			WORK INSTRUCTIO	N	Effectivity Date:	May 18, 2021			
		Process Name/Title:	TAPING ASSEN	IBLY PROCESS	Validity Date:	n/a			
		Product Name/Code:	<b>011B</b> / <b>7M0365-7020A</b> Custome	er: TRJ	Document No.:	WI-ENG-PDE-193A			
		Purpose:	☐ PROTOTYPE ☐ PRE-LAUN	NCH MASSPRO	Revision No.:	4 Page No.: 1 of 9			
-									
PARTS:		nector 6189-0451 (W) Sf 0.3 wires Y, L=387±2mn	3. AVSSf 0.3 wires OR, L=387±	2mm	JIG:	1. Insertion jig with switch cover			
NO.	PI	ROCESS NAME	WORK PROCEDUR	RE/ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS			
1	P1	Connector setting to insertion jig 6189-0451 (W)	Insertion JIG WITH SWITCH COVER  Insertion jig  Y-wire  Wire guide  Holes  R	CONNECTOR ORIENTATION	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	Connector Orientation Illustration  I-mark is align  1 hole is open  I-mark is NOT align  1 hole is open			
05/18/21 4	Remova	al of validity date. Apply som	2. Insert the connector 6189-0451 (W) into jig using hand and release the lock.  Revision History	Release  3. Push the wire guide upward, slot for Y wire will be opened.  M. Catapang C. Villanueva A. Shimamur.	Supervisor or Line Leader for immediate corrective action.  Prepared by Re	1. Use the provided jig per model 2. No wrong orientation of connector 3. No wrong use of connector 4. No damaged connector eviewed by Approved by Noted by			
			e improvements. ction (WI-PRO-ASY-019A) to Engineering (WI-ENG-PDE-193A	. 0		++ ( 0 + / ( ) )			
11/11/20 3	improve	ments/update pictures.	, , ,	M. Catapang R. Peñaloza A. Shimamura	1/10	fill shirt the			
07/10/17 0 Eff. Date Rev. No		siy established as Production	n work instruction (WI-PRO-ASY-019). Initial issue  Details of Change	J. Montealto/ L. Briones  O. Merin  T. Sugiyama  Revised  Checked Approved		Villarídeva 4X. Shimamura A. Áráñes 0, 2017			
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PARTS:	n/a			JIG	1. Insertion jig w/switch cover
NO.			WORK PROCEDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
2	<i>I</i>	Wire insertion to Connector 6189-0451 (W)	WIRE FACING  1. Get the Y wire using right hand then insert to slot 1 of connector.  2. Press the button using right thum insertion. The slot for OR wire will be opened.  4. Press the insertion jig lock using left hand and slowly remove the harness from jig using right hand.	n/a	Note: Please hold the wire near terminal during insertion.  1. No loose insertion 2. No wrong insertion 3. One by one insertion 4. No deform 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.

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		Process Name/Title:		TAPING ASS	EMBLY PR	OCESS	Validity Date:		n/a	
		Product Name/Code:	011B /	7M0365-7020A	Customer:	TRJ	Document No.:		WI-ENG-PDE-1	93A
		Purpose:	PROTOTYF	E $\square$	PRE-LAUNCH	MASSPRO	Revision No.:		4 Page No.:	3 of 9
PARTS:	1. Assy 2. Black 3. Black	parts corrugated tube (no slit) corrugated tube (no slit)	Ø7 L=87±3mm Ø7 L=208±3mm					JIG	Locking jig     Terminal cover jig	
NO.		ROCESS NAME		WORK PROCE	OURE/ ILLUS	TRATION	TOOLS/I	PPE	QUALITY POIN	ITERS
3		Connector Lock	1. Put the connector using right hand then Check the connector locked.	push 2x.	ESSING	check the double lock deformation  GOOD  NG	LOCKING	i JIG	Use the provided locki model     No unlock/half-locked	
4	P1	Wire insertion to Black corrugated tube (no slit) Ø7 L=87±3mm Ø7 L=208±3mm		7 L=87±3mm using right he Y-OR wires using left  4. After insertion, remove t	then insert to right hand.  3. Hold the hand.	rminal cover jig using right hand both terminals (Y-OR wires) using R  the COT \$\phi T = 208\pm 3mm\$ using right en insert the Y-OR wires using left  right hand.	TERMINAL CO	VER JIG	No wrong usage of pa     No damaged rubber se	

			WORK INSTRUCTION		Effectivity Date:	May 18, 2021
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	1. Assy 2. Black				JIG	n/a
NO.	PF	ROCESS NAME	WORK PROCEDURE/	ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
9	P1	Taping 1 Black corrugated tube to wire near connector		2. Measure the end of the corrugated tube up to the edge of connector 28± 2mm and then continue the taping process.  Note: Refer to WI-PRO-ASY-001 for taping procedure.  3. After taping, check the measurement and taping condition.	**************************************	Note: 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

	_				WORK INSTRUCT	TION		Effectivity Date:			May 18,	2021
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		Product Name/Code:	011B	1	7M0365-7020A	Customer:	TRJ	Document No.:			WI-ENG-PI	DE-193A
		Purpose:	☐ PF	OTOTYP	E $\square$	PRE-LAUNCH	MASSPRO	Revision No.:		4	Page No.:	5 of 9
PARTS:	1. Conn	ector 6188-0066 (GR)							JIG	1. Insertion jig		
NO.	PF	ROCESS NAME			WORK PROCED	URE/ ILLU	STRATION	TOOLS/I	UALITY P	OINTERS		
6	P1	Connector setting to insertion jig 6188-0066 (GR)	I-MARK  Lock	INSE	Unic	l reference  ck button  ide lock  Release	CONNECTOR ORIENTATION  L Press  1. Press the lock of insertion jig using left thumb.  2. Insert the connector 6188-0066 (GR) into jig using right hand and release the lock.  3. Push the guide using left hand. The slot for Y wire will be opened.	n/a		I-mar alig  I-ma not a  1. Use 1  2. No w  3. No w	illustra  k is  GOO  rk is align  NG	2 holes are open  2 holes open  igg per model tion of connector connector

			WORK INSTRUCT	rion	Effectivity Date:		May 18	3, 2021
		Process Name/Title:	TAPING ASSI	EMBLY PROCESS	Validity Date:		n/	'a
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		I			<u>I</u>		<u> </u>	
PARTS:	1. Assy	parts				JIG	1. Insertion jig	
NO.	PF	ROCESS NAME	WORK PROCED	TOOLS/P	PPE	QUALITY F	POINTERS	
7	<u>/</u> 4	Wire insertion to connector 6188-0066 (GR) (Assy parts)	1. Get the Y wire then insert to terminal slot  1 using right hand.  R  Q  ORANGE  3. Get the OR wire then insert to terminal slot  2 using right hand.	2. After insertion of Y wire press the button using right thumb. The slot for OR 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		1. No loose insertio 2. No wrong insertio 3. One by one insert 4. No deformed terr 5. No wrong wire far  Note: Make sure v inserted. Conduct Pull-Pushinsertion. Do not exert extra	on rition minal cing vires are properly Pull-Push after

	_		WORK INST	RUCTION		Effectivity Date:			May 1	8, 2021
		Process Name/Title:		ASSEMBLY PROCES	SS	Validity Date:				/a
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		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:		4	Page No.:	7 of 9
<u> </u>		•				1		1		
PARTS:										
NO.	PF	ROCESS NAME	WORK PR	OCEDURE/ ILLUSTRATION	ON	TOOLS/	PPE	QI	JALITY I	POINTERS
8	P1	Connector setting to insertion jig 6188-0066 (GR) (Assy parts)	Lock  Lock  Press  2. Press the lock of insertion jig using left thumb.	Guide lock  1. Push t	Release	n/a		I-mark alii	Illustrative is general and the provided rong oriental	2 holes are open  2 holes are open  d jig per model attion of connector fronnector

				WORK INSTRUCT	TION		Effectivity Date:			May 18,	2021	
		Process Name/Title:		TAPING ASSI		CESS	Validity Date:		1	n/a		
		Product Name/Code:	011B / 7M0365-7020A Customer: TRJ Doc							WI-ENG-PI	DE-193A	
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		1								I		
	1. Assy 2. TVS	parts Sf 0.3 GR-B/W wires L=82	26±3mm							1. Insertion jig 2. Terminal cover jig		
NO.	PI	ROCESS NAME		WORK PROCED	URE/ ILLUSTF	RATION	TOOLS/I	PPE	QL	JALITY P	OINTERS	
9	. P1	Wire insertion to connector 6188-0066 (GR)	L	to terminal slo hand.  2. After inserti press the butto	R wire then insert of ① using right  on of GR wire on using right of for B/W wire	2  3. Hold the B/W wire then insert to terminal slot ② using right hand.	n/a		2. No wro 3. One by 4. No def 5. No wro  Note: No inserted Conduct insertion	l. ! <u>Pull-Push-P</u>	n ion inal ing res are properly <u>ull-Push</u> after	
10		Wire insertion to Black corrugated tube (no slit) Ø7 L=208±3mm (Assy parts)	hand then insert to B/W wires) using r	cover jig using right both terminals (GR-ght hand.	R	2. Hold the COT \$\phi7\$ L=208±3mm using right hand then insert the GR-B/W wires using left hand.  4. Press the insertion jig lock using left hand and slowly remove the harness from jig using right hand.	TERMINAL CO	VER JIG		ong insertior formed term		

					WORK INSTR					Effectivity Date:			May 18	, 2021		
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		Product Name/Code:	011B	1	7M0365-7020	Α	Customer:	TF	RJ	Document No.:			WI-ENG-P	DE-193A		
		Purpose:	☐ PR	OTOTYP	E	F	PRE-LAUNCH		MASSPRO	Revision No.:		4	Page No.:	9 of 9		
	 T											1				
	1. Assy 2. Black										JIG	1. Lockir	ng jig			
NO.	PF	ROCESS NAME			WORK PRO	CED	JRE/ ILLUS	TRATION		TOOLS/	TOOLS/PPE			QUALITY POINTERS		
11		Connector Lock	1. Put the cor locking jig usi push 2x. Chee properly lock	ing right ck the co	hand then	essing	After pressing	Connector  NG  Unlock Condition	or Cross Sectional View NG GOOD  Half Lock Condition  Full Lock Condition	LOCKING	G JIG	1. Use th	UAL LOCKII E DAMAGE			
12	P1	Taping 2 Black corrugated tube to wire near connector	Start of tapin	28± 2	1. Hold the corrugated tube using hand and s taping usin right hand.  5-8mm  ->End tape connector (rubber seal)	d g left start ng l.  R up to (includes	edge of connitating process Note: Refer to procedure.	ector <b>28± 2mm</b> ass. to WI-PRO-ASY-		6 7 8 9 (1 2 3		2. No pe 3. No loc 4. No mi 5. No wr 6. No wr Note: Please measu	ssing tape ong dimens ong use of use calibr	ated/verified when getting		