			WOR	K INSTRUCTION			Effectivity Date:		Febru	ary 22, 2022
		Process Name/Title:	Т	APING ASSEMBLY PROCE	SS		Validity Date:			n/a
		Model Code/Part Number:	VK00 / 75S0	059-0210 Customer:	TR	J	Document No.:		WI-EN	IG-PDE-396
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASS	PRO 1	Revision No.:	1	Page No.:	1 of 9
	1									
PARTS:		ector PBVP-8V-S (W) ector PBVP-10V-S (W)	Λ.					JIG:	1. Insertion jig	
NO.	Р	ROCESS NAME	<u>_1</u> Wo	ORK PROCEDURE/ ILLUSTRAT	TION		TOOLS	S/PPE	QUAI	LITY POINTERS
1	P1	Connector setting to insertion jig PBVP-8V-S (W)	VISUAL REFERENCE  1 2  INSERTION JIG	UNLOCK BUTTON  1. Get the connector PBVP-8V-S using lef slot 1.  2. Get the connector PBVP-10V-S using rislot 2. Note: Follow the connector oriental	CONNECTOR O  Connector of the control of the contro	er and lower e timing). You noles that needs	Safety Ins Be sure t prescribed protective e during operat finger cot  Houseke 1. Maintain a practic 2. Personal th workplace is Keep it in you the Assembly Supervisor or for immediate actic	truction o wear personal equipment ion (gloves, ss, etc.)  eeping and always e 5's. ings on the prohibited. our locker.  evel ole, inform y Assistant Line Leader e corrective	1. Use the pro 2. No wrong us	vided jig per model sage of parts ientation of connector
	1		Rev	rision History				Prepared by	Reviewed by	Approved by Noted by
02/22/22 1	Change I	Pre-launch to Masspro. Improve	e process illustration. Merged P1	and P2 due to the process improvement.	K. Doria	J. Loterte C.Vill	anueva A. Arañes	Dala	(Jul)	ATH CAS
02/09/22 0	Initial Iss	ue.			K. Doria Revised		anueva A. Arañes	K. Doria	J. Loverte	C.Villanueva A. Arañes
Eff. Date Rev. No			Details of Change	Reviewed by	/: Noted	Established Da	ate: Febru	uary 9, 2022		

			WORK INSTR	UCTION		Effectivity Date:	F	ebruary	22, 2022
		Process Name/Title:	TAPING /	ASSEMBLY PROCES	S	Validity Date:		n/a	1
		Model Code/Part Number:	VK00 / 75S059-0210	Customer:	TRJ ^	Document No.:	\ \ \	WI-ENG-F	PDE-396
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO 1	Revision No.:	1 Pa	age No.:	2 of 9
PARTS:	L=473±2 2. Brown			=247±2mm; GR/B L=473±2mm		nm; B/W JIG TOOLS/PPE	1. Insertion		OINTERS
2	P1	Wire insertion to Connector PBVP-8V-S (W)	INSERTION SEQUENCE FROM LEFT TO RIGITATION SEQUENCE FROM LEFT TO RIGHT FROM LEFT TO RIGITATION SEQUENCE FROM LEFT TO RIGITATION SEQU	WIRE FACING  1 2 3 4 W/G LG GR W 473 247 247 247  Sert to connector. Repeat the process	Note: Please hold the wire near terminal during insertion.    S   6   7   8     GR/B   Y   P   B/W     473   473   247   473     ess for LG-GR-W-GR/B-Y-P-	STEERING NAVIGATION  CONTROLLER	1. Use prov 2. No wrong 3. One by c 4. No wrong 5. No defor 6. No stuck Make sure Conduct Puinsertion. Do not exer	Pull-Push  vided jig pog usage of one insertiog insertion med terminate of terminat	f parts fon inal inal tip properly inserted. Pull-Push after
3		Wire insertion to Brown Sunprene tube Ø7 L=208±3mm	1. Get the Brown Sunprene tube Ø7 L=208±3mm using right hand then hold the wires using left hand. Insert the wires using right hand.	R		N/A	Note: Ref for Wire of Tolerance 1. No wrong 2. No defor 3. No tangle	g usage o	f parts

					WORK INSTRU	JCTION			Effectivity Date:			February	22, 2022
		Process Name/Title:			TAPING AS	SSEMBLY F	PROCES	SS	Validity Date:			n,	a
		Model Code/Part Number:	VK00	1	75S059-0210	Customer:		TRJ	Document No.:			WI-ENG-	PDE-396
		Purpose:	☐ PRO	TOTYP	È	PRE-LAUNCH		MASSPRO 1	Revision No.:		1	Page No.:	3 of 9
	1												
PARTS:		0.3 OR L=247±2mm; V L= Sunprene tube Ø8 L=208±3	,							JIG	1. Insertion jig		
NO.	Р	ROCESS NAME			/1\ WORK PROC	EDURE/ ILL	USTRATI	ON	TOOLS/	PPE	QI	JALITY I	POINTERS
4	P1	Wire insertion to Connector PBVP-10V-S (W)	1. Get the ORA the wire after	3 B Sunprene to		WIRE FA	3 B 247	Note: Please hold the wire near terminal during insertion.    A 5 6 L G R 247 247 247   Process for V-B-L-G-R. Check	STEERIN NAVIGAT  CONTROL	ION	1. Use p 2. No wr 3. One b 4. No wr 5. No de 6. No stu Make su Conduct insertion Do not e	rovided jig pong usage yone insertion formed termick of the ter	of parts tion on ninal nal tip e properly insertedPull-Push after
5		Wire insertion to Black Sunprene tube Ø8 L=208±3mm	L=208±3mm	using r	Black Sunprene  Representation of the state				N/A		for Wir Tolerar 1. No wr 2. No de	e and Strip	of parts

			WORK INSTR	UCTION		Effectivity Date:			February 2	2, 2022	
		Process Name/Title:		ASSEMBLY PRO	CESS	Validity Date:		n/a			
		Model Code/Part Number:	VK00 / 75S059-0210	Customer:	TRJ ∧	Document No.:			WI-ENG-PI	DE-396	
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO 1	Revision No.:		1	Page No.:	4 of 9	
PARTS:	1. Assy							1. Insert			
NO.	F	PROCESS NAME	/1\ WORK PRO	ATION	TOOLS/PPE QUALITY P			JALITY P	DINTERS		
			1. Press the button using left hand. Then, (Brown Sunprene tube) using right hand.	remove the first Connector P	PBVP-8V-S (W) with inserted wires			for In Coup	e: Refer to GL- inspection Star pler Insertion.  rminal tip mu	ist be visible	
6	P1	Wire insertion to Assy parts				J N/A		<ul><li>2. No deformed terminal</li><li>3. No tangled wires</li></ul>			

Press first the upper guide lock. Then, press the lower guide lock. You will notice the holes that needs to be inserted are open.

AFTER PRESSING

BEFORE PRESSING



3. Hold the Black
Sunprene tube and
insert the wires
from Brown
Sunprene tube
using right hand.

CONFIDENTIAL: Any misuse or misappropriation, including unauthorized copying, reproduction in any form, disclosure or publishing of this document or any information herein is strictly prohibited.

			1	WORK INSTRU	CTION		Effectivity Date:			February	22, 2022
		Process Name/Title:		TAPING AS	SEMBLY PROCE	SS	Validity Date:			n/	a
		Model Code/Part Number:	VK00 /	75S059-0210	Customer:	TRJ ^	Document No.:			WI-ENG-	PDE-396
		Purpose:	PROTOTYPE		PRE-LAUNCH	MASSPRO 1	Revision No.:		1	Page No.:	5 of 9
PARTS:	1. AVS	S 0.3 GR/B L=473±2mm; B/V	N L=473±2mm; Y L=4	73±2mm; W/G L=473±2	2mm			JIG	1. Inserti	on jig	
NO.	F	PROCESS NAME	4	WORK PROCI	EDURE/ ILLUSTRAT	ION	TOOLS/	PPE	QI	JALITY F	POINTERS
7	P1	Wire insertion to Connector PBVP-10V-S (W)	Black Sunprene  1. Get the GR/B W/G. Check the	tube R wire using right hand and wire after insertion.	WIRE FACING  1 2 OR V GR/B B B/V 247 247 473 247 473  I insert to connector. Repeat to don the above illustration.	V Y L G R W/G B 473 247 247 473	N/A		Note: termin  1. Use p 2. No wr 3. One b 4. No wr 5. No de 6. No stu  Make su Conduct insertion Do not e	Please hold nal during in rovided jig pong usage or yone insertiong insertiong insertion formed termick of terminer wires are Pull-Push-xert extra for Pull-Push for Pull-Push for Pull-Push	per model of parts cition on oninal onal tip e properly inserted. Pull-Push after

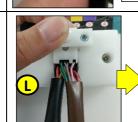
				WORK INSTRU	ICTION		Effectivity Date:			February 2	22, 2022
		Process Name/Title:		TAPING AS	SEMBLY PRO	CESS	Validity Date:			n/a	1
		Model Code/Part Number:	VK00 /	75S059-0210	Customer:	TRJ	Document No.:			WI-ENG-P	DE-396
		Purpose:	PROTOTYPE	E	PRE-LAUNCH	MASSPRO 1	Revision No.:		1	Page No.:	6 of 9
PARTS:	1. Con	nector 1376675-1 (B)					_	JIG	1. Insertio	on jig	
NO.	F	PROCESS NAME		/1\WORK PROC	EDURE/ ILLUSTR	RATION	TOOLS/	PPE	QU	OINTERS	
8	P1	Connector setting to insertion jig 1376675-1 (B)	Lower Guide Lock INSERTION J Press	Visual reference Upper Guide Lock Unlock Button	Note:	Check the connector  2. Press the upper and lower guide using right thumb and index finger. timing) You will notice the holes the to be inserted are only open.	(Same		2. No wro 3. No wro 4. No dan  CON  UN  Note: A replace bend t	ong usage of ong orientation aged connormal orie	CK APPEARANCE  NG  HALF-LOCKED  Ny dispose and once encountered iiculty of insertion

				WORK INSTRU	JCTION			Effectivity Date:			February	22, 2022	
		Process Name/Title:		TAPING AS	SSEMBLY P	ROCESS		Validity Date:			n/a	3	
		Model Code/Part Number:	VK00 /	75S059-0210	Customer:	TRJ	٨	Document No.:			WI-ENG-F	DE-396	
		Purpose:	PROTOT	YPE	PRE-LAUNCH	MASSPRO	1	Revision No.:		1	Page No.:	7 of 9	
	1							<u> </u>		1			
PARTS:	1. Conr	nector 1376675-1 (B)								1. Inserti			
NO.	F	PROCESS NAME		/1\ WORK PROC	EDURE/ ILLU	JSTRATION		TOOLS/I	PPE	QUALITY POINTERS			,
9	P1	Wire insertion to Connector 1376675-1 (B)	1. Insert first the wwire and insert to process for G-V-B	SECOND ROW (LEFT  FIRST ROW (LEFT  vires from Black Sunprene to terminal slot 1 using right to wires (First row (Left to Rightsertion sequence based on to several sequence based on to sequence based on the sequence	T TO RIGHT)  2ND  1ST ROW  TO RIGHT)  TO RIGHT)  Rube. Hold the Rand. Repeat the nt).	2. Hold the L wire and insert slot 5. Repeat the process for (Second row (Left to Right).  Note: Follow the insertion sea on the illustration stated about	R to terminal OR wire.	N/A		1. Use p 2. No wr 3. One b 4. No wr 5. No de 6. No stu  Make su Conduct insertion Do not e	for Pull-Pus provided jig p rong usage copy one insertion ground insertion eformed terminal uck of terminal ure wires are to Pull-Push-Fila. exert extra for exert extra for exert extra for	of parts ion ion in inal inal tip  properly inser Pull-Push after rce.  Illy dispose and fonce disterminal, ion and half-	erted. er

			W	ORK INSTRU	JCTION		Effectivity Date:		T	February	22, 2022	
		Process Name/Title:		TAPING AS	SSEMBLY PRO	CESS	Validity Date:			n/a		
		Model Code/Part Number:	VK00 / 7	<b>5</b> S059-0210	Customer:	TRJ ^	Document No.:			WI-ENG-F	DE-396	
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH	MASSPRO 1	Revision No.:		1	Page No.:	8 of 9	
PARTS:	1. Assy	/ parts	^					JIG	1. Insert	ion jig		
NO.	F	PROCESS NAME	SS NAME 1 WORK PROCEDURE/ ILLUSTRATION TOO							UALITY P	POINTERS	
9	P1	Wire insertion to Connector 1376675-1 (B) Continuation	BROWN VM TUBE	tube. Hold the LG w terminal slot 1 using row(left to right)		4. Hold the GR wire and inserterminal slot 2, repeat the print for P-W wires. (Second row (Iright) Note: Follow the insertion sequence based on the illustration.	ocess left to		1. Use p 2. No wr 3. One b 4. No wr 5. No de 6. No str Make su Conduct insertion	for Pull-Push provided jig porong usage of by one insertion formed term uck of terminure wires are t Pull-Push-	of parts ion n ninal nal tip properly inserted. Pull-Push after	

10

Wire Arrangement



1. Press the unlock button using left thumb and slightly pull out the inserted wires from insertion jig using right hand.



2. Hold the harness using both hands. Arrange the wire properly to avoid tangled wires. Refer to below illustration for Good wire arrangement and facing. 1. No wrong orientation of connector

2. No tangled wires

n/a

3. No wrong harness facing

CONFIDENTIAL: Any misuse or misappropriation, including unauthorized copying, reproduction in any form, disclosure or publishing of this document or any information herein is strictly prohibited.

			WORK IN	STRUCTION		Effectivity Date:	February 22, 2022		
		Process Name/Title:	TAPIN	IG ASSEMBLY PROCE	SS	Validity Date:	n/a		
		Model Code/Part Number:	VK00 / 75S059-0	210 Customer:	TRJ ^	Document No.:	WI-ENG-PDE-396		
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO 1	Revision No.:	1 Page No.: 9 of 9		
PARTS:	1. Assy	parts	Λ.			JIG	1. Insertion jig		
NO.	Ρ	ROCESS NAME	∑¹\ WORK I	PROCEDURE/ ILLUSTRAT	TON	TOOLS/PPE	QUALITY POINTERS		
11	P1	Visual/By Two's Inspection	1. Check the connector lock.  Brown VM  5. Check the termin inserted) or deform	nal if with backing out (not fully			MASTER SAMPLE		
12		Measurement		L=261 ± 2mm  L=261 ± 2mm		MEASURING TAPE	NOTE: FOR HATSUMONO AND OWARIMONO  Note: Please use calibrated/verified measuring tape when getting the measurement.		