WORK INSTRUCTION Effectivity Date:												June 11, 2024			
			Process Name/Title: TAPING ASSEMBLY PROCESS Validity Date:									n/a			
	_][[Model code/Part number:	310D /	7N0197-7020A	Customer: TRJ	Car Model:	TOYOTA-R	AV4	Document No.:		WI-ENG-PDE-9	07B		
			Purpose:	□PROTOTYI	PE	PRE-LAUNCH	MASSPI	RO	F	Revision No.:	1	Page No.:	1 of 6		
PARTS:	1	1. Assy	parts; Black VM tube (Sunpre	JIG:	n/a	n/a									
NO		PROCESS NAME WORK PROCEDURE/ ILLUSTRATION										QUALITY POIN	ITERS		
1		Table lay-out Safety Instruction Be sure to wear prescribed personal protective equipment during operation (gloves, finger cots, etc.)									017 for Wire				
					Revision History		1	ı		Prepared by	Reviewed by	Approved by	Noted by		
	+									<u> </u>					
06/11/24	1 0	Change f	rom Pre-Launch to Masspro. Impr	ovement of Measuremen	t and Visual Inspection/Qua	ality Checkpoint	A. Hernandez	C. Villanueva A. Araño	es n/a	ahmander	1/	A MARCO			
06/06/24		Initial Iss	ue				A. Hernandez	C. Villanueva A. Araño	es n/a		2. Villanueva	A. Arañes	n/a		
Eff. Date Re	ev. No			Details of	Change		Revised	Reviewed Approv	red Note	ed Est. Date: J	lune 6, 2024				



			WORK INST	Effectivity Date:	1					
		Process Name/Title:	TAPINO	Validity Date:	n/a					
		Model code/Part number:	310D / 7N0197-7020A	Customer:	TRJ Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-90)7B
		Purpose:	□PROTOTYPE	PRE-LAUNCH	MASSPI	90	Revision No.:	1	Page No.:	2 of 6
PARTS:	1. Assy 2. Black 3. Black		20±3mm	JIG:	n/a					
NO.	F	PROCESS NAME	WORK PI	ROCEDURE/	ILLUSTRATION		TOOLS/PPE	•	QUALITY POIN	TERS
2		Wire insertion to Black VM tube (Sunprene) Ø9 L=120±3mm		1. Get using hand.	n/a	No wrong use of parts no deformed terminal				
3	P2	Taping 3 COT to VM tube (Sunprene)	1. Measure from end of tube up to terminal pointed tip 31±3mm using both hands. 25±3mm 25±3mm from entape up to end of tube then continue the tapin process using both hands.	L L L L L L L L L L L L L L L L L L L	25±3mm	R S±3mm from hen continue hands.		(Vinyl) (Co 2. No flip o 3. No tape 4. No loose	peeling. e tape t reminders/Note/s: use calibrated/verifi g tape when getting	verification)

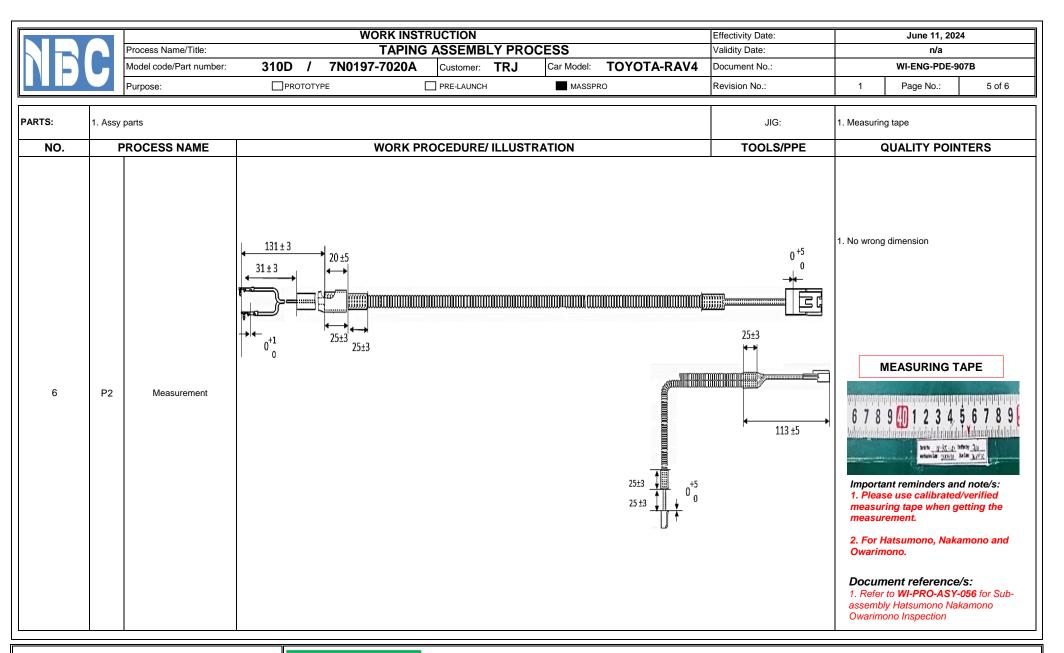
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			WORK INS		Effectivity Date:	4						
		Process Name/Title:		G ASSEMB	LY PRO	Validity Date:	n/a					
		Model code/Part number:	310D / 7N0197-7020A	Customer: TRJ		Car Model:	TOYOTA-RAV4	Document No.:	WI-ENG-PDE-907B			
		Purpose:	PROTOTYPE	PRE-LAUNCH		MASSPE	RO	Revision No.:	1	Page No.:	3 of 6	
PARTS:	1. Assy 2. Black	tape		JIG:	n/a							
NO.	F	PROCESS NAME	WORK F	ROCEDURE/	ILLUSTF	RATION		TOOLS/PPE	(QUALITY POIN	ITERS	
4	P2	Spot taping	Start of taping 2. Get the Black tape using right hand then conduct 2 windings of tape using both hands.	3. After condition	from end connecto	of Combined Cor 55±3mm usin	and wires. Measure COT up to edge of ag both hands.		Importal	off tape tape ng tape g use of tape g use of tape g dimension Wire alignment tole out the tape g dimension	e/s:	



			WORK INST	RUCTION	Effectivity Date:	June 11, 2024				
		Process Name/Title:	TAPINO	G ASSEMBLY PROC	Validity Date:	n/a				
		Model code/Part number:	310D / 7N0197-7020A	Customer: TRJ	Car Model: TOYOTA-RAV4	Document No.:	WI-ENG-PDE-907B			
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	4 of 6	
PARTS:	1. Assy 2. Black	< tape				JIG:	n/a			
NO.	I	PROCESS NAME	WORK PI	ROCEDURE/ ILLUSTR	RATION	TOOLS/PPE	C	QUALITY POINTERS		
5	P2	Y-taping	3. Wind the tape 1/3 shifting until it reach the wires (must be tape width) taping direction tape shifting 1/3 below 25	2. Start taping at the middle tape going to 2 corrugated to with tape (25mm) 5±3mm 4. Wind the pe shifting 1/3 below ape. Cover the spot tape & connector 55±3mm then	Note: Do not exert excessive force during pulling & winding of tape 25±3mm of combined COT & wires, then wind the ubes (2 windings), width must be same taping direction tape shifting 1/2 below tape backward 1/2 shifting 55±3mm 0 ~ 5mm 6. After taping, check the measurement and taping condition.	MEASURING TAPE 6 7 8 9 1 2 3 4 5 6 7 8 9 1 2 3 4 5 6 7 8 9 1 2 3 4 5 6 7 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1. Please us tape when 2. Used yell	off tape tape ng tape I dimension	ent. alize the	





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						WORK INSTRU	Effectivity Date:	June 11, 2024 n/a						
			Process Name/Title:			TAPING A	TAPING ASSEMBLY PROCESS							
	-1		Model code/Part number:	310D	1	7N0197-7020A	Customer:	TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-90)7B
			Purpose:	☐ PRO	TOTYP	E \square	PRE-LAUNCI	Н	MASSPR	0	Revision No.:	1	Page No.:	6 of 6
PARTS:	ļ	n/a									JIG:	n/a		
VISUAL INSPECTION/QUALITY CHECKPOINTS														

P2

7N0197-7020A



No Missing Tape (y-taping)

2 No Wrong Used of tape

(3)

No Deformed terminal

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