											Effec	tivity Date:		December 20, 2022		
			Process Name/Title:			TAPIN	G ASSEMBLY P	ROCESS			Valid	ity Date:		n/a		
			Model Code/Part Number:	150B	1	7L0059-7023	Customer:	TRQ	SS		Docu	ment No.:		WI-ENG-PDE-4	35C	
'			Purpose:	□PF	ROTOTYF	E	PRE-LAUNCH	MASSPI	RO		Revis	sion No.:	2	Page No.:	1 of 9	
PARTS:		1. All pa	rts: Assy parts; Clamp 82711	-52090 (W); (Clamp 82	2711-3A540 (W); Clamp 8	32711-34490 (B); Black t	ape [5pcs.]				JIG:	1. Clamp a	ssembly jig		
N	0.	P	ROCESS NAME			WORK P	ROCEDURE/ ILLU	STRATION				TOOLS/PPE		QUALITY POINTERS		
1		P3	Table Lay-out	Clamp as	ssembly ji		TABLE LAY-OU	Jamp 82711-3A540 (W)/ Clamp tray	pp 82711-3449 Clamp tray		op op 1	sure to wear requipersonal protective equipment during eration (gloves, finacots, etc.) Housekeeping Maintain and alwapractice 5's. Personal things on orkplace is prohibiticep it in your locked and the surface of the Assembly Assistator or Line Learimmediate correct action.	ger 2. No excelled a second se	BAND CLAMP ILLUSTRA OD NG	82711-12A80 (W)	
			•			Revision History						Prepared by	Reviewed by	Approved by	Noted by	
12/20/22	2	process	Quality pointers; Reminders/note no.4-Visual/ by two's inspection.				c procedure/illustration on	M. Ariola		C. Villanueva	A. Arañes	Introdup	(May)	South) Hours		
05/23/22	1	Jig modif	ication due to improvement.						J. Loterte	C. Villanueva	A. Arañes	M. Arjøla	J. Loterte	C. Villanueva	A. Aranes	
Eff. Date	Rev. No			D	etails of	Change		Revised	Reviewed	Approved	Noted	Est. Date:		February 24, 2022		

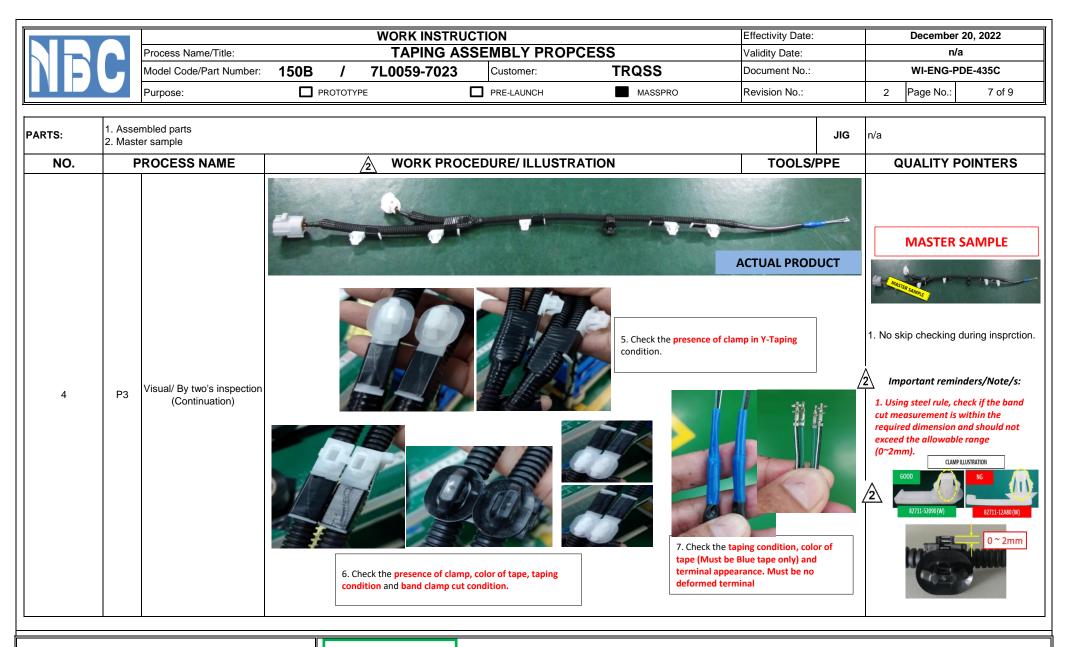
			WORK IN	Effectivity Date:	December 20, 2022			
		Process Name/Title:	TAPII	IG ASSEME	BLY PROPCI	ESS	Validity Date:	n/a
		Model Code/Part Number:	150B / 7L0059-	7023 Cus	stomer:	TRQSS	Document No.:	WI-ENG-PDE-435C
		Purpose:	☐ PROTOTYPE	☐ PRE-	E-LAUNCH	MASSPRO	Revision No.:	2 Page No.: 2 of 9
	•	<u>'</u>						
PARTS:		np 82711-52090 (W) [4pcs.] np 82711-3A540 (W)			Clamp 82711-3449 Black tape [5pcs.]	O (B)	JIG	Clamp assembly jig
NO.	ı	PROCESS NAME	WORK	PROCEDUR	RE/ ILLUSTRAT	TON	TOOLS/PPE	QUALITY POINTERS
2	P3	Clamp setting	1. Get 2 pcs. of clamp 82711-52090 insert to clamp location 5 and 1 usi 2. Get 2 pcs. of clamp 82711-52090 both hands then insert to clamp lousing both hands. 3. Get 1 pc. of clamp 82711-3A540 hand then insert to clamp location hands.	(W) using both hands. O (W) using cation 3 and 4 (W) using right 6 using both	Push	82711-34490(B) 4. Get 1 pc. of clamp 82711-344 insert to clamp location 2 using illustration for clamp setting)	both hands. (See below	1. No wrong use of parts 2. No wrong use of tape 3. No damaged clamp 4. No wrong clamp position STANDARD TAPING FOR CLAMP One side tape under clamp Important reminders/Note/s: 1. Please check the clamp first before start of assembly to avoid wrong use of clamp.

			WORK	K INSTRUCTION	N		Effectivity Date:	December 20, 2022		
		Process Name/Title:	TA	PING ASSEM	BLY PROPCESS		Validity Date:	n/a		
		Model Code/Part Number:	150B / 7L005	59-7023 Cu	ustomer: T	RQSS	Document No.:	WI-ENG-PDE-435C		
		Purpose:	☐ PROTOTYPE	☐ PRI	RE-LAUNCH	MASSPRO	Revision No.:	2 Page No.: 3 of 9		
		1								
PARTS:	1. Assy 2. Black						JIG	1. Clamp assembly jig		
NO.		PROCESS NAME	WC	RK PROCEDUR	RE/ ILLUSTRATION		TOOLS/PPE	QUALITY POINTERS		
3	P3	Clamp assembly	CONNECTOR SETTING CHECKER 1 1. Get the assy parts and set into 1 then pull the checker fixture for for continuity checking. Continuity sequence light of location 1 was 82711 LOCKED NOTE: On clamp location 2, if clar (B) is unlock and the toggle clamp	o jig. (See above pictures or continuity checking. See to set the harness in jon. -34490(B) GOOD TOGGLI mp 82711-34490 (B) is I	82711-3A540(W) e for correct setting of harnes Second, set the connector 618 jig. Last, set the PCB within the UNLOCKEI	s). First, set the connector 618-9-0451 (W) to Checker 2 there estopper then press by Toggle 22711-34490(B) TOGGLE s set, the proces will proceed.	88-0066 (GR) to Checker a pull the checker fixture e clamp. Continue if the	1. No wrong use of parts 2. No wrong use of tape 3. No damaged clamp 4. No wrong clamp position Important reminders/Note/s: 1. Make sure no gap between stopper jig and PCB.		

			WORK INSTRU	Effectivity Date:	December 20, 2022				
		Process Name/Title:	TAPING AS	SSEMBLY PROPCES	SS	Validity Date:	n/a		
		Model Code/Part Number:	150B / 7L0059-7023	Customer:	TRQSS	Document No.:	WI-ENG-PDE-435C		
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2 Page No.: 4 of 9		
<u> </u>						1			
PARTS:	1. Assy 2. Black					JIG	1. Clamp assembly jig		
NO.	I	PROCESS NAME	WORK PRO	CEDURE/ ILLUSTRATION	ON	TOOLS/PPE	QUALITY POINTERS		
3	P3	Clamp assembly (Continuation)	CONNECTOR SETTING CHECKER 1 82711-52090 (W) 2. Check if all LED light for Power On, Clamp Cattention of the leader. WAIT for further instru		countered abnormality, STOP and	COLOR SENSOR BLUE TAPE ONLY	Important reminders/Note/s: 1. Make sure no gap between stopper jig and PCB. 2. Using steel rule, check if the band cut measurement is within the required dimension and should not exceed the allowable range (0~2mm). 3. Setting of band clamp cutter depends on the size of the COT/Vinyl tube. For: Ø5 - 1~2, Ø7 - 3~4		
			3. Hold the tape on clamp location 1, make 3 windings of tape then cut the tape using both hands. Press the SW button after taping. Continue the process if sequence light on clamp location 2 was ON. Unlock pin GOOD NG NOTE: Pin must be hit during cutting of bando gun.	5. Get the bando gun using clamp on location 2 using	ng right hand then cut the band to both hands. Press the SW button rocess if sequence light on clamp Fixed setting of band clamp cutter: 1~2	BANDO GUN (FLAT NOSEPIECE)	1. No wrong use of parts 2. No wrong use of tape 3. No damaged clamp 4. No wrong clamp position BANDO GUN ILLUSTRATION GOOD NG RATI NOSEPIECE EXTENDED NOSEPIECE		

WORK INSTRUCTION Effectivity Date:												
	Process Name/Title:				EMBLY PR	OPCESS	Validity Date:			n/a		
		Model Code/Part Number:		9-7023	Customer:	TRQSS	Document No.:		١	WI-ENG-PDE	E-435C	
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:		2 P	age No.:	5 of 9	
PARTS:	1. Assy 2. Black		3. White tape					JIG	1. Clamp a	Clamp assembly jig		
NO.	F	PROCESS NAME	WO	RK PROCE	DURE/ ILLUS	STRATION	TOOLS/F	PPE	QUALITY POINTERS			
3	P3	Clamp assembly (Continuation)	CONNECTOR SETTING CHECKER 1 82711-52090 (6. Hold the tape on clamp location then cut the tape using both han beep/buzz if sensor detects White after taping. Continue the process location 4 was ON. 8. Hold the tape on clamp location then cut the tape using both har taping. Continue the process if s 6 was ON.	on 3, make 3 winds. Color sensor the tape. Press the sif sequence light on 5, make 3 winds. Press the SW equence light on	dings of tape light will e SW button nt on clamp dings of tape button after clamp location	7. Hold the tape on clamp location 4, ma then cut the tape using both hands. Press taping. Continue the process if sequence was ON. 9. Hold the tape on clamp location 6, ma then cut the tape using both hands. Press taping. Go sound will be heard.	s the SW button afte light on clamp locati decided by the state of the state ke 3 windings of tap	NSOR EONLY	1. Make stopper	rtant remindo sure no gap jig and term ng use of par ng use of tap naged clamp ng clamp pos	between inal. ts e	

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		Process Name/Title:		TAPING AS	SEMBLY PRO	PCESS		Validity Date:		n/a				
		Model Code/Part Number:	150B / 7	L0059-7023	Customer:	TRO	QSS	Document No.:		WI-ENG	-PDE-435C			
		Purpose:	■ PROTOTYPE		PRE-LAUNCH		MASSPRO	Revision No.:		2 Page No.	: 6 of 9			
<u> </u>	ı	•									-			
PARTS:		mbled parts er sample					JIG	n/a						
NO.	Р	ROCESS NAME	2	WORK PROC	EDURE/ ILLUST	RATION		TOOLS/F	PPE	QUALITY POINTERS				
4	P3	Visual/ By two's inspection	Assembled parts 1. Conduct alignment of (Master sample vs. asseparts) using both hands	embled	3. Check the presence clamp and taping cond		4. Check the termina and insertion.	2. Check the terminal, connector lock condition, insertion and taping condition.		1. No skip checkin	g during inspection.			



WORK INSTRUCTION Effectivity Date:											\Box
		Process Name/Title:		TAPING A	SSEM	BLY PROP	CESS	Validity Date:		n/a	
		Model Code/Part Number:	150B /	7L0059-7023	Cu	ıstomer:	TRQSS	Document No.:		WI-ENG-PDE-435C	
		Purpose:	☐ PROTOTYPE		☐ PR	E-LAUNCH	MASSPRO	Revision No.:		2 Page No.: 8 of 9	
		•						<u>.</u>			=
PARTS:	n/a								JIG	n/a	
NO.	F	PROCESS NAME		WORK PRO	OCEDUR	RE/ ILLUSTR	ATION	TOOLS/F	PPE	QUALITY POINTERS	
5		Measurement	0~5mm 0~5mm 116±5mm	n	±5mm 0±5mm 131±3mn	124±3	94±3mm	221±3mm 60±3mm MEASURING TAPE	2	MASTER SAMPLE 1. No wrong dimension Important reminders/Note/s: 1. Please use calibrated/verified measuring tape when getting the measurement. 2. For Hatsumono and Owarimono.	
	P3										

WORK INSTRUCTION		December 20, 2022									
Process Name/Title: TAPING ASSEMBLY PROPCESS	Validity Date:			n/a	1						
Model Code/Part Number: 150B / 7L0059-7023 Customer: TRQSS	Document No.:		WI-ENG-PDE-435C								
Purpose: Prototype Pre-Launch Masspro	Revision No.:		2	Page No.:	9 of 9						
				•							
PARTS: n/a		JIG	n/a								
QUALITY CHECKPOINTS											
P3 7L0059-7023											
GOOD 2 2 2 2	2	3			4						
(1) = (6pcs.)	lo Defoi Checking										