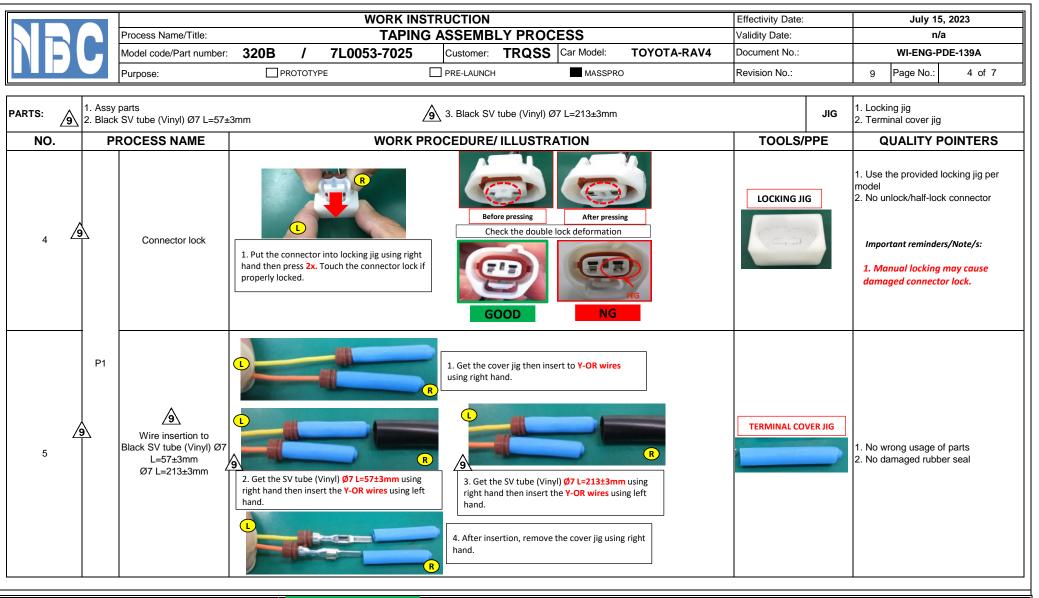
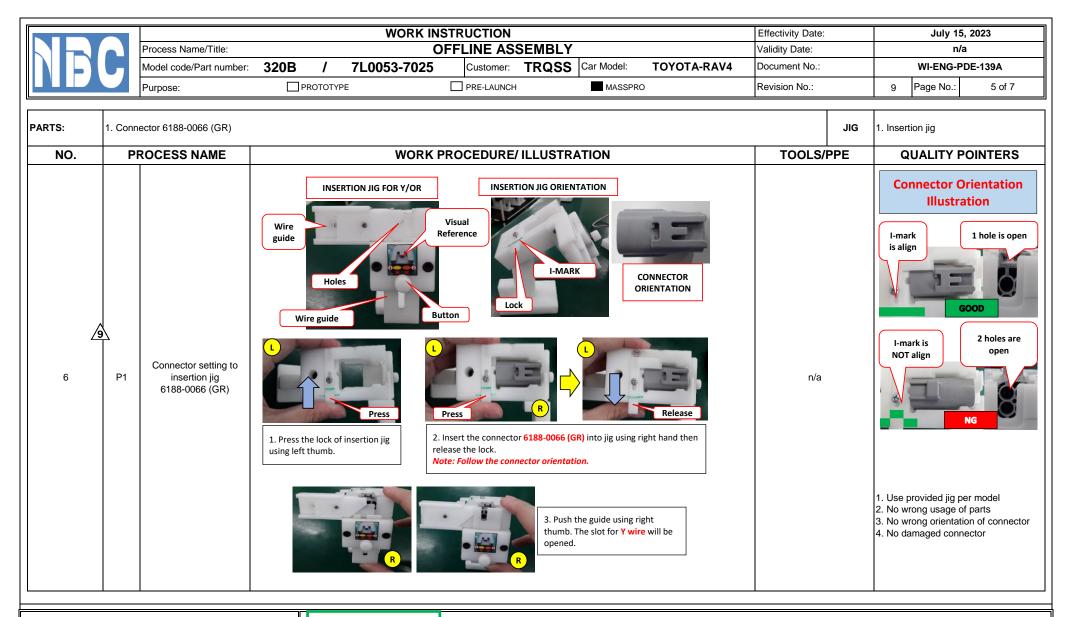
					WORK INS	TRUCTION				Effe	ctivity Date:			July 15, 202	23
			Process Name/Title: TAPING ASSEMBLY PROCESS								Validity Date:		n/a		
	-1		Model code/Part number:	320B /	7L0053-7025	Customer: TR	QSS Car I	Model: T	TOYOTA-RAV4	Doc	ument No.:			WI-ENG-PDE-1	39A
			Purpose:	PROTOTYPE		PRE-LAUNCH		MASSPRO		Rev	ision No.:		9	Page No.:	1 of 7
PARTS:	<u></u>		parts; Black tape; Black SV 326±2mm;Connector 6189-0			Vinyl) Ø7 L=213±3mm;	AVSSf 0.3 Y	wire L=326±2	2mm; AVSSf 0.3 C	DR	JIG:	2. 1		jig with and withou cover jig	t switch cover
NO		PI	ROCESS NAME		MORK PI	ROCEDURE/ ILLU	JSTRATIO	N			TOOLS/PPE			QUALITY POIN	ITERS
1		P1	Table lay-out	Connector (0451 (W Connector Insertion jig (A) W/ Switch cover Insertion jig (B)	Jack SV tube (Vinyl) Ø7 L=57±3mm 9 Locking jig	Ø7 L=2	tube (Vinyl) 213±3mm Sf 0.3 Y wire 326±2mm of 0.3 OR wire 326±2mm	Conr	e holder/Black tape	. di	Safety Instruction Be sure to wear prescribed personal protective equipment of the protection (glor finger cots, etc.) Housekeeping 1. Maintain and alway practice 5's. Personal things on workplace is prohibit Keep it in your locked for any trouble, informed the Assembly Assistation or immediate correction.	al 1. Noves, 2.	No exces	ng parts/tools s parts/tools references: WI-PRO-CNC-017 for trance	Wire and Strip
1	1	Excluded	process from OFFLINE ASSE	MRI Y PROCESS to D1	Revision History			1	1 1		Prepared by	Review	ed by	Approved by	Noted by
07/15/23	9	Transferi RAV4"; U	or process from OFFLINE ASSE red process no.3-7 to P2 due to Jpdate Table lay-out illustration of revision request. Remove sp	new process distributio ; Standardized tube des	n; Updated template; Inclu		r	Ariola J. Lot	erte C.Villanueva	A. Arañes					
05/12/23	8	Inclusion	of quality checkpoints; improve t	he important reminders/no	ote/s and document referen	ces	J. Le	oterte C.Villar	nueva A. Arañes	n/a					
01/15/22	7	(7N0994	part number from 7L0053-7024 -7060); Change wire color from ration. Additional checkpoint in e).	Gray (GR) to Green (G	(Refer to CL-ENG-PDE-0	020). Improve work proce	dure ength	atapang J. Lot	erte C.Villanueva	A. Arañes	M. Arigia	J. Lo	lerte	fout) four	A. Asañes
Eff. Date R	ev. No			Details of 0	Change			vised Revie		Noted	Est. Date:	July 18, 20	18		

			WORK INSTRUCTION	Effectivity Date:	July 15, 2023
		Process Name/Title:	TAPING ASSEMBLY PROCESS	Validity Date:	n/a
		Model code/Part number:	320B / 7L0053-7025 Customer: TRQSS Car Model: TOYOTA-RAV4	Document No.:	WI-ENG-PDE-139A
		Purpose:	□ PROTOTYPE □ PRE-LAUNCH ■ MASSPRO	Revision No.:	9 Page No.: 2 of 7
		I			
PARTS:	1. Conn	ector 6189-0451 (W)		JIG	Insertion jig with switch cover
NO.	NO. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION		WORK PROCEDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
2	9 P1	Connector setting to insertion jig 6189-0451 (W)	Insertion Jig Wire guide OR-wire Wire guide Nire guide Insertion JiG ORIENTATION INSERTION JIG ORIENTATION Release 1. Press the lock of insertion jig using left thumb. Note: Follow the connector orientation. 3. Push the guide using right hand. The slot for Yellow wire will be opened.		Connector Orientation Illustration I-mark is align 1 hole is open NOT align 1 hole is open NOT align 1 hole is open orientation of connector Orientation of connector Orientation of connector Orientation Ori

		WORK INSTRUCTION						Effectivity Date:		July 15, 2023	
		Process Name/Title: TAPING ASSEMBLY PROCESS					Validity Date:		n/a		
		Model code/Part number:	320B /	7L0053-7025	Customer:	TRQSS Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PD	E-139A
		Purpose:	PROTOTYP	E	PRE-LAUNCH	H MASSPR	0	Revision No.:		9 Page No.:	3 of 7
	1	<u> </u>									
PARTS:	1. AVS	Sf 0.3 wires Y L=326±2mm;	OR L=326±2mm						JIG	Insertion jig with sw	itch cover
NO.	Р	ROCESS NAME		WORK P	ROCEDURE	/ ILLUSTRATION		TOOLS/	PPE	QUALITY PO	DINTERS
3	9 P1	Wire Insertion to Connector 6189-0451 (W)	L 3. Hold th	1 Yellow R ertion jig using left ow wire and insert to 1 using right hand. 2 Orange the insertion jig using left t Orange wire and insert to or slot 2 using right hand.	to an	wire	pull out the	n/a		1. No loose insertion 2. No wrong insertion 3. One by one insertio 4. No deform terminal 5. No wrong wire facin Important reminder 1. Please hold the wire terminal duirng inser 2. Make sure wires a inserted. Conduct Pull-Push-Ptinsertion. Do not exert extra for Document reference 1. Refer to GL-PRO-A Pull-Push procedure. 2. Refer to WI-PRO-C Wire and Strip Lengt	rs/Note/s: re near tion re properly ull-Push after rce. res/: SY-029 for





			WORK INSTRUCTION Effectivity	ty Date:	July 15, 2023	
		Process Name/Title:	OFFLINE ASSEMBLY Validity D	Date:	n/a	
		Model code/Part number:	320B / 7L0053-7025 Customer: TRQSS Car Model: TOYOTA-RAV4 Documen	nt No.:	WI-ENG-PDE-139A	
		Purpose:	□ PROTOTYPE □ PRE-LAUNCH ■ MASSPRO Revision	1 No.:	9 Page No.: 6 of 7	
		,	<u> </u>		<u> </u>	
PARTS:	1. Assy	parts		JIG	1. Insertion jig	
NO.		ROCESS NAME	WORK PROCEDURE/ ILLUSTRATION TO	OOLS/PPE	QUALITY POINTERS	
7	P1	Wire Insertion to Connector 6188-0066 (GR)	1. Hold the insertion jig using left hand. Get the assy parts, insert the Yellow wire to connector slot 1 using right hand. 2. Press the button using right thumb, slot for Orange wire will be opened. 4. After insertion, push the lock using left thumb and then hold the wires and gently pull out the connector from jig using right hand. 3. Get Orange wire then insert to connector slot 2 using right hand.		1. No loose insertion 2. No wrong insertion 3. One by one insertion 4. No deform terminal 5. No wrong wire facing Important reminders/Note/s: 1. Please hold the wire near terminal during insertion. 2. Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. do not exert extra force. Document reference/s: 1. Refer to GL-PRO-ASY-029 for Pull-Push procedure.	

			WORK INSTRUCTION Effectivity Date	; :	July 15, 2023	
		Process Name/Title:	TAPING ASSEMBLY PROCESS Validity Date:		n/a	
		Model code/Part number:	320B / 7L0053-7025 Customer: TRQSS Car Model: TOYOTA-RAV4 Document No.:		WI-ENG-PDE-139A	
		Purpose:	□ PROTOTYPE □ PRE-LAUNCH ■ MASSPRO Revision No.:		9 Page No.: 7 of 7	
PARTS:	1. Assy 2. Black			JIG	n/a	
NO.	Р	ROCESS NAME	WORK PROCEDURE/ ILLUSTRATION TOOLS	/PPE	QUALITY POINTERS	
8	P1	Taping 1 SV tube (Vinyl) to wire near connector	1. Measure from end of SV Tube (Vinyl) up to edge of connector 25±3mm using both hands. Start of taping 2. Get the Black tape using right hand then start taping process using both hands. 2. Get the Black tape using right hand then start taping process using both hands.	4 5 6 7 8 9	Important reminders/Note/s: 1. Please use calibrated/verified measuring tape when getting the measurement. 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	