					K INSTRUCTION					ivity Date:			February 28, 20	24
			Process Name/Title:	APING ASSEMBLY PRO					ty Date:			n/a		
			Model code/Part number:	310D / 7N0193-7020	Customer: TRJ	Car Model:	TOYO	TA RAV4	Docui	ment No.:			WI-ENG-PDE-80	2B
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSI	PRO		Revis	ion No.:		1	Page No.:	1 of 7
PARTS:		1. Assy 2. Black	Parts s SV tube (vinyl) ø5 L=119	±3mm	3. Blue Tape					JIG:	1	I. Assembl	y jig	
N	Э.	P	ROCESS NAME	RATION				TOOLS/PPE		QUALITY POINTERS				
1		P2	Table Lay-out	Assy Parts	Black SV tu (vinyl) øt L=119±3m	abe	Assem	nbly Jig	r pro	afety Instruction Be sure to wear equired personal otective equipmen during operation ploves, finger cots, etc.) Housekeeping Maintain and alway practice 5's. Personal things or the workplace is sohibited. Keep it ir your locker. Alert level any trouble, inforn Assembly Assista Supervisor or Line ader for immediate corrective action.	ys 1	I. No missi	ng parts/tools ss parts/tools	
ı	Revision History							<u> </u>		Prepared by	Revi	iewed by	Approved by	Noted by
02/28/24	1	Change F	re-launch to Mass pro. Inclusion	of Table lay-out.		A.Hernandez	C.Villanueva	A. Arañes	n/a	Othermonder	1/-	bitt.	CHARLES	
02/13/24	0	Initial iss		,		A.Hernandez	C.Villanueva	A. Arañes	n/a	A.Hernandez	C.Vil	lanueva	A. Aradas	n/a
Eff. Date	Rev. No			Details of Change		Revised	Reviewed	Approved			February	y 13, 2024		1,40
				<u> </u>						· ·			· ·	



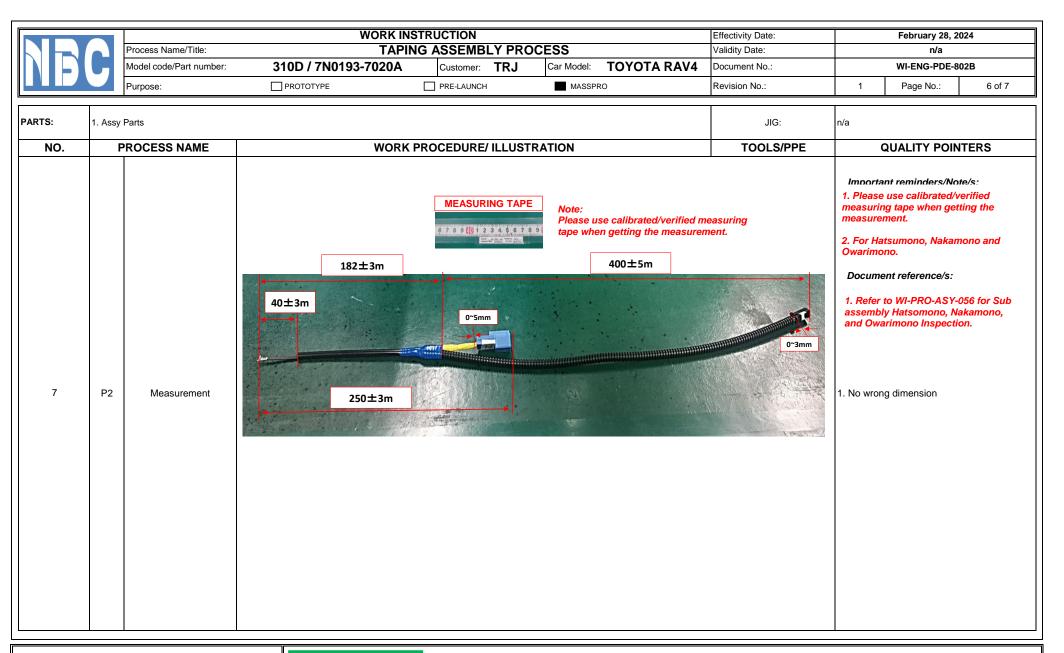
			WORK INS	STRUCTION			Effectivity Date:		February 28, 20)24
		Process Name/Title:	TAPIN	IG ASSEMBLY	PROCESS		Validity Date:		n/a	
		Model code/Part number:	310D / 7N0193-7020A	Customer: TR	Car Model:	TOYOTA RAV4	Document No.:		WI-ENG-PDE-80)2B
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPR	RO	Revision No.:	1	Page No.:	2 of 7
PARTS:		tape k SV tube (vinyl) ø5 L=119	±3mm				JIG:	n/a		
NO.	PROCESS NAME WORK PROCEDURE/ ILLUSTRATION						TOOLS/PPE	(QUALITY POIN	TERS
2		Wire insertion to Black SV tube (vinyl) Ø5 L=119±3mm			1. Get the SV tube (vi L=119±3mm using rig insert the B-B wire us	ght hand then	n/a	1. No wron	g use of parts	
3	P2	Y-Taping	No gap bet tubes 40±3mm 40±3mm 2. Measurement from end of SV tube (Vinyl) up to terminal tip. Must be 40±3mm. 4. Make 1 shifting to the left ther	L 20±3mm	Pre-taping 3. Ge the C (Vinyl taping) R 5. Make 1/3 sh	at the tape and fix OT to CV tube 1). Make 1 wind preg before shifting. 1/3 shifting 20±3mm artifiting to the right width on SV tube		5. No wron 6. No wide 7. No expo Importan 1. Please measurin measure 2. Use YE visualize	out tape -off tape g use of tape g dimension interval between to seed wire t reminders/Note, use calibrated/vi g tape when gett	/s: erified ing the sily

			WORK	INSTRUCTION	ON			Effectivity Date:		February 28, 2	024	
		Process Name/Title: TAPING ASSEMBLY PROCESS						Validity Date:	n/a			
		Model code/Part number:	310D / 7N0193-7020	A Custo	mer: TRJ	Car Model:	TOYOTA RAV4	Document No.:		WI-ENG-PDE-8	02B	
		Purpose:	PROTOTYPE	☐ PRE-L/	AUNCH	MASSP	RO	Revision No.:	1	Page No.:	3 of 7	
PARTS:	1. Assy 2. Blue							JIG:	n/a			
NO.	PROCESS NAME		wo	RK PROCED	URE/ ILLUST	RATION		TOOLS/PPE	(QUALITY POINTERS		
4	P2	Y-Taping (Continuation)	20±3mm 6. Make 1/3 shifting to the right side until tape width on SV tube (Vinyl). 1/2 shifting R 20±3mm	tape 2x.	R 1/2 nifting to the left	end of pointed both hat taping L 20±3 until tape width 7. Mak right ur tube (V 2x ther			5. No wror 6. No wide 7. No expo Importar 1. Please measuri measuri 2. Use Y	out tape -off tape ng use of tape ng dimension interval between osed wire out reminders/Note ouse calibrated/ ng tape when ger ement. ELLOW tape to e shifting. But act	e/s: verified tting the vasily visualize	

				NSTRUCTION			Effectivity Date:		February 28, 20	24
		Process Name/Title:	TAP	ING ASSEMBLY PR	OCESS		Validity Date:		n/a	
		Model code/Part number:	310D / 7N0193-7020A	Customer: TRJ	Car Model:	TOYOTA RAV4	Document No.:		WI-ENG-PDE-80	2B
		Purpose:	□ргототуре	PRE-LAUNCH	MASSPR	RO	Revision No.:	1	Page No.:	4 of 7
PARTS:	1. Ass	y parts					JIG:	1. Assembl	y jig	
NO.	1	PROCESS NAME	WORK	K PROCEDURE/ ILLUS	TRATION		TOOLS/PPE	C	QUALITY POINT	ΓERS
5	P2	Assembly jig	Checker 1	g (See above illustration). In then pull the checker ficture 6098-3871 (L) to Checker 2 g. Last, put the terminal into a hands. Ind Wire 2 was ON. If encouply CALL the attention of the the process. In the street of the stree	First, set the ure for continuity 2 then pull the ostopper jig	Color BLUE TA	O SENSOR O SENSOR	1. Ma stopp 1. No wrong	NO GAP Artant reminders/Nake sure no gap boer and terminals g use of tape ss/lacking tape wir	etween

			WORK INS	TRUCTION		Effectivity Date:		February 28, 202	24	
		Process Name/Title:		G ASSEMBLY PRO	CESS	Validity Date:		n/a		
		Model code/Part number:	310D / 7N0193-7020A	Customer: TRJ	Car Model: TOYOTA			WI-ENG-PDE-80	2B	
		Purpose:	PROTOTYPE	□ PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	5 of 7	
		<u> </u>				T	<u></u>	<u> </u>		
		embled parts neering sample				JIG:	n/a			
NO.	F	PROCESS NAME	WORK F	PROCEDURE/ ILLUST	RATION	TOOLS/PPE	(QUALITY POINTERS		
6	P2	Visual/By two's inspection	Assembled parts 1. Conduct alignment of harness(Engineering sample vs. Assembled parts) using both hands	2. Check the tern connector lock, and taping cond	insertion	ACTUAL PRODUCT 3. Check the Y-taping condition. 4. Check the terminal appearance. Must be no deformed terminal.		checking during ins		





		WORK INS	TRUCTION		Effectivity Date:	February 28	3. 2024	
	Process Name/Title:	TAPIN	Validity Date:	Validity Date: n/a				
	Model code/Part number:	310D / 7N0193-7020A	Customer: TRJ	Car Model: TOYOTA RAV4	Document No.:	WI-ENG-PD	E-802B	
	Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1 Page No.:	7 of 7	
PARTS: n/a					JIG:	n/a		
			QUALITY CHE	CKPOINTS				
n/a			7N019	93-7020A				
GOOD	GOOD 5		4				GOOD	
NO GOOD	NO GOOD					Was to	IO GOOD	
	nlock/Halflock tor (2 connector)		ng Insert al Backing Out	4 No Missin (for Y-Ta	g Tape pping) 5 N	o Deformed T	erminal	