJTuU&feature=youtu.be>

Step 4: Install Bezel

Install the bezel using the four Phillips Pan Head screws and nuts removed in Step 1.

Click to View Video <https://www.youtube.com/watch?v=YhqXm163dSU&feature=youtu.be>

Step 5: Install Back Cover

Place the back cover onto the Nexgen aligning the screw holes with the mounting posts. Make sure no wires are pinched and re-install the four screws removed earlier.

Click to View Video <https://www.youtube.com/watch?v=Ggido2Abvuk&feature=youtu.be>

Step 6: Final cleanup

Attach the backlight converter to the Nexgen cover using a small piece of Velcro with adhesive. Put any extra harness length into holes in the cover.

Click to View Video <https://www.youtube.com/watch?v=iMbJZKEwY9U&feature=youtu.be>