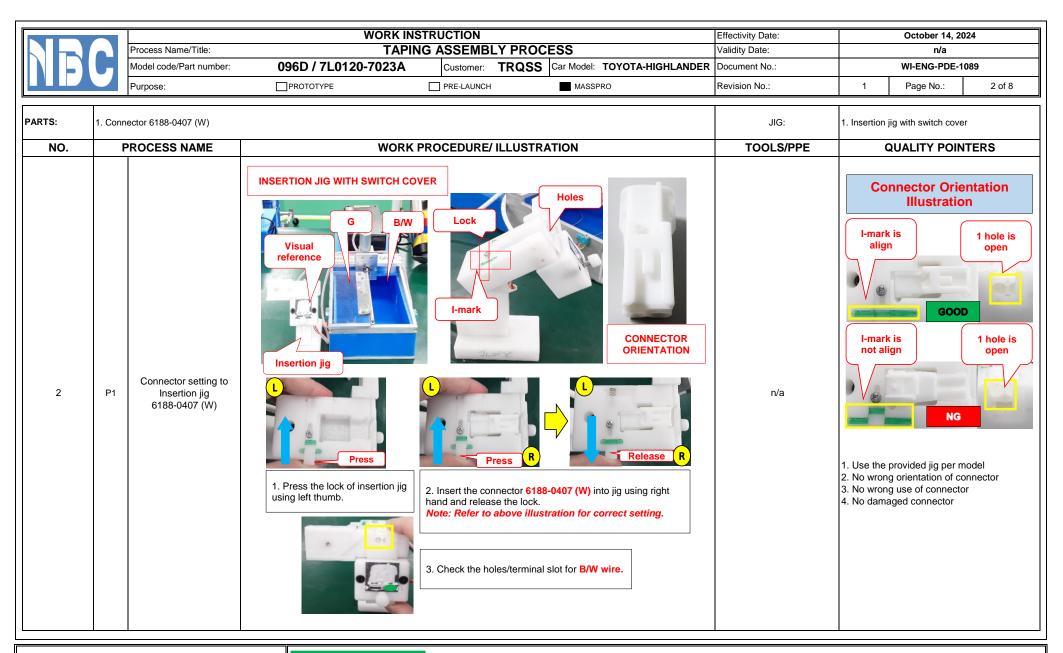
WORK INSTRUCTION Effectivity Da									October 14, 2024			
			Process Name/Title:		NG ASSEMBLY PRO		Validity Date:		n/a			
			Model code/Part number:	096D / 7L0120-7023A	Customer: TRQS	Car Model: TOYOTA-HIGHLANDE	R Document No.:		WI-ENG-PDE-10	89		
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	1 of 8		
PARTS:  1. All parts: Connector 6188-0407 (W); TVSSf 0.3 G-B/W L=614mm±3mm; Black corrugated tube Ø5 L= 417±3mm (no slit); Yellow tape [1pc]; Black VM tube (Sunprene) Ø5 L=125±3mm							JIG:	JIG: 1. Insertion jig with switch cover				
NC	O. PROCESS NAME WORK PROCEDURE/ ILLUST				RATION	QUALITY POINTERS						
1			Table Lay-out	TVSSf 0.3 (B/W & G) wires L=614±3mm	Connector 6188-0407 (W)/Connector tray	Corrugated tube Ø5 L=417±3mm (no slit)	Safety Instruction  Be sure to wear required personal protective equipment during operation (gloves, finger cots, etc.)	Document reference/s: 1. Refer to WI-PRO-CNC-017 for Wire				
		P1			Ø5 L=125±3mm  Yellow tape/ Tape Holder		Housekeeping  1. Maintain and always practice 5's.  2. Personal things on the workplace is prohibited. Keep it in your locker.	Strip Length Tolerance.  1. No missing parts/tools 2. No excess parts/tools				
				Assy p	arts (Control of the Control of the	Black tape/ Tape Holder	Alert level For any trouble, inform the Assembly Assistant Supervisor or Line Leader for immediate corrective action.					
				Revision History			Prepared by R	Reviewed by	Approved by	Noted by		
10/14/24	1	Change	purpose from Pre-launch to Mas	spro.		M.Ariola C.Villanueva A. Arañes	N/A March A	// h ·//	Alax			
10/09/24	0	Initial issu	ıe.			M.Ariola C.Villanueva A. Arañes	N/A M. Ariola	/out/)//ou Villanueva	A. Arañes	n/a		
Eff. Date R	Rev. No			Details of Change			1 17	per 9, 2024	7 (4135)	140		



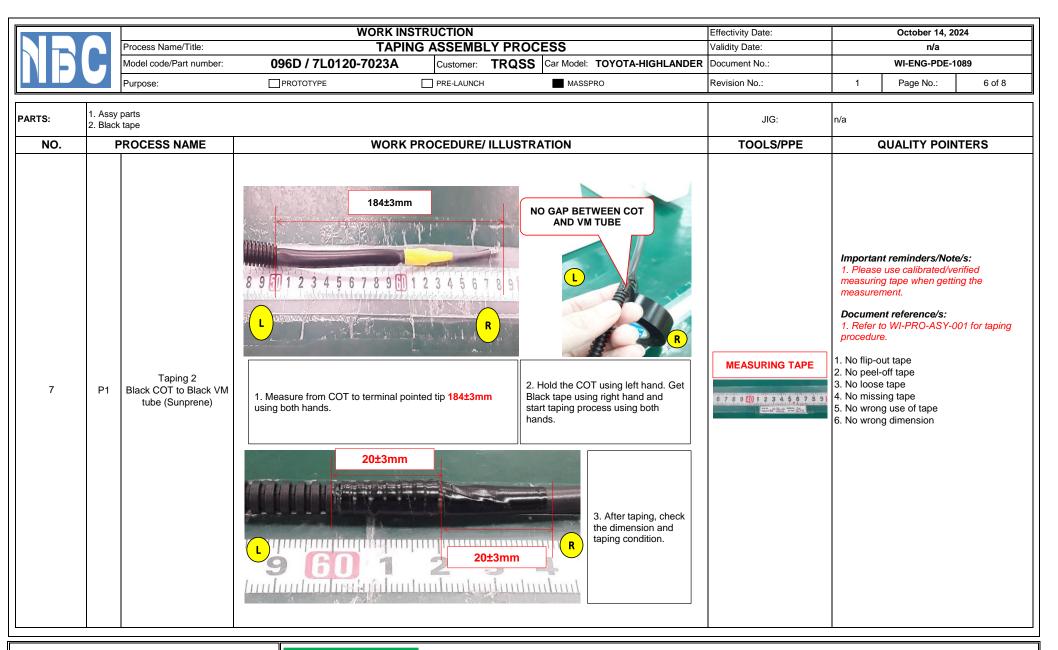


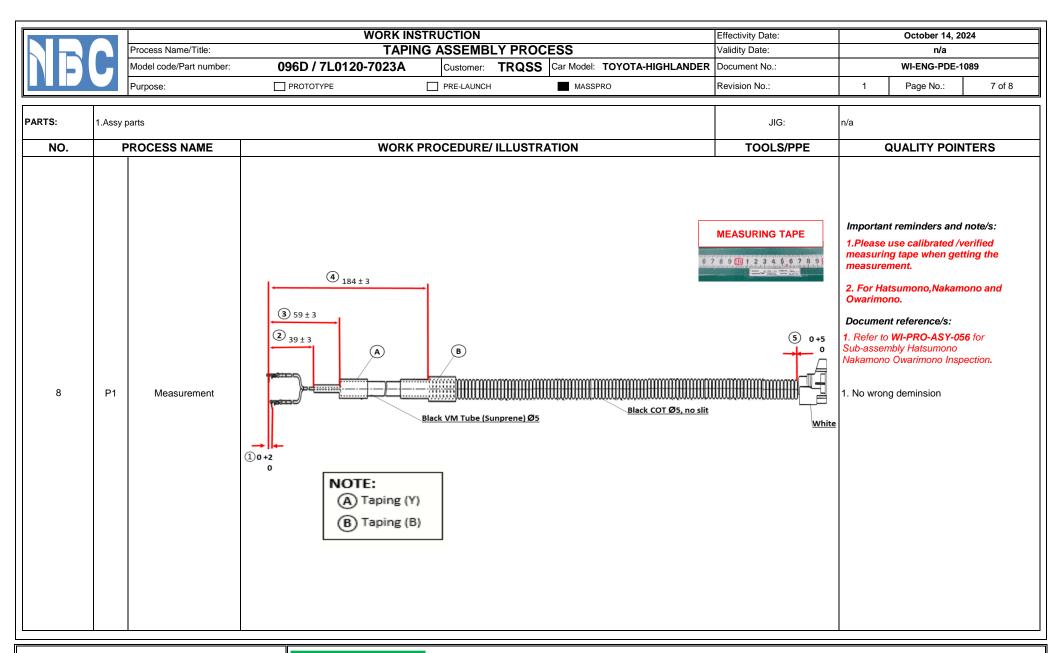
	_		WORK INS	Effectivity Date:	October 14, 20	124				
	$\mathbf{A}$	Process Name/Title:		IG ASSEMBLY PRO	CESS		Validity Date:		n/a	
	H	Model code/Part number: 096D / 7L0120-7023A Customer: TRQSS Car Model: Tr		TOYOTA-HIGHLANDER	Document No.: WI-ENG-PDE-			089		
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSP	PRO	Revision No.:	1	Page No.:	3 of 8
PARTS:	1. TVS	Sf 0.3 wires B/W-G L=614±	3mm				JIG:	Insertion jig with switch cover		
NO.	F	PROCESS NAME	PROCEDURE/ ILLUSTR	RATION		TOOLS/PPE	QUALITY POINTERS			
3	P1	Wire Insertion to Connector 6188-0407 (W)	1. Hold the Insertion jig using left hand.  1. Hold the Insertion jig using left hand.  1. Hold the Insertion jig using left hand.  2. Green wire then insert to terminal slot 1 using right hand.  3. Get Green wire then insert to term using right hand.	for Green wir	ion, push the I	Press  Oock using left thumb digently pull out the		1. Refer to and Strip 2. Please for Pull-P  Importar 1. Make so inserted. Conduct insertion. Do not experience 2. No wron 3. One by 4. No deformand Strip 2. Please for Pull-Pull-Pull-Pull-Pull-Pull-Pull-Pull	e insertion	e. -ASSY-029 9/s: perly

			WORK INS	Effectivity Date:	October 14, 2024					
		Process Name/Title:	TAPIN	Validity Date:	n/a					
		Model code/Part number:	096D / 7L0120-7023A	Customer: TRQSS	Car Model: TOYOTA-HIGHLANDER	Document No.:		WI-ENG-PDE-10	89	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	4 of 8	
PARTS:	S: 1. Assy parts 2. Black Corrugated tube Ø5 L=417±3mm (no slit)						1. Terminal cover jig			
NO.	PROCESS NAME WORK PROCEDURE/ ILLUSTRATION					TOOLS/PPE	QUALITY POINTERS			
4	P1	Wire insertion to Black Corrugated tube Ø5 L=417±3mm (no slit)	1. Get the terminal cover jig using right hand then insert the G and B/W wires.  2. Get the Corrugated Ø5 L=417±3mm (no sli using right hand and insert the G and B/W wires.  3. After insertion, remove the terminal cover jig using right hand.			TERMINAL COVER JIG  1. No wrong use of parts 2. No deformed terminal				
5		Wire insertion to Black VM tube (Sunprene) Ø5 L=125±3mm	L	1. G  Ø5 inse hand	Set the Black VM tube (Sunprene) L=125±3mm using right hand and and the G and B/W wires using left d.	n/a	1. No wron	g use of parts		

			WORK INS	Effectivity Date: October 14, 2024							
		Process Name/Title:	TAPIN	IG ASSEMBLY PROC	ESS	Validity Date:	n/a				
		Model code/Part number:	096D / 7L0120-7023A	Customer: TRQSS	Car Model: TOYOTA-HIGHLANDER	Document No.:		WI-ENG-PDE-10	89		
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	5 of 8		
PARTS:	1. Assy 2. Black	parts VM tube (Sunprene) Ø5 L=12	5±3mm	3. Yellow tape		JIG:	n/a				
NO.	PROCESS NAME		WORK	PROCEDURE/ ILLUSTRA	ATION	TOOLS/PPE	QUALITY POINTERS				
6	P1	Taping COT to wire near terminal	1. Measure from end of VM tube (S 59mm using both hands.	2. Hold the st yellow tape u process.	unprene tube using left hand, get using right hand and start taping.  After taping, check the limension, taping condition and vire alignment.		Important 1. Please measuring measuren 1. Refer to procedure 1. No flip-o 2. No peel- 3. No loose 4. No missi 5. No wron-	t reminders/Note/suse calibrated/verig g tape when getting nent. at reference/s: b WI-PRO-ASY-00 b. uut tape off tape	s: fied g the		





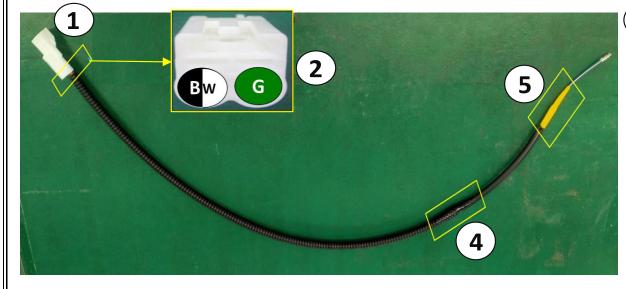




		WORK INSTRUCTION						Effectivity Date:	October 14, 2024		
		Process Name/Title:	TAPINO	LY PROC	Validity Date:	n/a					
		Model code/Part number:	096D / 7L0120-7023A	Cus	tomer:	TRQSS	Car Model: TOYOTA-HIGHLANDER	Document No.:		WI-ENG-PDE-10	)89
		Purpose:	PROTOTYPE	PRE	-LAUNCH		MASSPRO	Revision No.:	1	Page No.:	8 of 8
PARTS: 1. Assy parts							JIG:	n/a			
VISUAL INSPECTION/ QUALITY CHECKPOINTS											

## **TAPING - P1**

## 7L0120-7023A



- No Unlocked/Half-locked connector
- (2) No Wrong Insert
- (3) No Terminal Backing Out
- (4) No Missing tape (BLACK)
- **5** No Wrong color of tape (Yellow)
- 6 No Deformed terminal

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