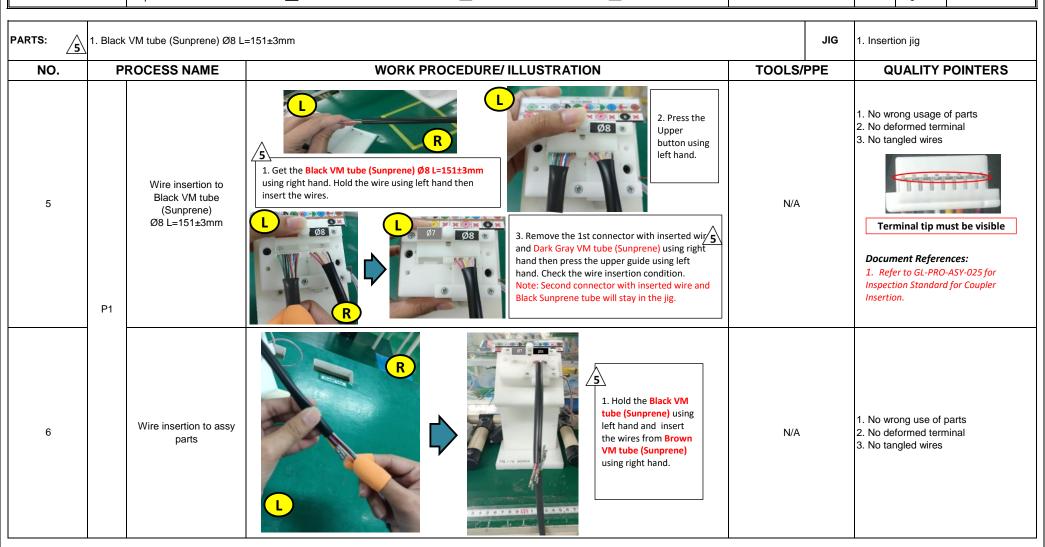
			WOR	K INSTRUCTION			Effectivity Date:		Janua	ary 18, 2023	
		Process Name/Title:	Т	APING ASSEMBLY PRO	CESS		Validity Date:			n/a	
		Model Code/Part Number:	011B / 75L17	79-0030A Customer:	TRJ		Document No.:		WI-EN	IG-PDE-183	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSE	PRO	Revision No.:	5	Page No.:	1 of	f 14
PARTS:	1. Conn	ector PBVP-10V-S (W) [2pc	es]					JIG:	1. Insertion jig		
NO.	P	ROCESS NAME	W	ORK PROCEDURE/ ILLUST	RATION		TOOL	S/PPE	QUAI	ITY POINT	ERS
1	P1	Connector setting to insertion jig PBVP-10V-S (W)	to be insert are or		sert to insertion jig. ntation. Press 08	R nd transfer the	Safety In: Be sure to we personal pequipment operation (generation (generatio	eeping and always in the prohibited brother.	No wrong us No wrong or No damaged	entation of con	
	I	I dha baaadaa Baaada		rision History		1		Prepared by:	Checked by:	Approved by:	Noted by:
01/18/23 5		I the insertion jig and procedul two's inspection. Inloude qual		e tube to Black VM tube (Sunprene). Imp	D.Castillo	J. Loterte C.	Villanueva A. Arañes				
04/19/22 4	<u> </u>	process illustration and proced			K. Doria	J. Loterte V	C. fillanueva A. Arañes	0		, / /	
03/21/22 3			Wire and Strip Length Tolerance.	vement. Additional quality pointers in wire	K. Doria		C. fillanueva	D. Castillo	J. Loterte	C. Villanueva	A. Arabes
Eff. Date Rev. No			Details of Change		Revised	Checked A	Approved Noted <	Established Date	e: July 1	0, 2017	

				WORK INSTRU	CTION		Effectivity Date:			January 1	18, 2023
		Process Name/Title:		TAPING AS	SEMBLY PRO	CESS	Validity Date:			n/a	a
		Model Code/Part Number:	011B /	75L179-0030A	Customer:	TRJ	Document No.:			WI-ENG-F	PDE-183
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PARTS: 5	L=384±			3±2mm; GR/B L=380±2	2mm; G L=209±2mm;	R/L L=382±2mm; W/G L=386; L L=20)3±2mm; BR	JIG	1. Insertio	on jig	
NO.	Р	ROCESS NAME		WORK PROC	EDURE/ ILLUST	RATION	TOOLS/	PPE	Ql	JALITY P	OINTERS
			INSERTION SEQUENCE	E FROM LEFT TO RIGHT		Name of the last o			 No wro One by 	ovided jig po ong usage of one insertion ong insertion	f parts on
					1 2 3 4	Wire facing 4 5 6 7 8 9 10	STEERIN NAVIGAT	-	5. No def	ormed termin	inal
			1 2 3 4 5	067890		R/B G R/L W/G L			1. Pleas	ant reminde se hold the v al during inso	vire near
2		Wire insertion to Connector PBVP-10V-S (W)	Ø7	08	000	10000	A VII A A A A A		inserted		are properly Pull-Push-Pull-
		1 BV1 -10V-3 (W)					CONTROL	LER	Do not	exert extra f ent Referen	force.
	P1			R				30	1. Refer	r to WI-ENG-I Navigation (PDE-044 for
		<u>\</u>	W-GR-GR/B-G-R/L-W/G		vire after insertion.	to connector. Repeat the process for			and Strip	o Length Tole to GL-PRO-A	NC-017 for Wire erance ISY-028 for Pull-
3		Wire insertion to Dark Gray VM tube (Sunprene) Ø7 L=163±3mm	L	R		1. Get the Dark Gray VM tuber (Sunprene) Ø7 L=163±3mm using left hand and transfer to right hand. Hold the wires using left hand and insert the wires using right hand.	N/A		2. No def	ong usage of ormed termi gled wires	•

				1	WORK INSTRU	CTION			Effectivity Date:			January 1	18, 2023
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		Model Code/Part Number:	011B	1	75L179-0030A	Customer:		TRJ	Document No.:			WI-ENG-F	PDE-183
		Purpose:	P	ROTOTYPE		PRE-LAUNCH		MASSPRO	Revision No.:		5	Page No.:	3 of 14
PARTS:	1. AVS	S 0.3 R L=191±2mm; V L=1	95±2mm; Y L:	=197±2mm	n; P L=203±2mm; B L=2	207±2mm				JIG	1. Inserti	ion jig	
NO.	Р	ROCESS NAME			WORK PROCI	EDURE/ ILL	USTRATIO	N	TOOLS/	PPE	Q	UALITY F	POINTERS
4	P1	Wire insertion to Connector PBVP-10V-S (W)		2 3	Ø7 Ø8	R X 191 1!	3 4 5 V Y 95 197 te: Holes that nen. Lower guide	1. Get the R wire using right hand and insert to connector. Repeat the process for V-Y-P-B wires. Check the wire after insertion. Note: Follow the insertion sequence based on the above illustration.	STEERIN NAVIGAT CONTROL	ION	2. No wro 3. One b 4. No wro 5. No de 6. No stu Import 1. Pleas termina 2. Mak inserted Push aj Do not Docum 1. Refe Steering procedu 2. Refer and Stri 3. Refer	ed. Conduct <u>P</u> fter insertion exert extra f ment Referen er to WI-ENG-I g Navigation (ure. r to WI-PRO-C ip Length Tole	f parts ion in inal al tip ers/Note/s: vire near ertion. are properly bull-Push-Pull- io. force. ces: PDE-044 for Controller NC-017 for Wire

NBC		BC
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			WORK INSTRUC	CTION		Effectivity Date:		January	18, 2023
Process Name/Title:			TAPING AS	SEMBLY PRO	CESS	Validity Date:		n/	a
Model Code/Part Number:	011B	1	75L179-0030A	Customer:	TRJ	Document No.:		WI-ENG-	PDE-183
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		Process Name/Title:			TAPING AS	SSEMBLY PR	OCESS	Validity Date:			n/a	1
		Model Code/Part Number:	011B	/ 7	5L179-0030A	Customer:	TRJ	Document No.:			WI-ENG-F	PDE-183
		Purpose:	☐ PR	OTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:		5	Page No.:	5 of 14
								•		1		
PARTS:	1. Assy	parts							JIG	1. Inserti	on jig	
NO.	Р	ROCESS NAME			WORK PROC	EDURE/ ILLUS	TRATION	TOOLS/	PPE	Q	UALITY P	OINTERS
7	P1	Wire insertion to Connector PBVP-10V-S (W)	1 2 3 0 0 0 7 0 0 7 0 0 0 0 0 0 0 0 0 0 0 0	Ø8 Ø8 Ø8 Ø8	R L	Ø7 Ø8 7 Ø8	Wire facing 4 5 6 7 8 9 10 Y R/L P W/G B BR 197 382 X 203 386 207 384 1. Press the Lower button using right hand. Holes that need to be insert are only open. R dex finger then insert to connector using after insertion	STEERIN NAVIGATI	ION	2. No wn 3. One b 4. No wn 5. No de 6. No stu Import 1. Plea termin 2. Mak inserte Push a Do not Docum 1. Refe Steerin, procede 2. Refel and Str 3. Refe	d. Conduct <u>E</u> fter insertior exert extra j ent Referen er to WI-ENG-1 g Navigation of ure. er to WI-PRO-C ip Length Tole	f parts on inal al tip rs/Note/s: vire near ertion. are properly tull-Push-Pull- i. force. ces: PDE-044 for Controller NC-017 for Wire

NBC (Philippines)

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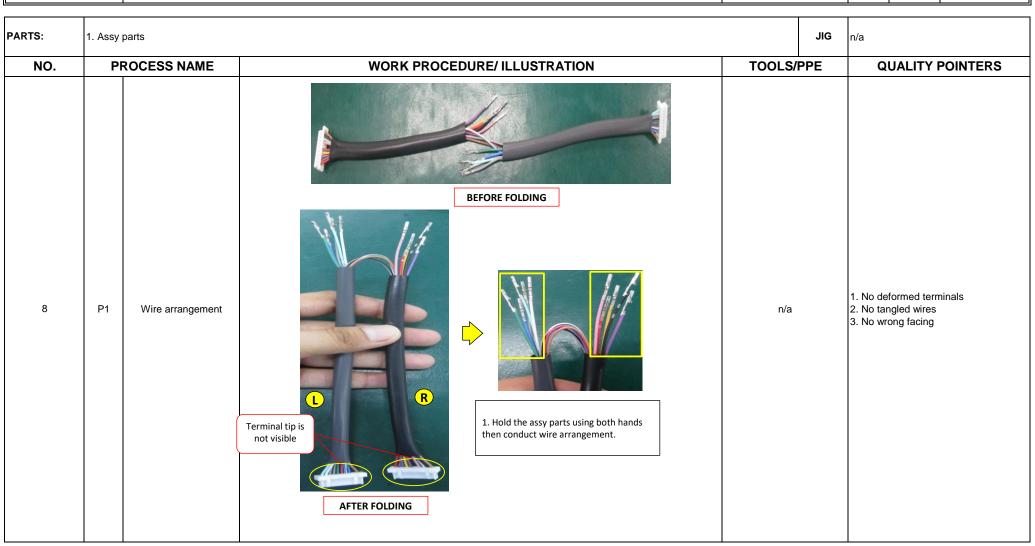
Note: Follow the insertion sequence based on the above illustration.

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			WORK INSTRU	ICTION		Effectivity Date:		January	18, 2023
Process Name/Title:			TAPING AS	SSEMBLY PROC	CESS	Validity Date:		n/	'a
Model Code/Part Number:	011B	1	75L179-0030A	Customer:	TRJ	Document No.:		WI-ENG-	PDE-183
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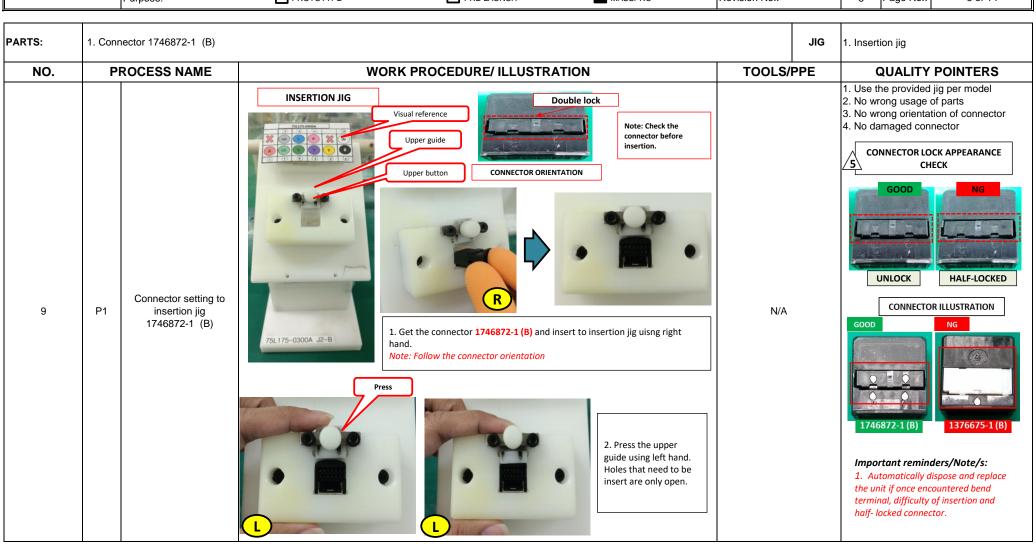
1. Assy parts				JIG	1. Insertion jig		
NO. PROCESS	NAME	WORK PROCEDUR	E/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTER		
7 P1 Cor	nsertion to nnector -10V-S (W) tinuation)	3. Press the Upper button using left husing right hand. Check the insertion	nand then remove the assy part condition.	N/A	Terminal tip must be visible Document References: 1. Refer to GL-PRO-ASY-025 for Inspection Standard for Coupler Insertion. 1. No deformed terminals 2. No tangled wires 3. No wrong facing		

				WORK INSTRUC	CTION		Effectivity Date:			January 1	8, 2023
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	Model Code/Part Nun	ber 011B	/	75L179-0030A	Customer:	TRJ	Document No.:			WI-ENG-F	PDE-183
	Purpose:	□P	ROTOTY	PE C	PRE-LAUNCH	MASSPRO	Revision No.:		5	Page No.:	7 of 14
								1			
PARTS: 1	. Assy parts							JIG	n/a		



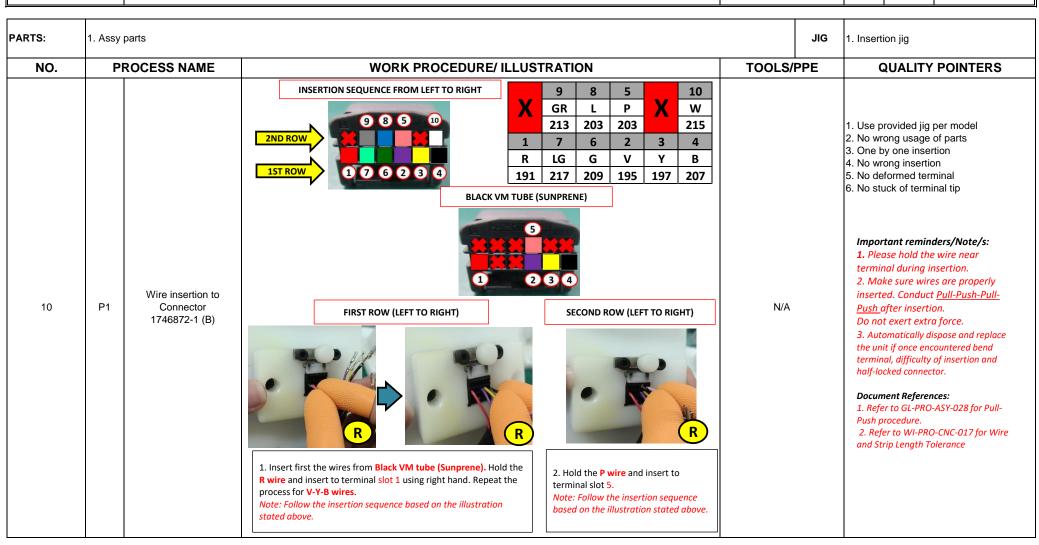


			WORK INSTRUC	CTION		Effectivity Date: January 18, 2023			
Process Name/Title:			TAPING ASS	SEMBLY PRO	DCESS	Validity Date:		ı	n/a
Model Code/Part Number	011B	1	75L179-0030A	Customer:	TRJ	Document No.:		WI-ENG	G-PDE-183
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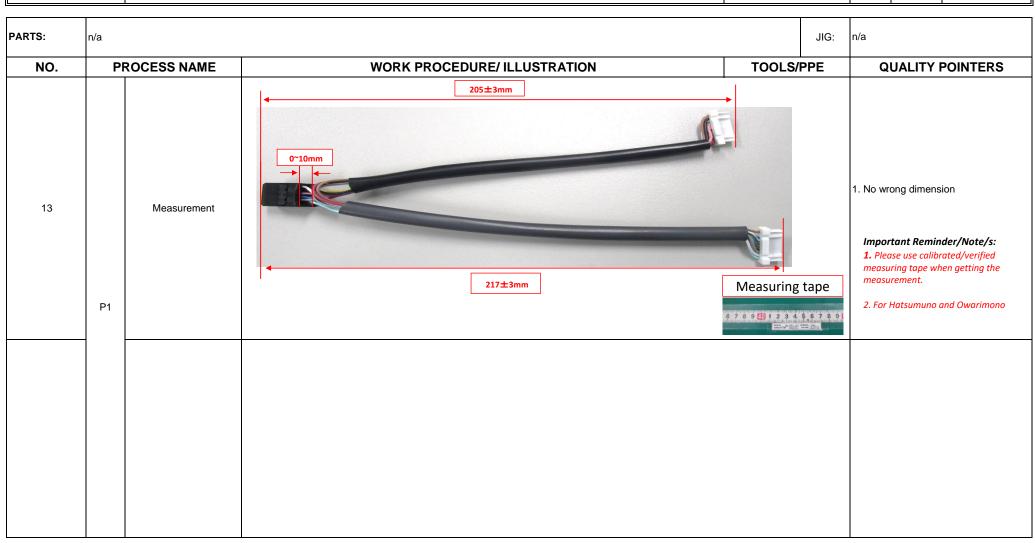
		Effectivity Date:	January 18, 2023						
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Model Code/Part Number:	011B	1	75L179-0030A	Customer:	TRJ	Document No.:		WI-ENG-	PDE-183
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	y parts			JIG	1. Insertion jig
NO.	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION	TOOLS/	PPE	QUALITY POINTERS
10 P1	Wire insertion to Connector 1746872-1 (B) (Continuation)	3. Hold the G wire using right hand and support the wire by left index finger then insert to terminal slot 6 using right hand. Repeat the process for LG wire. Note: Follow the insertion sequence based on the above illustration. 4. Hold the L wire and insert to terminal slot 8 using right hand. Repeat the process for GR-W wires. Note: Follow the insertion sequence based on the illustration. 5. Press the Upper button using left hand then remove the assy part using right hand.	n/a		1. Use provided jig per model 2. No wrong usage of parts 3. One by one insertion 4. No wrong insertion 5. No deformed terminal 6. No stuck of terminal tip Important reminders/Note/s: 1. Please hold the wire near terminal during insertion. 2. Make sure wires are properly inserted. Conduct Pull-Push-Pul Push after insertion. Do not exert extra force.

			WORK INSTRUC	TION		Effectivity Date:	January 18, 2023
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	57	Model Code/Part Number	or 011B / 75L179-0030A	Customer:	TRJ	Document No.:	WI-ENG-PDE-183
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	5 Page No.: 11 of 14
PARTS:	1. Assy	Parts ROCESS NAME	WORK PROCEI	DURE/ ILLUSTRATIO	DN .	JIG TOOLS/PPE	n/a QUALITY POINTERS
11	P1	Wire folding	DARK GRAY VM TUBE (SUNPRENE) 1. Hold the connector PBVP-10V-S (W) using left hat tube (as shown in illustration above) using right hat tube (lock/folded wires in upward position CORRECT Double lock in upward position Folded wires under position WRONG F	and and slightly fold the wire and. Repeat the process for Bl AFTER FOLDING T FACING	ack sunprene tube wires.	n/a	BR wire must be straight 1. No wrong orientation of connector 2. No tangled wires 3. No terminal backing out 4. No wrong facing 5. No tangled wires

				INSTRU			Effectivity Date:	January 18, 2023
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PARTS: r	n/a						JIG:	n/a
NO.	Р	ROCESS NAME	WO	RK PROCE	DURE/ ILLUS	TRATION	TOOLS/PPE	QUALITY POINTERS
		<u>/5</u>	1. Check the connector lock, locking of connector is included in Steering electrical test.		ne wire alignment. no tangled wires.	hacking out (not fully incorted)	4. Check the orientation of harness.	Document References: 1. Refer to WI-ENG-PDE-431 for
12	P1	Visual/By two's inspection	Actual Product 5. Compare to Master Sample b	y tapping.		Dark Gray VM tube (Sunprene) sster Sample		Steering Electrical Test after assembly. MASTER SAMPLE

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PARTS: n.	/a						JIG	n/a				
			<u>∕s</u> QU	ALITY CHEC	CKPOINTS							
	Check the orientation of the check if no missing parts		5. Check the	Black VM to	2. Check the wire alignment Make sure no tangled wires Dark Gradube (Sunprene) with backing out formed terminal		ej	con	Check the nnector lo ould be ur	ock,		