		_			WORKI	NSTRUCTION				Effe	ctivity Date:		March 7, 202	23
			Process Name/Title:			ING ASSEMBLY PROC	ESS				dity Date:		n/a	
			Model Code/Part Number:	177D	/ 7L0128-702			QSS		Doc	ument No.:		WI-ENG-PDE-3	52C
			Purpose:	PROT		PRE-LAUNCH	MASS				sion No.:	2	Page No.:	1 of 9
			•										•	
PARTS:		1. All pa	arts: Assy parts; Clamp 82711	·52090 (W); Cla	mp 82711-3A540 (W); C	lamp 82711-34490 (B); Black tape	[4pcs.]; Whit	te tape			JIG:	1. Clamp a	ssembly jig	
NO	0.	F	PROCESS NAME		WOR	K PROCEDURE/ ILLUSTR.	ATION				TOOLS/PPE		QUALITY POIN	ITERS
1	ı	P3	Table Lay-out	Clamp assen	Blad	Assy parts ck tape/Tape holder Whi		Cla	/11-34490 (B)/mp tray	Be a second of the second of t	Safety Instruction In survey to wear requestion of the serve to wear the serve to	ays the ted. er. 1. No miss 2. No exce	11-16830 (B) 827	82711-12A80(W)
	1	l			Revision Histor	у	1	1	ı	ı	Prepared by	Reviewed by	Approved by	Noted by
03/07/23	2		struction improvement. Improve w y checkpoints (Page 9).	ork procedure/ Illu	stration and Quality pointers	s. Update by two's inspection. Inclusion	D.Castillo	J. Loterte	C. Villanueva C.	A. Arañes				
01/17/22	0		e in COT length from φ5 L=517±			om 7L0128-7020 to 7L0128-7020A due erance from COT to MR SW.	K. Doria M. Catapang	J. Loterte J. Loterte	Villanueva C. Villanueva	A. Arañes A. Arañes	D. Castillo	J. Loterte	Joseph House	A Aranes
Eff. Date	-	miliai iss	uc	Detai	ils of Change		Revised	Reviewed	Approved	Noted	Est. Date:	October 13, 2021	O. Villariueva	A. Aterico
		1		Dotai			1		, .pp.0104			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		

				WORK INSTRUCTI	ON		Effectivity Date:		March	7, 2023
		Process Name/Title:		TAPING ASSE	MBLY PROF	PCESS	Validity Date:		n	'a
		Model Code/Part Number:	177D /	7L0128-7020A	Customer:	TRQSS	Document No.:		WI-ENG-F	PDE-352C
		Purpose:	☐ PROTOTYP	E 🗆	PRE-LAUNCH	MASSPRO	Revision No.:		2 Page No.:	2 of 9
PARTS:	2. Clam	p 82711-52090 (W) [4pcs.] p 82711-3A540 (W) p 82711-34490 (B)			4. Black tape [4pc 5. White tape	es.]		JIG	1. Clamp assembly	jig
NO.	F	PROCESS NAME		WORK PROCED	OURE/ ILLUSTF	RATION	TOOLS/	PPE	QUALITY I	POINTERS
2	P3	Clamp setting	both hands then insusing both hands. 2. Get 2 pcs. of clan both hands then insusing both hands. 3. Get 1 pc. of clam hand then insert to hands.	pp 82711-52090 (W) using ert to clamp location 5 and 1 pp 82711-52090 (W) using ert to clamp location 3 and 4 pp 82711-3A540 (W) using right clamp location 6 using both	4. Get 1 pc. o hand then inshands. (See b	1-34490(B) 82711-52090 (W) of clamp 82711-34490 (B) using right sert to clamp location 2 using both selow illustration for clamp setting) R R R using both hands.	n/a		1. No wrong use of 2. No wrong use of 3. No damaged clar 4. No wrong clamp Important remind 1. Please check the start of assembly t of clamp. CLAMPILL GOOD BAND CLAMP I GOOD	under clamp parts tape np position ters/Note/s: clamp first before o avoid wrong use STRATION NG 82711-12A80 (W)

			,	WORK INSTRUC	TION			Effectivity Date:	March 7, 2023
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		Model Code/Part Number:	177D / 7	L0128-7020A	Customer:	TRO	QSS	Document No.:	WI-ENG-PDE-352C
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PARTS:	1. Assy 2. Black							JIG	1. Clamp assembly jig
NO.	I	PROCESS NAME		WORK PROCE	EDURE/ ILLUS	TRATION		TOOLS/PPE	QUALITY POINTERS
3	P3	Clamp assembly	CONNECTOR SETTING CHECKER 1	82711-52090 (W)	CONNECTOR SETTING	<u>whi</u>	2 3 4 LOR SENSOR TE TAPE ONLY	MSC 7700	Important reminders/Note/s: 1. Make sure no gap between stopper jig and PCB. 1. No wrong use of parts 2. No wrong use of tape 3. No damaged clamp
			1. Get the assy parts and setting of harness). First, 1 then pull the checker fix connector 6189-0451 (W) continuity checking. Conti terminal within the stopp sequence light of location 82711-34490(B)	set the connector 6188-cture for continuity check to Checker 2 then pull the inue to set the harness in er then press by Toggle con 1 was ON.	OO66 (GR) to Checke king. Second, set the the checker fixture fo n jig. Last, set the	was ON. If en CALL the atte continue the continue the then cut the taping. Continue was ON.	process. ape on clamp location 1, natape using both hands. Pronue the process if sequential sequences. NOTE: On clamp location 1, natape using both hands. Process if sequential sequences will be processed and the process will processed the process will processed.	make 3 windings of tape ess the SW button after ce light on clamp location 2 on 2, if clamp 82711- d the toggle clamp is set, d. If clamp 82711-34490 or ggle clamp is set, the	4. No wrong clamp position

				WORK INSTRUCT	TION		Effectivity Da	e:		March 7	, 2023
		Process Name/Title:		TAPING ASS	EMBLY PR	OPCESS	Validity Date:	,		n/a	1
		Model Code/Part Number:	177D /	7L0128-7020A	Customer:	TRQSS	Document No	·.:		WI-ENG-PI	DE-352C
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PARTS:	1. Assy 2. Black							JIG	1. Clam	ıp assembly ji	g
NO.	F	PROCESS NAME		WORK PROCE	DURE/ ILLUS	TRATION	TOOL	S/PPE	Q	UALITY P	OINTERS
3	P3	Clamp assembly (Continuation)	using both hands. 5. Get the bando gun u clamp on location 2 us	PERPENDICULARI NG	me band SW se light on MENT TY OK diclamp e size of	82711-3A540(W) 6 COLOR SENS WHITE TAPE COLOR GOOD Fixed setting of band clar cutter: 1-2	3 4 OR DNLY	-52090 (W)	1. Ma stopp 1. No w 2. No w 3. No da	rtant reminder ake sure no gaper jig and PCB. Trong use of prong use of tamaged clamarrong clamp p	arts ape

			1	WORK INSTRUCTION	ON		Effectivity Date:		Ma	rch 7, 2023
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PARTS:	1. Assy 2. Black			;	3. White tape			JIG	1. Clamp assen	nbly jig
NO.	F	ROCESS NAME	WORK PROCEDURE/ ILLUSTRATION TOOLS/PPE							Y POINTERS
3	P3	Clamp assembly (Continuation)	hands. Color sensor light detects White tape. Pro taping. Continue the proclamp location 4 was O 8. Hold the tape on claim windings of tape the other chands. Press the SW but	mp location 3, make 3 cut the tape using both thin will beep/buzz if sensor ess the SW button after rocess if sequence light on DN. Imp location 5, make 3 cut the tape using both utton after taping. Continue e light on clamp location 6	7. Hold the tape on clamp I windings of tape then cut thands. Press the SW button the process if sequence lighwas ON. 9. Hold the tape on clamp I windings of tape then cut thands. Press the SW button sound will be heard.	COLOR SENSOR HITE TAPE ONLY ocation 4, make 3 the tape using both after taping. Continue at on clamp location 5	90(B) 82711-5203 ANSC	90 (W)		e of parts e of tape clamp

			V	VORK INSTRUCTI	ON		Effectivity Date:	March 7, 2	023
		Process Name/Title:		TAPING ASSE	MBLY PROPCES	SS	Validity Date:	n/a	
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	1	I							
PARTS:		mbled parts er sample					JIG	n/a	
NO.	Р	ROCESS NAME	<u>/2</u> \	WORK PROCED	URE/ ILLUSTRATION	ON	TOOLS/PPE	QUALITY PO	INTERS
4	P3	Visual/ By two's inspection	1. Conduct alignment of h (Master sample vs. assemparts) using both hands.		heck the presence of app and taping condition.	4. Check the termin and insertion.	ACTUAL PRODUCT 2. Check the terminal, connector lock condition, insertion and taping condition.	1. No skip checking dur	ring inspection.

				WORK INSTRUCT	ION		Effectivity Date:		March 7, 2	2023
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	ı									
PARTS:		mbled parts er sample						JIG	n/a	
NO.	Р	ROCESS NAME	/2	WORK PROCED	URE/ ILLUSTRATIO	N	TOOLS/F	PPE	QUALITY PO	INTERS
4	P3	Visual/ By two's inspection (Continuation)		ck the presence of clamp, colion and band clamp cut condition		7. C	ACTUAL PRODU ence of clamp in Y-Taping Check the taping condition and minal appearance. Must be no formed terminal	<u>/:</u>	1. No skip checking du 2 Important reminde 1. Using steel rule, chec cut measurement is wir required dimension and exceed the allowable ru (0~2mm). CLAMPILLUS 82711-52090(W)	ring insprction. ers/Note/s: ck if the band thin the d should not tange

				WORK INSTRUCT	ΓΙΟΝ		Effectivity Date:	March 7, 2023
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PARTS:	n/a						JIG	n/a
NO.	F	PROCESS NAME		WORK PROCE	DURE/ ILLUS	TRATION	TOOLS/PPE	QUALITY POINTERS
5		Measurement	116±5mm 0~5mm	111±3mm 131±3 0~5mm 50±5r	mm	94±3mm 60±3mm	212±3mm MEASURING TAPE 6 7 8 9 10 1 2 3 4 5 6 7 8 9 9 1 1 2 3 4 5 6 7 8 9 1 1 2	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							

		WO	RK INSTRUCTIO	N		Effectivity Date:			March 7,	2023
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								1		
PARTS: n/a							JIG	n/a		
<u> </u>			2 QUALI	TY CHECKPOI	INTS					
P3			7L(<mark>0128-</mark>	7020A					
GOOD NO GOOD		3	9	4		8			7	6)
NO GOOD		No Unlock/ Ha	If Lock Con Missing Cl		\simeq	g Band Clar ned Termina			,	

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