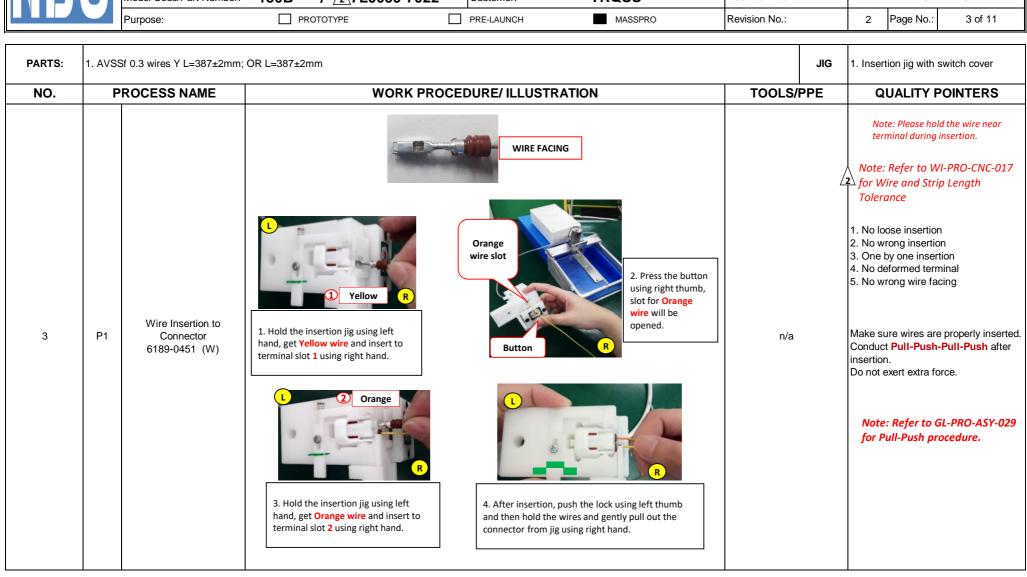
					WC	ORK INS	TRUCTION					Effec	tivity Date:		January 18, 2	022
			Process Name/Title:		٨	TAPING	G ASSEMBL	Y PROC	ESS			Valid	ity Date:		n/a	
			Model Code/Part Number:	150B	/ /2\7L0059	9-7022	Customer:		TR	QSS		Docu	ment No.:		WI-ENG-PDE-2	291A
			Purpose:	☐ PF	ROTOTYPE		PRE-LAUNCH		MASS	PRO		Revis	sion No.:	2	Page No.:	1 of 11
PARTS:			rts: Connector 6189-0451 (W ed tube Ø7 L=87±3mm (no			VSSf 0.3 w	rires Y-OR L=387±	:2mm; TVSSf	f 0.3 wires 0	GR-B/W L=8	31±3mm; B	Black	JIG:	2. Locking	n jig with switch cov g jig al cover jig	er
N	0.	Р	ROCESS NAME		/ <sub>2</sub> \ \	WORK P	ROCEDURE/ I	ILLUSTRA	ATION				TOOLS/PPE		<b>QUALITY POIN</b>	ITERS
	1	P1	∕2 Table Lay-out		ertion jig A	k corrugated tubres7±3mm (no slit	AVSSF 0 L=3	Connector 618 Connect	Black corrugated t L=211±3mm (n		r-B/W	. pop	Safety Instruction sure to wear requipersonal protective equipment during eration (gloves, fingular cots, etc.)  Housekeeping Maintain and alway practice 5's. Personal things on orkplace is prohibit eep it in your locked and the company of the co	red /2 Wire of ger i i i i i i i i i i i i i i i i i i i	Refer to WI-PRO and Strip Length sing parts/tools ess parts/tools	•
					Revisio	n History			1	1			Prepared by	Reviewed by	Approved by	Noted by
01/18/22	2	ENG-PDI (Refer to	oart number from 7L0059-7021 to E-291C). Improve work procedu WI-PRO-CNC-017 for Wire and r from 25±3mm to 28±2mm due	e and illustration	on. Additional table lay olerance). Change tap	out, checkpo	oint in checking of wil	re tolerance	M. Catapang	J. Loterte	C. Villanueva	A. Arañes				
08/05/21	1	illustration	process owner from Production on and quality pointers.	<u> </u>	SY-150A) to Engineeri	ng WI (WI-EI	NG-PDE-291A). Impi	rove process	J. Loterte	C.Villanueva	A. Shimamura	A. Arañes	Mmentage	( Sho)	10 ill	AMA
08/10/19	0	Previously	established in Production. Initial i						J. Silang	W. Carbillon	O. Merin	n/a	M. Catapang	J. Lotterte	C. Villanueva	A. Areñes
Eff. Date	Rev. No	L		De	etails of Change				Revised	Reviewed	Approved	Noted	Est. Date:	August 10, 2019		

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			Wantin						
				ISTRUCTION		Effectivity Date:		January	
		Process Name/Title:	/\	NG ASSEMBLY PROC		Validity Date:		n/	
		Model Code/Part Number:	150B / <u>/2</u> 7L0059-7	Customer:	TRQSS	Document No.:		WI-ENG-F	DE-291A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:		2 Page No.:	2 of 11
PARTS:	1. Conn	ector 6189-0451 (W)					JIG	1. Insertion jig with	switch cover
NO.	Р	ROCESS NAME	WORK	PROCEDURE/ ILLUSTR	ATION	TOOLS/F	PPE	QUALITY F	POINTERS
2	P1	Connector setting to insertion jig 6189-0451 (W)	Insertion Jig Wirh SWIT Insertion Jig Wire guide Holes Wire guide Button  1. Press the lock of insertion Jig using left thumb.	Switch cover  OR-wire  I-Mark  Lock  INSE	e using right	n/a		I-mark is align  I-mark is NOT align  1. Use the provided 2. No wrong orienta 3. No wrong use of 4. No damaged con	1 hole is open  1 hole is open  1 hole is open  ijig per model tion of connector connector

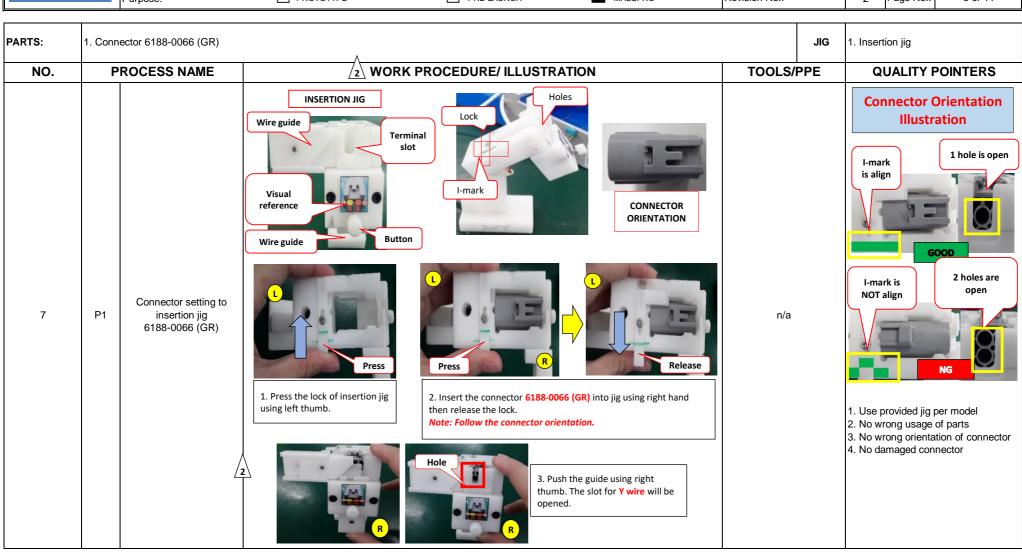
			WORK INSTRUCT	TON		Effectivity Date:		January 18, 2022		
	Process Name/Title:	,	TAPING ASS	Validity Date:		n/a				
	Model Code/Part Number:	150B / /	2\7L0059-7022	Customer:	TRQSS	Document No.:		WI-ENG-F	PDE-291A	
	Purpose:	PROTOTY	PE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	3 of 11	
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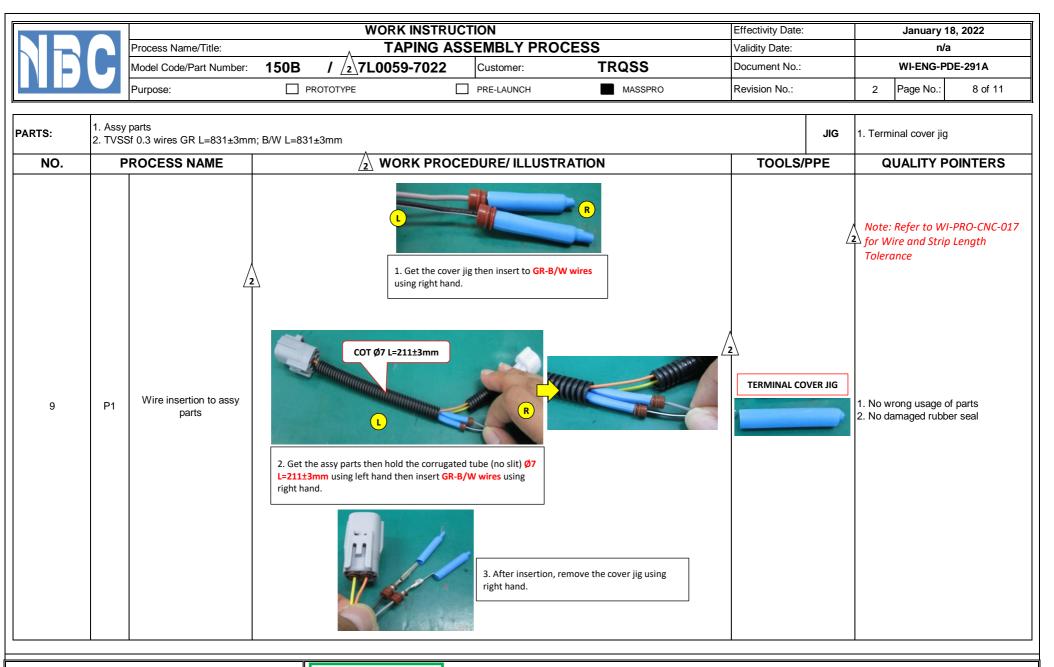
				WORK INSTRUC	TION			Effectivity Date:		January 1	8, 2022
		Process Name/Title:		, TAPING AS	SEMBLY I	PROCESS		Validity Date:		n/a	1
		Model Code/Part Number:	150B	/ <pre>/2\7L0059-7022</pre>	Customer:	TI	RQSS	Document No.:		WI-ENG-P	DE-291A
		Purpose:	☐ Pi	ROTOTYPE	PRE-LAUNCH		MASSPRO	Revision No.:		2 Page No.:	4 of 11
										<u> </u>	
PARTS:		c Corrugated tube Ø7 L=87±3 Corrugated tube Ø7 L=211:		)	3. Assy parts	5			JIG	Terminal cover jig     Locking jig	
NO.	F	PROCESS NAME		2 WORK PROCE	DURE/ ILL	USTRATION		TOOLS/	PPE	QUALITY P	OINTERS
4		Connector lock		e connector into locking jig using righen press 2x. Touch the connector lock locked.		fore pressing	After pressing	LOCKING	JIG	NOTE: MANUAL LOCKIN DAMAGED LOCK  1. Use the provided I model 2. No unlock/half-loc 3. No damaged lock	ocking jig per
5	P1	Wire insertion to Black corrugated tube (no slit) Ø7 L=87±3mm Ø7 L=211±3mm	2. Get the d	corrugated tube (no slit) Ø7 L=87±3m hand then insert the Y-OR wires usin	using right  using right  a  3. Get th using rig hand.	e corrugated tube ht hand then insert	(no slit) Ø7 L=211±3mm t the Y-OR wires using left	TERMINAL CO	VER JIG	No wrong usage of 2. No damaged rubb	

				WORK INSTRU	CTION		Effectivity	Date:		January '	18, 2022
		Process Name/Title:		, TAPING AS	SEMBLY PI	ROCESS	Validity Da	ite:		n/a	а
		Model Code/Part Number:	150B	/ /2\7L0059-7022	Customer:	TRQSS	Documen	No.:		WI-ENG-P	DE-291A
		Purpose:	☐ PR	ОТОТҮРЕ [	PRE-LAUNCH	MASSPRO	Revision N	lo.:	2	Page No.:	5 of 11
		· .									
PARTS:	1. Assy 2. Black							JIG	n/a		
NO.		ROCESS NAME		WORK PROC	EDURE/ ILLU	STRATION	ТОС	DLS/PPE	Q	UALITY F	POINTERS
			Sta	art of taping		corrugated tube using left start pre-taping using right		JRING TAPE	measu measu	urement.	ed/verified hen getting the
6	P1	Taping 1 Black corrugated tube (no slit) to wire near connector	(L)	25±3mm 40 1 2 3		2. Measure from end of the cortube up to connector 25±3mm to continue the taping process usinhands.  Note: Refer to WI-PRO-ASY-003 taping procedure	rugated then ng both	The Table To	2. No po 3. No lo 4. No m 5. No w	ip-out tape eel-off tape cose tape hissing tape vrong dimens vrong use of t	
			L tap	25±3mm  9401  0~5mm  pe width		3. After taping, check the measur and taping condition.	ement				

		WORK INSTRUCT	ION		Effectivity Date:		January 18, 2022		
Process Name/Title:		TAPING ASS	EMBLY PR	OCESS	Validity Date:		n/a	1	
Model Code/Part Num	ber: <b>150B</b> / /	7L0059-7022	Customer:	TRQSS	Document No.:		WI-ENG-PI	DE-291A	
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			N	ORK INSTRUCT			Effectivity Date:			January 1	8, 2022
		Process Name/Title:	٨	TAPING ASS	EMBLY PR	ROCESS	Validity Date:			n/a	1
		Model Code/Part Number:	150B / /2\7L	.0059-7022	Customer:	TRQSS	Document No.:			WI-ENG-PE	DE-291A
		Purpose:	PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:		2	Page No.:	7 of 11
		l									
PARTS:	1. Assy	parts						JIG	1. Insertion jig		
NO.	Р	ROCESS NAME		WORK PROCE	OURE/ ILLUS	STRATION	TOOLS/	PPE	Q	UALITY P	OINTERS
8	P1	Wire Insertion to Connector 6188-0066 (GR)	1. Hold the insertion jig u Get the assy parts, insert to terminal slot 1 using ri	the Yellow wire	2. Pi	Wire facing  L  ress the button using right thumb,  Orange wire will be opened.	slot n/a		1. No lo 2. No w 3. One 4. No d 5. No w Make s Conductinsertio	t Pull-Push-F	n on inal ing properly inserted.
			3. Get the Orange w to terminal slot 2 us		and then h	sertion, push the lock using left the hold the wires and gently pull out to from jig using right hand.		<b>E</b> 2		e: Refer to Gi Pull-Push pro	L-PRO-ASY-029 ocedure.



WORK INSTRUCTION Effectivity Date: Janu												
		Process Name/Title:	, TAPING	<b>ASSEMBLY PROCES</b>	S	Validity Date:	n/a					
		Model Code/Part Number:	150B / /2\7L0059-702	2 Customer:	TRQSS	Document No.:	WI-ENG-PDE-291A					
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2 Page No.: 9 of 11					
						1						
PARTS:	1. Assy	parts	۸			JIG	1. Insertion Jig					
NO.	F	PROCESS NAME	∕₂\ WORK PR	OCEDURE/ ILLUSTRATION	NC	TOOLS/PPE	QUALITY POINTERS					
10	P1	Connector setting to insertion jig 6188-0066 (GR) (Assy parts)	2. Press the lock using left thumb.  3. It the inse	INSERTION JG ORIENTATION  1. Push the lower wire guide up Slot for Gray wire will be open.  Release  Release  The release the lock. Flip the assy parts artion of wires.  The release the lock of the state of the st	ed.  L  into jig using right hand	n/a	Connector Orientation Illustration  I-mark is align  I-mark is NOT align  1. Use provided jig per model 2. No wrong usage of parts 3. No wrong orientation of connector 4. No damaged connector					

		WORK INSTRUCT	ION		Effectivity Date:		January 1	8, 2022
Process Name/Title:								1
Model Code/Part Number:	150B / /	2\7L0059-7022	Customer:	TRQSS	Document No.:		WI-ENG-PI	DE-291A
Purpose:	☐ PROTOTY	PE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	10 of 11

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ARTS:	1. Assy	parts PROCESS NAME	WORK	PROCEDURE/ ILLUSTRA	TION	TOOLS/	JIG	1. Inser		POINTERS
NO.	<u> </u>	ROCESS NAME	WORK		FACING	TOOLS/	rr <b>L</b>	Note: Please hold the wire nea terminal during insertion.		
11	P1	Wire insertion to connector 6188-0066 (GR) (Assy parts)	1. Hold the insertion jig using left hand, get Gray wire then insert to terminal slot 1 using right hand.	2. Press the button using right will be opened. Get the Black, terminal slot 2 using right han		n/a		2. No w 3. One 4. No de 5. No w  Make si Conductinsertion Do not d	t <b>Pull-Push</b> n. exert extra fo	on tion ninal cing e properly insert -Pull-Push afte orce.
			R	3. After insertion, push the lo hold the wires and gently pul using right hand.	ock using left thumb and then I out the connector from jig					

			WORK	INSTRUCTIO	ON		Effectivity Date:		January	18, 2022
		Process Name/Title:	, TAI	PING ASSE	MBLY PROCE	SS	Validity Date:		n,	/a
		Model Code/Part Number:	150B / 27L0059	<b>-7022</b> C	Customer:	TRQSS	Document No.:		WI-ENG-F	PDE-291A
		Purpose:	PROTOTYPE	☐ Pi	PRE-LAUNCH	MASSPRO	Revision No.:		2 Page No.:	11 of 11
	I	I							1	
	1. Assy 2. Black							JIG	1. Locking Jig	
NO.	Р	ROCESS NAME	WOF	≀K PROCEDI	URE/ ILLUSTRA <sup>-</sup>	TION	TOOLS/	PPE	QUALITY I	POINTERS
12		Connector lock	1. Put the connector into locking jig using right hand then press 2x. Touch the connector lock if properly locked.	Before pressing  After pressing	Connector NG Unlock Condition	Cross Sectional View NG GOOD  Half Lock Condition  Cross Sectional View Full Lock Condition	LOCKING	lan.	NOTE: MANUAL LOCKII DAMAGED LOCK  1. Use the provided model 2. No unlock/half-loc 3. No damaged lock	locking jig per
13	P1	Taping 2 COT to wire near connector	1. Hold the corrugated tube using lead hand then start taping using right hand taping using right hand then start taping using right hand taping using right h	eft 28±2m	asure from end of the conm.  Refer to WI-PRO-ASY-0  3. After ta and tape of	rrugated tube up to connector  Of for taping procedure  Ding, check the measurement	MEASURING	5 6 7 8 9	Note: Please use calibrat measuring tape wheasurement.  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	nen getting the