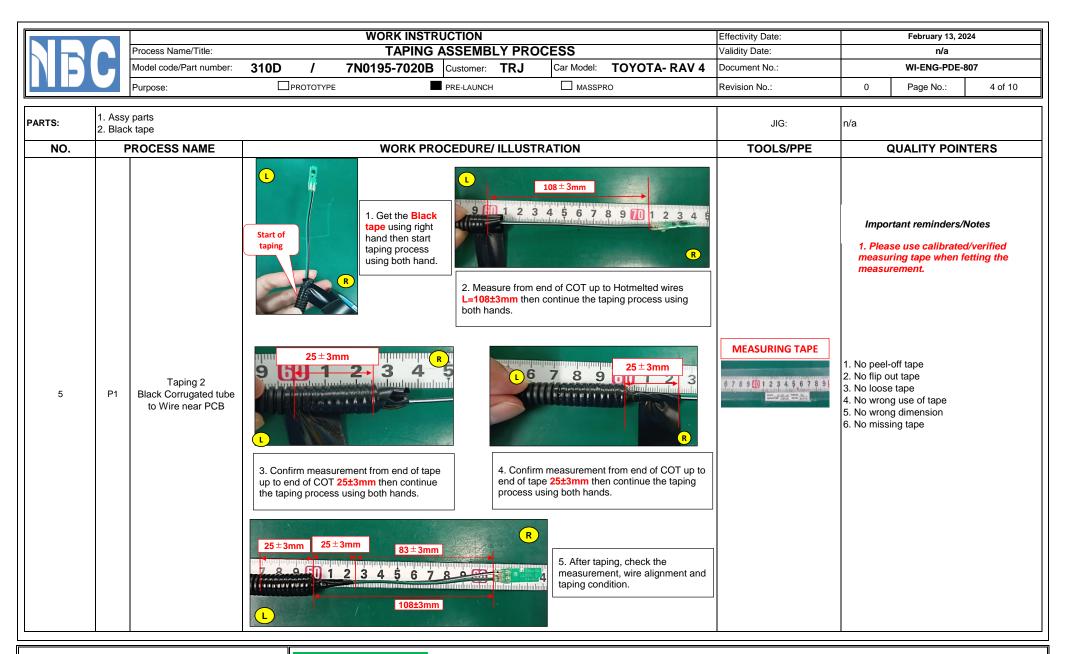
_					WORK INSTRUCTION					Effect	tivity Date:			February 13, 20	24
			Process Name/Title:		TAPING ASSEME	<b>SLY PROC</b>	ESS			Validi	ty Date:			n/a	
			Model code/Part number:	310D /	<b>7N0195-7020B</b> Customer:	TRJ	Car Model:	TOYO	TA- RAV 4	Docur	ment No.:			WI-ENG-PDE-8	307
			Purpose:	PROTOTYPE	PRE-LAUNCI	Н	MASSI	PRO		Revis	ion No.:		0	Page No.:	1 of 10
PARTS:			ector 6189-0451 (W) W CP (TVSSf 0.3 G wires L=	-613±3mm; TVSSf 0.3 E	b/W wires L=613±3mm) 3. Black Co	orrugated tube	(No slit) Ø7,	_=461±3mm	<u> </u>		JIG:	n/a			
N	0.	Р	ROCESS NAME		WORK PROCEDURE	/ ILLUSTR	ATION				TOOLS/PPE		QUALITY POINTERS		
1	1		Wire insertion to Black Corrugated tube (No Slit) Ø7, L=461±3mm	L	R	tonnum manum m	and the second second		R	pr	afety Instructi Be sure to wear rescribed person otective equipme during operation gloves, finger cot etc.)	al ent 1. N		usage of parts ned terminal	
				1. Get the Blac wire using left h	k Corrugated tube (No slit) ø7, L and.	=461±3mm u	sing right ha	nd then ins	ert the	[		!			
		P1			CONNECTOR ORIENTATION			WIRE FA	CING	1. l 2.	Housekeeping Maintain and alw. practice 5's. Personal things the workplace is rohibited. Keep it your locker.	ays 2. N 3. N on 4. C 5. N in 6. N	1. No wrong use of connector 2. No damaged connector 3. No wrong insertion 4. One by one insertion 5. No deformed terminal 6. No wrong wire facing  Important reminder/Notes/:		
2	2 Wire insertion to Connector 6189-0451 (W)  L 1 B/W wire  1. Hold the connector using left hand. Get the Black/White wire then insert to terminal slot 1.								G wire		Alert level For any trouble, inform the Assembly Assistant Supervisor or Line Leader for immediate corrective action.		1. Please hold the wire near term 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. Please refer to WI-PRO-CNC-0 for Wire and Strip length tolerance.		
				using right hand.		terrillina	al slot 2.			Ĺ				e refer to GL-PR Push procedure	
					Revision History				<b>,</b>		Prepared by	Review	ed by	Approved by	Noted by
02/13/24	0	Initial issu	Je				C.Hernandez	C.Villanueva	A. Arañes	n/a	CHernandez	of out C. Villar	)//oco	A. Grailes	n/a
Eff. Date	Rev. No			Details of Ch	ange		Revised	Reviewed	Approved 1	Noted	Est. Date:	February 1		y	

				WORK INSTR	RUCTION		Effectivity Date:	February 13, 2024			
		Process Name/Title:		TAPING	ASSEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	310D /	7N0195-7020B		Car Model:	TOYOTA- RAV 4	Document No.:		WI-ENG-PDE-	307
		Purpose:	□ргототуре		PRE-LAUNCH	☐ MASSPF	RO	Revision No.:	0	Page No.:	2 of 10
PARTS:	1. Assy	parts						JIG:	1. Locking		
NO.	F	ROCESS NAME		WORK PR	OCEDURE/ ILLUST	RATION		TOOLS/PPE	QUALITY POINTERS		
3	P1	Connector lock	on the seque	at connector is in locked ence illustrated.  E PRESSING  R PRESSING	1. Put the connect hand. Then press  L  R  ed condition by slide tou  Check	s to lock 2x using	e lock	LOCKING JIG	1. Man damag	portant reminders  ual locking may led connector lock  provided jig per nocked/half-locked	cause ck

	_			WORK INSTRUC	TION			Effectivity Date:		February 13, 20	24	
		Process Name/Title:			SEMBLY PROC	CESS		Validity Date:		n/a		
		Model code/Part number:	310D /		ustomer: TRJ		TOYOTA- RAV 4	Document No.:		WI-ENG-PDE-8	307	
		Purpose:	☐ PROTOTYPE	■ PR	RE-LAUNCH	MASSPRO		Revision No.:	0	Page No.:	3 of 10	
	4											
PARTS:	1. Assy 2. Black							JIG:	n/a			
NO.	F	ROCESS NAME		WORK PROCE	EDURE/ ILLUSTR	ATION		TOOLS/PPE	C	TERS		
4	P1	Taping 1 Black Corrugated tube to Wire near connector	1. Hold the Corruga left hand, Get the B start pre-taping usin	lack tape and	0~5mm	end of Corrugate or 25±3mm then or sing both hands	ed tube up to continue the	6 7 8 9 40 1 2 3 4 5 6 7 8 9 1	1. Please measurer  1. No peel- 2. No flip of 3. No loose 4. No wron.	off tape ut tape e tape g use of tape g dimension	erified	





WORK INSTRUCTION Effectivity Date: February 13, 2024 Process Name/Title: TAPING ASSEMBLY PROCESS Validity Date: n/a													
		Process Name/Title:		TAPING ASSE	MBLY PROC	ESS		Validity Date:		n/a			
		Model code/Part number:	310D /	<b>7N0195-7020B</b> Custon	mer: TRJ	Car Model:	TOYOTA- RAV 4	Document No.:		WI-ENG-PDE-8	07		
		Purpose:	PROTOTYPE	PRE-LA	MUNCH	☐ MASSPRO	0	Revision No.:	0	Page No.:	5 of 10		
PARTS:	1. Assy 2. Black	parts k VM tube (Sunprene) ø11,	L=97±3mm					JIG:	n/a				
NO.	P	ROCESS NAME		WORK PROCEDI	JRE/ ILLUSTR	ATION		TOOLS/PPE	QUALITY POINTERS				
6		Wire insertion to Black VM tube (Sunprene) ø11, L=97±3mm	1	R	prene) ø11, en insert the left hand.	n/a	1. No wrong use of parts.						
7	P1	Taping 3 Black Corrugated tube to VM tube (Sunprene)	1. Measure the end (Sunprene) up to ho L=31±3mm.	of VM tube	2. Hold the as measure the country to the hotmelt	end of VM tube ed wires L=31:  After taping, ch		**************************************	1. No peel- 2. No flip of 3. No loose 4. No wrong	off tape ut tape tape g use of tape g dimension	/verified		

		February 13, 202	4								
		Process Name/Title:		TAPING ASSE	MBLY PROC	CESS	Validity Date:		n/a		
		Model code/Part number:	310D /	<b>7N0195-7020B</b> Custom	ner: TRJ	Car Model: TOYOTA- RAV 4	Document No.:		WI-ENG-PDE-8	07	
		Purpose:	□ргототуре	PRE-LAI	JNCH	☐ MASSPRO	Revision No.:	0	Page No.:	6 of 10	
PARTS:	1. Clar 2. Clar	mp 82711-48210 (B) [2pcs] mp 82711-33650 (B)		3. Blac	ck tape [5pcs]		JIG:	1. Tempora	ary clamp assembl	y jig	
NO.	I	PROCESS NAME		WORK PROCEDU	RE/ ILLUSTR	ATION	TOOLS/PPE	QUALITY POINTERS			
8	P1	Clamp setting	(B) using right I Clamp location hands.	82711-33650 (I	2	3  2. Get 1pc of clamp 82711-48210 (B) right hand then set to Clamp location rand 3 using both hands.  4. Initially attach BLACK TAPE to local 1,2,3,4 and 5 using both hands.	using no. 2	1. Please start of a wrong u  1. No wron 2. No wron 3. No dama	e check the clamp clamp assembly to se of clamp.  g use of parts g use of tape aged clamp g clamp position	o first before	

				WORK INSTRUCTION		Effectivity Date:			February 13, 2024			
		Process Name/Title:		TAPING ASSEM	<b>BLY PROCE</b>	ESS		Validity Date:		n/a		
		Model code/Part number:	310D /	<b>7N0195-7020B</b> Custome	r: <b>TRJ</b>	Car Model:	TOYOTA- RAV 4	Document No.:		WI-ENG-PDE-8	307	
		Purpose:	□ргототуре	PRE-LAUN	СН	☐ MASSPRO	)	Revision No.:	0	Page No.:	7 of 10	
PARTS:	1. Assy 2. Blac	v parts k tape [5pcs]		JIG:	1. Tempor	Temporary clamp assembly jig						
NO.	F	PROCESS NAME		TOOLS/PPE		QUALITY POINTERS						
9	P1	Clamp assembly	1. Get the assy p put the connector G) within the stop  2. Hold the tape of hand. Make 3 will cut the tape. Product the tape of hand. Make 3 will cut the tape of hand. Make 3 will hand. Make 3 will hand. Make 3 will hand.		2 3 pig using both har e 1. Continue sett lamp.  right then 4. H. Mak tape	ands. (See all titing the harm	on the clamp location response of tape using both has	no. 4 using right hand. nds then cut the	1. Pleas start of wrong u	ortant reminders e check the clam clamp assembly ise of clamp.  Ing use of parts ing use of tape aged clamp ing clamp position	p first before	

				WORK INSTRUCTION		Effectivity Date:		February 13, 202	24	
		Process Name/Title:		TAPING ASSEMBLY PRO		Validity Date:		n/a	···	
		Model code/Part number:	310D / 7	7N0195-7020B Customer: TRJ		Document No.:		WI-ENG-PDE-80	.07	
		Purpose:	□ PROTOTYPE	PRE-LAUNCH	☐ MASSPRO	Revision No.:	0	Page No.:	8 of 10	
PARTS:	n/a					JIG:	n/a			
NO.	I	PROCESS NAME		WORK PROCEDURE/ ILLUST	RATION	TOOLS/PPE	QUALITY POINTERS			
10	P1	Visual/ By two's inspection	ASSEMBLED PARTS  1. Conduct alignment of harness (Master sampled parts) usin hands.	SI (U) of (S) cc proper tal		PRODUCTS  Amp attachment and		checking during in:		

	_			WORK INSTR	RUCTION		Effectivity Date:	February 13, 2024			
		Process Name/Title:			ASSEMBLY PROC	CESS	Validity Date:		n/a		
		Model code/Part number:	310D /	7N0195-7020B	Customer: TRJ	Car Model: TOYOTA- RAV 4	Document No.:		WI-ENG-PDE-8	i07	
		Purpose:	□ргототуре		PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	9 of 10	
PARTS:	n/a							n/a			
NO.	F	PROCESS NAME		WORK PRO	OCEDURE/ ILLUSTR	ATION	TOOLS/PPE	QUALITY POINTERS			
11	P1	Measurement		195±3mm	77±3mm	225±3mm	121±3mm	1. Pleasure 2. For Ha Owarimo	atsumono, Nakar ono cument reference e refer to WI-PRO Assy Hatsumono, no and Owarimor	verified ting the mono and e/s: D-ASY-056	

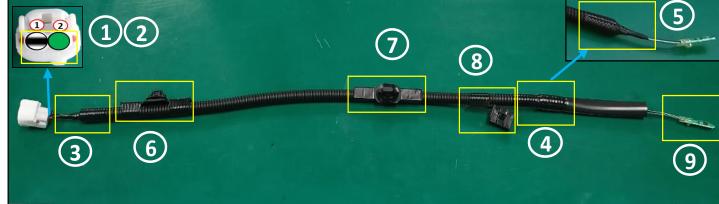
					WORK INSTR	UCTION				Effectivity Date:	February 13, 2024		
		Process Name/Title:			TAPING A	ASSEMB	LY PROC	ESS		Validity Date: n/a			
		Model code/Part number:	310D	1	7N0195-7020B	Customer:	TRJ	Car Model:	TOYOTA- RAV 4	Document No.:		WI-ENG-PDE-	807
		Purpose:	☐ P	ROTOTYPE		PRE-LAUNCH	l	☐ MASSPR	0	Revision No.:	0	Page No.:	10 of 10
PARTS:	n/a									JIG:	n/a		
QUALITY CHECKPOINTS													

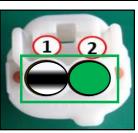
## P1

## 7N0195-7020A

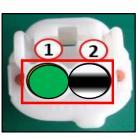


**GOOD** 





**GOOD** 



NO GOOD

No WRONG INSERT
No TERMINAL BACKING OUT
NO UNLOCKED/HALFLOCKED

- 345 No MISSING TAPE
- 6 7 8 No MISSING CLAMP

**NO GOOD** 

9 No DAMAGED PCB/TERMINAL

CONFIDENTIAL: Any misuse or misappropriation, including unauthorized copying, reproduction in any form, disclosure or publishing of this document or any information herein is strictly prohibited.