

After Service Instruction

Model Name

W1000Xd1/S*00Xd1/R*50Xd1/U500Xd1

Task Name

D00 Full Data Input Procedure

Management No. ASI-85

This task should be carried out only by those who meet the following requirements.

Also, please understand the contents of "Precautions for Use" in advance before performing the work.

"Trained maintenance personnel"

- Persons who have knowledge of the electrical circuits of this machine and have received electrical safety education
- Persons who have received maintenance work education
- Persons who have been trained in the handling of high-pressure air and understand the piping of this machine

Precautions for Use

- Use of information, etc.

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Work Procedure (Key Points of Work, Reasons for Key Points, Safety, Tips)		Detailed Diagram (Photos, Illustrations, Balloon Diagrams, etc.)
1	Attach the USB memory Check the USB connection port at the bottom right of the operation panel.	
2	Attach the USB memory Remove the cover of the connection port by turning it counterclockwise.	
3	Attach the USB memory Insert the USB memory that was output through full data maintenance.	
4	Full Data Maintenance Input Turn the [Data Protection] switch key to 'Invalid'.	
5	Full Data Maintenance Input Confirmation Items If output in NC language during full data maintenance output, set to NC language; if output in dialogue, set to dialogue.	

Total Work Estimated
Time (minutes)

30minutes

Tools and Equipment Used

1 USB memory

2

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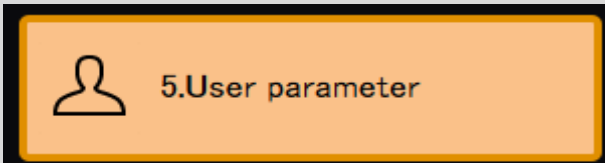
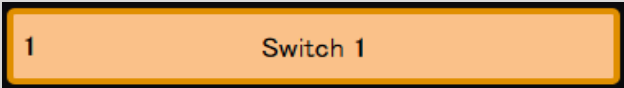
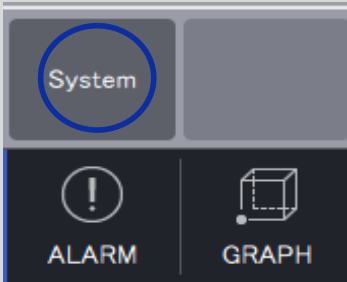
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Work Procedure (Key Points of Work, Reasons for Key Points, Safety, Tips)		Detailed Diagram (Photos, Illustrations, Balloon Diagrams, etc.)
6	Full Data Maintenance Input Press [Data Bank] on the screen.	
7	Full Data Maintenance Input Press <User Parameter> .	
8	Full Data Maintenance Input Press <Switch 1> .	
9	Full Data Maintenance Input Press the right arrow on the screen to switch display items.	
10	Full Data Maintenance Input Press [System] .	

Total Work Estimated
Time (minutes)

30minutes

Tools and Equipment Used

1 USB memory

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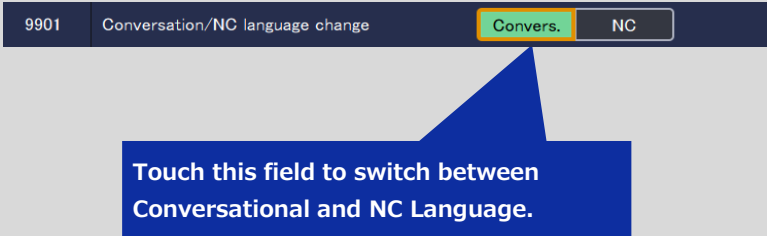
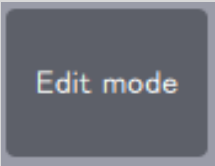
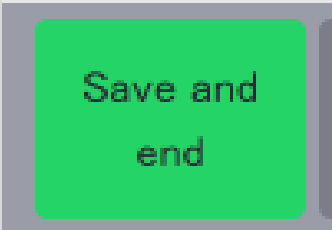
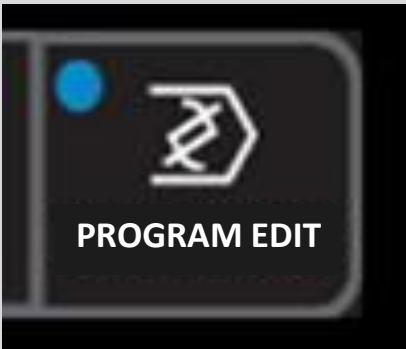
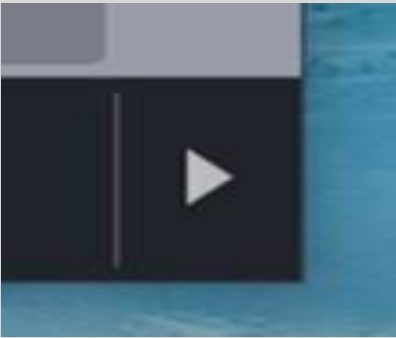
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Work Procedure (Key Points of Work, Reasons for Key Points, Safety, Tips)		Detailed Diagram (Photos, Illustrations, Balloon Diagrams, etc.)
11	Full Data Maintenance Input Set the <Conversation/NC language change> item to the same as when full data was output.	
12	Full Data Maintenance Input After switching is complete, press [Completion mode].	
13	Full Data Maintenance Input Press [Save and end].	
14	Full Data Maintenance Input Press [Program edit] on the operation button to display the program edit menu screen.	
15	Full Data Maintenance Input Press the right arrow on the screen to switch display items.	

Total Work Estimated
Time (minutes)

30minutes

Tools and Equipment Used

1 USB memory

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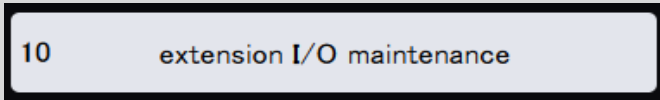
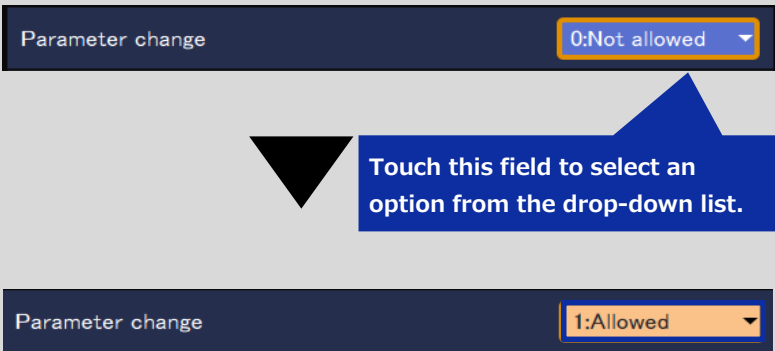
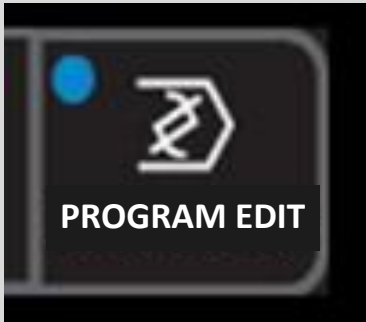
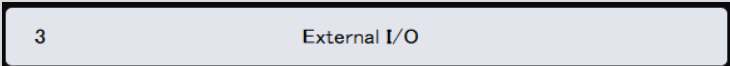
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Work Procedure (Key Points of Work, Reasons for Key Points, Safety, Tips)		Detailed Diagram (Photos, Illustrations, Balloon Diagrams, etc.)
16	Full Data Maintenance Input Press [Input/output].	
17	Full Data Maintenance Input Press <Extension I/O maintenance>.	
18	Full Data Maintenance Input Select <Parameter change> and choose 'Allowed'.	
19	Full Data Maintenance Input Press [Program edit] on the operation button to return to the program edit menu screen.	
20	Full Data Maintenance Input Press <External I/O>.	

Total Work Estimated
Time (minutes)

30minutes

Tools and Equipment Used

1 USB memory

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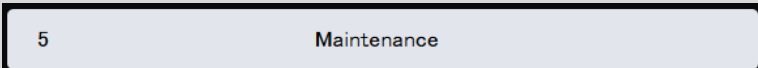
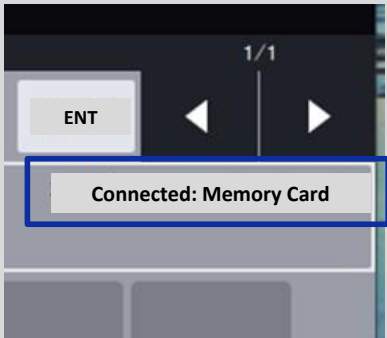
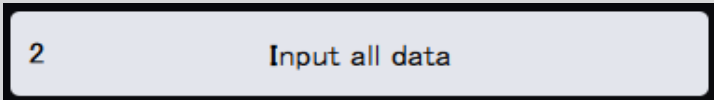
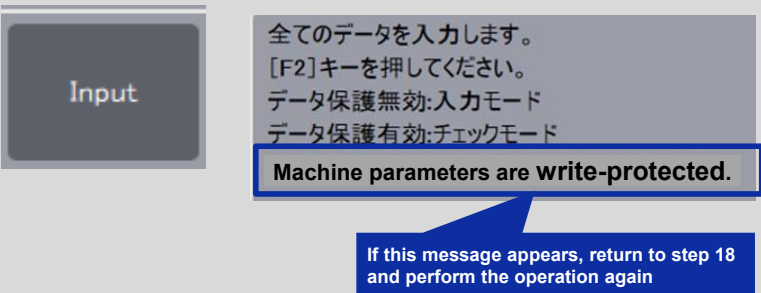
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Work Procedure (Key Points of Work, Reasons for Key Points, Safety, Tips)		Detailed Diagram (Photos, Illustrations, Balloon Diagrams, etc.)
21	Full Data Maintenance Input Press <Maintenance>.	
22	Full Data Maintenance Input Confirm that the connection destination at the bottom right of the screen is 'Memory Card'. ※If it is displayed as other than <Memory Card>, select <Change connection device> to switch.	
23	Full Data Maintenance Input Press <Input all data>.	
24	Full Data Maintenance Input Press [Input] to start communication. ※If the message <Machine parameters are write-protected.> is displayed on the screen, the <Parameter change> operation in step 18 is not complete, so please perform the switch operation again.	
25	Full Data Maintenance Input If <The same data bank already exists.> is displayed on the screen, press [Input all remaining].	

Total Work Estimated
Time (minutes)

30minutes

Tools and Equipment Used

1 USB memory

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Work Procedure (Key Points of Work, Reasons for Key Points, Safety, Tips)		Detailed Diagram (Photos, Illustrations, Balloon Diagrams, etc.)
26	Full Data Maintenance Input After a while, the screen display returns, and communication ends.	 ※It may take about 1 minute depending on the data capacity obtained in advance
27	Remove the USB memory Remove the USB memory from the connection port. ※Please remove it after the access lamp of the USB memory goes out.	
28	Remove the USB memory Attach the cover of the connection port by turning it clockwise.	
29	Turn off the power Since the message 'Turn power off.' is displayed on the screen, press the [Power] switch to turn off the power.	 ※Please wait until the orange light goes out
30	Turn on the power Press the [Power] switch to turn on the power.	

Total Work Estimated
Time (minutes)

30minutes

Tools and Equipment Used

1 USB memory

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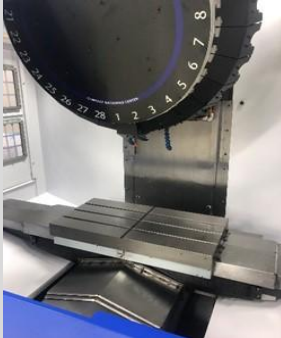
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Work Procedure (Key Points of Work, Reasons for Key Points, Safety, Tips)		Detailed Diagram (Photos, Illustrations, Balloon Diagrams, etc.)
31	Operation Confirmation After the machine starts up, confirm that there is no alarm display on the screen.	 ※Displays such as fast-forward override are not alarms
32	Operation Confirmation Please perform an operation check manually. ・Is the operation of the XYZ axis and tool change operation good? ・Is tool registration normal? ・Is the machining program normal? ・Is the user's jig operation and control system normal?	
33	Operation Confirmation This concludes the work.	
34		
35		

 Total Work Estimated
 Time (minutes)
30minutes

Tools and Equipment Used

 1 USB memory 2 _____ 3 _____
 4 _____ 5 _____ 6 _____