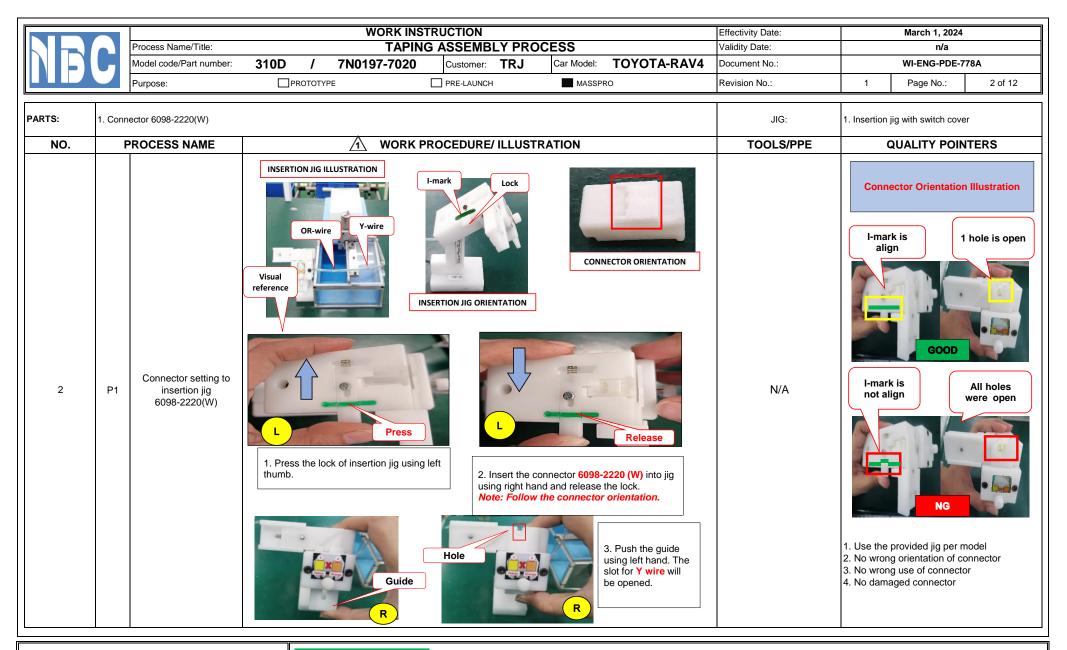
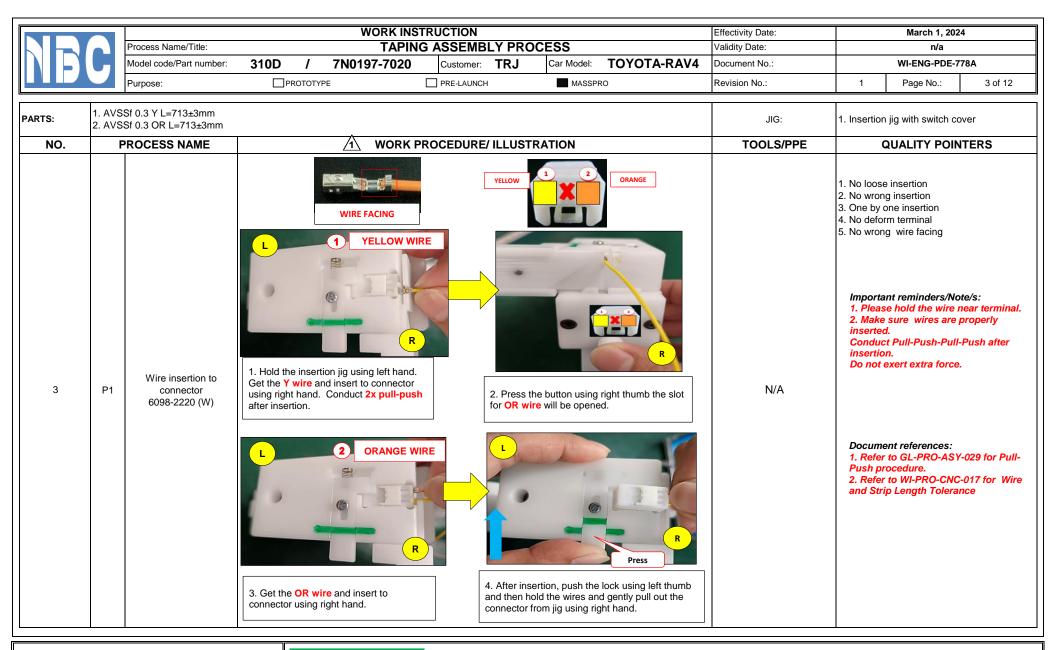
						WORK INST	RUCTION				Effec	tivity Date:		March 1, 2024				
			Process Name/Title:			TAPING	ASSEMBLY PRO	CESS			Valid	ty Date:		n/a				
			Model code/Part number:	310D	1	7N0197-7020	Customer: TRJ	Car Model:	TOYO	TA-RAV4	Docu	ment No.:		WI-ENG-PDE-7	78A			
			Purpose:	□PR	OTOTYP	E [PRE-LAUNCH	MASSE	RO		Revis	sion No.:	1	Page No.:	1 of 12			
PARTS:		wires L=	349±2mm; AVSSf 0.3 Y wir	Corrugated tubes L=349±2mm	e ø5 L=2 ı; AVSS	f 0.3 B-B wires L=646±3m			154±2mm; <i>i</i>	AVSSf 0.3 OR		JIG:	1. Inserti 2. Inserti 3. Lockin	g jig				
N	0.	Р	ROCESS NAME			<u></u> MORK PR	OCEDURE/ ILLUSTR	ATION				TOOLS/PPE		QUALITY POIN	ITERS			
1		P1	Table lay-out			Black Corrugal tube Ø L=251±31 tray Inserion jig A (With Switch cover)	AVSSf 0. wire: L=349±3 AVSS wire: L=349±3 AVSS hold	6098 (V Conn tr	Black Corrugate tube ø5 L=454±2m AVSSf 0 B wirn L=646±3	a.3 B-	f pi	Safety Instructic Be sure to wear prescribed persor rotective equipm during operatior gloves, finger coretc.) Housekeeping Maintain and alw practice 5's. Personal things the workplace is rrohibited. Keep in your locker. Alert level or any trouble, infe e Assembly Assis Supervisor or Lir eader for immedic	al al ant and S 1. Ref and S ays 1. No mi 2. No ex in tant te attent te attent and s	Document reference to WI-PRO-CNC- trip Length Tolerand State of the Color of the Co	017 for Wire			
		ı				Revision History						Prepared by	Reviewed by	Approved by	Noted by			
03/01/24	1	procedure	urpose from Pre-launch to Mass /Illustration on pages 2 to 10. A claim(Broken lock of Connector	dditional Work pro	ocedure/l			M.A riola	C. Villanueva	A. Arañes	n/a	Mucho	// L '//-					
01/05/24	0	Initial issu	e					M.A riola	C. Villanueva	A. Arañes	n/a	M. Arigla	C. Villanueva	A. Aranes	n/a			
Eff. Date	Rev. No			De	etails of C	Change		Revised	Reviewed	Approved 1	Noted	Est. Date:	January 05, 2024					



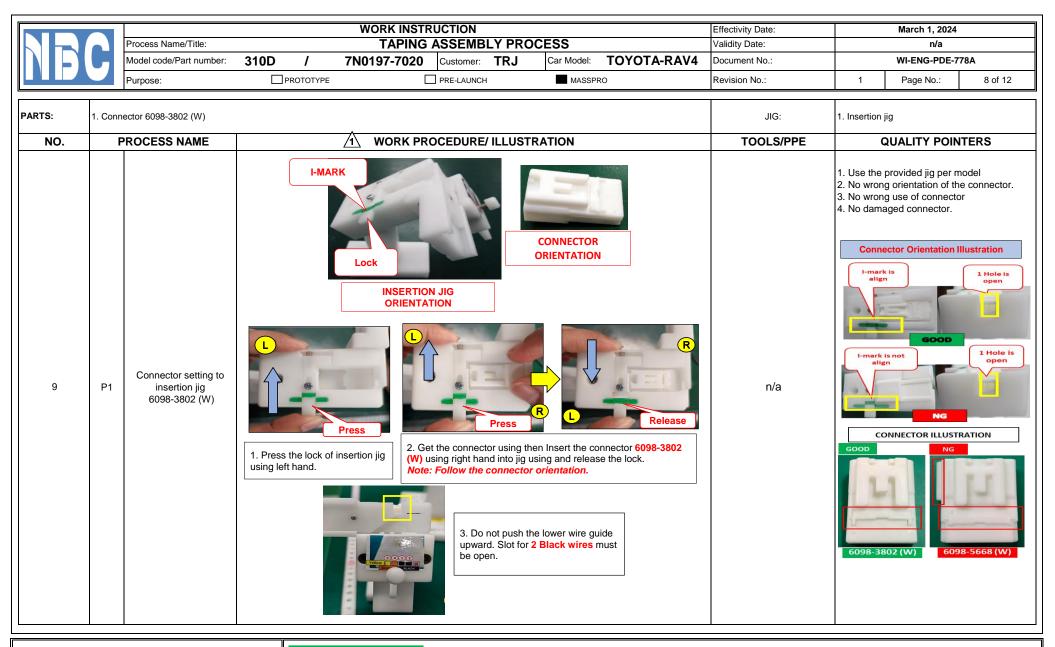


				WORK INS	STRUCTION			Effectivity Date:		March 1, 202	24
		Process Name/Title:		TAPIN	IG ASSEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	310D /	7N0197-7020	Customer: TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-7	78A
		Purpose:	PROTOTYP	E	PRE-LAUNCH	MASSP	RO	Revision No.:	1	Page No.:	4 of 12
PARTS:	1. Ass	y parts						JIG:	1. Locking	jig	
NO.	ı	PROCESS NAME		<u>∕</u> work	PROCEDURE/ ILLUSTR	RATION		TOOLS/PPE	1	QUALITY POIN	TERS
4	P1	Connector lock	GOO 2. Hold the assy connector touch	NNECTOR RET SID	AINER ILLUSTRATION NG	DIN DIER DR L	insertion to locking jig. Note: Must be NO half connector locking.	Dock of connector before -locked condition prior STEP 2 Make sure the	1. Please will not tou insertion ir connector. 2. Maintain connector 3.Connect connector 4. Make su process. 5.No wron. 6. No dam 7. No unlo Imp 1. Incornalarm the 2. No reproceed 3. If end and improf the lease will appear to the lease will not tour insertion in the lease will not the lease will not tour insertion in the lease will not the lease will not tour insertion in the lease will not the lease w	ensure that Connect or hit by any obto locking jig to an an 10mm proper hoor must be fully institute in the fully institute of the full ins	ector lock/retainer oject prior void half-lock Iding of wire to serted to g before locking ctor. ck connector. s/Note/s: ocess will tor cannot ality, STOP he attention urther

				WORK IN	STRUCTION				Effectivity Date:		March 1, 2024	
		Process Name/Title:		TAPIN	NG ASSEMBLY PR	OCESS			Validity Date:		n/a	
		Model code/Part number:	310D /	7N0197-7020	Customer: TRJ	Car Model:	TOYO	TA-RAV4	Document No.:		WI-ENG-PDE-7	78A
		Purpose:	PROTOTY	PE	PRE-LAUNCH	MASSP	RO		Revision No.:	1	Page No.:	5 of 12
PARTS:	1. Assy	parts							JIG:	1. Locking	jig	
NO.	F	ROCESS NAME		<u>∕</u> 1 WORK	PROCEDURE/ ILLUS	TRATION			TOOLS/PPE	<u>/1</u> \	QUALITY POIN	TERS
			HOLD TH HANDLE			locking jig usii down and brir			dle of the connector g right hand then gently pull back to original position ote: Pull down one time	1. Please ensure that Connector lock/retainer will not touch or hit by any object prior insertion into locking jig to avoid half-lock connector. 2. Maintain 10mm proper holding of wire to connector 3.Connector must be fully inserted to connector slot. 4. Make sure no offset setting before locking process. 5.No wrong setting of connector. 6. No damaged connector lock		
4	P1	Connector lock (Continuation)		SLIDE STEP 1	STEP 2	6098-2220 6098-2220	SLIDE	left hand bas	ne locked connector using sed on the illustration, rection of arrow.	7. No unlo In 1. Incomalarm to 2. No reproceed 3. If end and im the lear	nportant reminde mplete locking p he jig. etainer in connec	ers/Note/s: rocess will tor cannot hality, STOP the attention of ther instruction
			1	L	SIE	R	STEP 2	2	5. Ensure that connector is in locked condition by slide touching the connector lock based on the sequence illustrated.			

			V	WORK INSTRUCTION	l			Effectivity Date:		March 1, 2024	
		Process Name/Title:		TAPING ASSEM	IBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	310D / 7N0	0197-7020 Custome	er: TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-77	'8A
		Purpose:	PROTOTYPE	☐ PRE-LAUN	NCH	MASSPI	२०	Revision No.:	1	Page No.:	6 of 12
	1. Assy	norto									
PARTS:		Corrugated tube ø5 L=251±	3mm					JIG:	n/a		
NO.	F	PROCESS NAME	<u>Á</u>	WORK PROCEDUR	RE/ ILLUSTI	RATION		TOOLS/PPE	(QUALITY POIN	TERS
5		Wire insertion to Black Corrugated tube ø5 L=251±3mm		R	1. Get the Bla L=251±3mm wires using r	ack Corrugated using left hand t ight hand.	tube ø5 hen insert the Y-OR	n/a		g use of parts rmed terminal	
6	P1	Taping 1 Black Corrugated tube to Wire near Connector	L 25±3m 25±3mm	3. A	using both process.		Connector 25 ±3mm ntinue the taping		6. No wron	off tape e tape ing tape g dimension g use of tape out reminders/Note e use calibrated/v ng tape when get	erified

				WORK INS	STRUCTION				Effectivity Date:		March 1, 2024	1
		Process Name/Title:			IG ASSEMBLY	Y PROC	CESS		Validity Date:		n/a	
		Model code/Part number:	310D /	7N0197-7020		TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-7	78A
		Purpose:	PROTOTYF	PE	PRE-LAUNCH		MASSPE	30	Revision No.:	1	Page No.:	7 of 12
PARTS:	1. Assy 2. Black				3. Black corruç 4. AVSSf 0.3 E		ø5 L=454±3mn =646±3mm	n (no slit)	JIG:	n/a		
NO.	F	PROCESS NAME		<u>√</u> 1 WORK I	PROCEDURE/ II	LLUSTR	ATION		TOOLS/PPE	(QUALITY POIN	ITERS
7		Wire Insertion to Black corrugated tube ø5 L=454±3mm (no slit)				corrugate	ed tube ø5 L=4 t hand then ins	eft hand, Get the Black 454±3mm (no slit) sert the B-B wires			off tape e tape	
8	P1	Taping 2 Black Corrugated tube to Wire near terminal	1. Hold the assusing left hand Black tape using hand then start process using left hand.	y parts . Get the ng right .taping	en continue the tapi	of COT uping proces	31±3mm	ointed tip 131±3mm ands	6789 12345 6789	1. No flip-c 2. No peel 3. No loose 4. No miss 5. No wron	out tape off tape e tape	verified



	_			WORK INS	STRUCTION				Effectivity Date:		March 1, 2024	
		Process Name/Title:			IG ASSEME	BLY PROC	ESS		Validity Date:		n/a	
		Model code/Part number:	310D /	7N0197-7020	Customer:		Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-7	78A
		Purpose:	PROTOTY	PE	PRE-LAUNC	Н	MASSPE	RO	Revision No.:	1	Page No.:	9 of 12
PARTS:	1. Assy	parts							JIG:	1. Insertior	n jig	
NO.	F	PROCESS NAME		/1 WORK	PROCEDURE	E/ ILLUSTR	ATION		TOOLS/PPE	(QUALITY POIN	TERS
				3	3			WIRE FACING		2. No wron 3. No wron	provided jig per m g orientation of co g use of connecto aged connector	nnector
10	P1	Wire insertion to connector 6098-3802 (W)	1. Hold the insertion jig using left hand. Insert the 1st Black wire to connector using right hand. Conduct 2x push-pull after insertion.		N/A	Important reminders/Note/s: 1. Please hold the wire near terminal 2. Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. Do not exert extra force. 3. Insertion of wires must be from left to right						
							3. Press t right hand will be op	the lower guide using d. Slot for Yellow wire en.		1. Refe	ent references: r to GL-PRO-ASY rocedure.	-029 for Pull-

	_			WORK INS	TRUCTI	ON			Effectivity Date:		March 1, 2024	
		Process Name/Title:	-			EMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	310D /	7N0197-7020		omer: TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-7	78A
		Purpose:	PROTOTYP	'E	☐ PRE-L	AUNCH	MASSPI	RO	Revision No.:	1	Page No.:	10 of 12
PARTS:	1. Assy	parts							JIG:	1. Insertior	n jig	
NO.	F	PROCESS NAME		√1 WORK	PROCED	URE/ ILLUST	RATION		TOOLS/PPE	(QUALITY POIN	TERS
				3 4 1 2 Employed Park (19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			WIF	RE FACING		2. No wron 3. No wron 4. No dam: Importa 1. Pleas	provided jig per m ng orientation of co ng use of connector aged connector ant reminders/No se hold the wire n e sure wires are p	te/s:
10	P1	Wire insertion to connector 6098-3802 (W) (Continuation)	the Yellow wire to	Yellow wire on jig using left hand.o connector using right push-pull after inser	ht	5. Press the bu and slot for Ora		n jig using right hand be open.	N/A	Conductinsertion Do note 3. Insertion left to re	ct Pull-Push-Pull- on. exert extra force. tion of wires mus ight	
			Get the Orange v	ion jig using left hand. wire to connector Conduct 2x push-pul		thumb and	d then hold the	ne lock using left wires and gently im jig using right		1. Refer	ent references: r to GL-PRO-ASY rocedure.	-029 for Pull-

				WORK INSTRUC	TION			Effectivity Date:		March 1, 2024	
		Process Name/Title:		TAPING AS	SEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	310D /	7N0197-7020 Cu	stomer: TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-7	78A
		Purpose:	PROTOTYPE	☐ PR	E-LAUNCH	MASSP	RO	Revision No.:	1	Page No.:	11 of 12
	1. Assy								1. Locking ji		
NO.	F	PROCESS NAME		WORK PROCE	DURE/ ILLUST	RATION		TOOLS/PPE	C	QUALITY POIN	TERS
11	P1	Connector lock	1. Load the conn side of the conn side of the conn Right thus Right thus Left thus	pht thumb-Lower ft thumb-middle parts of connector using right d holding the middle. L mb-middle nb-middle connector in the middle	4. Press the hand while I	Right thumb Left thumb-re upper part of coleft hand holding	connector to fully insert R -upper middle		2. No wron 3. No wron 4. No dama GO Full Importa 1. Manua		G Lock

			WORK INS	TRUCTION		Effectivity Date:		March 1, 202	4
	Process Name/Title:		TAPING	G ASSEMBLY PRO	CESS	Validity Date:		n/a	
	Model code/Part number:	310D /	7N0197-7020	Customer: TRJ	Car Model: TOYOTA-RAV4	Document No.:		WI-ENG-PDE-77	78A
	Purpose:	PROTOTYF	E	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	12 of 12
PARTS: n/a						JIG:	n/a		
				1 QUALITY CHE	CKPOINTS		•		
P1 GOOD	GOOD 1 2 X	2			97-7020	4	GOOD		OD
NO GOOD	NO GOOD	2	on 2 cor	•	No Defo	NO	GOOD	NO G	OOD
I\ — /	nlock/ ocked Conr	ector (3	No Mi	ssing Tape	5 No Term Backing				