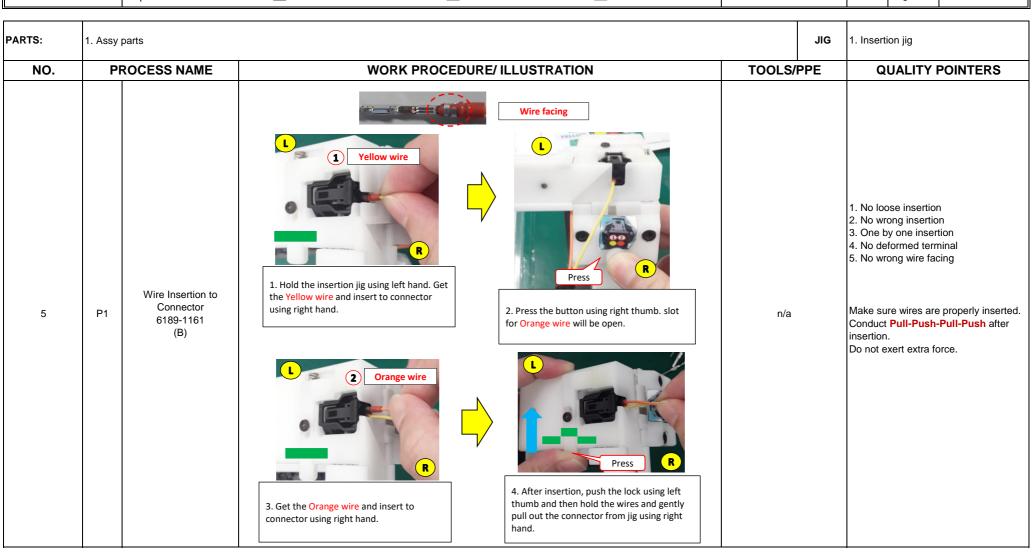
		WORK INSTRUCTI	ON		Effectivity Date:	April 27, 2021
	Process Name/Title:	TAPING ASSE	MBLY PROCESS		Validity Date:	n/a
	Product Name/Code:	241B / 7L0049-7021A	Customer:	TRQSS	Document No.:	WI-ENG-PDE-176A
	Purpose:	PROTOTYPE I	PRE-LAUNCH	MASSPRO	Revision No.:	3 Page No.: 1 of 12
PARTS: 🔬 1	. Connector 6188-0066 (GR)				JIG:	Insertion jig with switch cover
NO.	PROCESS NAME	WORK PROCEDI	URE/ ILLUSTRATION		TOOLS/PPE	QUALITY POINTERS
1	Connector setting to Insertion jig 6188-0066 (GR)	hand. insertion jig.	Insertion jig Orientation Press Release the lock after insertion ush the lower wire guide upwate thand. Slot for yellow wire with an and the slot for yellow wire with an analysis of the slot for yellow wire with a slo	on.	Safety Instruction Be sure to wear prescribed personal protective equipment during operation (gloves, finger cots, etc.) Housekeeping 1. Maintain and always practice 5's. 2. Personal things on the workplace is prohibited. Keep it in your locker. Alert level For any trouble, inform the Assembly Assistant Supervisor or Line Leader for immediate corrective action.	CONNECTOR ORIENTATION ILLUSTRATION I-mark is align I-mark is not align 2 holes are open not align NG 1. Use the provided jig per model 2. No wrong orientation of connector
1-		Revision History			Prepared b	by Reviewed by Approved by Noted by
04/27/21 3	•	with color standardization for plastic parts refer to GL-C	COM-003	J. Loterte C. Villanueva	A. A. Arañes	
09/30/20 2 C	Put assy parts on pg.3 and 10 parts so Changed process owner from Product Improvements; Update some pictures	ection ion (WI-PRO-ASY-114A) to Engineering (WI-ENG-PDE-	176A); Apply some		Shimamura A. Arañes	Tiff link my
03/16/18 0 P	Previously established Engineering Ins	struction (EI-ENG-PDE-026). Initial issue.			. Arañes n/a J. Loterte	C.Villanueva A.Shimamura A. Arañes
Eff. Date Rev. No		Details of Change		Revise Check A	Approve Noted Est. Date:	November 8, 2018

					WORK INSTRUC	TION		Effectivity Date:			April 27	7, 2021
		Process Name/Title:			TAPING AS	SEMBLY	PROCESS	Validity Date:			r	n/a
		Product Name/Code:	241B	1	7L0049-7021A	Customer:	TRQSS	Document No.:			WI-ENG-F	PDE-176A
		Purpose:	F	PROTOTYP	E [PRE-LAUNCI	MASSPRO	Revision No.:		3	Page No.:	2 of 12
		Sf 0.3 wires Y L=380mm, OR	L=380mm						JIG			witch cover
NO.	PI	ROCESS NAME			WORK PROCE	:DURE/ ILL	USTRATION	TOOLS/	PPE	Q	UALITY F	POINTERS
2	P1 /	Wire Insertion to connector 6188-0066 (GR)	the Yello using rig	ow wire and	Yellow wire In jig using left hand. Get dinsert to connector Orange wire Wire and insert to ght hand.		Press the button using right thumb. slot or Orange wire will be open. After insertion, push the lock using left numb and then hold the wires and gently ull out the connector from jig using right and.	n/a		2. No wro 3. One b 4. No de 5. No wro Make su Conduct insertion	Pull-Push-	n ion ninal ing properly inserted. Pull-Push after

				WORK INSTRUC	TION		Effectivity Date:	April 27, 2021
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		Product Name/Code:	241B /	7L0049-7021A	Customer:	TRQSS	Document No.:	WI-ENG-PDE-176A
		Purpose:	☐ PROTOTY	PE	PRE-LAUNCH	MASSPRO	Revision No.:	3 Page No.: 3 of 12
	1						1	
PARTS:		Corrugated tube (no slit) & Corrugated tube (no slit) &		Z	3. Black Corrugate 4. Assy parts	ated tube (no slit) ø7 L= 158±3mm	JIG	n/a
NO.	PF	ROCESS NAME		WORK PROCE	DURE/ ILLUS	TRATION	TOOLS/PPE	QUALITY POINTERS
3	P1	Wire insertion to COT (no slit) Ø7 L= 49±3mm Ø7 L= 122±3mm Ø7 L= 158±3mm	Corrugated tube using right hand a	using left hand. Get the (no slit) Ø7 L= 49±3 mm and insert the wires.	3. Hold the Corrugated using right h	The wires using left hand. Get the ated tube (no slit) Ø7 L= 122±3mm ight hand and insert the wires. wires using left hand. Get the tube (no slit) Ø7 L= 158±3mm hand and insert the wires.	n/a	1. No wrong use of parts

			WOR	K INSTRUC	CTION			Effectivity Date:			April 27	, 2021
		Process Name/Title:	T.	PING AS	SEMBLY PR	ROCESS		Validity Date:			r	ı/a
		Product Name/Code:	241B / 7L004	9-7021A	Customer:	TRQSS		Document No.:			WI-ENG-F	DE-176A
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO		Revision No.:		3	Page No.:	4 of 12
											l	
PARTS:	1. Conn	ector 6189-1161 (B)							JIG	1. Inserti	on jig	
NO.	PI	ROCESS NAME	WC	RK PROCE	EDURE/ ILLUS	STRATION		TOOLS/F	PPE	Q	UALITY F	POINTERS
4	P1	Connector setting to insertion jig 6189-1161 (B)	Visual reference Press 1. Press the lock using left hand.	Insertion Lock 2. Get insert	Present the connector 618: ion jig. Release the	Connector Orientation	Release	n/a		I-mark alig	DNNECTOR C ILLUSTR It is gn is not gn	PRIENTATION

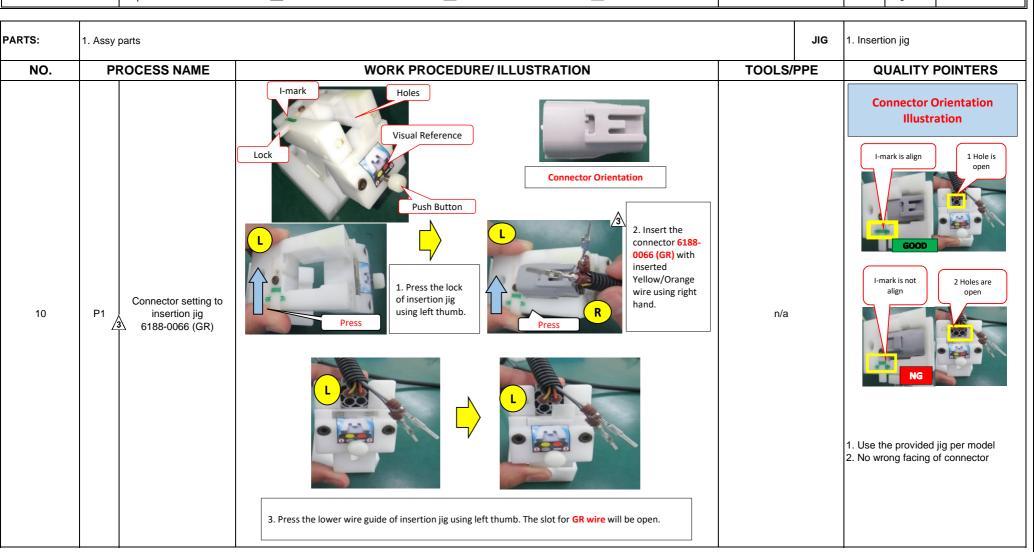
			WORK INSTRUCT	TON		Effectivity Date:		April 27	7, 2021
	Process Name/Title:		TAPING ASS	EMBLY PRO	CESS	Validity Date:		r	ı/a
	Product Name/Code:	241B /	7L0049-7021A	Customer:	TRQSS	Document No.:		WI-ENG-P	PDE-176A
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		Product Name/Code:	241B / 7L0049-7021A	Customer: TRQSS	Document No.:	WI-ENG-PDE-176A
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	<u> </u>					
PARTS:	1. Black 2. Assy p				JIG	1. Locking jig
NO.	PF	ROCESS NAME	WORK PROCEDI	JRE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
6		Connector lock	1. Put the connector into locking jig and push down to lock using right thumb. Before pressing After Pressing	NG NG GOOD UNLOCK CONDITION HALF LOCKED CONDITION FULLY LOCKED CONDITION	LOCKING JIG	No unlock/half-locked connector No damaged lock
7	P1	Taping 1 COT to wire near connector	1. Hold the assy parts using left hand, get Black tape and conduct pre-taping using right hand. 25±3mm Tape width O~5mm	2. Hold the assy parts using left hand and measure from COT to connector 25±3mm. Continue taping process. Note: Refer to WI-PRO-ASY-001 for taping procedure. 3. Check the measurement and taping condition after taping.	MEASURING TAPE 6 7 8 9 10 1 2 3 4 5 6 7 8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	Note: Please use calibrated/verified measuring tape when getting the measurement. 1.No flip out tape. 2.No tape peeling. 3.No loose tape

				WORK INSTRUC	TION		Effectivity Date:	April 27, 2021
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		Product Name/Code:	241B /	7L0049-7021A	Customer:	TRQSS	Document No.:	WI-ENG-PDE-176A
		Purpose:	☐ PROTOTYF	E	PRE-LAUNCH	MASSPRO	Revision No.:	3 Page No.: 7 of 12
PARTS:		Corrugated tube ф7 L= 3 V CP A7475-7L00491-705			3. Assy parts		JIG	1. Terminal cover jig
NO.	PF	ROCESS NAME		WORK PROCE	DURE/ ILLUSTRAT	ΓΙΟΝ	TOOLS/PPE	QUALITY POINTERS
8		Wire insertion to COT φ7 L= 312±3mm (no slit)	1. Get the tern right hand.	Minimum)	d then insert to both terming. 2. Get the corrugated tube slit) using right hand then B/W wire using left hand.	e ф7, L=312±3mm (no	TERMINAL COVER JI	no exposed rubber seal GOOD with exposed rubber seal NG 1. No wrong use of parts
9	P1	Wire insertion to Assy	2. After insertion, rem terminal cover jig usin hand.			1. Hold the assy parts COT Ø7 L= 122±3mm (no slit) using left hand then insert the GR-B/W wires, next hold the COT Ø7 L= 49±3mm (no slit) then insert the GR-B/W wires, using right hand.		No wrong insertion to corrugated tube

					WORK INSTRUC	TION		Effectivity Date:			April 27	r, 2021
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T												
PARTS:	1. Assy	parts							JIG	1. Insert	ion jig	



				WORK INSTRUC	TION		Effectivity Date:			April 27,	2021
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PARTS:	1. Ass	y parts						JIG	1. Insert	tion jig	
NO.	F	PROCESS NAME		WORK PROCE	DURE/ ILLUSTF	RATION	TOOLS/	PPE	Q	QUALITY P	OINTERS
11	P1	Wire Insertion to connector 6188-0066 (GR)	1. Hold the GR wire the slot 1 using right ha	nen insert to terminal	Wire facing 2. Press the button wire will be open.	using right thumb. The slot for B/W	n/a		2. No wi 3. One t 4. No de 5. No wi	t Pull-Push-P	on nal

3. Hold the <u>B/W wire</u> then insert to terminal slot ② using right hand.



4. After insertion, push the lock using left thumb and then hold the wires and gently pull out the connector from jig using right hand.

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Do not exert extra force.

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		Process Name/Title:			WORK INSTRUCT		PROCESS	Validity Date:	<u> </u>			/a
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		Product Name/Code:	241B /		7L0049-7021A	Custome		Document No.:			WI-ENG-P	
		Purpose:	☐ PROTO	TYPE		PRE-LAUN	CH MASSPRO	Revision No.:		3	Page No.:	10 of 12
PARTS:	1. Corru 2. AVSS	gated tube ø5 L= 49±3mm If 0.3 wires B L=692mm [2p	(no slit) ocs]		<u>/3</u>	3. Assy p	arts		JIG	1. Lockir	ng jig	
NO.	PF	ROCESS NAME			WORK PROCE	OURE/ IL	LUSTRATION	TOOLS	/PPE	Q	UALITY P	OINTERS
12	P1	Connector lock	l P	7 110	Unlock Ha	both hands Check the perly locked	Before pressing After pressing	LOCKIN	G JIG		CAUSED DAM	LOCKING MAY AGED LOCK Ked connector
13		Wire insertion to Corrugated tube Ø5 L= 49±3mm (no slit)	L		R	usin	et the corrugated tube ø5 L=49±3mm g left hand then insert the Black wires) wires using right hand.	n/a		1. No wr	ong use of p	arts

				WOF	RK INSTRUC	CTION		E	ffectivity Date:			April 27	, 2021
		Process Name/Title:		T.	APING AS	SEMBLY PR	ROCESS	V	/alidity Date:			n	n/a
		Product Name/Code:	241B /	/ 7L004	49-7021A	Customer:	TRQSS	D	Document No.:			WI-ENG-P	DE-176A
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								l .					
PARTS: 🖄	1. Conn	ector 6098-3810 (W)								JIG	1. Inserti	on jig	
NO.	PI	ROCESS NAME		WC	ORK PROCE	EDURE/ ILLUS	STRATION		TOOLS/F	PE	Q	JALITY P	POINTERS
14	P1 <u>/</u>	Connector insertion to insertion jig 6098-3810 (W)	L 1. Press the lock using left thumb	Press k of insertion jig	Pres 2. Insert	Insertion jig or R	orie	nnector entation Release hand and	n/a		I-ma ali	Illustra	2 holes are open GOOD All holes are open NG

					WORK INSTRUC	TION		Effectivity Date:			April 27	r, 2021	
		Process Name/Title:			TAPING ASS	EMBLY PRO	CESS	Validity Date:		n/a			
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									1	1			
PARTS:	1. Assy	irts								1. Insert 2. Locki	, 0		
NO.	Р	ROCESS NAME	OCESS NAME WORK PROCEDURE/ ILLUSTRATION								QUALITY POINTERS		

