

Probe Service checklist

Technician		Cell#	
Serial Number		Date	
Model			
Probe Type			
Mill Probe			
Lathe Probe			
Why is the probe being Serviced?			
1a. What alarms or error messages are generated?			
1b. Does the alarm reset?	Yes	No	
1c. When do the alarms or error messages occur?			
2. Are any of the probe components physically damaged?	Yes	No	
3. Has the probe been crashed?	Yes	No	
4. Describe the symptom:			
Mandatory Troubleshooting			
Answer the following questions for <u>Mill</u> machines.			
5. Did you replace the probe batteries?	Yes	No	
6. Are the following options enabled: Macros, Rotating – scale, M19?	Yes	No	
7. Have you cleared macro variables, reloaded Renishaw programs, and recalibrated the Probe?	Yes	No	
8. Have you checked the RGB (LED light) start-up sequence and compared it to factory settings?	Yes	No	
9. Have you verified that machine is using OMI-2H receiver? Have you verified that there are three red lights in the receiver at idle mode?	Yes	No	
10a. Turn on the table probe according to the probe activation steps in the WIPS installation guide. Does the machine beep when the stylus is pressed? Does the reset button turn the table probe off?	Yes	No	
10b. Turn on the spindle probe according to the probe activation steps in the WIPS installation guide. Does the machine beep when the stylus is pressed? Does the reset button turn the spindle probe off?	Yes	No	
11. If the customer has an older machine with OMI/OMI-2, are spindle probe and tool setter set in legacy mode?	Yes	No	N/A
12. Is the machine software up to date? If you answer no, upgrade to the latest software.	Yes	No	SW Version:
13. Was the customer using a VPS template when it crashed? What template were they using?	N/A	Template:	
14. If the tool crashed, what type of tool was it? What is its length when the crash happened?	N/A	Type:	Length:
15. Describe the behavior of the probe that caused the service call in the notes/observations section.	Done		
Answer the following questions for <u>Lathe</u> machines.			
16. Do the probe arm up / down switches work?	Yes	No	
17. Is the macro option enabled?	Yes	No	
18. Have you reloaded the macro programs and recalibrated the probe?	Yes	No	
19. When manually touching off tool, is feed rate set at .0001 or .001?	.0001	.001	
20a. Is the tool probe beeping when not in contact with anything?	Yes	No	
20b. If you answered yes to 20a: Is the probe hardware securely mounted?	Yes	No	N/A
21. Is the customer using VPS or manually taking tool offset?	VPS	Manually	
22. When using the Automatic or Break Detection cycles in VPS, does the tool have offsets?	Yes	No	
23. Are you able to update the tool offset manually into the offset menu?	Yes	No	
24. Is the machine software up to date? If you answer no, upgrade to the latest software.	Yes	No	SW Version:
25. Is the customer using soft jog axis keys or jog wheel?	Soft Jog Axis Keys		Jog Wheel
26a. Is the OMI cable pointed up or down?	Up	Down	
26b. If you answered up to 26a: Has there been any coolant contamination on the cable or unit?	Yes	No	N/A
27. Is the cable routed to the VOI?	Yes	No	
Notes/ Observations:			
Attach this report, an error report, and any relevant documentation to a service notification in the Haas Service App.			