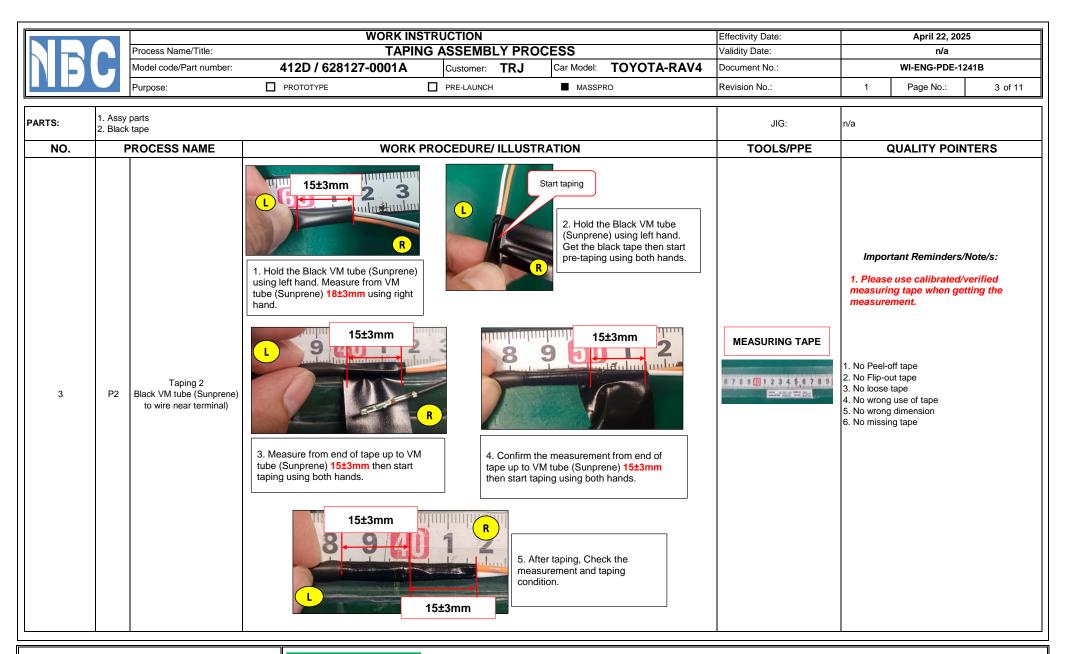
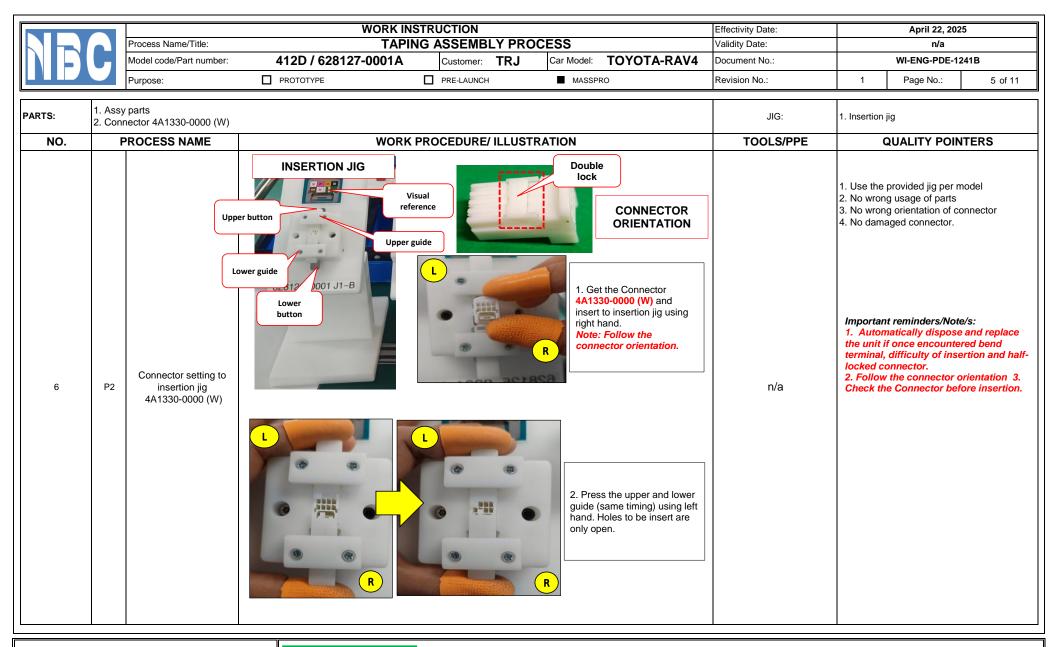
				WORK IN		Effe	ectivity Date:		April 22, 2025			
			Process Name/Title:		NG ASSEMBLY PRO	CESS			idity Date:		n/a	
			Model code/Part number:	412D / 628127-0001A	Customer: TRJ	Car Model:	TOYOTA-RA	V4 Doo	cument No.:		WI-ENG-PDE-12	241B
			Purpose:	☐ PROTOTYPE	PRE-LAUNCH	■ MASSPE	RO	Rev	vision No.:	1	Page No.:	1 of 11
PARTS:		1. Assy pa	arts; Connector 4A1330-0000 (W); B	lack tape; Black VM tube (Sunprene) Ø6, L=47±3m	m;				JIG:	1. Insertion	jig	
N	0.	Р	ROCESS NAME	WORK	PROCEDURE/ ILLUST	RATION			TOOLS/PPE		QUALITY POIN	ITERS
,	ı	P2	Table lay-out	Connector 4A1330-0000 (W)/Box Assy part	TABLE LAY-OUT	Black (Sunp L=47± Inserting B	ppe r/Black pe	- 1 - 1	Safety Instructio Be sure to wear prescribed person protective equipmed during operation (gloves, finger cotect.) Housekeeping Maintain and alway practice 5's. Personal things of the workplace is prohibited. Keep it your locker. Alert level For any trouble, informed Assembly Assist Supervisor or Line Leader for immedia corrective action.	al 1. No missi 2. No excess, ays in ant extend and exte	ng parts/tools ss parts/tools	
				Revision History					Prepared by	Checked by	Reviewed by	Approved by
04/22/25	4	Change I	Purpose from Pre-launch to Mass	nro		M. Ariola	J. Loterte C.	A.Arañes		\bigcirc		
04/22/25	0	Initial issu	ue.	e to end of connector 4A1330 (W).		M. Ariola	J. Loterte C. Villanue	a	M. Ariola	J. Loterte	C. Villanueva	A.Arañes
Eff. Date	Rev. No		<u> </u>	Details of Change			Checked Reviewe		1 7	April 11, 2025	O. Villatiueva	A.A.a.iicə

			WORK IN	Effectivity Date:	April 22, 2025					
		Process Name/Title:		NG ASSEMBLY PR	OCESS		Validity Date:	n/a		
	H	Model code/Part number:	412D / 628127-0001A	Customer: TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-12	41B
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPE	30	Revision No.:	1	Page No.:	2 of 11
PARTS:	1. Assy 2. Black						JIG:	n/a		
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUS	TRATION		TOOLS/PPE	(QUALITY POIN	TERS
2	P2	Taping 1 Blue VM tube (Sunprene) to Wire	15±3mm 5 1 1 2 3 R	3. Confirm the measu from end of tape up to (Sunprene) 15±3mm taping using both han	rement o VM tube then start ds.	2. Hold the Blue VM tube (Sunprene) using left hand. Get the black tape using right hand and start taping process. 15±3mm		1. Pleas measur measur 1. No Peel- 2. No Flip- 3. No loose	off tape ut tape tape g use of tape g dimension	verified

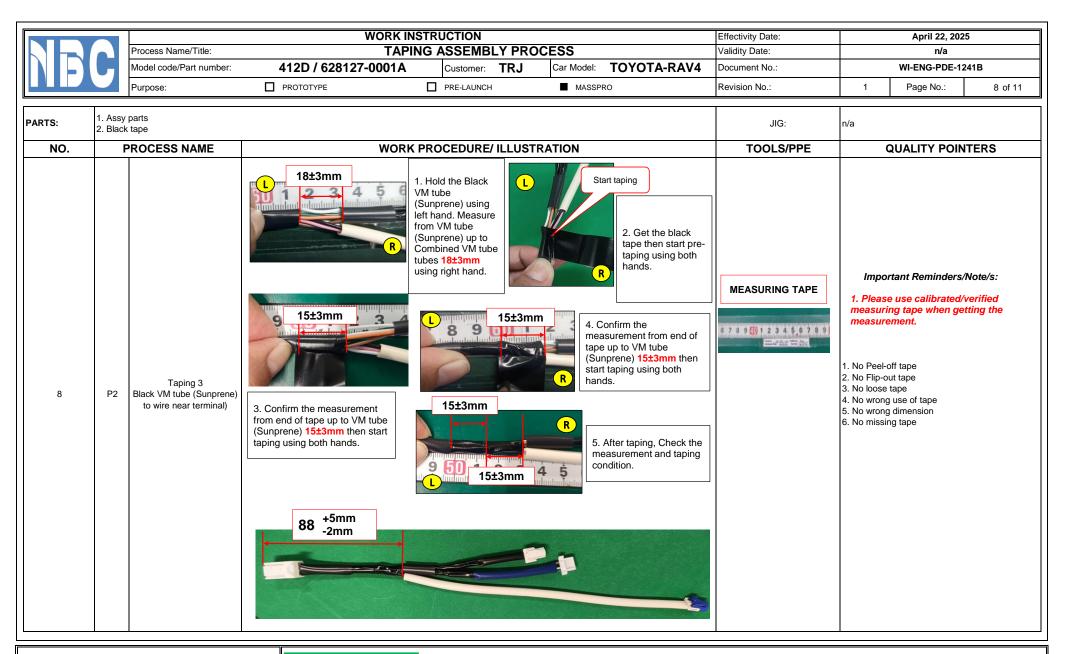


			WORK INS	Effectivity Date:	April 22, 2025					
		Process Name/Title:		G ASSEMBLY PRO			Validity Date:		n/a	
		Model code/Part number:	412D / 628127-0001A	Customer: TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-124	1B
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPR	RO	Revision No.:	1	Page No.:	4 of 11
PARTS:	1. Assy 2. Black	parts VM tube (Sunprene) Ø6, L=	47±3mm				JIG:	n/a		
NO.	F	PROCESS NAME	WORK P	ROCEDURE/ ILLUSTI	RATION		TOOLS/PPE	C	QUALITY POINT	ERS
4		Wire insertion to Black VM tube (Assy parts)	1. Hold the Black VM tube (Swires from Blue VM tube (Su	unprene) (assy parts) usin unprene) using both hands	ng right hand. Ins	sert the		No wrong No deform No tangle		
5	P2	Wire insertion Black VM tube (Sunprene) Ø6, L=47±3mm	Hold the wires using right hand using left hand then insert the wires.	I, get the Black VM tube (es (Assy parts) using both	Sunprene) Ø6,	R , L=47±3mm	n/a	 No wrong One by or No wrong No deform 	insertion.	



			WORK	Effectivity Date:		April 22, 202	:5					
		Process Name/Title:	TA	PING ASSEME	LY PRO	CESS		Validity Date:	n/a			
		Model code/Part number:	412D / 628127-0001	A Customer:	TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-12	241B	
		Purpose:	PROTOTYPE	PRE-LAUNCI	Н	■ MASSPI	RO	Revision No.:	1	Page No.:	6 of 11	
PARTS:	1. Assy	parts						JIG:	1. Insertion	1. Insertion jig		
NO.	F	ROCESS NAME	WO	RK PROCEDURE	/ ILLUSTF	RATION		TOOLS/PPE		QUALITY POIN	ITERS	
7	P2	Wire insertion to Connector 4A1330-0000 (W)	a	tube (Sunprene). He process for W/G and	RIGHT 6 OR 162 2 W/G 184 R Old the BR v d G wires.	7 B 268 3 G 184 L vire and insert	L R		2. No wrong 3. One by o 4. No wrong 5. No defon 6. No stuck Importa 1. Make inserted Push ai Do not 2. Pleas termina 3. Auto replace encoun difficult locked 4. Inser left to r. Docum 1. Refer Push pro 2. Refer	ant reminders/Note sure wires are d. Conduct Pull-lifter insertion. exert extra force se hold the wires all during insertion matically disposithe unit if once tered bend termity of insertion and connector. tion of wires multiple to GL-PRO-ASY-ocedure.	oroperly Push-Pull near n. e and inal, d half- st be from 029 for Pull-	

		1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
				NSTRUCTION	20500	Effectivity Date:		April 22, 202	25
		Process Name/Title:		ING ASSEMBLY PRO		Validity Date:		n/a	
		Model code/Part number:	412D / 628127-0001A	Customer: TRJ	Car Model: TOYOTA-RAV4	Document No.:		WI-ENG-PDE-1	241B
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	7 of 11
							$\overline{\top}$		
PARTS:	1. Assy	/ parts				JIG:	1. Insertion		
NO.	F	PROCESS NAME	WORK	K PROCEDURE/ ILLUST	TRATION	TOOLS/PPE	(QUALITY POIN	ITERS
7	P2	Wire insertion to Connector 4A1330-0000 (W) (Continuation)	3. Press the upper and lower	4. Remove the ass	both hands. sy parts using right hand and and actor is totally locked.	n/a	2. No wron 3. One by 4. No wron 5. No defo 6. No stuck Importar 1. Please 2. Make inserted Conduct insertion Do not e 3. Auton the unit terminal locked of 4. Insert right. Docume 1. Refer 2. Refer Steering procedu	t Pull-Push-Pull- n. exert extra force. natically dispose if once encounte t, difficulty of ins connector. ion of wires mus ent references: to WI-PRO-CNC- to WI-PRO-PDE- Navigation Con ire. to GL-PRO-ASY-	te/s: ear terminal. properly Push after e and replace ered bend ertion and half- et be from left to 1017 1044 for the troller



			WORK I		Effectivity Date: April 22, 2025							
		Process Name/Title:		ING ASSEMBL	Y PROC	ESS		Validity Date:		n/a		
		Model code/Part number:	412D / 628127-0001A			Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-12	241B	
	<u>U</u>	Purpose:	☐ PROTOTYPE	PRE-LAUNCH		MASSPE	30	Revision No.:	1	Page No.:	9 of 11	
PARTS:	2. Master sample							JIG:	n/a			
NO.	F	PROCESS NAME	WOR	K PROCEDURE/ I	LLUSTRA	ATION		TOOLS/PPE	(QUALITY POIN	TERS	
9	P2	Visual/By two's Inspection	1. Check the connector lock. Locking of connector is included in Steering Electrical test. ACTUAL PRODUCT 4. Check the orientation of harness. MASTER SAMPLE		5. Compa	Backing of or no defo	the Terminal if with out (Not fully inserted) ormed terminal.	n/a	1. Refer Electrica	ocument refence, to WI-QAD-QAC-, I Test MASTER SAMPI	252 Steering	

			WORK II	NSTRUCTION		Effectivity Date:		April 22, 202	5
		Process Name/Title:	TAP	ING ASSEMBLY PROC	CESS	Validity Date:		n/a	
		Model code/Part number:	412D / 628127-0001A	Customer: TRJ	Car Model: TOYOTA-RAV4	Document No.:		WI-ENG-PDE-12	41B
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	10 of 11
PARTS:	1. Assy	·				JIG:	n/a		
NO.	F	ROCESS NAME	WORI	K PROCEDURE/ ILLUSTR	RATION	TOOLS/PPE	(QUALITY POIN	TERS
10	P2	Measurement	BR WG P OR	Sunprene tube Ø6 (B) *5 30±5 9 max 20 ene tube Ø4.5(W) Sunprene tube Ø5.5(B)	(a) (b) (a) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	Housing (W) Retainer (W) Sunprene tube Ø4 (B) MEASURING TAPE 7 8 9 10 1 2 3 4 5 6 7 8 9	1. Please tape whe 2. For Ha Owarimo	ant Reminder/s a use calibrated n n getting the me tsumono,Nakam	neasuring asurement. ono and nce/s: -056 For Jakamono

	WORK INSTRUCTI	ON		Effectivity Date:		April 22, 2025					
Process Name/Title:		EMBLY PROCESS		Validity Date:		n/a	•				
		omer: TRJ Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-124	41B				
Purpose: PROTOTYF				Revision No.:	1	Page No.:	11 of 11				
					<u> </u>	5					
PARTS: n/a				JIG:	n/a						
VISUAL INSPECTION/ QUALITY CHECKPOINTS											
P2 628127-0001A											
Check the connector lock. Loc of connector is included in Steer	3. Check the Backing out (No deformed to	Not fully	/ inserted) or							
BLACK VM TUBE (SUNPRENE) Ø6 BLACK VM TUBE (SUNPRENE) dia. Ø 4. No missing tape (Black tape)	(S	CARROLL STATE OF THE STATE OF T	(SUNPI	VM TUBE RENE) Ø4.5	M by	Compare aster san tapping					