PARTS: 1. Connector 6188-0066 (GR) NO. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION Insertion jig with switch cover Orange wire Yellow wire Yellow wire Vellow wire I-mark JIG: 1. Insertion jig with Switch CONNECTOR ORIENT ILLUSTRATION Safety Instruction Be sure to wear prescribed personal protective equipment during operation (gloves, finger cots,)21		
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NO. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION Insertion jig with switch cover Orange wire Yellow wire Vellow wire I-mark Lock CONNECTOR ORIENT ILLUSTRATION ILLU	1 of 7		
NO. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION Insertion jig with switch cover Orange wire Yellow wire Vellow wire I-mark Lock CONNECTOR ORIENT ILLUSTRATION ILLU			
Insertion jig with switch cover Orange wire Vellow wire Orange wire Lock CONNECTOR ORIENT ILLUSTRATION I he grescribed personal protective equipment during operation (gloves, finger cots,	h cover		
Orange wire I-mark	QUALITY POINTERS		
Connector setting to Insertion jig 6188-0066 (GR) Press R 1. Press the lock using left hand. 2. Get the connector 6188-0066 (GR) using right hand and insert to insertion jig. Release the lock after insertion. Alert level For any trouble, inform the Assembly Assistant Supervisor or Line Leader for immediate corrective action. 3. Push the lower wire guide upward using right hand. Slot for yellow wire will be open. 1. Use the provided jig per 2. No wrong orientation of	hole is open les are open er model of connector		
Revision History Prepared by Reviewed by Approved by	y Noted by		
03/29/21 5 Remove Cycle time; Put assy parts on pg 3 and 5 parts section J. Loterte C. Villanueva A. Shimamura A. Arañes Transferred process owner from Production (WI-PRO-ASY-88A) to Engineering (WI-ENG-PDE-159A); Apply some J. Loterte R. Peñaloza A. Shimamura A. Arañes J. Loterte R. Peñaloza A. Shimamura A. Arañes			
05/23/19 3 Include the insertion jig J. Silang W. Carbillon O. Merin n/a J. Loterte C. Villarueva & Shimamura Eff. Date Rev. No. Revised Checked Approved Noted Est. Date: September 9, 2018			

					WORK INSTRUCT	ION		Effectivity Date:		T	March 29	, 2021			
		Process Name/Title:									n/a				
	H	Product Name/Code:	164B		7M0610-7020B	Customer:	TRJ	Document No.:			WI-ENG-PE	DE-159A			
		Purpose:		PROTOTYF	PE 🗆	PRE-LAUNCH	MASSPRO	Revision No.:		5	Page No.:	2 of 7			
									1						
PARTS:	1. AVSS	Sf 0.3 Y L=364mm; OR L=	=364mm						JIG	1. Insertion jig					
NO.	PI	ROCESS NAME			WORK PROCE	URE/ ILLU	STRATION	TOOLS/	PPE	QUALITY POINTERS					
2	<i>A</i>	Wire Insertion to connector 6188-0066 (GR)	the Yell using rig	ow wire ar	Yellow wire R on jig using left hand. Get and insert to connector Orange wire R e wire and insert to ight hand.	2. F for L 4. A usir	Press the button using right thumb. slot orange wire will be open. Press the button using right thumb. slot orange wire will be open.	n/a		2. No wr 3. One k 4. No de 5. No wr Make su Conduct insertion	Pull-Push-P	on nal ng oroperly inserted. ull-Push after			

using right hand.

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			WC	Effectivity Date:		March 29, 2021					
		Process Name/Title:	•	TAPING ASS	EMBLY PROCE	SS	Validity Date:			n/	а
		Product Name/Code:	164B / 7M0	610-7020B	Customer:	TRJ	Document No.:			WI-ENG-P	DE-159A
		Purpose:	PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:		5	Page No.:	3 of 7
		1					<u> </u>			<u> </u>	
PARTS: 1. Black corrugated tube (no sl 2. Black corrugated tube (no s				Ś	3. Connector 6189-110 4. Assy parts	i1 (B)		JIG	1. Inserti	on jig	
NO.	P	ROCESS NAME	V	VORK PROCE	DURE/ ILLUSTRAT	ION	TOOLS/I	PPE	QUALITY POINTERS		
3		Wire insertion to COT (no slit) Ø7 L= 24±3mm Ø5 L= 258±3mm	1. Hold the wires using left Corrugated tube (no slit) ø using right hand and insert	7 L= 24±3mm	Corrugated tul	es using left hand. Get the lee (no slit) ø5 L= 258±3mm d and insert the wires.	n/a		1. No wr	ong use of p	arts
4	P1 /	Connector setting to insertion jig 6189-1161 (B)	Visual reference Press 1. Press the lock using left hand.	Pr 2. Get the connec	g Orientation R L L L L L L L L L L L L	I I for vellow wire will I	n/a		I-m not	nark is talign	1 hole is open 1 hole is open

			WORK INSTRUCTION	Effectivity D	Date:		March 29	9, 2021
		Process Name/Title:	TAPING ASSEMBLY PROCESS	Validity Dat	e:		n/a	a
		Product Name/Code:	164B / 7M0610-7020B Customer:	TRJ Document I	No.:		WI-ENG-P	DE-159A
		Purpose:	PROTOTYPE PRE-LAUNCH	MASSPRO Revision No	o.:	5	Page No.:	4 of 7
PARTS:	1. Assy	parts			JIG	1. Inser	tion jig	
NO.	Р	ROCESS NAME	WORK PROCEDURE/ ILLUSTRATION	TOO	LS/PPE	C	UALITY P	OINTERS
5	P1	Wire Insertion to connector 6189-1161 (GR)	for Orange wire will Orange wire R	using right thumb. slot	n/a	2. No w 3. One l 4. No de 5. No w Make si Conductionsertion	t Pull-Push-F	n on inal ng properly inserted. Pull-Push after

using left thumb and then hold the wires

and gently pull out the connector from jig

using right hand.

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3. Get the Orange wire and insert to

connector using right hand.

				WORK INSTRUCT			Effectivity Date:		March 29, 2021		
		Process Name/Title:		TAPING ASS	EMBLY PR	DCESS	Validity Date:		n/a		
		Product Name/Code:	164B /	7M0610-7020B	Customer:	TRJ	Document No.:		WI-ENG-PDE-159A		
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:		5 Page No.: 5 of 7		
								I			
PARTS:	1. Black 2. Assy _l	tape parts						JIG	1. Locking jig		
NO.	PF	ROCESS NAME		WORK PROCE	OURE/ ILLUS	TRATION	TOOLS/	PPE	QUALITY POINTERS		
6		Connector lock	Before pressing	Put the connector into locking jig and push down using right thumb. After Pressing	NG UNLOCK CONDITION	NG GOOD 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 get Black tape and cousing right hand.	s using left hand, anduct pre-taping	from COT to connect Continue taping pro Note: Refer to WI-P Procedure.		6789 11234	\$ 6 7 8 9	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 INSTRUCT	TON		Effectivity Date:	March 29, 2021
		Process Name/Title:		TAPING ASS	EMBLY PR	OCESS	Validity Date:	n/a
		Product Name/Code:	164B /	7M0610-7020B	Customer:	TRJ	Document No.:	WI-ENG-PDE-159A
		Purpose:	PROTOTYF	PE	PRE-LAUNCH	MASSPRO	Revision No.:	5 Page No.: 6 of 7
		l						
PARTS: 1. MRSW CP 7M0610-7040A 2. Black tape					3. Black Corruç	gated tube φ7 (no slit) , L=456±4mm	JI	G 1. Terminal cover jig
NO.	Pl	ROCESS NAME		WORK PROCED	URE/ ILLUS	STRATION	TOOLS/PPE	QUALITY POINTERS
8	2	Wire insertion to COT ф7 L= 456±4mm		cover jig using right hand then i vires) using right hand. 3. After insertion, jig using right hand	2. Get the corrugated tube \$\phi7\$, L=456±4mm using right hand then insert the GR wire and B/W wire using left hand.	TERMINAL COVER	JIG 1. No wrong use of parts	
9	<i>L</i> P1	Taping 2 COT to wire near hotmelted wires	7 8 9 (D 1 2 3 4 5	31±3mm 131±3mm 5 6 7 8 9 50 1 2 3 4 5 6	2. Hold the CO COT up to the continue taping Refer to WI-PR	T using left hand and measure the end of melted wire 131±3mm and g using right hand. O-ASY-001 for taping procedure.	MEASURING TAP 6 7 8 9 10 1 2 3 4 5 6 7	

NBC			: March 29, 2021									
		Process Name/Title:			TAPING ASS	Validity Date:		n/a				
		Product Name/Code:	164B	1	7M0610-7020B	Customer:	TRJ	Document No.:			WI-ENG-P	DE-159A
		Purpose:		PROTOTYF	E	PRE-LAUNCH	MASSPRO	Revision No.:		5	Page No.:	7 of 7
PARTS: 1	Assv r	narts							JIIG	1 Termi	nal cover iid	

