			WORK IN	STRUCTION			Effectivity Date:	February 28, 2024			
		Process Name/Title:	TAPIN	NG ASSEMBLY PRO	CESS		Validity Date:	n/a			
		Model code/Part number:	310D/ 7N0194-7020	Customer: TRJ	Car Model:	TOYOTA RAV4	Document No.:	WI-ENG-PDE-752B			
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	0	Revision No.:	0 Page No.: 1 of 8			
PARTS:	1		ube ø5 L=137±3mm (no slit); Blue tape	JIG:	Assembly jig     Terminal cover jig						
NO.		PROCESS NAME	WORK	PROCEDURE/ ILLUST	RATION		TOOLS/PPE	PPE QUALITY POINTERS			
1		P2 Table Lay-out		AZE STATE	Black Corrugated L=137±3mm (r	d tube ø5 no slit)	Safety Instruction  Be sure to wear prescribed personal protective equipment during operation (gloves, finger cots, etc.)  Housekeeping  1. Maintain and always practice 5's. 2. Personal things on the workplace is prohibited. Keep it in your locker.  Alert level For any trouble, inform the Assembly Assistant Supervisor or Line Leader for immediate corrective action.	Document reference/s:  1. Refer to WI-PRO-CNC-017 for Wire and Strip Length Tolerance.  1. No missing parts/tools 2. No excess parts/tools			
			Revision History				Prepared by F	Reviewed by Approved by Noted by			
02/28/24	0 In	nitial issue.			D.Castillo V.	C. A. Arañes	n/a D. Castillo	Japan Jan			
Eff. Date Rev			Details of Change		VI	illanueva		. Villanueva A.			

WORK INSTRUCTION Effectivity Date: Fe											
		Process Name/Title:		G ASSEMBLY F			Validity Date:		n/a		
		Model code/Part number:	310D/ 7N0194-7020	Customer: TR	Car Model:	TOYOTA RAV4	Document No.:		WI-ENG-PDE-7	52B	
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PARTS:	2. Black corrugated tube Ø5 L=13/±3mm (no Slit)										
NO.	F	PROCESS NAME WORK PROCEDURE/ ILLUSTRATION						(	QUALITY POIN	TERS	
				1. Ge and ir	ot the terminal cover ji nsert wires using left	ig using right hand hand.					
2	P2	Wire insertion to Black corrugated tube ø5 L=137±3mm (no slit)	R	L=13	et the Black Corrugate  17±3mm (no slit) usir  t to wires.	TERMINAL COVER JIG	No wrong usage of parts     No deformed terminal				
					er insertion, remove tl ng right hand.	he terminal cover					

			WORK II	Effectivity Date: February 28, 2024							
		Process Name/Title:		Validity Date:		n/a					
		Model code/Part number:	310D/ 7N0194-7020	Customer: TRJ	Car Model:	TOYOTA RAV4	Document No.:		WI-ENG-PDE-75	52B	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	)	Revision No.:	0	Page No.:	3 of 8	
PARTS:	1. Assy 2. Blue			JIG:	n/a	n/a					
NO.	F	PROCESS NAME	WOR	K PROCEDURE/ ILLU:	STRATION		TOOLS/PPE	(	QUALITY POINTERS		
3	P2	Y-Taping	1. Fix the COT and SV tube (gap in between.  Pre-taping  R  3. Get the tape and fix the COT and SV tube (Vinyl) to COT. Make 1 wind pre-taping before shifting.	4. Make 1 shifting to the 2x.	2. Measurement corrugated tube Must be 40±3mr  L  L  L  L  L  L  L  L  L  L  L  L  L	from end of up to terminal tip.  0±3mm  R  nen wind the tape		Importa 1. Please tape when 2. Use YE the tape s BLUE TA	out tape -off tape ng use of tape ng dimension interval between to seed wire  ant reminders/N use calibrated/ver n getting the meas  ELLOW tape to ea shifting. But actual NPE.  ment references to WI-PRO-ASY-0	lote/s: rified measuring urement. sily visualize should be	

			WORK IN	Effectivity Date:	February 28, 2024					
		Process Name/Title:	TAPII	NG ASSEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	310D/ 7N0194-7020	Customer: TRJ	Car Model:	<b>TOYOTA RAV4</b>	Document No.:		WI-ENG-PDE-7	52B
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPE	RO	Revision No.:	0	Page No.:	4 of 8
PARTS:	1. Assy 2. Blue						JIG:	n/a		
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUST	RATION		TOOLS/PPE	QUALITY POINTERS		
3	P2	Y-Taping (Continuation)	6. Make 1/2 shifting to the left until to  1/2 shifting  7. Make 1/2 shifting to the right until to	ape width then wind the tape  tape width on COT. Wind the  20±3mm  200  ent from corrugated tube up	1/2 shifting the tape 2x then co	20±3mm  ut the tape.	MEASURING TAPE 6789 1123456789	1. Pleas tape who 2. Use Y the tape BLUE T.  Docum 1. Refer process 1. No loos 2. No flip-1 3. No peel 4. No wrol 5. No wrol	nent references to WI-PRO-ASY-0 te tape out tape I-off tape ing use of tape ing dimension e interval between	erified measuring surement.  asily visualize I should be

WORK INSTRUCTION Effectivity Date: February										
		Process Name/Title:	TAPIN	TAPING ASSEMBLY PROCESS			n/a			
		Model code/Part number:	310D/ 7N0194-7020	Customer: TRJ	Car Model: TOYOTA RAV4	Document No.:		WI-ENG-PDE-75	52B	
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PARTS: 1. Assy par						JIG:	n/a			
NO.	F	PROCESS NAME	WORK P	PROCEDURE/ ILLUSTR	RATION	TOOLS/PPE	(	QUALITY POIN	TERS	
4	P2	Assembly jig	Connector setting  Checker 1  Switch button  1. Get the assy parts then set into jig (Si (G) to Checker 1 then pull the checker fi 5668 (W) to Checker 2 then pull the che stopper jig then pull the toggle clamp us  2. Check in the counter if Wire 1 and W ON. If encountered abnormality, STOP a immediately CALL the attention of the lefor further instruction then continue the properties.  3. If the Color sensor is ON. Press the GO buzzer will be heard.	icture for continuity checking cker ficture for continuity ching both hands.  ire 2 was and eader. WAIT process.	Color sensor  Color sensor  t, set the connector 7283-102060 g. Second, set the connector 6098-	n/a	1. No loose 2. No flip-c 3. No peel 4. No wror 5. No wror	e tape out tape -off tape ig use of tape ig dimension interval between t	en stopper jig	

		<u> </u>	WORK	INSTRUCTION		Effectivity Date:	<u> </u>	February 28, 20	124		
		Process Name/Title:		PING ASSEMBLY PRO	CESS	Validity Date:		n/a			
		Model code/Part number:	310D/ 7N0194-7020		Car Model: TOYOTA-RAV	4 Document No.:		WI-ENG-PDE-75	52B		
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PARTS:	1. Assy 2. Mas	parts er sample				JIG:	n/a				
NO.	F	PROCESS NAME	WOF	RK PROCEDURE/ ILLUST	RATION	TOOLS/PPE	(	QUALITY POINTERS			
5	P1	Visual inspection	harn	condit terming e conduct alignment of ess(Master sample vs. embled parts) using both	4	3. Check taping condition and color of tape  Check the terminal ppearance. Must be no eformed terminal.	userter par	MASTER SAM			

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		Model code/Part number:	310D/ 7N0194-7020	Customer: TRJ	Car Model:	TOYOTA-RAV 4	Document No.:		WI-ENG-PDE-752	2B	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPR	RO	Revision No.:	0	Page No.:	7 of 8	
PARTS:	1. Assy	parts					JIG:	n/a			
NO.	Р	ROCESS NAME	WORK PI	ROCEDURE/ ILLUSTF	RATION		TOOLS/PPE	(	QUALITY POINT	ERS	
6	P1	Measurement	0-3mm	93±5mm	0~5mm		#3mm  40#3mm  MEASURING TAPE  6 7 8 9 10 1 2 3 4 5 6 7 8 9	1. Pleas measur measur 2. For H Owarim Docum 1. Refer assembly Owarime	latsumono, Nakam	erified ting the cono and :	

		WORK INS	STRUCTION		Effectivity Date:		February 28, 2	024	
	Process Name/Title:	TAPIN	NG ASSEMBLY PR	OCESS	Validity Date:		n/a		
	Model code/Part number:	310D/ 7N0194-7020	Customer: TRJ	Car Model: TOYOTA RAV4	Document No.: WI-ENG-P		WI-ENG-PDE-7	E-752B	
	Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	8 of 8	
PARTS: n/a					JIG:	N/A			
			QUALITY C	HECKPOINTS					
			40/.=						
	<u> </u>	<u> </u>	<u>.</u>	·	<u> </u>				
P2			7810	194-7020					
			/ INU	154-7020					
GOOD				3 (2		6	GO	OD OD	
	nlock/ ock	2 No Wrong II 3 No Missing		No Wrong used tape  No Terminal Ba	(		NO GC Deform	<b>J</b>	