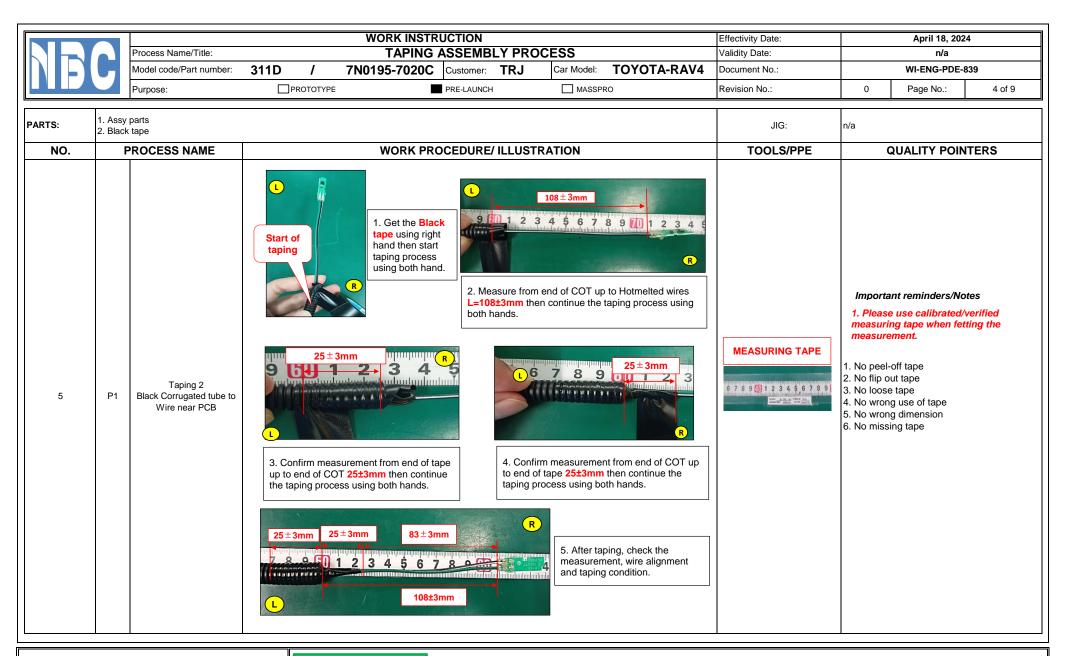
WORK INSTRUCTION Effectivity Date: Process Name/Title: TAPING ASSEMBLY PROCESS Validity Date:											April 18, 2024	1				
			Process Name/Title: Model code/Part number:	311D /			Car Model:	TOVO	TA-RAV4	Validity Date: Document No.:		n/a WI-ENG-PDE-8	20			
		7				r: TRJ			IA-KAV4			1				
			Purpose:	PROTOTYPE	PRE-LAUN	NCH	MASSPE			Revision No.:	0	Page No.:	1 of 9			
PARTS:			ector 6189-0451 (W) W CP (TVSSf 0.3 G wires L=	=613±3mm; TVSSf 0.3 E	3. Black 3/W wires L=613±3mm)	Corrugated tube (No slit) ø7, L=	-461±3mm		JIG:	n/a	n/a				
NO	Э.	P	ROCESS NAME		WORK PROCEDUR	RE/ ILLUSTRA	ATION			TOOLS/PPE		QUALITY POIN	TERS			
1			Wire insertion to Black Corrugated tube (No Slit) Ø7, L=461±3mm	L	R				R	Safety Instruct Be sure to wea prescribed perso protective equipm during operatio (gloves, finger co	nal ! 1. No wroi 1. No defo	1. No wrong usage of parts 2. No deformed terminal				
				Get the Black wire using left h	k Corrugated tube (No slit) ø7, and.	L=461±3mm us	sing right han	d then ins	ert the							
		P1	Wire insertion to Connector 6189-0451 (W)	27.8	CONNECTOR ORIENTATION			WIRE F	ACING	Housekeepin 1. Maintain and alv practice 5's. 2. Personal things the workplace is prohibited. Keep i	2. No dam 3. No wron 4. One by 5. No defo	ng use of connector laged connector ing insertion one insertion ormed terminal ing wire facing	r			
2					B/W wire or using left hand. Get the				wire	Alert level For any trouble, ind the Assembly Assis Supervisor or Lir Leader for immed	1. Pleas during i 2. Make inserted push af Do not e at the attent the attent at	ant reminder/Note e hold the wire ne nsertion. sure wires are pro- l. Conduct <u>Pull-Puller</u> ter insertion. exert extra force. ment reference/s: e refer to WI-PRO-	ear terminal operly ish-Pull-			
					hen insert to terminal slot 1		the Green w al slot 2 .	vire and in	sert to	corrective action	2. Pleas	for Wire and Strip length tolerance. 2. Please refer to GL-PRO-ASY-029 for Pull-Push procedure.				
					Revision History					Prepared by	Reviewed by	Approved by	Noted by			
04/18/24	0										n/a					
Eff. Date		90 (,	Details of Ch		· · · · ·		C. Villanueva Reviewed		n/a M. Ario/a oted Est. Date:	Ć. Villanueva April 18, 2024	A. ATAINES	n/a			
	-															



				WORK INSTE	RUCTION			Effectivity Date:		April 18, 202	4
		Process Name/Title:		TAPING	ASSEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	311D /	7N0195-7020C	Customer: TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-8	39
		Purpose:	PROTOTYPE	ı	PRE-LAUNCH	☐ MASSPF	RO	Revision No.:	0	Page No.:	2 of 9
PARTS:	1. Assy	parts						JIG:	1. Locking j	ig	
NO.	F	PROCESS NAME		WORK PR	ROCEDURE/ ILLUST	RATION		TOOLS/PPE	(QUALITY POIN	TERS
3	P1	Connector lock	on the sequ	hat connector is in lock gence illustrated. RE PRESSING R PRESSING	1. Put the conne hand. Then pres	ss to lock 2x usir	ector lock based R el lock	LOCKING JIG	1. Manua damaged	ant reminders/No al locking may can d connector lock provided jig per m ocked/half-locked	use nodel

				Effectivity Date:	April 18, 2024						
		Process Name/Title:		TAPING ASS	SEMBLY PROC	CESS		Validity Date:		n/a	
		Model code/Part number:	311D /	7N0195-7020C Cus	stomer: TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-8	339
		Purpose:	PROTOTYPE	■ PRE	E-LAUNCH	MASSPR	RO	Revision No.:	0	Page No.:	3 of 9
PARTS: 1. Assy parts 2. Black tape								JIG:	n/a		
NO.	F	ROCESS NAME		TOOLS/PPE	QUALITY POINTERS						
4	P1	Taping 1 Black Corrugated tube to Wire near connector	1. Hold the Corrugaleft hand, Get the Estart pre-taping usi	Black tape and	0~5mm	or 25±3mm the sing both hand	gated tube up to en continue the ds	6789 1123456789	1. Pleas measure measure 1. No peel- 2. No flip of 3. No loose 4. No wron	off tape out tape e tape g use of tape g dimension	verified







				WORK INSTRUCT		Effectivity Date:		April 18, 2024					
		Process Name/Title:		TAPING ASS	EMBLY PRO	CESS		Validity Date:		n/a			
	H	Model code/Part number:	311D /	7N0195-7020C Cust	tomer: TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-83	9		
		Purpose:	PROTOTYPE	PRE-	LAUNCH	MASSPR	0	Revision No.:	0	Page No.:	5 of 9		
PARTS:	1. Assy 2. Black	parts VM tube (Sunprene) ø11, L=	.97±3mm					JIG:	n/a				
NO.	Р	ROCESS NAME		WORK PROCE	OURE/ ILLUSTR	RATION		TOOLS/PPE	QUALITY POINTERS				
6		Wire insertion to Black VM tube (Sunprene) ø11, L=97±3mm	1	R	L=97±3mm us	ick VM tube (Su sing right hand es (B/W-G) usin	then insert the	n/a	1. No wrong	use of parts.			
7	P1	Taping 3 Black Corrugated tube to VM tube (Sunprene)	1. Measure the end up to hotmelted wire	31±3mm 1	2. Hold the a measure the to the hotme	elted wires L=31	e (Sunprene) tube up	6 7 8 9 11 2 3 4 5 6 7 8 9 6	1. Please measurin measure 1. No peel- 2. No flip of 3. No loose 4. No wrong	off tape ut tape tape g use of tape g dimension	erified		

				WORK INSTRUCTION				Effectivity Date:		April 18, 2024		
		Process Name/Title:		TAPING ASSEMB	LY PROC	CESS		Validity Date:		n/a		
		Model code/Part number:	311D /	7N0195-7020C Customer:	TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-83	9	
		Purpose:	PROTOTYPE	PRE-LAUNCH	ł	MASSPR	0	Revision No.:	0	Page No.:	6 of 9	
PARTS:	2. Clam	p 82711-48210 (B) p 82711-33650 (B) p 82711-52090 (W)		JIG:	Temporary clamp assembly jig							
NO.	PROCESS NAME WORK PROCEDURE/ ILLUSTRATION						TOOLS/PPE	QUALITY POINTERS				
8	P1	Clamp setting	1. Get 1pc of clamp set to Clamp location 2. Get 1pc of clamp	82711-52090 (W) using right hands no. 1 using both hands. 982711-48210 (B) using right hands no. 2 and 3 using both hands.	I then	3. Get 1pc set to Clam	82711-33650 Recommendation of clamp 82711-33650 (Exploration no. 4 using both that the state of	B) using right hand then th hands.	1. Please before so avoid wr 1. No wrong 2. No wrong 3. No dama	ent reminders/Note e check the clamp tart of clamp asset ong use of clamp. use of parts use of tape ged clamp clamp position	first mbly to	

				WORK INSTRUCTION		Effectivity Date:		April 18, 2024		
		Process Name/Title:		TAPING ASSEMBLY	PROCESS	Validity Date:		n/a		
		Model code/Part number:	311D /	7N0195-7020C Customer: TR		•		WI-ENG-PDE-83	39	
		Purpose:	PROTOTYPE	PRE-LAUNCH	☐ MASSPRO	Revision No.:	0	Page No.:	7 of 9	
PARTS:	1. Assy 2. Black	parts tape [4pcs]			JIG:	Temporary clamp assembly jig				
NO.	F	PROCESS NAME		WORK PROCEDURE/ ILL	USTRATION	TOOLS/PPE	(QUALITY POINT	ERS	
9						cation no. 3 using right hand. both hands then cut the tape.	1. Please before so avoid with 1. No wrong 2. No wrong 3. No dama	ant reminders/Not e check the clamp tart of clamp asse rong use of clamp. g use of parts g use of tape ged clamp g clamp position	first embly to	

			Effectivity Date:	April 18, 2024				
		Process Name/Title:	TAPING ASSEMBLY PROCESS	Validity Date:		n/a		
		Model code/Part number:	311D / 7N0195-7020C Customer: TRJ Car Model: TOYOTA-RAV4	Document No.:		WI-ENG-PDE-839		
		Purpose:	□PROTOTYPE ■ PRE-LAUNCH □ MASSPRO	Revision No.:	0	Page No.:	8 of 9	
PARTS:	n/a			JIG:	n/a			
NO.	F	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION	TOOLS/PPE	(QUALITY POINT	ERS	
10	P1	Measurement	Illustration: (a) 195±5 (b) 20±10 (c) 108±5 (c) 108±5 (d) (e) 20±10 (e) 20±	(9) 121±10 (10) 20 +10 25±5 (11) 20 +10 10 (12) (12) (13) (13) (14) (15) (15) (15) (15) (15) (15) (15) (15	1. Please measure 2. For Ha Owarimo Docume 1. Please Sub-Assy	ant reminders/Note: e use calibrated/ve. ng tape when fettin ement. atsumono, Nakamo	rified g the ono and	

						T	1		
	D N (Till		WORK INSTRUCTION	00500		Effectivity Date:		April 18, 202	4
	Process Name/Title:	044D /	TAPING ASSEMBLY PR		TOVOTA DAVA	Validity Date:		n/a WI-ENG-PDE-839	
	Model code/Part number:	311D /	7N0195-7020C Customer: TRJ	t	TOYOTA-RAV4	Document No.:		- I	
	Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO)	Revision No.:	0	Page No.:	9 of 9
PARTS : r	n/a					JIG:	n/a		
			QUALITY C	HECKPOINTS					
P1 G00D		4	7N019	95-70 4	20C	5		GOOD	
NO GO	No WRON	IG INSERT	ING OUT		No MISSINO			NO GO	2)
	\ - /	CKED/HAL		4	INO IVIIOSIIV	GULAWIF		NO GO	שט
	110 01120			5	No DAMAG	ED PCB/TERI	MINAL	-	