						WORK INSTI	RUCTION				Effe	ectivity Date:		February 28,	2023
			Process Name/Title:			TAPING	ASSEMBLY PROC	ESS			Valid	dity Date:		n/a	
	YU		Model Code/Part Number:	TM3	7L0117-7020A	Customer:	TRQSS			Doc	ument No.:		WI-ENG-PDE-	316A	
			Purpose:	PROT	OTYPE		PRE-LAUNCH	MASS	PRO		Rev	ision No.:	4	Page No.:	1 of 9
			1										•	•	
PARTS:	RTS: 1. Assy parts; Connector 7282-1028 (W);Black Corrugated tube ø7 L=78±3mm (no slit); Black SV tube (Vinyl) ø5 L=40±3mm; Black Corrugated tube ø10 L=195±3mm (no slit); Black Corrugated tube ø7 L=140±3mm (no slit); Blue tape NO. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION TOOLS/PPE QUALITY PO														
NO.		F	ROCESS NAME	ESS NAME WORK PROCEDURE/ ILLUSTRATION										QUALITY POI	NTERS
1		P1	Table Lay-out	Black Corrugated #10 L=195±3mm (Black Corrugated tul Ø7 L=78±3mm (no sl			Black SV tub (Vinyl) ø5 L=40±3m sssy parts	De m	2. v	Safety Instructio Be sure to wear prescribed personal protective equipme uring operation (glow finger cots, etc.) Housekeeping I. Maintain and alwa practice 5's. Personal things on workplace is prohibite Keep it in your locked and the Assembly Assembly Assembly Assembly Assembly Assembly Assembly Assembly Correct action.	Document 1. Refer to Strip Leng 2. Refer to for Offline 1. No miss 2. No exceed 1. No exceed	e reference/s: b WI-PRO-CNC-017 th Tolerance b WI-ENG-PDE-365 c Assembly process ang parts/tools as parts/tools	7L0117-7020A
						Revision History						Prepared by	Reviewed by	Approved by	Noted by
02/28/23 4			of Quality Checkpoints.			- t- Offic- A	T	M. Ariola	J. Loterte	C. Villanueva	A. Arañes	4			
10/11/22 3	B d	Black vin due to Pr	process no. 2,3,4 and 5 insertion yl tube ø5 L=40±3mm to process rocess improvement. Change ta quality pointers and notes in: Pr	ss 9. Transfer Tapin ble lay-out illustration	g 1-Bla n.	ck corrugated tube to wire	near connector from P2 to P1	M. Ariola	J. Loterte	C. Villanueva	A. Arañes	- Marcha		1/1 .11	Aller
09/01/22 2	2 a	and illust	quality pointers and notes in: Pr ration in locking process in proc countermeasure for encountere	ess no.9 and 13. Ad	lditiona			M. Catapang	ang J. Loterte	_oterte C. Villanueva	A. Arañes	M. Alriola	J. Loterte	C. Villanueva	A. Aranes
Eff. Date Rev.					s of Ch	ange		Revised	Reviewed	Approved	Noted	Est. Date:	August 10, 2021		



WORK INSTRUCTION Effectivity Date: February 28, 2023 **TAPING ASSEMBLY PROCESS** Process Name/Title: Validity Date: Model Code/Part Number: TM3 **TRQSS** 7L0117-7020A WI-ENG-PDE-316A Customer: Document No.: PROTOTYPE PRE-LAUNCH MASSPRO Page No.: 2 of 9 Purpose: Revision No.:

1. Assy parts PARTS: JIG 1. Terminal cover jig 3. Black vinyl tube ø5 L=40±3mm 2. Black corrugated tube ø10 L=195±3mm **PROCESS NAME** TOOLS/PPE **QUALITY POINTERS** NO. WORK PROCEDURE/ ILLUSTRATION 1. Hold the wires using left hand, get the terminal cover jig using right hand then insert the B-B; V-V wires using left hand. TERMINAL COVER JIG 2. Get the corrugated tube (no slit) ø10 L=195±3mm using right hand then insert B-B; V-V; OR-W jointed wires using left hand. Wire insertion to Black corrugated tube 1. No wrong usage of parts 2 P1 n/a 3. Continue to insert the Y-P jointed wires using ø10 L=195±3mm 2. No deformed terminal tip left hand. (no slit) 4. After insertion, remove the terminal cover jig using right hand.

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WORK INSTRUCTION Effectivity Date: February 28, 2023 **TAPING ASSEMBLY PROCESS** Process Name/Title: Validity Date: n/a Model Code/Part Number: TM3 7L0117-7020A **TRQSS** WI-ENG-PDE-316A Customer: Document No.: PROTOTYPE PRE-LAUNCH MASSPRO Revision No.: Page No.: 3 of 9

ARTS:	1. Assy 2. Black	parts corrugated tube ø7 L=78±3i	mm	3. Black corrugated tub		JIG	1. Terminal cover jig		
NO.	F	PROCESS NAME	WOR	K PROCEDURE/ ILLUSTRAT	TOOLS/F	PPE	QUALITY POINTERS		
3	P1	Wire insertion to Black corrugated tube Ø7 L=78±3mm (no slit)		1. Hold the wires using left hoover jig using right hand the wires using left hand. 2. Get the corrugated tulusing right hand then insignited wires using left hand.	n insert the B-B; V-V De (no slit) Ø7 L=78±3mm ert the B-B; V-V; OR-W	TERMINAL CO	VER JIG	No wrong usage of parts No deformed terminal tip	
4		Wire insertion to Black corrugated tube Ø7 L=140±3mm (no slit)			g left hand, get the corrugated D±3mm using right hand then			No wrong usage of parts No deformed terminal	

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			WORK INSTR	Effectivity Date:	February 28, 2023			
		Process Name/Title:	Validity Date:	n/a				
		Model Code/Part Number:	TM3 / 7L0117-7020	OA Customer:	TRQSS	Document No.:	WI-ENG-PDE-316A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	4 Page No.: 4 of 9	
	1							
PARTS:	1. Conn	ector 7282-1028 (W)			JIG	1. Insertion jig		
NO.	F	PROCESS NAME	WORK PR	ROCEDURE/ ILLUSTRAT	TOOLS/PPE	QUALITY POINTERS		
5	P1	Connector setting to insertion jig 7282-1028 (W)	Insertion jig Visual reference Guide Button 1. Press the lock of insertion jig using left thumb.	2. Insert the connector 7282-10 and release the lock.	CONNECTOR ORIENTATION CONNECTOR ORIENTATION Release Che lower guide using right the slot for Orange wire will		Important reminders/Note/s: 1. Follow the connector orientation 2. Cannot insert the inverted connector. 1. Use provided jig per model 2. No wrong usage of parts 3. No wrong orientation of connector 4. No damaged connector CONNECTOR ILLUSTRATION GOOD NG 7282-1028 (W) 7282-1020 (W)	

WORK INSTRUCTION Effectivity Date: February 28, 20											28. 2023	
		Process Name/Title:			TAPING ASS		OCESS	Validity Date:		n/a		
		Model Code/Part Number:							Document No.:			DE-316A
		Purpose:		PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:		4 Page No.: 5 of 9		
											1 0 1	
PARTS:	1. Assy	parts							JIG	1. Inser 2. Push	tion jig ing jig	
NO.	F	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION						PPE	QUALITY POINTERS		
6	P1	Wire insertion to connector 7282-1028 (W)	1. ta	Hold the Whi	Orange R In gright hand. White White Ite wire then insert 2 using right hand.	4. After insertic then hold the v	2. Press the button using right hand, the slot for White wire will be opened. Press Press Press The press the lock using left thumb wires and gently pull out the big using right hand.	n/a		2. No w 3. One I 4. No do 5. No w Import 1. Plea termin 2. Mak inserte Conduc after in Do not Docume 1. Refer	re sure wires rd. ct Pull-Pusl nsertion. exert extra f ent reference	n on inal ing is/Note/s: vire near are properly n-Pull-Push

			W	Effectivity Date:		February 28, 2023					
		Process Name/Title:	Validity Date:		n/a						
		Model Code/Part Number:	r: TM3 / 7L0117-7020A Customer: TRQSS						WI-ENG-PDE-316A		
		Purpose:	PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:		4 Page No.:	6 of 9	
PARTS:	ARTS: 1. Assy parts								1.Pushing jig		
NO.	I	PROCESS NAME		WORK PROCE	TOOLS/PPE		QUALITY POINTERS				
7	P1	Connector lock	Pressing sequent	1. Hold the pushing is the above	ig using right hand e illustration. lower part of the o	2 left hand and place on the table. Get the and start the sequential locking based on connector lock first and then push the 2. Ensure that connector is in locked condition by slide touching the connector lock based on the sequence illustrated. After pressing	Pushing	5 Jig	Important reminde 1. Manual locking damaged connecte 2. Use the provided connector. 3. Position of pushin must be slanted 1. No unlocked/hal 2. No damage cond LOCKED C	may cause or lock. jig tool to lock the og jig during locking	

				Effectivity Date:		February 28, 2023					
		Process Name/Title:		WORK INSTRUC	SEMBLY PRO	Validity Date:	-	n/a			
		Model Code/Part Number:	TM3 /	7L0117-7020A	Customer:	Document No.:		WI-ENG-PDE-316A			
		Purpose:	☐ PROTOTYI	PE	PRE-LAUNCH	MASSPRO	Revision No.:		4 Page No.:	7 of 9	
		<u> </u>					_				
PARTS:	1. Assy 2. Blue							JIG:	n/a		
NO.	NO. PROCESS NAME			WORK PROCI	EDURE/ ILLUST	TRATION	TOOLS/	PPE	QUALITY	POINTERS	
8	P1	Taping 1 Black corrugated tube to wire near connector	1. Hold the COT using Blue tape using rig pre-taping using both windings of tape bef	g left hand, get the ght hand then start in hands. Make 5 ore shifting.	2. Measure from end 30±3mm then continued. 3. Make 1/3 shift 4 windings of tag cut.	of COT up to edge of connector ue the taping process using both hands ting going to wires then make be using both hands before 4. After taping, check the measurement and taping conditions	MEASURING 6 7 8 9 10 1 2 3 4	4 5 6 7 8 9	Important reminde 1. USE BLUE TAF 2. Please use calibra measuring tape whe measurement. 1. No flip-out tape 2. No peel-off tape 3. No loose tape 4. No missing tape 5. No wrong use of 6. No wrong dimens	PE only Inted/verified Interpretation of the only of	

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tape width

				W	ORK INSTRUC	TION			Effe	ctivity Date:			February	28, 2023			
		Process Name/Title:		TAPING ASSEMBLY PROCESS							Validity Date:			n/a			
		Model Code/Part Number:	TM3	/ 7L	_0117-7020A	Custome	r:	TRQSS	Doc	ument No.:			WI-ENG-P	DE-316A			
		Purpose:	☐ PRC	OTOTYPE		PRE-LAUN	СН	MASSPRO	Revi	sion No.:		4	Page No.:	8 of 9			
PARTS:	1. Assy 2. Black	parts : SV tube ø5 L=40±3mm									JIG	n/a					
NO.	F	PROCESS NAME			WORK PROCI	EDURE/ IL	LUSTRA	TION		TOOLS/	PPE	Q	QUALITY POINTERS				
9		Wire insertion to Black SV tube (Vinyl) ø5 L=40±3mm				R	L=40±3mm	olack SV tube (Vinyl) ø5 I using right hand then insert Y- r <mark>ires</mark> using left hand.		n/a			1. No wrong usage of parts				
	P1																

