	WORK INSTRUCTION Effectivity Date:									October 01, 2024			
			Process Name/Title:		NG ASSEMBLY PROC				ity Date:		n/a		
		5	Model code/Part number:	780B / 7R0103-7023B	Customer: TRMX	Car Model: TC	YOTA-TUNDR	A Docu	ment No.:		WI-ENG-PDE-10	78B	
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO		Revis	sion No.:	1	Page No.:	1 of 7	
PARTS:	Tape									locking ji	Insertion jig Iocking jig Measuring jig		
N	0.	P	ROCESS NAME	WORK	PROCEDURE/ ILLUSTRA	ATION			TOOLS/PPE		QUALITY POIN	ITERS	
1		P2	Table lay-out	Assy parts Locking jig	Insertion jig C MR SW CP (TVSSf 0.3 wires G-B/W L=737±3mm) Measuring	Ø5 L=1 Black Corrug L=355±3mi	(Sunprene) 35±3mm lated tube ø7 m (no slit) Blue Tape/ ape Holder	1. 2 p	Safety Instruction Be sure to wear prescribed person rotective equipme during operation (gloves, finger cot etc.) Housekeeping Maintain and alwa practice 5's. Personal things the workplace is rohibited. Keep it your locker. Alert level or any trouble, infort e Assembly Assist Supervisor or Line eader for immedia corrective action.	al al al ant better the control of t	ng parts/tools s parts/tools		
				Revision History				•	Prepared by	Reviewed by	Approved by	Noted by	
10/01/24	1	Change t	from Pre-launch to Masspro.			D.Castillo Villa	C. A. Arañes	n/a		1/1 :11	Alax		
09/24/24	0	Initial issu	ue. Transfer some process from I	P1 and transfer Taping 3 and Y-taping process	to P3 due to process improvement.		C. anueva A. Arañes	n/a	D. Castillo	C. Villanueva	A. Arañes	n/a	
Eff. Date	Rev. No			Details of Change		Revised Rev	viewed Approved	Noted /	Est. Date:	September 24, 2024			

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			WORK INS	Effectivity Date:		October 01, 2024				
		Process Name/Title:	TAPIN	IG ASSEMBLY P		Validity Date:		n/a		
		Model code/Part number:	780B / 7R0103-7023B	Customer: TRI	MX Car Model: TOYOTA-TUNDRA	Document No.:	WI-ENG-PDE-1078B			
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	■ MASSPRO	Revision No.:	1	Page No.:	2 of 7	
PARTS:		ube (Sunprene) ø5 L=135±3m SW CP (TVSSf 0.3 wires G-B/		3. Blue tape		JIG:	n/a			
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLU	ISTRATION	TOOLS/PPE	(QUALITY POIN	TERS	
2		Wire insertion to VM tube (Sunprene) ø5 L=135±3mm	I)	R	1. Get the VM tube (Sunprene) ø5 L=135±3mm using left hand then insert the G-B/W hot melted wires (MR SW CP) by using right hand.	n/a		ng use of parts rmed terminal		
3	P2	Taping 2 VM tube to wire near PCB	1. Hold the VM tube (Sunprene) using Measure the end of VM tube (Sunpren of hot melted wires 51±3mm using right 20±3mm 31	ie) up to the edge	2. Hold the Sunprene tube using left hand. Get the Blue tape using right hand then start taping process using both hands. 3. After taping, check the measurement and taping condition.	10 7 8 9 40 1 2 3 4 5 6 7 8 9 1 1 2 3 4 5 6 7 8 9 1 1 2 3 4 5 6 7 8 9 1 1 2 3 4 5 6 7 8 9 1 1 2 3 4 5 6 7 8 9 1 1 2 3 4 5 6 7 8 9 1 1 2 3 4 5 6 7 8 9 1 2 3	1. Plea measu measu Docum 1. Refe taping 1. No flip- 2. No peel 3. No loos 4. No miss 5. No wror	-off tape e tape	/verified etting the	

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			WORK IN	STRUCTION		Effectivity Date:		October 01, 202	24
		Process Name/Title:	TAPIN	NG ASSEMBLY PRO	CESS	Validity Date:		n/a	
		Model code/Part number:	780B / 7R0103-7023B	Customer: TRMX	Car Model: TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-107	′8B
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	3 of 7
PARTS:	1. Assy 2. Black	parts Corrugated tube (no slit) ø7	L=355±3mm	JIG: n/a					
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUSTR	RATION	TOOLS/PPE	(QUALITY POINT	TERS
4	P2	Wire insertion to Black Corrugated tube (no slit) ø7 L=355±3mm	1. Hold the assy parts using left hanget the corrugated tube ø7 L=355±3mm using right hand then insert the assy parts (MRSW CP) using left hand.	R R		n/a		g use of parts med terminal	
5		Wire insertion to Assy parts (Combined)	1. Get the assy parts using left hand. L=208±3mm using right hand.	R	vire to corrugated tube ø7	n/a		g use of parts med terminal	

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		Process Name/Title:		IG ASSEMBLY PROC		Validity Date:	n/a		
		Model code/Part number:	780B / 7R0103-7023B	Customer: TRMX	Car Model: TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-10	78B
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	4 of 7
PARTS: 1.	. Assy	parts				JIG:	1. Insertion	jig	
NO.	Р	ROCESS NAME	WORK F	PROCEDURE/ ILLUSTR	ATION	TOOLS/PPE		QUALITY POIN	TERS
6	P2	Connector setting to Insertion jig 6189-1142 (W)	Insertion Jig Visual reference R 1. Press the lower wire guide using right thumb to make sure connector with inserted wires will be inserted.	2. Press the Insertion assy parts and insertions.	Connector Orientation Itation R Press on jig lock using left thumb. Get the ent the connector using right hand.	n/a	Impo 1. Use prov 2. No wrong 3. No wrong		nole is open s/Note/s: prientation

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		Process Name/Title:	TAPING A	ESS	Validity Date:	n/a			
		Model code/Part number:	780B / 7R0103-7023B	Document No.:	WI-ENG-PDE-1078B				
		Purpose:	☐ PROTOTYPE ☐	PRE-LAUNCH	■ MASSPRO	Revision No.:	1	Page No.:	5 of 7
PARTS:	1. Assy	parts				JIG:	1. Insertion	jig	
NO.	ı	PROCESS NAME	TOOLS/PPE	QUALITY POINTERS					
7	P2	Wire Insertion to connector 6189-1142 (W)	1. Hold the insertion jig using left hand. Get the Yellow wire then insert to terminal slot using right hand. L G wire R 3. Get the Orange wire then insert to terminal slot 2 using right hand.	2. Press the Orange wire	Terminal facing Pe button using right thumb. Slot for e will be opened. R Ush the lock using left thumb and and gently pull out the connector	n/a	Importa 1. Please 2. Make : inserted. Conduct insertion Do not e Docum 1. Refer Push pro 1. No loose 2. No wrong 3. One by o 4. No defon 5. No wrong Note:	ant reminders/Ne hold the wire neasure wires are property of Pull-Push-Pull-Pull-Pull-Pull-Pull-Pull-Pull-Pul	lote/s: ar terminal. operly ush after 29 for Pull-

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		Process Name/Title:	TAPING ASSE	EMBLY PROC	ESS	Validity Date:		n/a				
		Model code/Part number:	780B / 7R0103-7023B Custo	omer: TRMX	Car Model: TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-10	78B			
		Purpose:	☐ PROTOTYPE ☐ PRE-L	AUNCH	■ MASSPRO	Revision No.:	1	Page No.:	6 of 7			
PARTS:	1. Assy	parts				JIG:	1. Locking jig					
NO.	F	PROCESS NAME	WORK PROCED	TOOLS/PPE	(QUALITY POIN	TERS					
8	P2	Connector lock	BEFORE PRESSING	1. Put the contright hand ther connector lock	nector into locking jig using in press 2x. Check the if properly lock.		1. MAN DAMAG 1. Use the p 2. No unlock	ant reminders/indextude to the connector of the connector	AY CAUSE			

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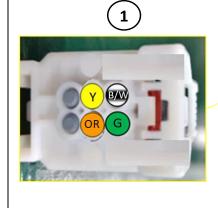
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		WORK INSTRUCTION E						Effectivity Date:	fectivity Date: October 01, 2024			
		Process Name/Title:	TAPIN	IG A	SSEMBL	Y PROC	ESS	Validity Date:		n/a		
		Model code/Part number:	780B / 7R0103-7023B		Customer:	TRMX	Car Model: TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-10	78B	
		Purpose:	☐ PROTOTYPE		PRE-LAUNCH		MASSPRO	Revision No.:	1	Page No.:	7 of 7	
PARTS:	1. Assy	parts						JIG:	n/a			

VISUAL INSPECTION/ QUALITY CHECKPOINTS

TAPING - P2

7R0103-7023B





- (1) No WRONG INSERT
- 2 No UNLOCKED/ HALF-LOCKED CONNECTOR

- **No TERMINAL BACKING OUT**
- 4 No MISSING TAPE/ NO WRONG USE OF TAPE (BLUE TAPE)

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