						WORK INSTR	UCTION				Effect	tivity Date:		January 19, 2	2023
			Process Name/Title:			TAPING A	ASSEMBLY PROC	CESS			Validi	ty Date:		n/a	
	-10	7	Model Code/ Product Number:	780B	1	7R0104-7023A	Customer:	TRMX			Docur	ment No.:		WI-ENG-PDE-5	57D
			Purpose:	□ PR	OTOTYP	E] PRE-LAUNCH	MASS	PRO		Revis	ion No.:	3	Page No.:	1 of 11
													ı		
PARTS:	1	1. Assy l	Parts; Clamp 82711-26380 (B	R); Clamp 82	711-168	330 (B); Label 7V4030-0020						JIG:	1. Clamp as 2. Label dis		
NO) .	Р	PROCESS NAME			WORK PRO	CEDURE/ ILLUSTR	ATION				TOOLS/PPE		QUALITY POIN	ITERS
1		P4	Table Lay-out	Clamp As		Label 7V4030- 0020	nser SE	Bando Gun (FI NOSEPIECE	LAT	pamp 82711- 16830 (B)	Be s F Opco	afety Instruction ure to wear prescripersonal protective equipment during eration (gloves, finicots, etc.) Housekeeping Maintain and alwa practice 5's. Personal things on orkplace is prohibite ep it in your locke Alert level or any trouble, info e Assembly Assistate pervisor or Line Lea immediate correct action.	ibed 1.No missing 2. No excess ger Gays the ed. er. = : : : : : : : : : : : : : : : : : :	BAND CLAMP ILLI	82711-34490 (6)
	1									1		Prepared by	Reviewed by	Approved by	Noted by
01/19/23	2 1	mprove	n of Quality Checkpoints. work procedure/illustration on					M. Ariola	J. Loterte	C. Villanueva	A. Arañes	- Andrelyt		.//	Alas
	r		ers/Notes and references on p			and 10 due to process imp	rovement.	M. Ariola	J. Loterte		A. Arañes	1	1 Oxford	Joseph House	
07/22/22 Eff. Date		inange f	rom Pre-launch to Masspro.Char	<u> </u>		Dh		M. Ariola	J. Loterte		A. Arañes	M. Ariola	J. Loverte	C. Villanueva	A. Arañes
⊏ıı. Dale	rev. No			De	etails of (nange		Revised	Reviewed	Approved	Noted	Est. Date:	December 04, 2020		

					WORK INSTRUCTI	ON			Effectivity Date:			January	19, 2023
		Process Name/Title:			TAPING ASS	EME	BLY PROCES	S	Validity Date:			n/	a
		Model Code/ Product Number:	780B	1	7R0104-7023A	Cust	tomer:	TRMX	Document No.:			WI-ENG-P	DE-557D
		Purpose:	PF	ОТОТҮР	E \Box	PRE-	-LAUNCH	MASSPRO	Revision No.:		3	Page No.:	2 of 11
PARTS:	1. Assy 2. Clam	parts p 82711-26380 (BR) [4pcs.]								JIG	1. Clam	p assembly j	ig
NO.		PROCESS NAME			WORK PROCE	DURI	E/ ILLUSTRATION	ON	TOOLS/	PPE	Q	UALITY F	POINTERS
2	P4	Clamp setting	2. Get 1pc. o hand and set	f clamp 8 to clamp		2		82711-26380 (BR) using right np location 4 using both hands.	Safety Instr Be sure to prescribed per protective equal during oper (gloves, finge etc.) Housekee 1. Maintain an practice 9 2. Personal the the workplar prohibited. Kee your lock Alert lee For any trouble the Assembly A Supervisor of Leader for immager corrective a	ping dialways s's. ings on ace is er. yel e, inform Assistant or Line mediate	2. No da 2. No w Imp 1. Plea band asserr clamp	BAND CLAM	ape ders/Note/s: clamp and start of

			WORK INST	RUCTION		Effectivity Date:	January 19, 2023
		Process Name/Title:	TAPINO	S ASSEMBLY PR	OCESS	Validity Date:	n/a
		Model Code/ Product Number:	780B / 7R0104-702	Customer:	TRMX	Document No.:	WI-ENG-PDE-557D
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	3 Page No.: 3 of 11
	1	ı					
PARTS:	1. Assy 2. Clam	parts p 82711-16830 (B)				JIG	1. Clamp assembly jig
NO.		PROCESS NAME	WORK P	ROCEDURE/ ILLUS	TRATION	TOOLS/PPE	QUALITY POINTERS
3	P4	Clamp setting (Continuation)	Connector setting Checker 1 Condend Checker 2 Connector setting Checker 1 Connector setting	ker fixture for continuity che sor detects Yellow tape. (See per jig and push down the to checker fixture for continuit g right hand and set Clause of the see of t	ct setting). First, set the connector 6189-cking. Continue to set the harness in jig. be below illustration for Y-Taping lock.) oggle clamp. Last, set the connector		1. No loose attachment of clamp 2. No damaged clamp 3. No missed tape 4. No missing parts Important reminders/Note/s: 1. Make sure no gap between the PCB and stopper jig. BAND CLAMP ILLUSTRATION GOOD NG 82711-16830(B) 82711-34430(B)

					WORK INSTRUCTION			Effectivity Date:			January	19, 2023
		Process Name/Title:			TAPING ASS	EMBLY P	ROCESS	Validity Date:			n/	a
		Model Code/ Product Number:	780B	1	7R0104-7023A	Customer:	TRMX	Document No.:			WI-ENG-P	DE-557D
		Purpose:	☐ PI	ROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:		3	Page No.:	4 of 11
									1			
PARTS:	1. Assy	parts							JIG	1. Clamp	o assembly j	ig
NO.		PROCESS NAME			WORK PROCED	OURE/ ILLU:	STRATION	TOOLS/	PPE	Q	UALITY F	POINTERS
4	P4	Connector Clamp assembly	1. Initially tig 1, 2, 3, 4, and 2. Get the Ba band clamp of SW button a process if cla 3. Cut the ba hands. Press clamp. Conti 4. Cut the ba hands. Press	onnector see the base of the SW but not clamp of the S	etting Checker 2 and clamp on clamp location oth hands. Using right hand and cut the 1 using both hands. Press the g of band clamp. Continue the	de e	\$C1=1-6; 10	BANDO GUN NOSEPIE		2. No da 3. No mi 4. No mi 1. Mal and st 2. Setti depen tube. For: øs	amaged clamssed tape ssing parts rtant remind ke sure no garopper jig. ing of band cods on the size 5 - 1~2, Ø7 - 3	lers/Note/s: In petween the PCB Ilamp cutter Ilamp cof the COT/Vinyl

				WORK INSTRUCTION	ON		Effectivity Date:		January 19, 2023
		Process Name/Title:		TAPING ASS	EMBLY PROCESS		Validity Date:		n/a
		Model Code/ Product Number:	780B /	7R0104-7023A	Customer:	TRMX	Document No.:		WI-ENG-PDE-557D
		Purpose:	PROTOT	TYPE	PRE-LAUNCH	MASSPRO	Revision No.:		3 Page No.: 5 of 11
PARTS:	1. Assy	parts						JIG	1. Clamp assembly jig
NO.	ı	PROCESS NAME		WORK PROCED	URE/ ILLUSTRATION		TOOLS/PF	PE	QUALITY POINTERS
4	P4	Connector Clamp assembly (Continuation)	5. Cut the band cla hands. Press the St clamp. Continue th on.	SW Button	SW Button 82711-16830 (B) Checker 2 h 6. Cut the band clamp on hands. (See below illustrar after cutting of band clam Attachment.	clamp location 5 using both tion). Press the SW button p. Continue on label HORIZONTAL LINE NG OK NG	BANDO GUN (I NOSEPIECE	FLAT	1. No loose attachment of clamp 2. No damaged clamp 3. No missed tape 4. No missing parts 5. No wrong use of tape 6. No wrong use of clamp Important reminders/Note/s: 1. Make sure no gap between the PCB and stopper jig. 2. Setting of band clamp cutter depends on the size of the COT/Vinyl tube. For: Ø5 - 1~2, Ø7 - 3~4 BANDO GUN ILLUSTRATION GOOD NO GOOD NO RETENDED NOSEPIECE EXTENDED NOSEPIECE

					WORK INSTRUCTION	ON			Effectivity Date:			January 1	9, 2023
		Process Name/Title:			TAPING ASS	EMBL	Y PROCESS		Validity Date:			n/a	1
		Model Code/ Product Number:	780B	1	7R0104-7023A	Custome	r: TRMX		Document No.:			WI-ENG-PI	DE-557D
		Purpose:	PF	ROTOTY	PE	PRE-LAUN	ICH MAS	SPRO	Revision No.:		3	Page No.:	6 of 11
										ı			
PARTS:	1. Assy	parts								JIG		np assembly jig Il Dispenser	g
NO.		PROCESS NAME			WORK PROCED	OURE/ II	LUSTRATION		TOOLS/	PPE	C	QUALITY P	OINTERS
4	P4	Clamp assembly (Continuation)	7. For label the label cousing both i	Connect attachm de. Afte ndex fin	VELLOW TAPE only.	82711-1	4 Button		n/a		2. No da 3. No m 4. No m	pose attachme amaged clamp nissed tape nissing parts rrong use of ta	p .

				WORK INSTRUCTION	ON		Effectivity Date:			January 1	9, 2023
		Process Name/Title:		TAPING AS	SEMBLY PROCESS		Validity Date:			n/a	l
		Model Code/ Product Number:	780B /	7R0104-7023A	Customer: TR	RMX	Document No.:			WI-ENG-PD	DE-557D
		Purpose:	☐ PROTO)TYPE	PRE-LAUNCH	MASSPRO	Revision No.:		3 F	Page No.:	7 of 11
PARTS:	1. Assy 2. Labe	parts I 7V4030-0020						JIG	1. Clamp	Assembly jiç)
NO.		PROCESS NAME		WORK PROCE	DURE/ ILLUSTRATION		TOOLS/I	PPE	QU	JALITY P	OINTERS
5	P4	Label attachment		Driver Power Driver PWR-MEM Description	1. Get the Note: Che item no. 8 Item no. 8 name 3. Fold label	ck the model code,	n/a		5. No miss 6. No loos	nage Il off ng use of lat	nt

					WORK INSTRUC	TION		Eff	fectivity Date:	T	January	19, 2023
		Process Name/Title:			TAPING AS	SSEMBLY PR	OCESS	Va	alidity Date:		n,	la
		Model Code/ Product Number:	780B	1	7R0104-7023A	Customer:	TRM	X Do	ocument No.:		WI-ENG-F	DE-557D
		Purpose:	P	ROTOTYPI		PRE-LAUNCH	M	MASSPRO Re	evision No.:	3	Page No.:	8 of 11
										-		
PARTS:		mbled parts er sample							JIG	n/a		
NO.		PROCESS NAME			WORK PROC	EDURE/ ILLUS	TRATION		TOOLS/PPE	C	QUALITY I	POINTERS
6	P4	Visual/By two's inspection	1. Conduct harness (N vs. Assemb using both	alignmen laster sam	t of ple	e connector lock, and insertion.	band o	cck the presence of all clamp clamp cut. 5. Check the presence clamp attachment a	ce of	1. No sk Impo 1. Usin cut m requir excee	prtant remindating steel rule, neasurement is red dimension of the allowab	during inspection. ers/Note/s: check if the band s within the and should not ble range

band clamp cut.

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				WORK INSTRUC	TION		Effectivity Date:			January '	19, 2023
		Process Name/Title:		TAPING AS	SSEMBLY PROCI	ESS	Validity Date:			n/a	а
		Model Code/ Product Number:	780B /	7R0104-7023A	Customer:	TRMX	Document No.:			WI-ENG-P	DE-557D
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	1						ı				
PARTS:		mbled parts er sample						JIG	n/a		
NO.	I	PROCESS NAME		WORK PROC	EDURE/ ILLUSTRA	TION	TOOLS/PPE	Ε	Q	UALITY F	POINTERS
6	P4	Visual/By two's inspection (Continuation)	8. Check the Tapic condition of COT sunprene tube. C	to	6. Check the connector loci terminal and insertion. 9. Check the Tacondition and tape (Yellow taonly)	aping color of	7. Check the Y-Taping condition and color of tape (Yellow tape only 10. Check the termina and PCB appearance. Must be no deformed terminal.	f f y).		MASTER S	during inspection.

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slightly bending.

					WORK INSTRUC	CTION		Effectivity Date:			January	19. 2023
		Process Name/Title:				SSEMBLY P	ROCESS	Validity Date:			n/	
		Model Code/ Product Number:	780B	1	7R0104-7023A		TRMX	Document No.:			WI-ENG-P	
		Purpose:	☐ PR	ОТОТҮРЕ	Е	PRE-LAUNCH	MASSPRO	Revision No.:		3	Page No.:	10 of 11
	1							T		1		
PARTS:	n/a								JIG	n/a		
NO.		PROCESS NAME			WORK PROC	EDURE/ ILLU	ISTRATION	TOOLS/PI	PE	Q	UALITY F	POINTERS
7	P4	Measurement		176:	± 3mm ± 3mm ± 3mm	60± 5mm	135± 5mm 130± 5mm 130± 5mm	155± 5mm 0°5mm 0°5mm 0°5mm 0°5 mm 0°5 mm	m	1. Plea measa measa 2. For		ers/Note/s: ated/ verified aen getting the

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	Process Name/Title:		TAPING ASS	EMBLY PR	OCESS	Validity Date:			n/a	a
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PARTS: n/a							JIG	n/a		
1			3 QUA	LITY CHECK	POINTS	1				
P4		7	'RO:	104		23A				
TRANSPORTED TO THE PART OF THE	3	4 2	3	3	3		2	7		A STATE OF THE PROPERTY OF THE
	INLOCKED/ H	ALF LOCK		SSING (4	NO MIS No wron CODE				