_		WORK INSTRUCTION								Effec	tivity Date:		January 15, 2022			
			Process Name/Title:		C	FFLINE ASSEMBLY	2				Validity Date:		n/a			
	-1		Model Code/Part Number:	320B	/ 🛕 7L0053-7025	Customer:	TRQSS	}		Docu	ment No.:		WI-ENG-PDE	·306		
			Purpose:	PF	ROTOTYPE	PRE-LAUNCH	MASSI	PRO		Revis	sion No.:	2	Page No.:	1 of 6		
PARTS: 1. All parts (Connector 6189-0451 (W); AVSSf 0.3 wires Y L=326±2mm; OR L=326: L=213±3mm; Connector 6188-0066 (GR)						326±2mm; Black Vinyl tube Ø7	:6±2mm; Black Vinyl tube Ø7 L=57±3mm; Black Vinyl tube Ø7				JIG:		Insertion jig with flip cover     Terminal cover jig			
NO	<b>)</b> .	PROCESS NAME WORK			WORK	PROCEDURE/ ILLUSTRATION					TOOLS/PPE		QUALITY POI	NTERS		
1		n/a	Table Lay-out	Con	Locking	Table Lay-out  Black vinyl tube  \$\phi \text{L=213±3mm}\$  Y wire L=326±2mm  OR wire L=32	26±2mm	onnector 618 Connect	To the state of th	/ p dui	Be sure to wear prescribed persona rotective equipme ring operation (glov finger cots, etc.)  Housekeeping Maintain and alwa practice 5's. Personal things on orkplace is prohibite eep it in your locke and the proper any trouble, inform e Assembly Assista Supervisor or Line eader for immediat corrective action.	wint wes, i wint wes, i with a led. i	Refer to WI-PRO and Strip Length ssing parts/tools sess parts/tools	Tolerance		
1		01		- 71 0050 7005	Revision History	- (040040 0000) t- 4 -b:- (7N0004					Prepared by	Reviewed by	Approved by	Noted by		
01/15/22	2	7060); C	hange wire color from Gray (GR) int in checking of Pull-push-pull-	to Green (G) (	Refer to CL-ENG-PDE-020; WI-E	o (61C619-0002) to 1 chip (7N0994- NG-PDE-139A). Additional kitting Assembly Process to Offline	M. Catapang	J. Loterte	C. Villanueva	A. Arañes						
10/22/21	1	PDE-139	OC). Improve work procedure and		due to additional of clamp (82711 dditional table lay-out, checkpoint		M. Catapang	J. Loterte	C. Villanueva	A. Arañes	Almoutage	Show	<u> </u>	And		
07/17/21	0	Initial iss	ue		. 11 . 601		J. Loterte	C. Villanueva	A. Shimamura	A. Arañes	M. Catapang	J. Loterte	C. Villanueva	/ A. Arames		
Eff. Date	Rev. No	l		D	etails of Change		Revised	Reviewed	Approved	Noted	Est. Date:	July 17, 2021				

		WORK INSTRU	JCTION .		Effectivity Date:			January 1	5, 2022	
	Process Name/Title:	OFFL	Validity Date:		n/a					
	Model Code/Part Number:	320B / ½ 7L0053-7025	Customer:	TRQSS	Document No.:		WI-ENG-PDE-306			
	Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:		2	Page No.:	2 of 6	
	-									
PARTS: 1. Co	onnector 6189-0451 (W)					JIG	1. Insertio	on jig with s	witch cover	
NO.	PROCESS NAME	WORK PRO	CEDURE/ ILLUSTRATION	ON	TOOLS/F	QUALITY POINTERS				
2 n/s	Connector setting to insertion jig 6189-0451 (W)	releas	Switch cover  OR-wire  I-Mark  Lock  INSERTIO ORIENTA  Pert the connector 6189-0451 (W) The the lock using left thumb.  Follow the connector orientation  3. Push the guide usin hand. The slot for Yel	Release into jig using right hand then n.	n/a		I-mark aligr I-marl NOT al  1. Use th 2. No wro 3. No wro	Illustra k is n k is ne provided ji	1 hole is open  1 hole is open  ig per model ion of connector connector	

				WORK INSTRU	CTION		Effectivity Date:		T	January 1	5, 2022		
		Process Name/Title:		Validity Date:			n/a						
		Model Code/Part Number:	320B / 💪	7L0053-7025	Customer:	TRQSS	Document No.:		WI-ENG-PDE-306				
		Purpose:	☐ PROTOTYPI	E	PRE-LAUNCH	MASSPRO	Revision No.:		2	Page No.:	3 of 6		
PARTS:	1. AVS	SSf 0.3 wires Y L=326±2mm;	OR L=326±2mm					JIG	1. Insert	tion jig w/swite	ch cover		
NO.	ı	PROCESS NAME		WORK PROC	EDURE/ ILLUSTR	RATION	TOOLS	PPE	QUALITY POINTERS				
3	n/a	Wire Insertion to Connector 6189-0451 (W)	1. Hold the insertion hand, get Yellow wir to connector slot 1 us hand.  L  3. Hold the insertion hand, get Oran	e and insert	and then hold the	Orange wire  2. Press the button using righ thumb, slot for Orange wire will be opened.  R  push the lock using left thumb er wires and gently pull out the gusing right hand.	t n/a	2	Note: for W. Tolera  1. No loa 2. No wr 3. One b 4. No de 5. No wr  Make su Conduct insertion Do not e	ose insertion rong insertion by one insertion form terminal rong wire facilities wires are part Pull-Push-Push.	properly inserted.  PRO-CNC-017 Length  on Ing  oroperly inserted.  orull-Push after  ce.		

				W	ORK INSTRUCT	ION	٨		Effectivity Date:			January '	5, 2022		
		Process Name/Title:	OFFLINE ASSEMBLY 2						Validity Date:		n/a				
		Model Code/Part Number:	320B	/ 🛕 7L	_0053-7025	Custome	r:	TRQSS	Document No.:		WI-ENG-PDE-306				
		Purpose:	PF	ROTOTYPE		PRE-LAUN	ICH	MASSPRO	Revision No.:		2	Page No.:	4 of 6		
PARTS:		1. Assy parts 2. Black Vinyl tube Ø7 L=57±3mm		3. Black Vinyl tube Ø7 L=213±3mm						JIG	Locking jig     Terminal cover jig				
NO.	NO. PROCESS NAME				WORK PROCEDURE/ ILLUSTRATION						Q	JALITY F	POINTERS		
4		Connector lock		n press <mark>2x.</mark> Too	to locking jig using right uch the connector lock if		Before pressing Check the dou	After pressing ble lock deformation  NG	LOCKING .	IIG	NOTE: MANUAL LOCKING MAY CAUSE DAMAGED CONNECTOR LOCK  1. Use the provided locking jig per model 2. No unlock/half-lock connector				
5	P1	Wire insertion to Black vinyl tube Ø7 L=57±3mm Ø7 L=213±3mm		n insert the Y-C	R  R  L=57±3mm using right OR wires using left hand.	using rig	d then insert the Y	T L=213±3mm using right OR wires using left hand.	TERMINAL CO	VER JIG		rong usage o amaged rubb			

WORK INSTRUCTION							Effectivity Date:					January 15, 2022				
		Process Name/Title:	OFFLINE ASSEMBLY 2							Validity Date:			n/a			
		Model Code/Part Number:	320B	/ 🛕 7L0053-7025	5	Customer:	TR	QSS	Document No.:			WI-ENG-F	PDE-306			
		Purpose:	PF	ROTOTYPE		PRE-LAUNCH		MASSPRO	Revision No.:		2	Page No.:	5 of 6			
	1															
PARTS:	1. Conn	ector 6188-0066 (GR)								JIG 1. Insertion jig						
NO.	Р	ROCESS NAME		WORK PRO	CEI	DURE/ ILLUS	TRATION		TOOLS	TOOLS/PPE			QUALITY POINTERS			
6	n/a	Connector setting to insertion jig 6188-0066 (GR)	Wire guide  Wire g	Holes  Press  ock of insertion jig amb.	n relea	the connector 6188-ase the lock.		using right	n/a		I-ma is ali	rk gn  ark is align  provided jig prong usage of	1 hole is open  2 holes are open  er model f parts on of connector			

				WORK INSTRUC	CTION	۸	Effectivity Date:			January 1	5, 2022
		Process Name/Title:		OFFLI	NE ASSEMBLY/	Validity Date:	n/a				
		Model Code/Part Number:	320B	/ 🛕 7L0053-7025	Customer:	TRQSS	Document No.:			WI-ENG-P	DE-306
		Purpose:	☐ PF	ОТОТҮРЕ [	PRE-LAUNCH	MASSPRO	Revision No.:		2	Page No.:	6 of 6
PARTS:	1. Assy	parts						JIG	1. Inser	rtion jig	
NO.	. PROCESS NAME WORK PROCEDURE/ ILLUSTRATI				TION	TOOLS/	PPE	QUALITY POINTERS			
7	n/a	Wire Insertion to Connector 6188-0066 (GR)	hand. Ge Yellow w using righ	ne insertion jig using left at the assy parts, insert the lire to connector slot 1	WIRE FACIO	2. Press the button using right thumb, slot for Orange 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	4	1. No ld 2. No w 3. One 4. No d 5. No w Make s Conduc insertio Do not	ot <b>Pull-Push-F</b> in. exert extra forc	on I I I I I I I I I I I I I I I I I I I