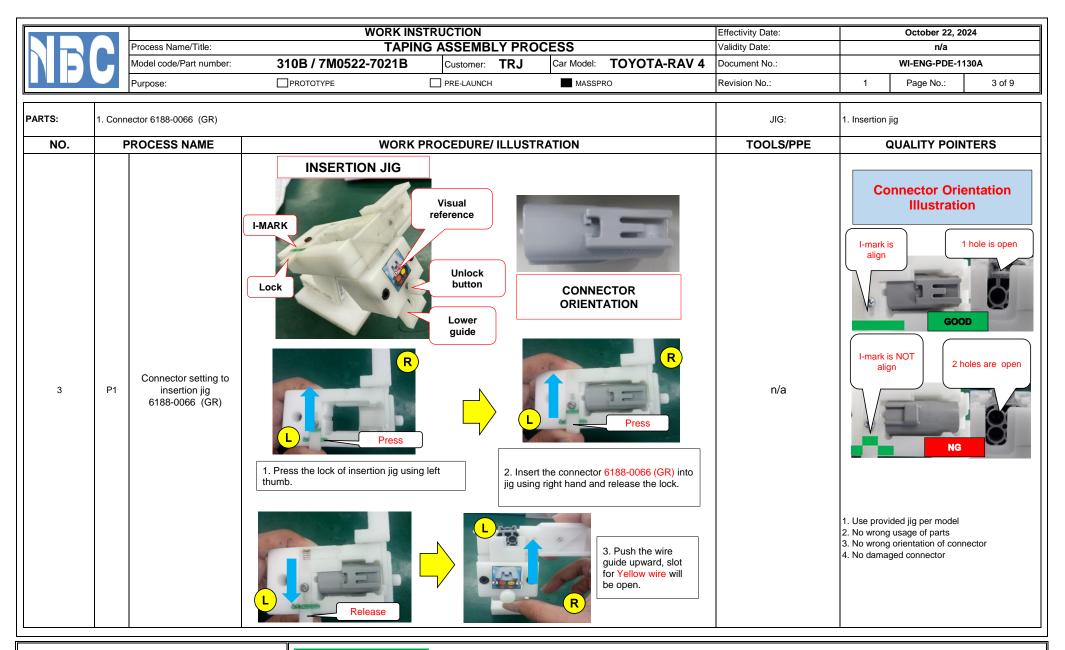
Pacces Name Tale: TAPING ASSEMBLY PROCESS Medial code/form number: 310B 17 M0522-7021B Casioner: TRJ Oar Media! Propose: Propose: Propose: Propose: PROCESS NAME Victory park. Commended 1886 0008 (985); TYSST 0.3 G wires L-010 1-30mm; TOSG 0.3 BW vicines L-010 1-30mm; Black Corrugated state (No. 5th) 0.5 NO. PROCESS NAME WORN PROCESS NAME WORN PROCESS NAME Table Lay-out Black SV tube (Vinyl) Table Lay-out Table Lay-out Black SV tube (Vinyl) Table Lay-out Black SV				WORK INSTRUCTION						ectivity Date:		October 22, 2024		
Purpose: PROTOTYPE PRE LAMON No. PROCESS NAME PROTOTYPE PROCESS NAME PROCESS NAME PROCESS NAME Work project Process				Process Name/Title:			CESS			idity Date:		n/a		
PARTS: 1-Assy parts; Connector 6188-0066 (GR); TVSSf1.0.3 G. wares La8014.5mm; TVSSf1.0.3 EW wires La9014.5mm; Black Corrugated tube (No sit) (95 JiG; La6deng jig				Model code/Part number:	310B / 7M0522-7021B	Customer: TRJ	Car Model:	TOYOTA-RA	V 4 Do	cument No.:		WI-ENG-PDE-1	130A	
PARTS: L-May parts: Confined to the lay-out level (1-35) at white leady 1-34 mile (1-35) at wh				Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPE	RO	Re	vision No.:	1	Page No.:	1 of 9	
Table Lay-out Black SV tube (Vinyl) OT L=213±3mm Document reference/s: Revision High Connector \$188-0868 (GR) Connecto			L=436±	4mm; Black tape; Black SV	tube (Vinyl) Ø7 L=57±3mm; Black Sv tube	e (Vinyl) Ø7 L=213±3mm		ed tube (No slit) Ø5			Locking jTerminal	g cover jig		
Black SV tube (Vinyl) 87 L-213:3mm Document reference/s: 1. Relate to WH-PRO-CNC-017 for Wire and Sing Length Tolerance 2. Refer to WH-PRO-PDE-402 for Offline assembly process 1. No missing partshools tube (No siti) 95 L-436:4mm For any trouble, inform the workplace is problemed. Supervisor of Line Le801:3mm Le801:3mm For any trouble, inform the workplace is problemed. Supervisor or Line Le801:3mm Le8	N	0.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUSTR	RATION			TOOLS/PPE	•	QUALITY POIN	ITERS	
10/22/24 1 Change from Pre-launch to Masspro. A. C. Hernandez Villanueva A. Arañes n/a No. A. Arañes n/a A. Hernandez Villanueva A. Arañes n/a A. Hernandez Villanueva A. Arañes n/a	1		P1	Table lay-out	Black Corrugated tube (No slit) Ø5 L=436±4mm	Black SV tube (Vinyl) L=57±3mm Insertion jig C	Ø7 Assy	TVSSf 0.3 B/W win L=801±3mm TVSSf 0.3 G wires L=801±3mm Black T Tape Ho	es ape / blder	Be sure to wear prescribed personal protective equipment during operation (gloves, finger cotsetc.) Housekeeping 1. Maintain and alway practice 5's. 2. Personal things of the workplace is prohibited. Keep it in your locker. Alert level For any trouble, infor the Assembly Assista Supervisor or Line Leader for immediate.	Docume 1. Refer t Strip Leng 2. Refer t assembly ys 1. No missin 2. No exces n	o WI-PRO-CNC-0 gth Tolerance o WI-ENG-PDE-4 process	017 for Wire and	
10/22/24 1 Change from Pre-launch to Masspro. Hernandez Villanueva A. Arañes n/a A. C. Hernandez Villanueva Villanueva A. Arañes n/a A. Arañes n/a A. Hernandez Villanueva A. Arañes n/a A. Hernandez Villanueva A. Arañes n/a A. Hernandez Villanueva A. Arañes n/a		1			Revision History					Prepared by	Reviewed by	Approved by	Noted by	
10/22/24 1 Change from Pre-launch to Masspro. Hernandez Villanueva A. Arañes n/a A. C. Hernandez Villanueva Villanueva A. Arañes n/a A. Arañes n/a A. Hernandez Villanueva A. Arañes n/a A. Hernandez Villanueva A. Arañes n/a A. Hernandez Villanueva A. Arañes n/a														
10/22/24 1 Change from Pre-launch to Masspro. Hernandez Villanueva A. Arañes n/a A. C. Hernandez Villanueva Villanueva A. Arañes n/a A. Arañes n/a A. Hernandez Villanueva A. Arañes n/a A. Hernandez Villanueva A. Arañes n/a A. Hernandez Villanueva A. Arañes n/a										_				
							Hernandez A.	Villanueva A. Araños		- Ohmonder	b/out) form		n/o	
1 Horizon Apploton Horizon Hor					Details of Change				Noted			A. ALZINES	n/a	
			1		Solaid C. Shango				. 10100	1200 2000.				

			WORK IN	WORK INSTRUCTION				Effectivity Date:	October 22, 2024		
		Process Name/Title:		NG ASSEMBL	Y PROCI	ESS		Validity Date:		n/a	
		Model code/Part number:	310B / 7M0522-7021B	Customer:	TRJ	Car Model:	TOYOTA-RAV 4	Document No.:		WI-ENG-PDE-11	30A
		Purpose:	PROTOTYPE	PRE-LAUNCH		MASSPR	RO	Revision No.:	1	Page No.:	2 of 9
PARTS:	1. Assy 2. Black	part SV tube (Vinyl) Ø7 L=57±3m	m	3. Black SV tube (Vinyl) Ø7 L=213±3mm					Terminal cover jig		
NO.	F	PROCESS NAME	WORK	PROCEDURE/ I	ILLUSTRA	TION		TOOLS/PPE	QUALITY POINTERS		
2	P1	Wire Insertion to Black SV tube (VinyI) Ø7 L=57±3mm and Black SV tube (VinyI) Ø7 L=213±3mm	1. Hold the wires using left haput on terminal cover jigs for wires (Y and OR) using right I	nd, poth and. It to the terminal cover the terminal cover	the 1st SV to then insert the tube (Vinyl) the wires usi	ube (Vinyl) Ø he wires, get	mm and insert	COVER JIG	2. No deform	guse of parts ned terminal ge rubber seal	



			WORK INS	TRUCTION			Effectivity Date:	October 22, 2024			
		Process Name/Title:	TAPIN	G ASSEMBLY PR	OCESS		Validity Date:		n/a		
		Model code/Part number:	310B / 7M0522-7021B	Customer: TRJ	Car Model:	TOYOTA-RAV 4	Document No.:		WI-ENG-PDE-11	30A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPR	RO	Revision No.:	1	Page No.:	4 of 9	
PARTS:	1. Assy						JIG:	1. Insertion jig			
NO.	F	PROCESS NAME	WORK F	PROCEDURE/ ILLUS	TRATION		TOOLS/PPE	(QUALITY POIN	ITERS	
4	P1	Wire Insertion to Connector 6188-0066 (GR)	1. Hold the insertion jig using left has get Yellow wire using right hand and insert to connector. Orange Orange Orange wire using right hand and insert to connector.	and, d 2 s	slowly remove the		n/a	1. Insert right. 2. Make inserted Conductinsertion Do not 6 Docume 1. Refer in Push pro 1. No loose 2. No wrong 3. One by 04. No deform	t Pull-Push-Pun. exert extra force. ent reference/sto GL-PRO-ASY cedure.	be from left to properly Ill-Push after	

			WORK INSTRUCTION							October 22, 2024		
		Process Name/Title:	TAPI	NG ASSEMBL	LY PROC	ESS		Validity Date:		n/a		
		Model code/Part number:	310B / 7M0522-7021B	Customer:	TRJ	Car Model:	TOYOTA-RAV 4	Document No.:		WI-ENG-PDE-11	30A	
		Purpose:	PROTOTYPE	PRE-LAUNCH		MASSPE	80	Revision No.:	1	Page No.:	5 of 9	
PARTS:	1. Assy 2. Black	Parts tape						JIG:	n/a			
NO.	F	PROCESS NAME	WORK	PROCEDURE/	ILLUSTRA	ATION		TOOLS/PPE	QUALITY POINTERS			
5	P1	Taping 1 Vinyl tube to wire near Connector	25 ± 3mm 1. Hold the assy parts and measure Vinyl tube to connector 25mm using Note: 0 -5mm →End tape up to connector (3. After taping, check to	includes rubber sea	ape using right al) 25 ± 3mm 0~5r	nm	g left hand, get Black begin taping process.		5. No wron 6. No miss Importa 1. Pleas measur measur Docume 1. Refer	off tape e tape g dimension g use of tape ing tape ant reminders and the use calibrated ing tape when ge	verified etting the	

			WORK INS		Effectivity Date:	October 22, 2024				
		Process Name/Title:	TAPIN	IG ASSEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	310B / 7M0522-7021B	Customer: TRJ	Car Model:	TOYOTA-RAV 4	Document No.:		WI-ENG-PDE-113	0A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO)	Revision No.:	1	Page No.:	6 of 9
PARTS:	1. Assy							JIG: 1.Insertion jig with switch cover		
NO.	F	ROCESS NAME	WORK F	TOOLS/PPE	QUALITY POINTERS					
6	P1	Connector setting to insertion jig 6188-0066 (GR) (Assy parts)	Insertion jig Visual reference Button Wire guide 1. Press the lock of insertion jig usin thumb.	Terminal slot Lock R 2. Insertinto jig to lock. R	rt the connector of using right hand 3. Flip upwar inserti Pushar upwar upwar	o the assy parts rd to make way for ion using left hand, the wire guide rd using right hand, or Green wire will		I-mark is align I-mark is align 1. Use provice 2. No wrong 3. No wrong	GOOD	le is open

			WORK IN:		Effectivity Date:	October 22, 2024				
		Process Name/Title:		NG ASSEMBLY PRO			Validity Date:	n/a		
		Model code/Part number:	310B / 7M0522-7021B	Customer: TRJ	Car Model: TOYOTA-	-RAV 4	Document No.:		WI-ENG-PDE-113	,0A
		Purpose:	PROTOTYPE	☐ PRE-LAUNCH	MASSPRO		Revision No.:	1	Page No.:	7 of 9
PARTS:		Sf 0.3 G wire L=801±3mm Sf 0.3 B/W wire L=801±3mm					JIG:	1.Insertion ji	ig with switch cover	
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUSTE	RATION		TOOLS/PPE	C	QUALITY POINT	ERS
7	P1	Wire Insertion to connector 6188-0066 (GR)	using left hand. Get the Green wire and insert to connector	WIRE F R Press 2. Press the button after insertion. Slot for Black/White wire will be open.	L		n/a	Inserting right. Make inserted. Conductinsertion Do not e Docume	exert extra force. ent reference/s to GL-PRO-ASY ocedure. insertion ne insertion med terminal	oe from left to operly II-Push after
8		Wire insertion to Vinyl tube with assy parts	1. Hold the assy parts upward using le Insert the Green and Black/White wire tube (Vinyl) using right hand.	hand a jig usii	ss the insertion jig lock using land slowly remove the harnesing right hand.	R left ss from	n/a	1. No wrong 2. No deform	use of parts ned terminal	

			WORK INS		Effectivity Date: October 22, 2024						
		Process Name/Title:		IG ASSEMBLY PRO	CESS		Validity Date:		n/a		
		Model code/Part number:	310B / 7M0522-7021B	Customer: TRJ	Car Model:	TOYOTA-RAV 4	Document No.:		WI-ENG-PDE-113	0A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPE	RO	Revision No.:	1	Page No.:	8 of 9	
PARTS:	1. Assy 2. Black	Parts Corrugated tube (No slit) Ø	5 L=436±4mm		JIG:	Locking jig Terminal cover jig					
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUSTF	RATION		TOOLS/PPE	QUALITY POINTERS			
9	P1	Connector Lock	Before After Pressing		e connector lo	ck to confirm if	LOCKING JIG	1. Manu damage 1. No unlock	ant reminders/Note al locking may cau id lock k/half-locked connect ge connector	se	
10		Wire Insertion to Corrugated tube Ø5 L=436±4mm	using right hand then insert to L=4	Get the corrugated tube Ø5 136±4mm using right hand arent to wires.	R 3. Remo jig after i	R eve the terminal cover insertion.	TERMINAL COVER JIG		use of parts ned terminal		

			Effectivity Date:	October 22, 2024					
		Process Name/Title:	TAPIN	Validity Date:	n/a				
		Model code/Part number:	310B / 7M0522-7021B	Customer: TRJ	Car Model: TOYOTA-RAV 4	Document No.:		WI-ENG-PDE-11	130A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	9 of 9
						1		,	
PARTS:	1. Assy	parts				JIG:	n/a		

VISUAL INSPECTION/ QUALITY CHECKPOINTS

P1

7M0522-7021B





- 1 No Unlocked/ Half-locked Connector
- 3 No Terminal Backing Out

- 2 No Wrong Insert
- (4) No Missing Tape (Black Tape)

5 No Deformed Term

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