			· ·	Effe	ctivity Date:		May 04, 2021							
		Process Name/Title:		TAPING ASSEMBLY PROCESS								n/a		
		Product Name/Code:	011B / 7M05	12-7020D	Customer:	TRJ			Doc	ument No.:		WI-ENG-PDE-1	34A	
		Purpose:	PROTOTYPE		PRE-LAUNCH	MASSPRO			Revi	sion No.:	3	Page No.:	1 of 10	
PARTS:	1. Con	nector 6188-0066 (GR)								JIG:	1. Insertion	1. Insertion jig		
NO.	Р	ROCESS NAME		WORK PROCEDURE/ ILLUSTRATION							(QUALITY POIN	ITERS	
1	P1	Connector setting to insertion jig 6188-0066 (GR)	INSERTION J	Visua	al reference ock button iide lock Release	2. Insert the connect (GR) into jig using rig release the lock. 3. Push the guid hand. The slot fo opened.	1. Pre insert left the ss	1	f 1 2. w	FOOLS/PPE Safety Instructio Be sure to wear prescribed personal rotective equipmering operation (glor finger cots, etc.) Housekeeping Maintain and alwar practice 5's. Personal things on orkplace is prohibit (eep it in your locked) Alert level or any trouble, inforce Assembly Assista Supervisor or Line eader for immediat corrective action.	In Coal I I I I I I I I I I I I I I I I I I I	onnector Oriential Illustration align GOOD	1 hole is open 2 holes are open del	
				rision History						Prepared by	Reviewed by	Approved by	Noted by	
05/04/21 3 10/22/20 2 03/06/18 n/a	Change	I of validity date. Apply some in effectivity and validity date. Re ly established as Engineering II		l issue.		M. Catapang F	. Villanueva A R. Peñaloza A . Alcantara	A. Shimamura A. Shimamura A. Arañes	A. Arañes A. Arañes n/a	M. Catapang	C. Villanueva	A. Shimamura	A. Arañes	
Eff. Date Rev. No			Details of Change			Revised	Checked	Approved	Noted	Est. Date:	July 16, 2018			

			WORK INSTRUCTION									
		Process Name/Title:	re/Title: TAPING ASSEMBLY PROCESS									
		Product Name/Code:	011B	1	7M0512-7020D	Customer:	TRJ	Document No.:				
		Purpose:	☐ PF	ROTOTY	PE	PRE-LAUNCH	MASSPRO	Revision No.:				
	_											

Page No.: 2 of 10 PARTS: 1. Pre-assembled parts from Kitting: Connector 6189-0249 (GR); AVSSf 0.3 Y-OR L=387±2mm; Black COT (no slit) Φ7 L=113±3mm, Φ7 L=211±3mm) JIG 1. Insertion jig PROCESS NAME TOOLS/PPE **QUALITY POINTERS** NO. **WORK PROCEDURE/ ILLUSTRATION** Wire facing 1. No loose insertion 1. Get the Y wire then insert to terminal slot 1 2. After insertion of Y wire press the button using Wire insertion to 2. No wrong insertion using right hand. right hand. The slot for **OR wire** will be opened. 2 P1 connector n/a 3. One by one insertion 6188-0066 (GR) 4. No deformed 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. 4. After insertion, push the lock using left 3. Get the OR wire then insert to terminal slot thumb and then hold the wires and gently pull 2 using right hand. out the connector from jig using right hand. Set aside the assy parts.

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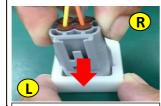
May 04, 2021 n/a WI-ENG-PDE-134A

				WORK INSTRUC	TION		Effectivity Date	:	May 04	, 2021
		Process Name/Title:		TAPING ASS	EMBLY PR	OCESS	Validity Date:		n/a	ı
		Product Name/Code:	011B / 7	7M0512-7020D	Customer:	TRJ	Document No.:		WI-ENG-PI	DE-134A
		Purpose:	☐ PROTOTYPE ☐ PRE-LAUNCH ☐ MASSPRO Revision No						3 Page No.:	3 of 10
PARTS:	2. AVSS	1. Assy parts 2. AVSSf 0.3 MRSW CP 7M0365-M040 GR-B/W L=830±3mm PROCESS NAME WORK PROCEDURE/ ILLUSTRATION TO					TOOLS	JIG /PPE	Terminal cover jig QUALITY P	
3	P1	Wire insertion to assy parts	€ 1	φ7 L=113±3mr 3. After insertion, reusing right hand.	R 2. H han righ	et the terminal cover jig using right d then insert to both terminals (GR-/wires) using right hand. Old the COT \$\phi\$ L=211±3mm using left d then insert the GR-B/W wires using t hand.	TERMINAL CO		No wrong usage of No damaged rubbe	

			WORK IN	NSTRUCTION		Effectivity Date:		May 04, 2021		
		Process Name/Title:	TAPI	NG ASSEMBLY PRO	OCESS	Validity Date:		n/a	1	
		Product Name/Code:	011B / 7M0512-	7020D Customer:	TRJ	Document No.:		WI-ENG-P	DE-134A	
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:		3 Page No.:	4 of 10	
						•	I			
PARTS:	1. Assy	parts					JIG	1. Insertion jig		
NO.	NO. PROCESS NAME WORK PROCEDURE/ IL				FRATION	TOOLS/	PPE	QUALITY P	OINTERS	
4	P1	Connector setting to insertion jig (Assy parts) 6188-0066 (GR)	Lock Lock Lock Press 2. Press the lock of insertion jig using left thumb.		CONNECTOR ORIENTATION 1. Push the guide lock using left thumb. The holes for GR wire will be opened. R R Release 5188-0066 (GR) into jig using right ck.	n/a		I-mark is align I-mark is not align 1. Use the provided ji 2. No wrong orientatic 3. No wrong use of co 4. No damaged connections	2 holes are open 2 per model on of connector onnector	

NR	Process Name/Title: Product Name/Code:	WORK TAF	Effectivity Date: Validity Date: Document No.:		May 04, 2021 n/a WI-ENG-PDE-134A		
	Purpose:	011B / 7M0512 ☐ PROTOTYPE	2-7020D Customer: PRE-LAUNCH	TRJ MASSPRO	Revision No.:		3 Page No.: 5 of 10
PARTS:	Assy parts					JIG	Insertion jig Locking jig
NO.	PROCESS NAME	WOR	TOOLS/	PPE	QUALITY POINTERS		
5	Wire insertion to connector 6188-0066 (GR)	1. Hold the GR wire then insert to terminal slot ① using right hand.	Wire facing 2. After insertion of GR wire press the button using right hand. The slot for B/W wire will be opened. 4. After insertion, push the lock using thumb and then hold the wires and g out the connector from jig using right	ently pull	n/a		1. No loose insertion 2. No wrong insertion 3. One by one insertion 4. No deformed 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.

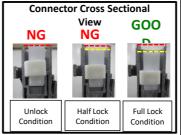
6 Connector Lock



Put the connector into locking jig then press 2x using right hand. Check if properly locked.



Before pressing After pressing



LOCKING JIG

NOTE: MANUAL LOCKING MAY CAUSE DAMAGED LOCK.

- 1. Use the provided jig per model
- 2. No half-lock/unlock connector

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		WORK INSTRUCTION		Effectivity Date:	May 04, 2021
	Process Name/Title:	TAPING ASSE	MBLY PROCESS	Validity Date:	n/a
	Product Name/Code:	011B / 7M0512-7020D ©	customer: TRJ	Document No.:	WI-ENG-PDE-134A
	Purpose:	☐ PROTOTYPE ☐ PF	RE-LAUNCH MASSPRO	Revision No.:	3 Page No.: 6 of 10
PARTS:	1. Assy parts 2. Black Corrugated tube (no slit)		. Black tape . AVSSf 0.3 B L=667±3mm [2pcs.]	JIG	n/a
NO.	PROCESS NAME	WORK PROCEDU	TOOLS/PPE	QUALITY POINTERS	
7	Taping 1 Black Corrugated tube to wire near connector	Start of taping 1. Hold the corrugated tube using left hand and start taping using right hand. 1. Hold the corrugated tube using left hand and start taping using right hand.	2. Measure from end of the corrugated tube up to the edge of connector 30mm and then continue the taping process. Note: Refer to WI-PRO-ASY-001 for taping procedure. Note: 0 - 5mm → End tape up to coupler (includes rubber seal) 3. After taping, check the tape condition & measurement. Then set aside the assy parts.		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 use of tape 6. No wrong dimension
8	Wire insertion to Black corrugated tube (no slit) ø5 L=59±3mm	L R	1. Get the corrugated tube ø5 L=59±3mm using left hand then insert the Black wires (n=2) wires using right hand.	n/a	1. No wrong use of parts

	Process Name/T	WORK tle: TAF	Effectivity Date: Validity Date:	Effectivity Date: Validity Date:			May 04, 2021 n/a					
	Product Name/C		2-7020D Customer:	TRJ	Document No.:				WI-ENG-PDE-134A			
	Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:		3	Page No.:	7 of 10			
PARTS:	1. Connector 6098-3810	W)				JIG	1. Insert	tion jig				
NO.	PROCESS NAM	IE WOR	WORK PROCEDURE/ ILLUSTRATION						QUALITY POINTERS			
		INSERTION JIG	Holes Lock I-MARK Insertion jig orien	Holes CONNECTO ORIENTATIO			I-m: al	nnector Or Illustrat				

2. Insert the connector 6098-3810 (W) into jig using right hand and

3. Check the holes/terminal slot for B/B

release the lock.

wires.

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insertion jig 6098-3810 (W)

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1. Press the lock of insertion jig using left thumb.

Use the provided jig per model
 No wrong orientation of connector
 No wrong use of connector

4. No damaged connector

n/a

			WORK INSTRUCTION TAPING ASSEMBLY PROCESS							e:	May 04, 2021 n/a			
		Process Name/Title:		Validity Date:										
		Product Name/Code:	011B	1	7M0512-7020D	Custom	ier:	TRJ	Document No.	:		WI-ENG-P	DE-134A	
	Purpose:		☐ P	ROTOTYP	PE	PRE-LAU	JNCH	MASSPRO	Revision No.:		3	Page No.:	8 of 10	
	T								·					
PARTS: 1. Assy parts										JIG	1. Insert 2. Locki			
NO. PROCESS NAME		ROCESS NAME	WORK PROCEDURE/ ILLUSTRATION						TOOLS	3/PPE	QUALITY POINTERS			
10	P1	Wire insertion to connector 6098-3810 (W)	terminal	slot 1 of c	R Black k wire then insert to connector using right hand. ust be from left to right.	3. After then ho	terminal slot 2 of c		n/a	à	2. No wi 3. One k 4. No de 5. No wi Note: inserte Condu inserti	ed. uct <u>Pull-Push-F</u>	n ion al ing ires are properly Pull-Push after	
11		Connector Lock	lock to con	2x using Ifirm if pro	r into locking jig using both haboth hands. Touch the conneceptly locked. Y-017 for the verification of lie	ands ctor	GOOI Fully Lock	NG	LOCKIN	IG JIG	LOCK 1. Use to	SE DAMAGED (the provided j	OCKING MAY O CONNECTOR ig per model ockedconnector	

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