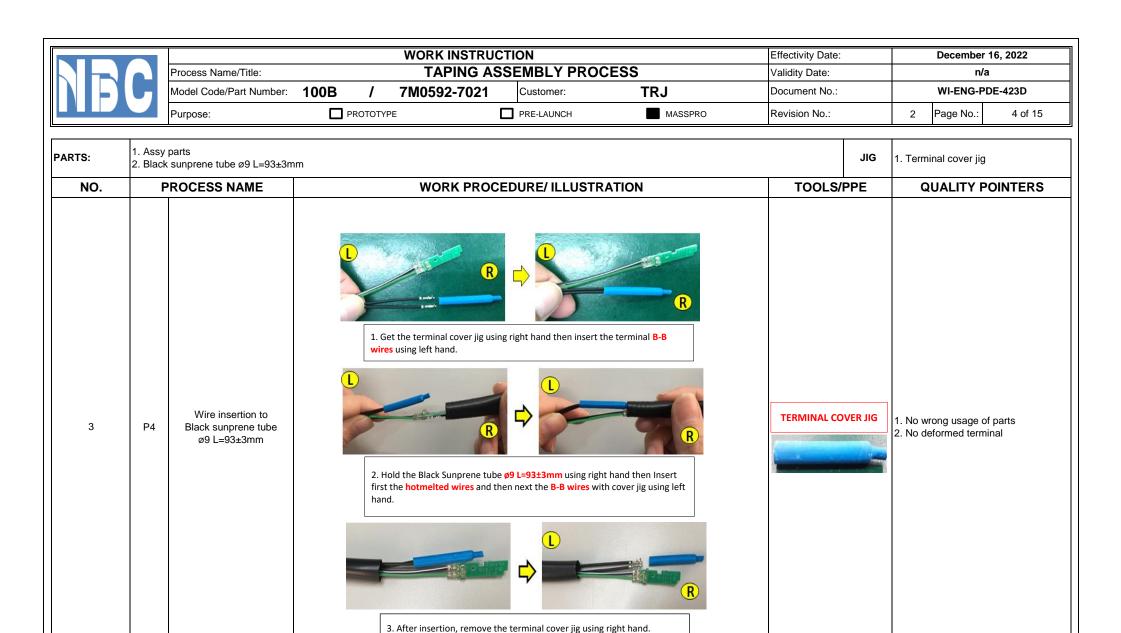
				Effectivity Date: December 16, 20			2022				
		Process Name/Title:		TAPIN	G ASSEMBLY P	ROCESS		Validity Date:		n/a	
		Model Code/Part Number:	100B /	7M0592-7021	Customer:	TRJ		Document No.:		WI-ENG-PDE-4	23D
		Purpose:	☐ PROTOTY	PE	PRE-LAUNCH	MAS	SPRO	Revision No.:	2	Page No.:	1 of 15
								<u>'</u>		<u> </u>	
PARTS:	1. Assy tape [1p	parts: Clamp 82711-16830 (B c.]); Clamp 82711-5209	0 (W); Clamp 82711-3A5	540(W); Black sunprene	tube ø9 L=93±3m	m; Black tape [5pcs.]; Orang	e JIG:	1. Clamp as 2. Terminal		
NO.	F	PROCESS NAME		WORK P	ROCEDURE/ ILLU	STRATION		TOOLS/PPE	(QUALITY POIN	ITERS
1	P4	Table Lay-out	Black sunpre ø9 L=93±3	Brinn Park Control of the Control of	Clamp 82711-5 Clamp T Bando gun Bando gun		Clamp 82711-3A540(W)/ Clamp Tray Clamp assembly jig Terminal cover jig	Safety Instruction Be sure to wear prescribed personal protective equipment during operation (glove finger cots, etc.) Housekeeping 1. Maintain and always practice 5's. 2. Personal things on the workplace is prohibited. Keep it in your locker. Alert level For any trouble, inform the Assembly Assistant Supervisor or Line Leads for immediate correctivaction. BANK GUI	t is s, is s	ng parts/tools s parts/tools	
				Revision History				Prepared by	Reviewed by	Approved by	Noted by
12/16/22 2 03/09/22 1	Correction	quality pointers: Reminders/notes on of measurement from Sunpren				m. oatapan	g J. Loterte C. Villanueva A	Arañes . Arañes	(Jan)	South form	
02/24/22 0 Eff. Date Rev. No	Initial issu	ıe	Dataila of (Change		M. Catapang		Arañes M. Catapang	J. Lotterte	C. Villanueva	A. Arañes
Lii. Date Kev. No	I		Details of 0	unange		Revised	Reviewed Approved	Noted Est. Date: F	eb 24, 2022		

				WORK INSTRUC	CTION		Effectivity Date:		December 16, 2022
		Process Name/Title:		TAPING AS	SEMBLY PR	OCESS	Validity Date:		n/a
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		Purpose:	☐ PROTOTY	PE .	PRE-LAUNCH	MASSPRO	Revision No.:		2 Page No.: 2 of 15
		<u> </u>							
PARTS:	1. Clam 2. Clam	p 82711-52090 (W) [4pcs.] p 82711-3A540 (B) [1pc.]	3. Black tape [4pcs.] 4. Orange tape [1pc.]					JIG	Clamp Assembly Jig
NO.	F	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION TOOLS						2 QUALITY POINTERS
2	P4	Clamp setting	set to clamp loca 2. Get 2pcs. of cla	82711-52090 (W) 2 amp 82711-52090 (W) using tion 2 and 3 using both ham amp 82711-52090 (W) using tion 5 and 6 using both ham	g both hands then ids.	3. Get 1pc. of clamp 82711-3A540 (to clamp location 4 using both hand	W) using right hand then sis.	set	STANDARD TAPING FOR CLAMP One side tape under clamp 1. No damaged clamp 2. No wrong use of parts 3. No wrong use of tape 4. No wrong insertion of clamp Important reminders/Note/s: 1. Please check the Clamp first before start of assembly to avoid wrong use of clamp. CLAMPILLUSTRATION GOOD OR RETTIL-12A80 (W)

Model Code/Part Number: 100B / 7M0592-7021 Customer: TRJ Docu	Date: ent No.: on No.:	n/a WI-ENG-PDE-4: 2 Page No.: 1. Clamp Assembly Jig	23D 3 of 15
	on No.:	2 Page No.:	
Purpose: PROTOTYPE PRE-LAUNCH MASSPRO Revis	JIG		3 of 15
		1. Clamp Assembly Jig	
PARTS: 1. Assy parts 2. Black tape			
NO. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION	OOLS/PPE	QUALITY POIN	TERS
Clamp setting (Continuation) Clamp setting (Continuation) For the attachment of tape on clamusing both hands then slide the cheeker handle using right side. 7. Initially attach Black tape on clamp location 3, 4, and 6 using both hands.	t then slide to	1. No damaged clamp 2. No wrong use of parts 3. No wrong use of tape 4. No wrong insertion of c	clamp



				WORK INSTRUC				Effectivity Date:		Dec		16, 2022		
		Process Name/Title:		TAPING AS	SEMBLY PR	OCESS	١	Validity Date:			n/a			
		Model Code/Part Number:	100B / 7	7M0592-7021	Customer:	TRJ		Document No.:		WI-	ENG-PD	E-423D		
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO	F	Revision No.:		2 Page	e No.:	5 of 15		
PARTS:	1. Ass; 2. Blac	/ parts k tape							JIG	n/a				
NO.		PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION						TOOLS/PPE			2 QUALITY POINTERS		
4	P4	Taping 1 Black sunprene tube to Black corrugated tube near PCB and terminal pointed tip	L 58	5±3mm 3 4 5 6 7 8±3mm tape width tape width ng, check the measurement ition.	edge of hotm terminal tip 6 2. Hold the sunpre start taping using l	58±3mm 65±3mm	be up to	MEASURING 6 7 8 9 (0 1 2 3 4	156789[Important re 1. Please use measuring to measuremen 1. No flip-out 2. No peel-off 3. No loose to the second	calibrate pe when t. tape tape ape tape tape lape dimensio	nd/verified getting the		

				WORK INSTRU	CTION	Effectivity Date:	December 16, 2022	
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							l	
PARTS:	1. Assy 2. Clam	parts p 82711-16830 (B)					JIG	Clamp Assembly Jig
NO.	NO. PROCESS NAME			WORK PROC	EDURE/ ILLUS	TOOLS/PPE	2 QUALITY POINTERS	
5	P4	Clamp assembly	1. Put the assy checker fixture continuity che wires together	e for continuity checking. Second children continuity checking Third, set the connector	CONNECTOR SETTING The correct setting). and, set the connector or 6098-3810 (W) to Re toggle clamp. Continu E1, WIRE2, and ality, STOP and	RECEIVER BASE 1 SW Button First, set the connector 6188-0066 (GR) to C 6189-0451 (W) to Checker 2 then pull the clear if the sequence light on clamp location 1 via 1	necker fixture for lited wire and B-B was ON.	Important reminders/Note/s: 1. Make sure no gap between stopper and PCB 1. No loose/tight clamp attached 2. No damage clamp 3. No missed tape 4. No missing parts 5. Make sure no clearance between PCB and stopper jig BAND CLAMP ILLUSTRATION GOOD NG 82711-16830(B) 82711-34490(B)

			WORK INSTRI	UCTION		Effectivity Date:	December 16, 2022
		Process Name/Title:	TAPING /	ASSEMBLY PRO	OCESS	Validity Date:	n/a
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		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2 Page No.: 7 of 15
PARTS:	1. Assy 2. Black					JIG	1. Clamp Assembly Jig
NO.	PROCESS NAME		WORK PRO	OCEDURE/ ILLUST	TOOLS/PPE	2 QUALITY POINTERS	
5	P4	CHECKER 1 CHECKER 1 CHECKER 1 CHECKER 1	CKER 2 CONNECTOR SETTING 4. Initially tighten the band clamp on clamp lousing right hand. 5. Get the bando gun using right hand then colamp on location 1. Press the SW button aft Continue if the sequence light on clamp location.	RECEIVER BASE 1 location 1 cut the band ter taping.	SW Button GOOD NG IGNMENT	BANDO GUN	Important reminders/Note/s: 1. Make sure no gap between stopper and PCB 1. No loose/tight clamp attached 2. No damage clamp 3. No missed tape 4. No missing parts 5. Make sure no clearance between PCB and stopper jig BANDO GUN ILLUSTRATION GOOD RG REAT NOSEPIECE EXTENDED NOSEPIECE

				Effectivity Date:		December 16,	2022				
		Process Name/Title:		TAPING AS	SEMBLY PR	OCESS		Validity Date:		n/a	
		Model Code/Part Number:	100B /	7M0592-7021	Customer:		TRJ	Document No.:		WI-ENG-PDE-	423D
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH		MASSPRO	Revision No.:	2	Page No.:	8 of 15
PARTS:	1. Assy 2. Black							JIG	1. Clam	p Assembly Jig	
NO.	Р	ROCESS NAME		WORK PROCEDURE/ ILLUSTRATION			TOOLS/PPE	/2\ Q	UALITY POI	NTERS	
5	P4	Clamp assembly (Continuation)	CHECKER 1 CHECK	CONNECTOR SETTING	CONNECTOR SETTING	RECEIVE	82711-16830 (B) 82711-16830 (B) For the clamp taping on 6. Hold the checker handle usi slide to right side. Note: Follow the illustration of 7. Hold the Black tape using right start taping using both hands of tape the press the SW button after taping using both the illustration of	ing right then on left side. Ight hand then on clamp location hen cut the tape. hing. on left side.	1. No loo 2. No da 3. No m 4. No m 5. Make	ortant reminders lake sure no gap per and PCB osse/tight clamp a amage clamp issed tape issing parts sure no clearan d stopper jig	between attached

				WORK INSTRUC	TION			Effectivity Date:	December 16,	2022
		Process Name/Title:		TAPING AS	SEMBLY PR	OCESS		Validity Date:	n/a	
		Model Code/Part Number:	100B /	7M0592-7021	Customer:	TRJ		Document No.:	WI-ENG-PDE-	423D
		Purpose:	☐ PROTOTYPE	[PRE-LAUNCH	N	MASSPRO	Revision No.:	2 Page No.:	9 of 15
	ı									
PARTS:	1. Assy 2. Black							JIG	1. Clamp Assembly Jig	
NO.	Р	ROCESS NAME	WORK PROCEDURE/ ILLUSTRATION					TOOLS/PPE	2 QUALITY POI	NTERS
5	P4	Clamp assembly (Continuation)	CHECKER 1 CHECKER 1	82711-52090 (W	CONNECTOR SETTING	RECEIVER BASE 10. Ousing	9. Remove the conne Checker 2 using both	82711-52090 (W) Pector 6189-0451 (W) in a hands. Continue if the implocation 3 was ON. Pluct spot taping addings of tape	Important reminders, 1. Make sure no gap stopper and PCB 1. No loose/tight clamp a 2. No damage clamp 3. No missed tape 4. No missing parts 5. Make sure no clearant PCB and stopper jig	between attached

				WORK INSTRUC	Effectivity Date:	December 16, 2022		
		Process Name/Title:		TAPING AS	SEMBLY PR	OCESS	Validity Date:	n/a
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		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:	2 Page No.: 10 of 15
							T	
PARTS: 1. Assy 2. Blac							JIG	1. Clamp Assembly Jig
NO.	Р	ROCESS NAME		WORK PROC	EDURE/ ILLUS	STRATION	TOOLS/PPE	2 QUALITY POINTERS
5	P4	Clamp assembly (Continuation)	COT Ø5 L=8	CONNECTOR SETTING R I OT L=111±3	The state of the s	11. Release the lock of Receiver base 1 then remove the connector 6098-3810 (hand. Note: Follow the illustration on left side using right hand then start taping using I location 3. Make 3 windings of tape the SW button after taping. Continue if to clamp location 4 was ON.	using right hand W) using left I, hold the Black tape both hands on clamp in cut the tape. Press	Important reminders/Note/s: 1. Make sure no gap between stopper and PCB 1. No loose/tight clamp attached 2. No damage clamp 3. No missed tape 4. No missing parts 5. Make sure no clearance between PCB and stopper jig

				WORK INSTRUC	CTION		Effectivity Date:	December 16, 2022
		Process Name/Title:		TAPING AS	SEMBLY PR	ROCESS	Validity Date:	n/a
		Model Code/Part Number:	100B /	7M0592-7021	Customer:	TRJ	Document No.:	WI-ENG-PDE-423D
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:	2 Page No.: 11 of 15
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PARTS:	1. Assy 2. Black 3. Orang	tape					JIG	1. Clamp Assembly Jig
NO.	P	PROCESS NAME	ME WORK PROCEDURE/ ILLUSTRATION TOOLS				TOOLS/PPE	2 QUALITY POINTERS
5	P4	Clamp assembly (Continuation)	13. Hold the Blad both hands on clear the tape. Presequence light of the Blad both hands on clear the B	CONNECTOR SETTING Ck tape using right hand the amp location 5 was ON ck tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after tape using right hand the amp location 6. Make 3 was the SW button after ta	CONNECTOR SETTING Then start taping using vindings of tape then ping. Continue if the N. Then start taping using vindings of tape then	then cut the tape. Color sensor light v detects Orange tape during taping. Pr taping. Continue if the sequence light ON.	. Make 3 windings of tape vill beep/buzz if sensor ress the SW button after on clamp location 6 was	Important reminders/Note/s: 1. Make sure no gap between stopper and PCB 1. No loose/tight clamp attached 2. No damage clamp 3. No missed tape 4. No missing parts 5. Make sure no clearance between PCB and stopper jig

			V	VORK INSTRUC	CTION		Effectivity Da	ite:	December	16, 2022
		Process Name/Title:		TAPING AS	SSEMBLY PR	ROCESS	Validity Date:		n/a	1
		Model Code/Part Number:	100B / 7	M0592-7021	Customer:	TRJ	Document No	o.:	WI-ENG-P	DE-423D
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSE	PRO Revision No.	:	2 Page No.:	12 of 15
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PARTS:	1. Assy	/ parts						JIG	n/a	
NO.		PROCESS NAME	<u>/2</u> \	WORK PROC	EDURE/ ILLUS	TOOL	S/PPE	2 QUALITY P	OINTERS	
6	P4	Visual/By Two's Inspection		sample lock, to	rts) 4. Che	ck the connector lock, term on and taping condition.	prese clamp taping	eck the nce of o tube and g condition.	MASTER S	

		WORK INSTR	RUCTION	Effectivity Date:	December 16, 2022
	Process Name/Title:		ASSEMBLY PROCESS	Validity Date:	n/a
	Model Code/Part Number:			Document No.:	WI-ENG-PDE-423D
	Purpose:	☐ PROTOTYPE	PRE-LAUNCH MA	SSPRO Revision No.:	2 Page No.: 13 of 15
PARTS:	1. Assy parts	^		JIG	n/a
NO.	PROCESS NAME	<u>∕</u> 2\ WORK PR	OCEDURE/ ILLUSTRATION	TOOLS/PPE	2 QUALITY POINTERS
6	Visual/By Two's Inspection (Continuation)		6. Check the Y-Taping condition, presence of all clamp attachment, taping condition and band clamp cut condition. 8. Check the term appearance. Must terminal.	7. Conduct bending of COT and tube then check the taping condition.	Important reminders/Note/s: 1. Using a steel rule, check if the band cut measurement is within the required dimension (0~2mm) and should not exceed the maximum value.

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PARTS:	n/a								JIG	n/a			
NO.	PROCESS NAME		WORK PROCEDURE/ ILLUSTRATION						TOOLS/PPE			2 QUALITY POINTERS	
7	P4	Measurement	ļ <u></u>	111±3mm 131±3 5±5mm 7 0~3mm 111±5mm	Note Please when	se use calibrat n getting the I	ted/verified measuring tape measurement.	216±3mm 208±3mm		1. FOR OWAR	rant reminde. HATSUMON IMONO rong dimensi	O AND	

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Purpose: Prototype Pre-launch Masspro	Revision No.:	2 Page No.:	15 of 15						
PARTS: n/a	JIG	n/a							
QUALITY CHECKPOINTS									
P4 7M0592-7021									
	7	100	ND AMP CUT						
NO GOOD TAPE WIDTH 58±3mm VT to hotmelt ON O	3		4						
1 No WRONG INSERT No UNLOCKED/HALFLOCKED NO TBO 2 NO Missing VT 3 NO Missing Clamp	4) NO Wro	ong Use range)	d of						