			WORK INSTRUCTION						Effectivity Date:		February 28, 2023				
			Process Name/Title:					Validity Date:			n/a				
	_ \		Model Code/Part Number:	TM3 /	7L0117-7020A	Customer:	TRQSS		Document No.:			WI-ENG-PDE-31	6B		
			Purpose:	☐ PROTOTYF	PE [PRE-LAUNCH	MASSPRO		Revision No.:		4	Page No.:	1 of 7		
PARTS:			parts; Connector 7282-1020 (W); Black Corrugated	,	,		ack tape			Terminal (Pushing ji Insertion j	ig jig			
N	Ο.	F	PROCESS NAME		WORK PR	OCEDURE/ ILLUSTR	ATION		TOOLS	/PPE	QUALITY POINTERS				
1		P2	Table Lay-out		ø5 L=76	Bla	Connector 7282- 1020 (W)/ Connector Tray ushing jig ack tape/ pe holder		Safety Inst Be sure to prescribed protective eduring operation finger cot Houseke 1. Maintain a practice 2. Personal the workplace is Keep it in your for any trout the Assembly Supervisor or for immediate actice	eeping and always e 5's. ings on the prohibited. ur locker.	2. No excess				
02/28/23	4	Inclusion	of Quality Checkpoints. Improve	Quality pointers on page	Revision History		M. Ariola J. Loterte	C. Villanueva A. A	Prepare Arañes	d by Re	viewed by	Approved by	Noted by		
10/11/22	3	Change	of tolerance from 35+/-3mm to 35 tip on process no.6 and 8; Transf	5+3/-1mm as counterme	easure of encountered NG din			 	۸	why (\a.\ \	.//	AMP		
09/01/22	2	Improve	quality pointers and notes in: Prono.3 and 5 as document improve	cess no.3,5 and 6; Add			M. Catapang J. Loterte	C. Villanueva A. A	M.Ario		. Loterte	C. Villanueva	A. Aranes		
Eff. Date	Rev. No			Details of	Change		Revised Reviewed	Approved N	loted Est. Date:	August	10, 2021				

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<u> </u>	1								•		
PARTS:	1. Conn	ector 7282-1020 (W)					JIG	1. Insertio	on jig		
NO.	F	PROCESS NAME	WOF	RK PROCEDURE/ ILLUSTRA	TION	TOOLS/I	PPE	QUALITY POINTERS			
2	P2	Connector setting to insertion jig 7282-1020 (W)			CONNECTOR ORIENTATION CONNECTOR ORIENTATION Release 1020 (W) into jig using right the lower guide using left the slot for Yellow wire will	n/a		1. Follow 2. Canno connecto 1. Use pr 2. No wro 3. No wro 4. No dar	rovided jig pong usage ong oriental maged con	tor orientation e inverted per model of parts tion of connector	

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							1	I		
PARTS:	1. Assy	parts					JIG	1. Insertion jig		
NO.	F	PROCESS NAME	WORK PF	ROCEDURE/ ILLUSTRATION	ON	TOOLS/	PPE	QUALITY POINTERS		
3	P2	Wire insertion to connector 7282-1020 (W)	1. Hold the Yellow wire then insert to terminal slot 1 using right hand. R 1. Hold the Yellow wire then insert to terminal slot 2 using right hand.	WIRE FACING A. After insertion, press the thumb then hold the wire the connector from jig using the co	s and gently pull out	n/a		1. No loose insertion 2. No wrong insertion 3. One by one insert 4. No deformed terr 5. No wrong wire fac 6. Must have slight insertion. Important reminde 1. Please hold the terminal. 2. Make sure wire inserted. Conduct Pull-Pus after insertion. Do not exert extra 3. Conduct Pushing removing the conr 4. Pushing of wire one by one of ever Document referen 1. Refer to GL-PRO Pull-Push procedur 2. Refer to WI-PRO Wire and Strip Len	on ition ininal cing ly movement after ers/Note/s: wire near es are properly sh-Pull-Push force. g of wires after nector from jig. s will be done ry inserted wires ces: 0-ASY-029 for re. 0-CNC-017 for	

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							i		•		
PARTS:	1. Assy	parts				JI	G 1. Pus	hing jig			
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUS	TRATION	TOOLS/PPE	(QUALITY POINTERS			
4	P2	Connector lock	Pressing sequence 2 1 R Before	pushing jig using right hand a the above illustration.	eft hand and place on the table. Get the nd start the sequential locking based on nnector 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 jig	1. M dam 2. Us conn 3. Pa locki	portant reminders/Note/s: anual locking may cause aged connector lock. the the provided jig tool to loce ector. sition of pushing jig during ang must be slanted unlocked/half-locked connector LOCKED CONDITION GOOD NG	ector		

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									I				
PARTS:	1. Assy 2. Black	parts Corrugated tube ø5 L=76±3	3mm (no slit)		3. Black tape			1. Terminal cover jig					
NO.	Р	ROCESS NAME	WC	ORK PROCED	OURE/ ILLUSTR	ATION	TOOLS/	TOOLS/PPE		QUALITY POINTERS			
5		Wire insertion to Black corrugated tube ø5 L=76±3mm (no slit)	1. Hold the wires using left hand get the terminal cover jig using right hand then insert the V-V jointed wires using left hand.	, 2. Get the co slit) ø5 L=76:	orrugated tube (no ±3mm using right asert the V-V jointed left hand.	3. After insertion, remove the terminal cover jig using right hand.	TERMINAL COV			ong usage of			
6	P2	Taping 1 Black corrugated tube to wire near terminal (V-V jointed wires)	Start of taping L R	d tip then	60±3mm then cont hands.	8 9 40 1 2 R	MEASURING	5 6 7 8 9 (1. No flip 2. No pe 3. No loc 4. No mi 5. No wr 6. No wr 1. Please	o-out tape el-off tape use tape ssing tape ong use of to ong dimens ant reminde to use calibra ing tape whe	rs/Note/s:		

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PARTS:	1. Assy 2. Black	parts Corrugated tube ø5 L=66±3	3mm (no slit)		JIG:	1. Terminal cover jig				
NO.	Р	ROCESS NAME	WORK PR	ROCEDURE/ ILLUSTR/	ATION	TOOLS/I	PPE	Q	UALITY F	POINTERS
7		Wire insertion to Black corrugated tube ø5 L=66±3mm (no slit)	get the terminal cover jig using right hand then insert the B-B hand	Get the corrugated tube (no) Ø5 L=66±3mm using right did then insert the B-B jointed es using left hand.	3. After insertion, remove the terminal cover jig using right hand.	TERMINAL CO			rong usage c eformed term	
8	P2	Taping 2 Black corrugated tube to wire near terminal (B-B jointed wires)	3. Confirm measurement of 35+3/-1mm froof tape up to terminal pointed tip then continued the taping process using both hands.	ft hand, Black sing right en start ng using nds. 2. Measure from e 60±3mm then con hands. Tape width om end	and of COT up to terminal pointed tip attinue the taping process using both 35+3mm 25 ± 3mm R 25 tk the measurement, taping condition rance.	MEASURING 6 7 8 9 10 1 2 3 4	5 6 7 8 9 1	1. No flip 2. No pe 3. No loo 4. No mi 5. No wr 6. No wr 1mporta 1. Pleas	p-out tape peel-off tape ose tape issing tape rong use of trong dimensionant reminder in the table in	ape ion ars/Note/s:

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								1		
PARTS: n/a			٨				JIG:	n/a		
			<u>/4</u> Q	UALITY CHECK	POINTS					
P2			7L0	117	7-70	20A				
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