	WORK INSTRUCTION									Effec	tivity Date:			February 13, 202	24	
			Process Name/Title:			G ASSEMB	LY PROC	ESS			Valid	ity Date:		-	n/a	
			Model code/Part number:	780B /	/ 7R0104-7023A	Customer:	TRMX	Car Model:	TOYOT	A-TUNDF	RA Docu	ment No.:			WI-ENG-PDE-55	7A
			Purpose:	PROTO	TYPE	PRE-LAUNCH	1	MASSE	PRO		Revis	sion No.:		5	Page No.:	1 of 8
PARTS:	<u></u>	MRSW	/ parts: Connector 6189-11 CP TVSSf 0.3 B/W-G L=7		f 0.3 B wires L=756±3mm	1		<u> </u>	ene) ø5 L=	:106±3mm;		JIG:	2. Lo	ertion j	9	
NO).	F	PROCESS NAME		WORK P	ROCEDURE	/ ILLUSTR	ATION				TOOLS/PPE		Q	UALITY POINT	TERS
1		<u>/</u> :	Table Lay-out	Insertion jig	Black SV tube (Vinyl) ø5 L=233±3mm	Assy part	Before A	Ssembly F 0.3 B wires 56±3mm	BI (St @5 L=	ack VM Inprene) =106±3mm W CP TVSS 3-B/W wires 7:757±3mm	p pr ((Be sure to wear rescribed person otective equipmeduring operation gloves, finger cot etc.) Housekeeping Maintain and alw practice 5's. Personal things the workplace is rohibited. Keep it your locker. Alert level or any trouble, information and provided in the Assembly Assis Supervisor or Lineader for immedia corrective action	Document I Provide American I Pr	lease re taping lease re and S lease re ne asse	nt reference/s: efer to WI-PRO-K y without Vinyl tub efer to WI-PRO-C trip Length tolera. efer to WI-ENG-P embly process ag parts/tools s parts/tools	CIT-005 for ne. CNC-017 for nce
	1				Revision History			1				Prepared by	Reviewed	by	Approved by	Noted by
2/13/24	5	(Process	some process to Offline assem s 6). Provision of measuring jig. /M tube (Sunprene). Inclusion o	Update table lay-out	t. Change term from Vinyl tube	o encountered out to SV tube (Vinyl)	of tolerance and Sunprene	D.Castillo	C. Villanueva	A. Arañes	n/a					
)1/19/23	4	tube to v	Taping 1: Black Viny tube to wi wire near terminal and hotmelted Checkpoints.					M. Ariola	J. Loterte	C. Villanueva	A. Arañes	Jetus	Jone Till	House	Alex	
1/15/22	3	Change	table lay-out. Remove Insertion	on ling Bland transfer to D2					D. Castillo	C. Villanue	eva	A Arañes	n/a			
ff. Date	Rev. No			Details	of Change			Revised	Reviewed	Approved	Noted	Est. Date:	July 19, 2022	2		

	WORK INSTRUCTION Effectivity Date: February 13, 2024												
		Process Name/Title:		G ASSEMBLY PROC	CESS	Validity Date:		n/a	•				
		Model code/Part number:	780B / 7R0104-7023A	Customer: TRMX	Car Model: TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-557A					
		Purpose:	□ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	5	Page No.:	2 of 8				
	1					1		-					
PARTS: 5	1. Assy 2. Blac	parts k SV tube (Vinyl) ø5 L= 23	3±3mm			JIG:	n/a						
NO.	F	PROCESS NAME	WORK F	ROCEDURE/ ILLUSTR	ATION	TOOLS/PPE	QUALITY POINTERS						
2	P1	Wire insertion to Black SV tube (Vinyl) ø5 L= 233±3mm	1. Get the SV tube (Vinyl) ø5 L= 23 using left hand.	33±3mm using right hand th	nen insert the Y-OR wires	n/a	1. No wron 2. No defor	g use of parts med terminal					

			WORK IN		Effectivity Date:		February 13, 20)24	
		Process Name/Title:		NG ASSEMBLY PROC	ESS	Validity Date:	1	n/a	
		Model code/Part number:	780B / 7R0104-7023A		Car Model: TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-55	7A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	5	Page No.:	3 of 8
PARTS:	1. Coni	nector 6189-1161 (B)				JIG:	1. Insertior	n jig	
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUSTRA	ATION	TOOLS/PPE	QUALITY POINTERS		
			INSERTION JIG Visual reference Visual reference Visual reference Visual reference				CONNECTOR ORIENTATION ILLUSTRATION 1 hole is open GOOD		NC
3	P1	Connector setting to insertion jig 6189-1161 (B)	Press 1. Press the insertion jig lock using left thumb. Guide	to insertion jig. Release the lo	Release R 161 (B) using right hand and insert ock after insertion. 3. Press the guide using left thumb. The slot for Y wire will be opened.	N/A	No wrong No wrong		

			WORK INS	TRUCTION			Effectivity Date:		February 13, 2	024	
		Process Name/Title:	TAPING ASSEM	IBLY PROCESS			Validity Date:		n/a		
		Model code/Part number:	780B / 7R0104-7023A	Customer: TRMX	Car Model: To	OYOTA-TUNDRA	Document No.:		WI-ENG-PDE-55	7A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO		Revision No.:	5	Page No.:	4 of 8	
PARTS:	1. Assy						JIG:	1. Insertion jig			
NO.	F	ROCESS NAME	WORK P	ROCEDURE/ ILLUST	RATION		TOOLS/PPE	QUALITY POINTERS			
4	P1	Wire insertion to connector 6189-1161 (B)	1. Hold the insertion jig using left ha Get the Y wire and insert to connect using right hand. 1. Orange wire	WIRE And. 2. slo L 4. left ar	Press the button used for OR wire will be and then had gently pull out the gusing right hand.	Press R sh the lock using hold the wires		I. No loose 2. No wron 3. One by 0 4. No defor 5. No wron Importa 1. Make s Conduct Insertion Do not ext 2. During seal to pre 1. Please Wire and 2. Please	e insertion	lote/s: erly inserted. ush after wire not rubber cNC-017 for nce.	

	WORK INSTRUCTION Effectivity Date: February 13, 2024												
		Process Name/Title:		ASSEMBLY PROC	2500		 	-	024				
				Validity Date:		n/a							
		Model code/Part number:	780B / 7R0104-7023A	Customer: TRMX	Car Model: TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-55	57A				
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	5	Page No.:	5 of 8				
PARTS:	1. Ass	<i>r</i> parts			JIG:	1. Locking jig							
NO.	I	PROCESS NAME	WORK PF	TOOLS/PPE	QUALITY POINTERS								
5	P1	Connector lock	1. Put the connector into locking using rhand and then press 2x using both hand	Before Pro NG Unlock Condition	essing After Pressing NG GOOD Half lock Condition Full lock Condition	LOCKING JIG	1. Manual connector 1. Use the	provided jig tool peck/half-locked conr	e damaged er model				

		WORK INST		Effectivity Date: February 13, 2024					
	Process Name/Title:	TAPING	S ASSEMBLY PROC	CESS	Validity Date:	n/a			
	Model code/Part number:	780B / 7R0104-7023A	Customer: TRMX Car Model: TOYOTA-TUNDR		Document No.:	WI-ENG-PDE-557A			
	Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	5 Page No.: 6 of 8			
PARTS:	1. AVSSf 0.3 B wires L=756±3mm 2. MRSW CP TVSSf 0.3 G-B/W L	i [2pcs] =757±3mm	3. Yellow tape		JIG:	n/a			
NO.	PROCESS NAME	WORK PR	ROCEDURE/ ILLUSTR	ATION	TOOLS/PPE	QUALITY POINTERS			
6	5		1. Fix the pointed ti 2. Hold the Yellow tap		1. No flip-out tape				
	Taping 1 Spot taping		Note: Posibeside Bla	of tape using both hands. ition of spot taping must be right ick tape. Check the wire alignment and bing condition.	n/a	2. No peel-off tape 3. No loose tape 4. No missing tape 5. No wrong use of tape 6. No wrong dimension			
7	Wire insertion to Black VM tube (Sunprene) ø5 L=106±3mm	1. Get the G-B/W hotmelted wires (MR CP) and B-B wires L=756±3mm using hands then hold using left hand.	both using right har	It tube (Sunprene) ø5 L= 106±3mm and then insert the G-B/W ires and B-B wires using left hand.	n/a	Document reference/s: 1. Please refer to WI-PRO-CNC-017 for Wire and Strip length tolerance. 1. No wrong use of parts 2. No deformed terminal			

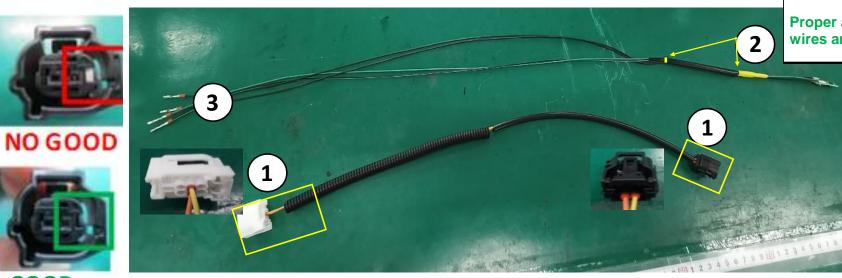
			WORK INS		Effectivity Date:	February 13, 2024				
		Process Name/Title:	TAPIN	NG ASSEMBLY PROC	CESS		Validity Date:		n/a	
		Model code/Part number:	780B / 7R0104-7023A		_	TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-5	57A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPR	0	Revision No.:	5	Page No.:	7 of 8
PARTS:	1. Assy 2. Yello		JIG:	1.Measurii	1.Measuring jig					
NO.	F	ROCESS NAME	WORK	PROCEDURE/ ILLUSTR	RATION		TOOLS/PPE	QUALITY POINTERS		
8	P1	Taping 2 Black VM tube (Sunprene) to wire near terminal and hotmelted wires	1. Hold the VM tube (Sunprene) using Measure from end of VM tube (Sunprene) edge of hotmelted wires 80±3mm and VM tube (Sunprene) up to the termina 88±3mm using the provided measuring tape width	g left hand. rene) up to the d from end of all pointed tip ing jig. 2. Hold thand. G hand the hands.	Get the Yellow to the start taping processing the start taping processing the start taping, check the start taping, check the start taping, check the start taping, check the start taping taping the start taping	unprene) using left ape using right process using both		Vise Yi View Yi V	-off tape out tape	y. rified

NB	C		WORK INS		Effectivity Date:		February 13, 2024				
		Process Name/Title:	me/Title: TAPING ASSEMBLY PROCESS					n/a			
		Model code/Part number:	780B / 7R0104-7023A	Customer: TRMX	Car Model: TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-5	57A		
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	5	Page No.:	8 of 8		
PARTS:	N/A					JIG:	N/A				
	QUALITY CHECKPOINTS										

P2

7R0104-7023A

No Missing tape(yellow tape)



Proper alignment of B-B wires and hotmelt

GOOD

No WRONG INSERT
No UNLOCKED/HALFLOCKED

NO TBO

TAPE WIDTH /
60±3mm vt to hotmelt
68±3 mm vt to 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.