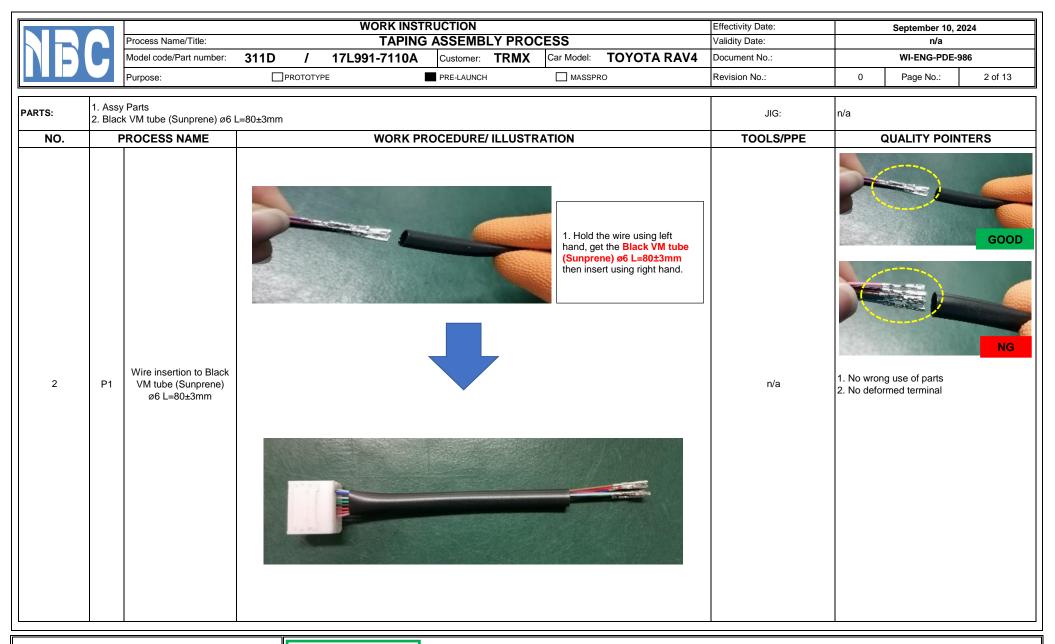
					WOR	K INSTRUCTION					Effec	tivity Date:			September 10, 2	2024
			Process Name/Title:			APING ASSEM		CESS			_	ity Date:			n/a	
			Model code/Part number:	311D /	/ 17L991-7			Car Model:	TOYO	OTA RAV4	Docu	ment No.:			WI-ENG-PDE-9	986
			Purpose:	PROTO		PRE-LAUI		MASSI	PRO		Revis	sion No.:		0	Page No.:	1 of 13
PARTS:			nector 4A1820-0000 (W) Wire 0.13 P-BR-R-B-G-L	G-V-GR-L L= 110	6±1mm							JIG:	n/	/a		
N	Ο.	P	PROCESS NAME		W	ORK PROCEDU	E/ ILLUST	RATION				TOOLS/PPE		G	QUALITY POIN	ITERS
1		P1	Wire insertion to Connector 4A1820-0000 (W)	1. Get 1 pc connector of the connector o	c. of Connector 4A1	9 10 820-0000 (W) then conduct 2x push pull	2 3 4 P BF 116 11	R R B 6 116 116 1 WIRE FAC	7 8 9 19 11 11 11 11 11 11 11 11 11 11 11 1	9 10 11 V GR L 16 116 116	1.	Safety Instruction Be sure to wear prescribed persor protective equipmed during operation (gloves, finger contective equipmed during operation (gloves, finger contect) Housekeeping Maintain and alwer practice 5's. Personal things the work place is prohibited. Keep it your locker. Alert level or any trouble, infere Assembly Assis Supervisor or Lineader for immedia corrective action	on 2. 3. 3. 3. 3. 3. 3. 3.	. No wrong . No damag . No wrong . No loose . No wrong . One by or . No deform . No wrong . Mo deform . No wrong . Make s . Conduct l inserion Do not ex 2. Please during ins 3. Insertic right. Docum 1. Refer to and Strip	insertion ne insertion ne insertion ned terminal wire facing ant reminders/ sure wires are pro Pull-Push-Pull-Pu rert extra force. hold the wire neasertion. on of wire must be pent reference/ o WI-PRO-CNC-C length tolerance. o GL-PRO-ASY-C	'Note/s: perly inserted. sh after ar terminal e from left to 's:
					Revision H	listory						Prepared by	Revie	ewed by	Approved by	Noted by
												т торагой бу	TOVIE	oou by	, approved by	Hoted by
														. ,		
09/10/24	0	Initial iss	ue.					A.Hernandez	C. Villanueva	A. Arañes	n/a	Orlyncon de	1 / ou	langeva	AGraño	n/a
Eff. Date			· ·	Detail	ls of Change			Revised	Reviewed	1	Noted	7 111 10111011002	/C: v	er 10, 2024	/ A. Kildings	II/a
±tt. Date	Rev. No			Details	ls of Change			Revised	Reviewed	Approved	Noted	Est. Date:	Septemb	er 10, 2024		



				WORK INST	RUCTION			Effectivity Date:		September 10, 20	24
		Process Name/Title:		TAPING	ASSEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	311D /	17L991-7110A	Customer: TRMX	Car Model:	TOYOTA RAV4	Document No.:		WI-ENG-PDE-98	36
		Purpose:	PROTOTYPE		PRE-LAUNCH	☐ MASSPF	RO	Revision No.:	0	Page No.:	3 of 13
PARTS:	1. Assy 2. Civus	Parts Wire 0.13 R-LG-L-G-BR-	Y-W L= 116±1mm					JIG:	n/a		
NO.	Р	ROCESS NAME		WORK PF	ROCEDURE/ ILLUSTR	ATION		TOOLS/PPE	(QUALITY POINT	ERS
3	P1	Wire insertion to Connector 4A1820-0000 (W)	1. Get 1 pc. of Co	ight hand. Conduct 2x	1 2 × R	3 4 LG L S 1116 WIRE F	erminal slot 3 of		2. No wron 3. No dama 4. No wron 5. No loose 6. No wron 7. One by 0 8. No defor 9. No wron 1. Make s Conduct L inserion. Do not ex 2. Please during ins 3. Insertior right. Docum 1. Refer to and Strip	g insertion one insertion rmed terminal g wire facing ant reminders/Nature wires are propertile-push-pull-push and the wire near sertion. The push-push are the transfer of wire must be the push of wire must be the push of wire push to gent reference/s of WI-PRO-CNC-01 length tolerance.	lote/s: erly inserted. a after terminal from left to

	_			WORK INS	TRUCTION			Effectivity Date:		September 10, 2	024
		Process Name/Title:			G ASSEMBLY PRO	CESS		Validity Date:		n/a	··
		Model code/Part number:	311D /	17L991-7110A		Car Model:	TOYOTA RAV4	Document No.:		WI-ENG-PDE-9	986
		Purpose:	PROTOTY	PE	PRE-LAUNCH	MASSPI	RO	Revision No.:	0	Page No.:	4 of 13
PARTS:	1. Assy	Parts						JIG:	1. Locking	Jig	
NO.	F	ROCESS NAME		WORK F	PROCEDURE/ ILLUST	RATION		TOOLS/PPE	(QUALITY POIN	TERS
4	P1	Connector Lock	L	The second secon	Sequence of Pressing (1) - (1) Method: Press same to the detail of the lassy parts using tocking jig using right hand. Press down the connector lock the locking of connector lock the locking point (Left to right locking point (Left to right locking point locking	left hand then to locking jig 2 after locking (Sk) 4. Ensure to locked contouching the	put the connector 2x using left & right	Locking Jig	1. Man damag	ant reminder ual locking m led connector	nay cause r lock

	_			WORK INST	RUCTION			Effectivity Date:		September 10, 2	024
		Process Name/Title:			ASSEMBLY PRO	CESS		Validity Date:		n/a	024
		Model code/Part number:	311D /	17L991-7110A	Customer: TRMX	Car Model:	TOYOTA RAV4	Document No.:		WI-ENG-PDE-9	186
		Purpose:	PROTOTYP		PRE-LAUNCH	☐ MASSPF		Revision No.:	0	Page No.:	5 of 13
PARTS:	1. Assy 2. Blue	Parts VM tube (Sunprene) ø5 L=	=80±3mm					JIG:	n/a		
NO.	P	ROCESS NAME		WORK PR	ROCEDURE/ ILLUSTR	RATION		TOOLS/PPE	(QUALITY POIN	TERS
5	P1	Wire insertion to Blue VM tube (Sunprene) ø5 L=80±3mm				hand, get the (Sunprene)	wire using left e Blue VM tube ø5 L=80±3mm sing right hand.	n/a	1. No wron 2. No defor	g use of parts	GOOD

				WORK INST	RUCTION			Effectivity Date:		September 10, 2	2024
		Process Name/Title:		TAPING	ASSEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	311D /	17L991-7110A	Customer: TRMX	Car Model:	TOYOTA RAV4	Document No.:		WI-ENG-PDE-	986
		Purpose:	PROTOTY	PE	PRE-LAUNCH	☐ MASSPF	RO	Revision No.:	0	Page No.:	6 of 13
PARTS:	1. Assy 2. Civus	Parts s Wire 0.13 G-R-BR-L-LG	-P-V-B-GR L= 116±					JIG:	n/a		
NO.	P	PROCESS NAME		WORK PR	ROCEDURE/ ILLUSTR	≀ATION		TOOLS/PPE	(QUALITY POIN	ITERS
6	P1	Wire insertion to Connector 4A1720-0000 (W)	1. Get 1 pc. of 0	right hand. Conduct 2x	7 LG I	3 4 G R 116 110 WIRE FACI	10 11 B GR 116 116 5 6 BR L 6 116 116 NG	n/a	2. No wror 3. No dam 4. No wror 5. No loos 6. No wror 7. One by 8. No defo 9. No wror 1. Make s Conduct inserion. Do not ex 2. Please during ins 3. Insertioright. Docum 1. Refer t and Strip	ng insertion one insertion ormed terminal ng wire facing ant reminders/ sure wires are pro Pull-Push-Pull-Pu wert extra force. In hold the wire neal sertion. In on of wire must be the wire reference/ to WI-PRO-CNC-C length tolerance. In GL-PRO-ASY-C	Note/s: perly inserted. sh after ar terminal from left to

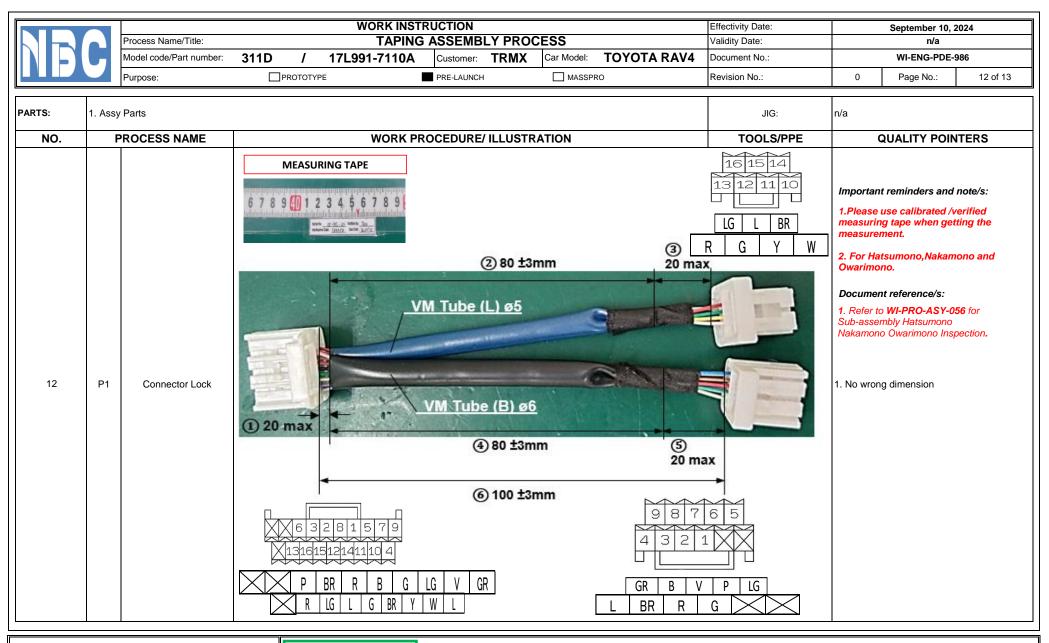
				WORK INST	RUCTION			Effectivity Date:		September 10, 2	2024
		Process Name/Title:		TAPING	ASSEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	311D /	17L991-7110A	Customer: TRMX	Car Model:	TOYOTA RAV4	Document No.:		WI-ENG-PDE-9	986
		Purpose:	□PROTOTYP	E	PRE-LAUNCH	☐ MASSPE	RO	Revision No.:	0	Page No.:	7 of 13
PARTS:	·	/ Parts						JIG:	1. Locking		
NO.		PROCESS NAME		WORK PI	ROCEDURE/ ILLUSTR	RATION		TOOLS/PPE	-	QUALITY POIN	ITERS
7	P1	Connector Lock	L	The state of the s	Geat the assy parts using I king jig using right hand. Press down the connector lock a ecking of connector lock a ecking of connector lock.	left hand then put to locking jig 2: infter locking (Sin)	put the connector x using left & right ee below sequence in the connector is in dition by slide touching tor lock LEFT TO	Locking Jig	1. Man damag	ant reminder ual locking n jed connector	nay cause r lock

					WORK INST	RUCTION			Effectivity Date:		September 10, 2	2024
		Process Name/Title:			TAPING	ASSEMBLY	PROCESS		Validity Date:		n/a	-
		Model code/Part number:	311D	1	17L991-7110A	Customer: T	RMX Car Model:	TOYOTA RAV4	Document No.:		WI-ENG-PDE-9	986
		Purpose:	□Р	ROTOTYPI	E	PRE-LAUNCH	☐ MASSPI	RO	Revision No.:	0	Page No.:	8 of 13
PARTS:		nector 4A1810-0000 (W)							JIG:	n/a		
NO.	F	ROCESS NAME			WORK PF	ROCEDURE/ IL	LUSTRATION		TOOLS/PPE		QUALITY POIN	TERS
8	P1	Wire insertion to Connector 4A1810-0000 (W)		pc. of Cotor using	2 3 4 Connector 4A1810-0000 right hand. Conduct 2:	0 (W) then hold the	WIRE INSERTION II 5 6 BR L 116 116 1 2 5 V Y C 16 116 17 WIRE FACING	7 LG 116 3 4 G R 16 116		1. No wror 2. No wror 3. No dam 4. No wror 5. No loos 6. No wror 7. One by 8. No defo 9. No wror Importa 1. Make s Conduct inserion. Do not ex 2. Please during ins 3. Insertic right. Docum 1. Refer t and Strip	ang orientation of congrues of connector aged connector aged connector aged connector of the construction	Note/s: Derly inserted. Sh after Ir terminal from left to

	_			WORK I	NSTRUCTION			Effectivity Date:		September 10, 2	024
		Process Name/Title:			ING ASSEMBLY PRO	DCESS		Validity Date:		n/a	· ·
	H	Model code/Part number:	311D /	17L991-711			TOYOTA RAV4	Document No.:		WI-ENG-PDE-9	986
		Purpose:	PROTOTY	PE	PRE-LAUNCH	☐ MASSP	RO	Revision No.:	0	Page No.:	9 of 13
PARTS:	1. Assy	parts						JIG:	1. Locking	jig	
NO.	F	ROCESS NAME		WOR	K PROCEDURE/ ILLUS	TRATION		TOOLS/PPE		QUALITY POIN	TERS
9	P1	Connector Lock	L	R	Sequence of Pressing ① - ① Method: Press same 1. Geat the assy parts using locking jig using right hand. 2. Press down the connector thumb (Same timing) 3. Touch the connector lock checking of connector lock. Checking point (Left to right.)	g left hand then por to locking jig 2 after locking (Sck)	both thumbs but the connector ix using left & right ee below sequence in the connector is in dition by slide touching tor lock LEFT TO		1. Man damag	ant reminder ual locking m led connector	nay cause r lock

			WORK INSTRUCTION	N	Effectivity Date:	September 10, 2024
		Process Name/Title:	TAPING ASSE	MBLY PROCESS	Validity Date:	n/a
		Model code/Part number:	311D / 17L991-7110A Custor	mer: TRMX Car Model: TOYOTA RAV4	Document No.:	WI-ENG-PDE-986
		Purpose:	□PROTOTYPE ■ PRE-LA	AUNCH MASSPRO	Revision No.:	0 Page No.: 10 of 13
	1					
	1. Assy 2. Tesa	Parts Tape 51036			JIG:	1. Tesa Tape Cutter
NO.	F	PROCESS NAME	WORK PROCEDI	JRE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
			1. Measure from end of VM tube (Sunprene) up	L R 2. Hold the tube using left hand, get the Black tesa		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 Important reminders/Note/s:
			to edge of connector 0~15mm using both hands.	tape 51036 using right hand then start taping process using both hands.		Please use calibrated/verified measuring tape when getting the
10	P1	Taping 1 Black Tesa tape 51036 to Wire near connector	3. Cut the tape using tape cutter using both hands. 0-15mm 2 3	4. After cut, conduct pressing of end tape using both hands. 5. Check the taping condition,	6 7 8 9 12 3 4 5 6 7 8 9	TAPING CONDITION REFERENCE TAPING CONDITION REFERENCE NO GOOD End tape with out Hairline NO GOOD End tape with Hairline

				WORK INSTRU	CTION			Effectivity Date:		September 10, 2	2024
		Process Name/Title:		TAPING AS	SSEMBLY	PROCESS		Validity Date:		n/a	
		Model code/Part number:	311D /	17L991-7110A	Customer: TF	Car Model:	TOYOTA RAV4	Document No.:		WI-ENG-PDE-	986
		Purpose:	PROTOTYP	E P	PRE-LAUNCH	MASSPR	0	Revision No.:	0	Page No.:	11 of 13
PARTS:	1. Assy 2. Tesa	Parts a Tape 51036						JIG:	1. Tesa Ta	ape Cutter	
NO.	F	PROCESS NAME		WORK PROC	CEDURE/ ILL	USTRATION		TOOLS/PPE	(QUALITY POIN	ITERS
11	P1	Connector Lock	1. Measure from er of connector 0~20 in the same of connector 0. The sa	and of VM tube (Sunprene) unim using both hands.	up to edge	the Black tesa		MEASURING TAPE 6 7 8 9 10 1 2 3 4 5 6 7 8 9 WAS ARREST OF THE PROPERTY OF TH	3. No loo 4. No mis 5. No wro 6. No wro	el-off tape se tape se tape ssing tape ong use of tape ong dimension END TAPE COND REFERENCE	



	WORK INSTRUCTION	Effectivity Date:	September 10, 2024
Process Name/Title:	TAPING ASSEMBLY PROCESS	Validity Date:	n/a
Model code/Part number: 311D /	17L991-7110A Customer: TRMX Car Model: TOYOTA RAV4	Document No.:	WI-ENG-PDE-986
Purpose: PROTOTY	E ■ PRE-LAUNCH □ MASSPRO	Revision No.:	0 Page No.: 13 of 13
PARTS: n/a		JIG:	n/a
	VISUAL/QUALITY CHECKPOINTS		
P1	17L991-7110A		
1. Check the connector lock.	Check the wire alignment. Make sure no tangled w	vires.	Check the connector
	Black Sunprene Tube Tesa Ta	ape 51036	
Check the orientation of harness. 4. Check if no missing parts.	5. Check the terminal if with backing deformed terminal.	out (not fully inse	rted) or