




## Updating the NK105 G2 Control System:

Before conducting the update, there are several parameters that need to be recorded.

1. Using the handheld pendant, select Menu  → MfrParams → Input password 33587550 → Axis Output Direction. Record the polarity for each axis.
2. Using the handheld pendant, select Menu  → MfrParams → Input password 33587550 → Pulse Equivalence. Record the values for each axis.
3. Using the handheld pendant, select Menu  → MfrParams → Input password 33587550 → Stroke Limit. Record the values for each axis regarding the upper and lower stroke limits.
4. With these three sets of parameters recorded, the control system can be updated properly. Copy the individual sub folders and .dat from the back up folder provided. Paste these variables onto a blank USB drive.

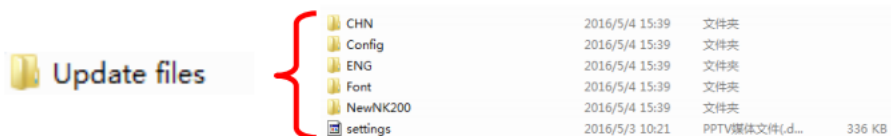




Fig. 2-1 New update files we send to you

5. Insert the USB drive into the USB port provided on the machine's control console.
6. On the handheld pendant, from the main screen, select menu  → System Upkeep → Update System. A new menu will appear, searching for the USB drive. Once the USB is detected, select OK on the handheld pendant.
7. A new menu will appear. Select "Delete Parameters", press OK.

8. Select “Update Public”, press OK.
9. Select “Update System”, press OK.
10. Once the system has completed updating, select “Start System”. The controller will restart and prompt a “Back to Ref Point” command. PRESS ESC on the handheld. DO NOT HOME THE MACHINE.
11. From the main screen, select menu  → Param Upkeep → Import Parameters.
12. Once the system has completed importing the parameters, it is now safe to home the machine. The updating process is complete. You can remove the USB and begin normal operation.