

HDC-3-5AX Post-install Checklist

Technician		Cell#	
Serial Number		Date	
Model			

Post-install Questions

Answer the following questions.

1. Has the electrical installation been verified and checked for loose connections?	
2. Has the spindle chiller been installed and verified?	
3. Has the axis lubrication test been run? Run a lubrication test in DIAGNOSTIC > MAINTENANCE > LUBE. Does the low lube icon or Alarm 2075 display?	
4. Has the machine been leveled?	
5. Does the spindle run only when there is a tool in the spindle?	
6. Have any of the following options applicable been properly installed and tested?	
6a. If applicable, has the In-Tank chip conveyor been installed?	
6b. If applicable, has the wifi camera been installed and tested?	
6c. If applicable, has the convenience package been installed?	
6d. If applicable, has the auxiliary coolant filler been installed and checked for leaks?	
6e. If applicable, has the cabinet cooler been installed and tested?	
6f. If applicable, has the phone charging stand been installed and tested?	
6g. If applicable, has the coolant sanitizer been installed and verified?	
6h. If applicable, has the Haas oil skimmer been installed?	
6i. If applicable, has the HDC camera and monitor system been installed and tested?	
6j. If applicable, has the table work light been installed and tested?	
6k. Has the coolant washdown been tested?	
7. Has the Air Gun been tested?	
8. Have the Operator Window and Chip Curtain been tested?	
9. Has the Spindle Run in program been run?	
10. Has the flood coolant operation been tested and if applicable, the TSC been tested?	
11. Has the chip auger operation been tested?	
12. If applicable, Has the RJH-XL been tested and proper configuration files been enabled?	
13. If applicable, has the RJH-Touch been tested?	
14. Have the door interlocks been tested?	
15. Has the Z-axis tool change offset parameter been checked?	
16. If applicable, has the WIPS option been calibrated?	
17. Have the safety features been tested?	
18. If applicable, has the MRZP been tested?	
19. Has the spindle been run at 1000 and 5000 RPM using a balanced tool to confirm the RPM is not fluctuating?	
20. Has a program been saved and stored to and from the USB to test that the control can save?	
21. Have the waycovers function been tested by running a program to axes entire travel at 5%, 50% and 100%?	
22. Verify the Inspection Report is completed and attached to the machine history.	
23. Run the Ball Bar test. Upload graphs to the machine history.	
24. Verify Tool Changer Test program has run through all pockets with no alarms.	
25. Test cut part and provide part feature dimensions. Upload the completed test cut report to the machine history.	
26. Take an Error report and Backup and attach to the machine history.	
27. Verify RMA and Tracking number for the lifting fixture and tool crate has been sent to Haas Service.	

Notes/ Observations:

- For 14, test the door interlocks by Press [MDI]. Type in S500 M3; Press [ENTER]. Make sure the machine IS NOT in SETUP MODE by Checking the KEY SWITCH on the side of the pendant. With the door open, press [CYCLE START]. The machine should say to close the door and press CYCLE START. With the door closed, press [CYCLE START]. The INTERLOCK PIN should extend and the spindle starts rotating.
- For 17, Turn the Run/Set-up key to Set-up mode and verify the Memory Lock switch. In MDI, type M03 S500 so the spindle does not start. Open the door, press CYCLE START - the spindle should not start. Close the door, press CYCLE START - the spindle should start. Ensure the door cannot open while the spindle runs but can when it's off. Check window latches lock in place. Perform a GFCI test at the plug (110V) or coolant pump connector (240V).

Attach this report, an error report, and any relevant documentation to a service notification in the Haas Service App.