


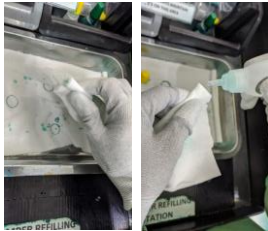

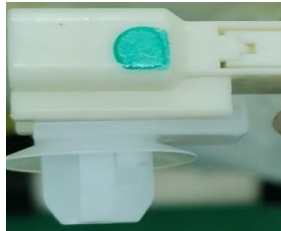
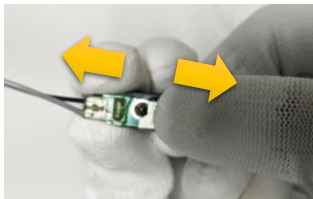

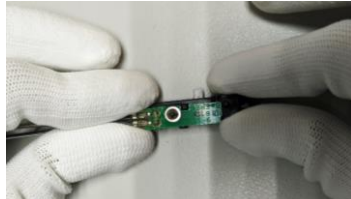

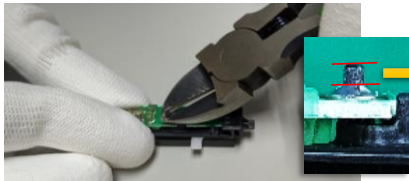
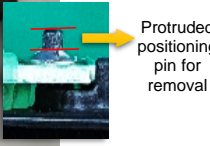


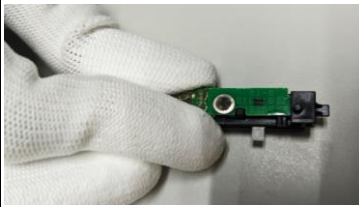


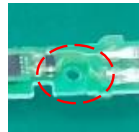
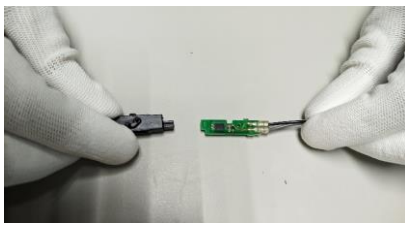
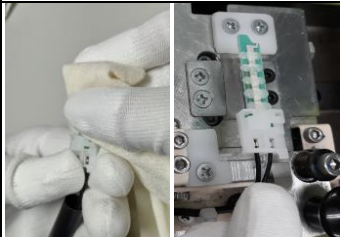
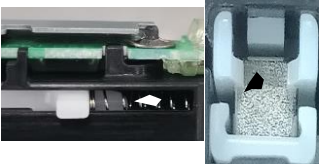

	Process Name/ Title:		Document No:		WI-PRO-COM-016	
	Backend Rework Procedure		Effective Date:		July 31, 2023	
	WORK INSTRUCTION		Rev. No.: 4		Page No.: Page 1 of 3	
Product Code/Name: ALL		Customer Code: ALL				

No.	Work Procedure/ Illustration			Records/Remarks/ Quality Pointers
1	Grease (no grease, excessive and insufficient)			<p>All reworked product in CSW and MR SW process must undergo re-test in function test machine.</p> <p>⚠ Rework must be strictly conducted in the rework area by Certified Rework Manpower only</p> <p>To ensure traceability, put a green marking (left side of the CSW Holder for change slider and for the other rework related put green mark on the connector) and an orange sticker on the ID tag.</p> <p>Ensure to record the affected models in rework monitoring form F-PRO-COM-045A.</p> <p>Do not re-use the slider contact</p>
				
	Remove the slider contact carefully.	Put used slider in NG container.	Remove grease from the stator.	
				
	Load the stator in to the machine then commence grease application.	Check the grease condition.	Pick a new slider contact from plate then, carefully insert to stator. Check the position of slider (Refer to WI-PRO-COS-067 p. 4 no. 14-16 for the proper insertion of slider contact)	
2	Incomplete nail of slider , <u>Production/Rework/ QC Drop and detached slider Contact</u>			<p>⚠ If already passed in CSW Function test and drop(slider contact) in other process follow below:</p> <ol style="list-style-type: none"> 1. Coordinate to Leader/ SL to inform Rework manpower 2. Certified Rework Manpower will change the slider contact (Procedure no. 2) 3. Certified Rework Manpower will update rework monitoring and put orange sticker on the ID tag 4. Certified Rework Manpower will re-function the product 5. Certified Rework Manpower put green marking on left side of the CSW Holder as traceability 6. All reworked product in CSW and MR SW process must undergo re-test in function test machine.
				
	Remove the slider contact with incomplete nail then put it on the NG container. Drop Slide: Put directly to NG container	Pick a new slider contact from plate then, carefully insert to stator. (Refer to WI-PRO-COS-067 p. 4 no. 14-16 for the proper insertion of slider contact)	Check the position of slider, 2 eye and track of contact.	
3	No marking			<p>Ensure to record the rework conducted in rework monitoring and include the current counter from the machine for traceability.</p>
				
	Load the product to the function test machine.	Press the lever to commence function test and put green mark on connector.	Check the green mark condition.	

Eff./Rev. Date	Rev. No.	Details of change	Revise	Check	Approve	Est. date:
07/31/2023	4	Change rework PIC from Leader /SL to certified rework manpower and removal of rework on bend stator	C. Dimallig	O. Merin	O. Merin	Prepare
01/25/2023	3	Update Qpoints	C. Lalican	W. Carbillon	O. Merin	Check
10/01/2022	2	Change title: repair to rework, Additional note.	L. Famodulan	C. Lalican	O. Merin	Approve
06/18/2021	1	Input reminder that replacement or dis-assembly of connector is strictly prohibited.	A. Ayop	D. Comero	O. Merin	
06/01/2021	0	Newly establish document.	A. Ayop	D. Comero	O. Merin	

Est. date: June 1, 2021

	Process Name/ Title:		Document No:	WI-PRO-COM-016	
	Backend Rework Procedure		Effective Date:	July 31, 2023	
	Product Code/Name: ALL	Customer Code: ALL	Rev. No.: 4	Page No.:	Page 2 of 3


No.	Work Procedure/ Illustration				Records/Remarks/ Quality Pointers
4	Excess marking				<p>Removal of excess mark must be done in ink refilling area. Use proper PPE during this process.</p> <p>If ink got inside the connector it is considered as NG.</p>
					
	Get wipes, then put some solvent on it.	Remove the excess mark around the actual green mark.	Check the mark condition.		
5	Proper disassembly of MR SW / MR + CSW (for housing, pushnut, plate, spring and slider magnet repair)				Tools needed during repair:
					<p>Note: This rework procedure must be done in rework area only and strictly to be conducted by Certified Rework and Abnormality Manpower only. Fill up rework request and follow it's traceability procedure, refer to WI-PRO-COM-011.</p>
	While holding the product using left hand, place the index finger at the bottom while thumb is at the top of the plate then pull out the plate carefully.		After removing the plate, set the product at the table (push nut facing upward).		
	While holding the product using left hand, position the cutter at the positioning pin protruded from the pushnut.				
					
	Cut the positioning pin carefully while covering the product with left hand to ensure that positioning pin will not came out.		After cutting the positioning pin, set the product using left hand then pick a bamboo stick.		
					
	Insert the bamboo stick tip between the PCB and housing aligned with the pushnut. Gently rotate the bamboo stick counterclockwise until PCB pop out from the housing.		Remove the PCB from the housing completely. <i>Removed housing and other parts is subjected for disposal.</i>		
6	Foreign Material				<p>Based on common foreign material encountered during production.</p>
					
	If foreign material was at the grease, remove the grease and conduct re-grease application.	Foreign material in spring. Conduct procedure in item number 4.	Foreign material in housing or PCB (outside part), manually remove using hands with gloves.		

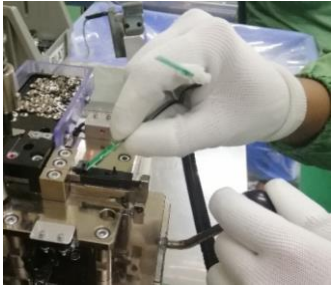
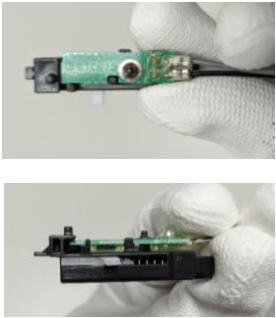




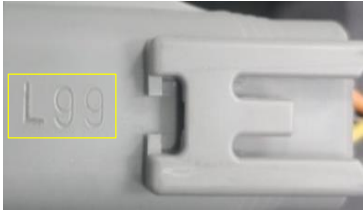
CONFIDENTIAL: ©2017 NBC; all rights reserved. Any misuse or misappropriation, including unauthorized copying, reproduction in any form, disclosure or publishing of this document or any information herein is strictly prohibited.

NBC (Philippines)

MASTER COPY

DCC Stamp

	Process Name/ Title:		Document No:		WI-PRO-COM-016	
	Backend Rework Procedure					
	WORK INSTRUCTION		Effective Date:		July 31, 2023	
	Product Code/Name: ALL	Customer Code: ALL	Rev. No.: 4		Page No.: Page 3 of 3	

No.	Work Procedure/ Illustration			Records/Remarks/ Quality Pointers
7	No push nut / Gap height			<p>This procedure can be done as long as plate was not yet inserted.</p> <p>If with plate already follow item # 4 procedure.</p>
				
	Load the product in insertion machine.	Insert the push nut in to the housing (same as normal procedure). For gap height press the pushnut by pulling the lever to fully insert the pushnut.	Check the pushnut and housing condition.	
8	Excess flash			
				
	Position the tweezer on the connector lock with excess flash.	Gently remove the excess flash using tweezer.	Check the condition of connector lock including terminal condition.	
9	No engrave			<p>Replacement or dis-assembly of connector is strictly prohibited.</p>
				
	Set the connector in engraving jig.	Fully insert the connector to commence engraving.	Check the condition of engraving lot.	