			WORK INSTR	RUCTION		Effectivity Date:		December 13, 2	022		
		Process Name/Title:	TAPING	<b>ASSEMBLY PROC</b>	ESS	Validity Date:		n/a			
		Model Code/Part Number:	100B / 7M0592-7021	Customer:	TRJ	Document No.:		WI-ENG-PDE-4	23A		
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	1 of 12		
PARTS:			/); AVSSf 0.3 wires Y-OR L=245±2mm; Black CC OT (no slit) Ø7 L=111±3mm; MRSW CP TVSSf 0			JIG:	<ol> <li>Insertion</li> <li>Locking j</li> <li>Terminal</li> </ol>		r		
NO.		PROCESS NAME	WORK PR	OCEDURE/ ILLUSTRA	ATION	TOOLS/PPE	/1\	<u> </u>			
1	P1	Table Lay-out	Connector 6189-0451 (W)/ Connector Tray  Insertion jig A  Inserion jig C	Black COT (no slit got L=125±3mm)  AV Y-OH MRSW CI	1)	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.	Document  I. Refer to Length To I. 2. Refer to without V	t reference/s: o WI-PRO-CNC-017 for lerance WI-PRO-KIT-005 for	· Wire and Strip		
	1	1	Revision History			Prepared by	Reviewed by	Approved by	Noted by		
12/13/22 1 02/24/22 0	Initial iss		es and references. Inclusion of Quality checkpoints		, , , , , , , , , , , , , , , , , , ,	. Arañes M. Catapana	J. Loterte	of out of form	A. Arazies		
Eff. Date Rev. No	)		Details of Change		Revised Reviewed Approved	Noted Est. Date: Febr	ruary 24, 2022				

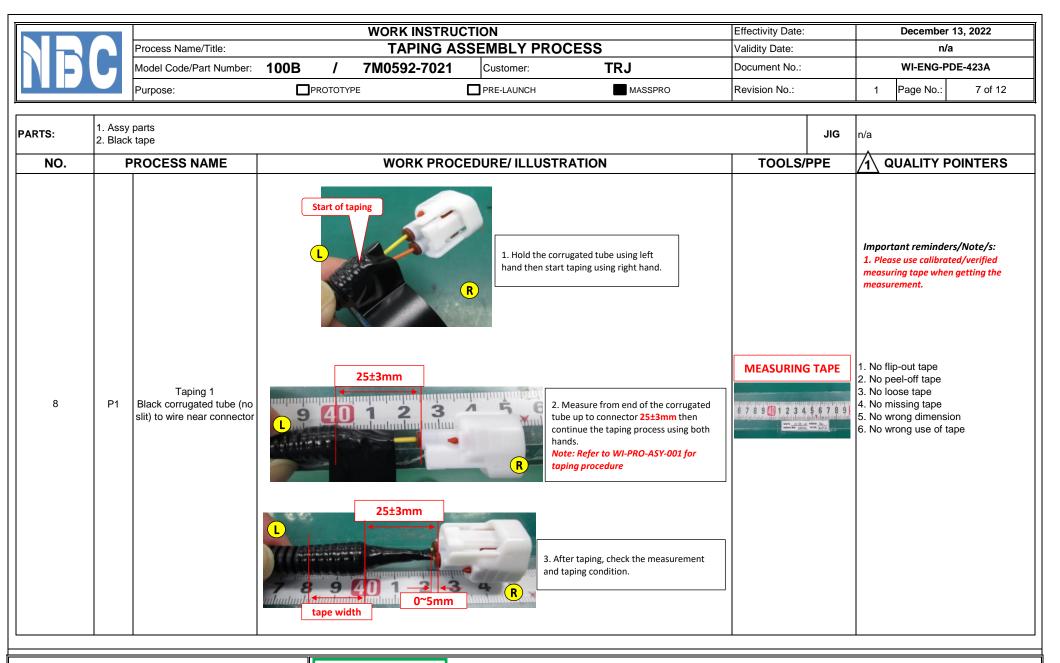
			WORK IN	ISTRUC <sup>*</sup>	TION			Effectivity Date:			December	13, 2022
		Process Name/Title:	TAPI	NG ASS	SEMBLY PRO	OCESS		Validity Date:		n/a		a
		Model Code/Part Number:	100B / 7M0592-	7021	Customer:	TR	J	Document No.:			WI-ENG-P	DE-423A
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	•							I		<u> </u>		
PARTS:	1. AVS	Sf 0.3 Y/OR wire L=245±2mr	n						JIG	1. Insertion	on jig with s	witch cover
NO.	F	PROCESS NAME	WORK	PROCE	EDURE/ ILLUS	TRATION		TOOLS/	PPE	QL	JALITY P	OINTERS
2	P1	Connector setting to insertion jig 6189-0451 (W)	Insertion Jig Wirh SWI'  Wire guide  Holes  Wire guide  Button  Press  1. Press the lock of insertion jig using left thumb.	Press  2. Insert trelease th	witch cover  R-wire  I-Mark  Lock  the connector 6189-0 the lock using left thundlow the connector or	mb. rientation. guide using right lot for Yellow wire		n/a		I-mark align I-marl NOT al  1. Use th 2. No wro 3. No wro	illustra  k is  k is  e provided j	1 hole is open  1 hole is open  1 hole is open  ig per model ion of connector connector

			WORK IN	STRU	JCTION			Effectivity Date:			December	13, 2022
		Process Name/Title:	TAPII	IG A	SSEMBLY PR	OCESS		Validity Date:			n/a	a
		Model Code/Part Number:	100B / 7M0592-7	<b>′</b> 021	Customer:	Т	RJ	Document No.:			WI-ENG-P	DE-423A
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PARTS:	1. AVSS	Sf 0.3 Y/OR wire L=245±2mn	n						JIG	1. Inserti	ion jig with s	witch cover
NO.	Р	ROCESS NAME	WORK	PRO	CEDURE/ ILLUS	TRATION		TOOLS/	PPE	<b>∕</b> 1\ QI	UALITY F	POINTERS
3	P1	Wire insertion to connector 6189-0451 (W)	1. Hold the insertion jig using left hand, get Yellow wire and insert to connector slot 1 using right hand.  2 Orange  3. Hold the insertion jig using left hand, get Orange wire and insert to connector slot 2 using right hand.	R	Orange wire slot  Button  4. After insert and then hold	tion, push the lo	2. Press the button using right thumb, slot for Orange wire will be opened.  R  ck using left thumb gently pull out the	n/a		2. No wro	e sure wires d. t Pull-Push sertion. exert extra f ent reference to GL-PRO-AS re.	n ion all cing sylves s

			WORK IN	STRUCTION			Effectivity Date:	December 13, 2022
		Process Name/Title:	TAPI	NG ASSEMBL	PROCESS		Validity Date:	n/a
		Model Code/Part Number:	100B / 7M0592-7	<b>7021</b> Custome	ır:	TRJ	Document No.:	WI-ENG-PDE-423A
		Purpose:	PROTOTYPE	PRE-LAUI	ICH	MASSPRO	Revision No.:	1 Page No.: 4 of 12
	I. A							
PARTS:	<ol> <li>Assy</li> <li>Black</li> <li>Black</li> </ol>	parts corrugated tube (no slit) Ø7 corrugated tube (no slit) Ø7	L=32±3mm L=125±3mm				JIG	Locking jig     Terminal cover jig
NO.	Р	ROCESS NAME	WORK	PROCEDURE/ I	LUSTRATION	N	TOOLS/PPE	1 QUALITY POINTERS
4		Connector lock	1. Put the connector into locking jig hand then press 2x. Touch the conn properly locked.		Before pressing	After pressing	LOCKING JIG	Important reminders/Note/s:  1. MANUAL LOCKING MAY CAUSE DAMAGED CONNECTOR  1. Use the provided locking jig per model 2. No unlock/half-lock connector
5	P1	Wire insertion to Black corrugated tube (no slit) Ø7 L=32±3mm Ø7 L=125±3mm	2. Get the corrugated tube (no slit) Ø using right hand then insert the Y-OR left hand.	T L=32±3mm wires using using using using the large lar	g right hand then ins	be (no slit) Ø7 L=125±3mm sert the Y-OR wires using left	TERMINAL COVER JIG	No wrong usage of parts     No damaged rubber seal

			WORK IN	STRUCTI	ION			Effectivity Date:		Decemb	er 13, 2022
		Process Name/Title:	TAPII	NG ASS	<b>EMBLY PR</b>	OCESS		Validity Date:			n/a
		Model Code/Part Number:	100B / 7M0592-7	7021	Customer:	TRJ		Document No.:		WI-ENG	-PDE-423A
		Purpose:	PROTOTYPE		PRE-LAUNCH	M/	ASSPRO	Revision No.:		1 Page No.	5 of 12
PARTS:	1. Conn	ector 6188-0066 (GR)							JIG	1. Insertion jig	
NO.	P	ROCESS NAME	WORK	PROCED	OURE/ ILLUS	TRATION		TOOLS/I	PPE	QUALITY	POINTERS
6	P1	Connector setting to insertion jig 6188-0066 (GR)	Wire guide  Holes  Wire guide  Press  1. Press the lock of insertion jig using left thumb.	Button  L  Press  2. Insert the release th	the connector 6188 to lock.	I-MARK  L  R  8-0066 (GR) into jig usi	right	n/a			1 hole is open  2 holes are open  d jig per model ation of connector fronnector

	_		WORK	(INSTRUC	TION		Effectivity Date	<del></del>	December 13, 2022
		Process Name/Title:			SEMBLY PRO	CESS	Validity Date:		n/a
		Model Code/Part Number:		92-7021	Customer:	TRJ	Document No.	:	WI-ENG-PDE-423A
		Purpose:	PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:		1 Page No.: 6 of 12
PARTS:	1. Assy	parts						JIG	1. Insertion jig
NO.	F	PROCESS NAME	WO	RK PROCE	EDURE/ ILLUST	RATION	TOOLS	S/PPE	1 QUALITY POINTERS
7	P1	Wire insertion to connector 6188-0066 (GR)	1. Hold the insertion jig using lef Get the assy parts, insert the Yel to connector slot 1 using right hat  2 Orange  3. Get Orange wire then insert connector slot 2 using right hat	ellow wire land.	2. Press th for Orange  4. After thumb a	e button using right thumb, slot wire will be opened.  insertion, push the lock using left and then hold the wires and gent the connector from jig using right	ly		1. No loose insertion 2. No wrong insertion 3. One by one insertion 4. No deform terminal 5. No wrong wire facing  Important reminders/Note/s: 1. Please hold the wire near terminal. 2. Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. Do not exert extra force.  Document references: 1. Refer to GL-PRO-ASY-029 for Pull-Push procedure. 2. Refer to WI-PRO-CNC-017 for Wire and Strip Length Tolerance



			WORK INSTRU	CTION	Effectivity Date:	December 13, 2022	
		Process Name/Title:	TAPING A	SSEMBLY PROCESS	Validity Date:	n/a	
		Model Code/Part Number:	100B / 7M0592-7021	Customer: TRJ	Document No.:	WI-ENG-PDE-423A	
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					<u> </u>		
		N CP TVSSf 0.3 G-B/W wire corrugated tube (no slit) Ø7 parts			JIG	Terminal cover jig	
NO.	PROCESS NAME		WORK PRO	CEDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS	
9		Wire insertion to Black corrugated tube (no slit) Ø7 L=111±3mm	1. Get the cover jig then insert to G-B/W wird using right hand.	2. Get the corrugated tube (no slit) Ø7 L=111±3mm using right hand then insert the G-B/W wires using left hand.			
10	P1	Wire insertion to assy parts	1. Hold the corrugated tube (no slit) Ø7 L=125 hand then insert G-B/W wires using right han		TERMINAL COVER JIG	No wrong usage of parts     No damaged rubber seal	

			WORK INSTRU	JCTION		Effectivity Date:	December 13, 2022
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		Model Code/Part Number:	100B / 7M0592-7021	Customer:	TRJ	Document No.:	WI-ENG-PDE-423A
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PARTS:	1. Assy	parts				JIG	1. Insertion jig
NO.	Р	ROCESS NAME	WORK PRO	CEDURE/ ILLUSTRATIO	TOOLS/PPE	QUALITY POINTERS	
11	P1	Connector setting to insertion jig 6188-0066 (GR) (Assy parts)	INSERTION JIG  Visual reference of the second secon	INSERTION JIG ORIENTATION  The slot for  2. Pressusing le with inserte hand.	CONNECTOR ORIENTATION  Press  ss the lock of insertion jig eft thumb.  e connector 6188-0066 (GR) ed Y/OR wire using right  w the connector orientation.	n/a	Connector Orientation Illustration  I-mark is align  1 Hole is open  The provided jig per model 2. No wrong orientation of connector 3. No wrong use of connector 4. No damaged connector

			WORK INS	TRUCTION			Effectivity Date:	December 13, 2022
		Process Name/Title:	TAPINO	G ASSEMBLY	PROCESS		Validity Date:	n/a
		Model Code/Part Number:	100B / 7M0592-70	021 Custome	er: <b>TR</b>	J	Document No.:	WI-ENG-PDE-423A
		Purpose:	PROTOTYPE	PRE-LAUN	СН	MASSPRO	Revision No.:	1 Page No.: 10 of 12
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PARTS:	1. Assy	parts					JIG	Insertion jig     Locking jig
NO.		ROCESS NAME	WORK P	ROCEDURE/ II	LUSTRATION		TOOLS/PPE	1 QUALITY POINTERS
12	P1	Wire insertion to connector 6188-0066 (GR) (Assy parts)	1 Hold the G wire then insert to terminal a using right hand.  3. Hold the B/W wire then insert to terminal and the B/W wire the B/		2. Press the button usin for B/W wire will be op		n/a	1. No loose insertion 2. No wrong insertion 3. One by one insertion 4. No deformed terminal 5. No wrong wire facing  Important reminders/Note/s: 1. Please hold the wire near terminal. 2. Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. Do not exert extra force.  Document references: 1. Refer to GL-PRO-ASY-029 for Pull-Push procedure.
13		Connector Lock	1. Put the connector into locking jig using both hands and then press 2x. Check the connector if properly locked.	Before pressing  After pressing	NG Unlock Ha	ss Sectional View NG GOOD  aff Lock ondition  Full Lock Condition	LOCKING JIG	Important reminders/Note/s:  1. MANUAL LOCKING MAY CAUSE DAMAGED CONNECTOR  1. Use the provided locking jig per model 2. No unlock/half-locked connector 3. No damage connector

No.			WORK INSTRU		Effectivity Date:	December 13, 2022
		Process Name/Title:	TAPING AS	SSEMBLY PROCESS	Validity Date:	n/a
		Model Code/Part Number:	100B / 7M0592-7021	Customer: TRJ	Document No.:	WI-ENG-PDE-423A
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	ı					
PARTS:	1. Assy 2. Black				JIG	n/a
NO.	P	ROCESS NAME	WORK PROC	CEDURE/ ILLUSTRATION	TOOLS/PPE	1 QUALITY POINTERS
14	P1	Taping 2 Black corrugated tube (no slit) to wire near connector	Start of taping  25±3mm  25±3mm  25±3mm  0~5mm  tape width	2. Measure from end of the corrugated tube up to connector 25±3mm then continue the taping process using both hands.  Note: Refer to WI-PRO-ASY-001 for taping procedure  3. After taping, check the measurement and taping condition.	6 7 8 9 (0) 1 2 3 4 5 6 7 8 9 9	Important reminders/Note/s:  1. Please use calibrated/verified measuring tape when getting the measurement.  1. No flip-out tape 2. No peel-off tape 3. No loose tape 4. No missing tape 5. No wrong dimension 6. No wrong use of tape

