						WORK INS					E	ffec September 17, 20	21		September 17,	2021
			Process Name/Title:			TAPING	ASSEMBLY PI	ROCESS			\	alidity Date:			n/a	
			Product Name/Code:	922B	1	7L0123-7021	Customer:	TRQSS				Ocument No.:			WI-ENG-PDE-2	265A
			Purpose:	□ PF	ROTOTY	PE	PRE-LAUNCH	MASSP	PRO		F	Revision No.:		1	Page No.:	1 of 11
														I	l .	
PARTS:			rts (Connector 6189-0451 or 6188-0066 (GR); Black						ube Ø7 L=18	89±3mm;		JIG:		2. Insertion	jig with switch cov jig ig 4. Terminal c	
N	0.	PR	OCESS NAME			WORK PR	ROCEDURE/ ILLU	STRATION				TOOLS/PPE			QUALITY POIN	
	1	P1	Table Lay-out	Insertion jig A; B; C	ray	AVSSf 0.3 Y-OR wires L=328±2mm	hold Terminal cover jig	Connector/Connec	Ø7	cot Holde		Safety Instruction Be sure to wear required personal protective equipmed during operation (gloves, finger cotsetc.) Housekeeping 1. Maintain and alwe practice 5's. 2. Personal things of the workplace is prohibited. Keep it supervisor or Line Leader for immediate corrective action.	ays in	2. No exces	ng parts/tools s parts/tools g position of parts/	cools
						Revision History						Prepared by	Re	viewed by	Reviewed by	Noted by
09/17/21 06/04/21	1 0	Revise du	ue to additional quality pointe	rs on wire inser	rtion pro	cess; Change pre-launch to r	masspro.				A. Araí	<u> </u>	-	Vulanueva	Shimamura	A. Arañes
Eff. Date	Rev. No				Details o	f Change		Prepared	Checked	Checked	Appro	ved Est. Date:	June 0	4, 2021	·	

				WORK INSTRU	JCTION		Effectivity Date:		September 17, 2021
		Process Name/Title:		TAPING AS	SSEMBLY PRO	CESS	Validity Date:		n/a
		Product Name/Code:	922B /	7L0123-7021	Customer:	TRQSS	Document No.:		WI-ENG-PDE-265A
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PARTS:	1. Conne	ector 6189-0451 (W)						JIG	Insertion jig with switch cover
NO.	PR	ROCESS NAME		WORK PROC	CEDURE/ ILLUSTF	RATION	TOOLS/PI	PE	QUALITY POINTERS
2	P1	Connector setting to insertion jig 6189-0451 (W)	Insertion jig Wire guide Holes Wire guide 1. Press the lock or using left thumb.	Press insertion jig 2. Insertlease	OR-wire I-Mark Lock INS OF Pert the connector 6189-048 e the lock using left thumb Follow the connector orie 3. Push the gui	ntation.	n/a		Connector Orientation Illustration I-mark is align 1 hole is open 1. Use the provided jig per model 2. No wrong orientation of connector 3. No wrong use of connector 4. No damaged connector

				WORK IN	ISTRUC [*]	TION			Effectivity Date:			September 1	7, 2021
		Process Name/Title:		TAPIN	NG ASS	EMBLY PRO	CESS		Validity Date:			n/a	
		Product Name/Code:	922B	/ 7L0123-7	'021	Customer:	TRQ	SS	Document No.:			WI-ENG-PDI	E-265A
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PARTS:	1. AVSS	of wires Y and OR L=328±	2mm							JIG	1. Insert	tion jig with swi	tch cover
NO.	PR	ROCESS NAME		WORK	PROCE	DURE/ ILLUST	RATION		TOOLS/	PPE	QI	UALITY PC	INTERS
3	P1	Wire insertion to connector 6189-0451 (W)	L 3. Hold thand, get	1 Yellow R sertion jig using left ow wire and insert to t 1 using right hand. 2 Orange the insertion jig using leet orange wire and insert ector slot 2 using right		and then hold the	Orange R Orange In, push the lock ushe wires and gentl jig using right han	2. Press the button using right thumb, slot for Orange wire will be opened.	n/a		2. No wr 3. One b 4. No de 5. No wr Note: N inserted Conductinsertic Do not	ct <u>Pull-Push-Pul</u>	al g s are properly l-Push after ce.

				WORK INSTRUC	TION		Effectivity Date:	September 17, 2021
		Process Name/Title:		TAPING ASS	SEMBLY PR	OCESS	Validity Date:	n/a
		Product Name/Code:	922B /	7L0123-7021	Customer:	TRQSS	Document No.:	WI-ENG-PDE-265A
		Purpose:	PROTOTY	/PE	PRE-LAUNCH	MASSPRO	Revision No.:	1 Page No.: 4 of 11
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PARTS:		parts vinyl tube Ø7 L=57±3mm vinyl tube Ø7 L=189±3mn	1				JIG	Locking jig Terminal cover jig
NO.	PF	ROCESS NAME		WORK PROCE	DURE/ ILLUS	TRATION	TOOLS/PPE	QUALITY POINTERS
4		Connector lock		ector into locking jig using righ 2x. Touch the connector lock		pressing After pressing	LOCKING JIG	NOTE: MANUAL LOCKING MAY CAUSE 1. Use the provided locking jig per model 2. No unlock/half-lock connector
5	P1	Wire insertion to Black vinyl tube Ø7 L=57±3mm Ø7 L=189±3mm		ube Ø7 L=57±3mm using right the Y-OR wires using left han	using right hand 1 3. Get the vector hand then in	r jig then insert to Y-OR wires d. R rinyl tube Ø7 L=189±3mm using right insert the Y-OR wires using left hand. ion, remove the cover jig using	TERMINAL COVER JIG	No wrong usage of parts No damaged rubber seal

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PARTS:	1. Conn	ector 6188-0066 (GR)						JIG	1. Insertio	on jig	
NO.	PF	ROCESS NAME		WORK PROC	EDURE/ ILLUST	RATION	TOOLS/P	PE	QU	JALITY POI	NTERS
9	P1	Connector setting to insertion jig 6188-0066 (GR)	Wire guide Holes Wire guide 1. Press the lock of inseusing left thumb.	then r	ence Lock Retrict the connector 6188-elease the lock. Follow the connector of the connect	CONNECTOR ORIENTATION Release O066 (GR) into jig using right hand	n/a		I-mar is alig	GOC	hole is open 2 holes are open er model of connector ector

				WORK INSTRU	CTION		Effectivity Date:			September 1	17, 2021
		Process Name/Title:		TAPING AS	SEMBLY PROCES	S	Validity Date:			n/a	
		Product Name/Code:	922B /	7L0123-7021	Customer:	TRQSS	Document No.:			WI-ENG-PD	E-265A
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PARTS:	1. Assy	parts						JIG	1. Inserti	on jig	
NO.	PF	ROCESS NAME		WORK PROC	EDURE/ ILLUSTRATION	ON	TOOLS/	PPE	QL	JALITY PO	DINTERS
7	P1	Wire insertion to Connector 6188-0066 (GR)	1. Hold the inse hand. Get the as Yellow wire to using right hand		WIRE FACING	2. Press the button using right thumb, slot for Orange wire will be opened. 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.	n/a		2. No wro 3. One by 4. No def 5. No wro Note: M inserted Conduct insertio Do not e	l. t <u>Pull-Push-Pu</u>	n nal ng s are properly ll-Push after ce.

				WORK INSTRUC	TION		Effectivity Date:			September	17, 2021
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	1. Assy 2. Black							JIG	n/a		
NO.	PF	ROCESS NAME		WORK PROCE	DURE/ ILLU	STRATION	TOOLS/	PPE	Ql	JALITY P	OINTERS
8	P1	Taping 1 Black vinyl tube to wire near connector	Start of tap	25 ± 3mm	2. Get th start tapin Note: Ple taping pl	1. Measure from end of vinyl tube up to edge of connector 25±3mm using both hands. e Black tape using right hand then ing process using both hands. ease refer to WI-PRO-ASY-001 for rocedure. 3. After taping, check the measurement, wire alignment and taping condition.	6 7 8 9 10 1 2 3 4	5,6789	1. No flip 2. No per 3. No loo 4. No mis 5. No wro	o-out tape el-off tape	en getting the

				WORK INSTRUC	TION		Effectivity Date:		September 17, 2021
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PARTS:				; Black sunprene tube Ø5 L=	-106±3mm			JIG	Terminal cover jig
NO.		ROCESS NAME		WORK PROCE	DURE/ ILLUS	STRATION	TOOLS/F	PPE	QUALITY POINTERS
9		Wire insertion to Black corrugated tube (no slit) Ø7 L=397±3mm	1. Get the cover using right hand.	jig then insert to <mark>B/W-G wires</mark>	using right	corrugated tube Ø7 L=397±3mm (no slit) hand then insert the B/W-G wires using			
10	P1	Wire insertion to assy parts		=189±3mm L L L L L L L L L L L L	R 2. After	r insertion, remove the terminal ig using right hand.	TERMINAL CO		No wrong usage of parts No damaged rubber seal No wrong insertion

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PARTS:	1. Assy	parts					JIG	1. Insertion jig
NO.	PF	ROCESS NAME		WORK PROC	EDURE/ ILLUS	TRATION	TOOLS/PPE	QUALITY POINTERS
11	P1	Connector setting to insertion jig 6188-0066 (GR) (Assy parts)		Visual Reference Button	INSERTION JIG OF Lock Holes Release		n/a	Connector Orientation Illustration I-mark is align 2 holes are open Not align 1. Use the provided jig per model 2. No wrong orientation of connector 3. No wrong use of connector 4. No damaged connector

				WO	RK INSTRU	CTION		Effectivity Date:		September 17, 2021
		Process Name/Title:		T	TAPING AS	SEMBLY PR	OCESS	Validity Date:		n/a
		Product Name/Code:	922B /	7L0 ⁻	123-7021	Customer:	TRQSS	Document No.:		WI-ENG-PDE-265A
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PARTS:	1. Assy	parts							JIG	1. Insertion jig
NO.	PF	ROCESS NAME		W	ORK PROC	EDURE/ ILLUS	TRATION	TOOLS	/PPE	QUALITY POINTERS
12	P1	Wire insertion to connector 6188-0066 (GR) (Assy parts)	a. Hold the hand, get	e insertion jig Black/white connector slo d.	Green Using left then insert	4. After in: and then h	2. Press the butt using right hand, for Green wire v be opened. Received the property of the	slot ill n/a		1. No loose insertion 2. No wrong insertion 3. One by one insertion 4. No deformed terminal 5. No wrong wire facing Note: Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. Do not exert extra force. Note: Refer to GL-PRO-ASY-029 for Pull-Push procedure.

					WORK INSTRU	CTION			Effectivity Date:			September	17, 2021
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		Product Name/Code:	922B	1	7L0123-7021	Custo	mer:	TRQSS	Document No.:			WI-ENG-PI	DE-265A
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	1. Assy 2. Black									JIG	1. Lockir	ng jig	
NO.	PF	ROCESS NAME			WORK PROCE	DURE	/ ILLUSTRATI	ON	TOOLS/	PPE	QI	JALITY P	OINTERS
13		Connector lock	1. Put the colocking jig to then press connector locked.	ısing righ <mark>2x.</mark> Toucl	t hand in the	9	Connector NG Unlock Condition	Cross Sectional View NG GOOD Half Lock Condition Full Lock Condition	LOCKING	JIG	1. Use the model	IUAL LOCKIN IAGED LOCK.	ocking jig per
14	P1	Taping 2 Black vinyl tube to wire near connector	of con	nector 25	n end of vinyl tube up to ed tamm using both hands.	R ge	start taping pro Note: Please re, taping procedu	R Is tape using right hand then cess using both hands. fer to WI-PRO-ASY-001 for re.	MEASURIN 6 7 8 9 10 1 2 3		1. No flip 2. No pe 3. No loc 4. No mi 5. No wr	o-out tape el-off tape	en getting the