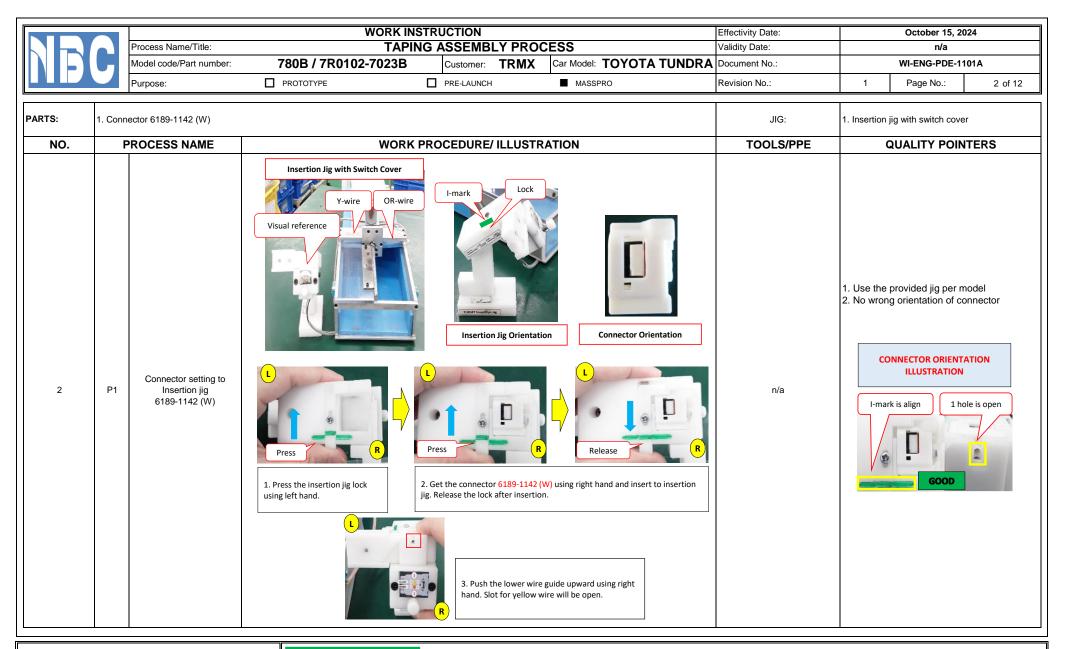
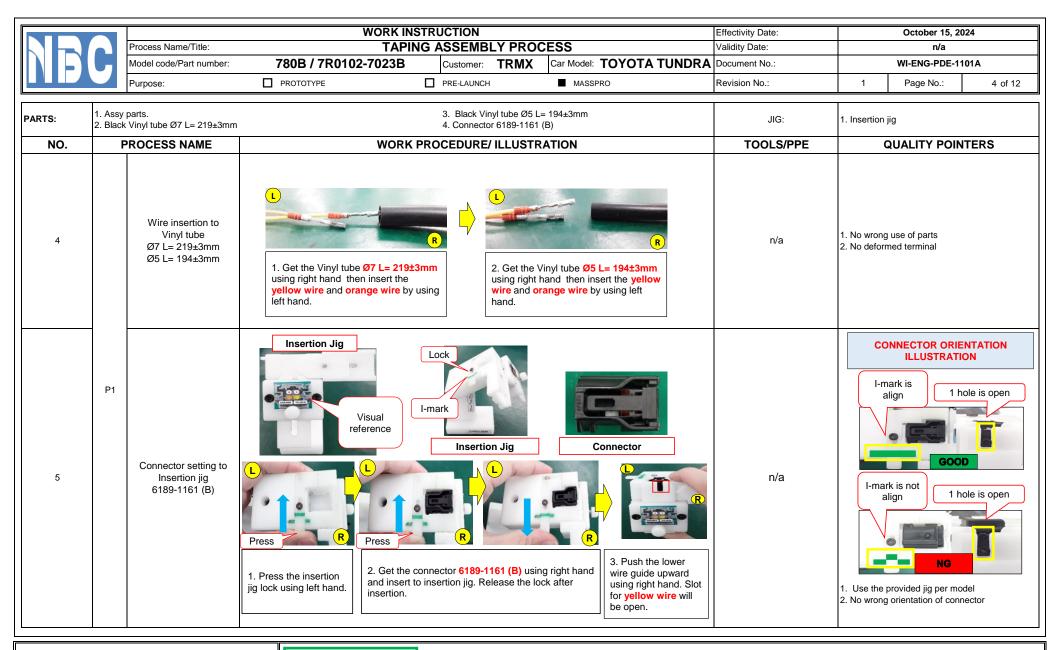
		_		WORK INS	STRUCTION		Effectivity Date:	October 15, 2024
			Process Name/Title:		IG ASSEMBLY PRO	CESS	Validity Date:	n/a
			Model code/Part number:	780B / 7R0102-7023B	Customer: TRMX	Car Model: TOYOTA TUNDRA	Document No.:	WI-ENG-PDE-1101A
			Purpose:	☐ PROTOTYPE	☐ PRE-LAUNCH	■ MASSPRO	Revision No.:	1 Page No.: 1 of 12
PARTS:		L=219±3		tor 6189-1161 (B); AVSSf 0.3 wires Y L=460 94±3mm; Black Sunprene tube Ø5 L=135±3 Ø7 L=205±3mm (no slit).			JIG:	Insertion jig w/ switch cover & insertion jig only Locking jig Terminal cover jig
N	D. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION TOOLS/PPE QUAL				QUALITY POINTERS			
1		P1	Table Lay-out	1142 (W)/ Connector tray L= 219: AVSSf 0.3 wires Y L=460±2mm cover Insertion jig 2	Table Lay-out State	Black Sunprene tube Ø5 L=135±3mm Black COT Ø7 L=205±3mm (no slit)	Safety Instruction Be sure to wear prescribed personal protective equipment during operation (gloves, finger cots, etc.) Housekeeping 1. Maintain and always practice 5's. 2. Personal things on the workplace is prohibited. Keep it in your locker. Alert level For any trouble, inform the Assembly Assistant Supervisor or Line Leader for immediate corrective action.	1. No missing parts/tools 2. No excess parts/tools Document reference/s: 1. Please refer to WI-PRO-CNC-017 for Wire and Strip Length tolerance. 2. Please refer to WI-PRO-KIT-005 for Wire Taping without Vinyl tube.
				Revision History			Prepared by Re	eviewed by Approved by Noted by
10/15/24	1			Change pre-launch to mass pro		A.Hernandez C. Villanueva A. Arañes r	Va Ohmonder	out form
10/14/24	0			Initial issue.		A.Hernandez C. Villanueva A. Arañes r	A.Hernandez ()	Villanueva A. Arañes n/a
Eff. Date	Rev. No			Details of Change		Revised Reviewed Approved No	oted Est. Date: Octobe	er 14, 2024

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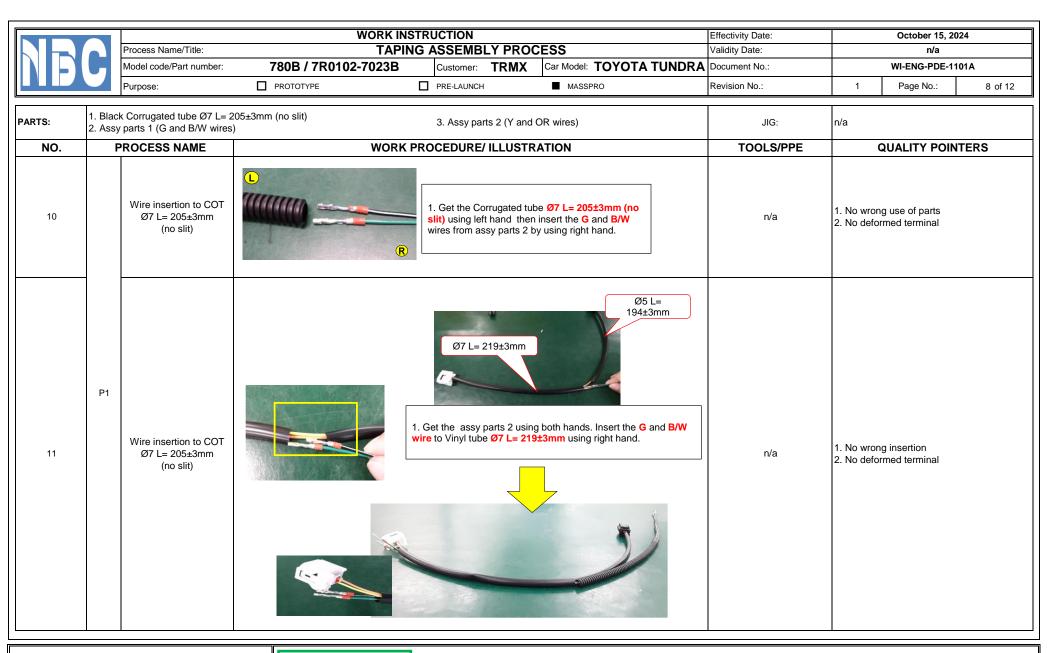
Process Name/Title: Model code/Part number: 780B / 7R0102-7023B Customer: TRMX Car Model: TOYOT/Purpose: PROTOTYPE PRE-LAUNCH MASSPRO	Effectivity Date:		October 15, 20	124
Purpose: PROTOTYPE PRE-LAUNCH MASSPRO PARTS: 1. AVSSf 0.3 wires Y L=460±2mm, OR L=460±2mm NO. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION Wire facing	Validity Date:	n/a		
PARTS: 1. AVSSf 0.3 wires Y L=460±2mm, OR L=460±2mm NO. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION Wire facing	A TUNDRA Document No.:		WI-ENG-PDE-11	01A
NO. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION Wire facing	Revision No.:	1	Page No.:	3 of 12
Wire facing	JIG:	1. Insertion	jig with switch cove	r
L	TOOLS/PPE	(QUALITY POIN	TERS
Wire Insertion to connector 6189-1142 (W) 1. Hold the insertion jig using left hand. Get the Yellow wire and insert to connector using right hand. 2. Press the button using right thum for Orange wire will be open. 1. Hold the insertion jig using left hand. Get the Yellow wire and insert to connector using right hand. 2. Press the button using right thum for Orange wire will be open. 4. After insertion, push the lock using and then hold the wires and gently push or gight hand.	Press b. slot n/a	1. Make inserted Conductinsertion Do not e 2. During rubber s 1. No loose 2. No wron 3. One by 4. No defor 5. No wron 5. No wron 5. No wron 5. No wron 6.	e insertion one	pperly ush after the wire not the sagging. the sagging.

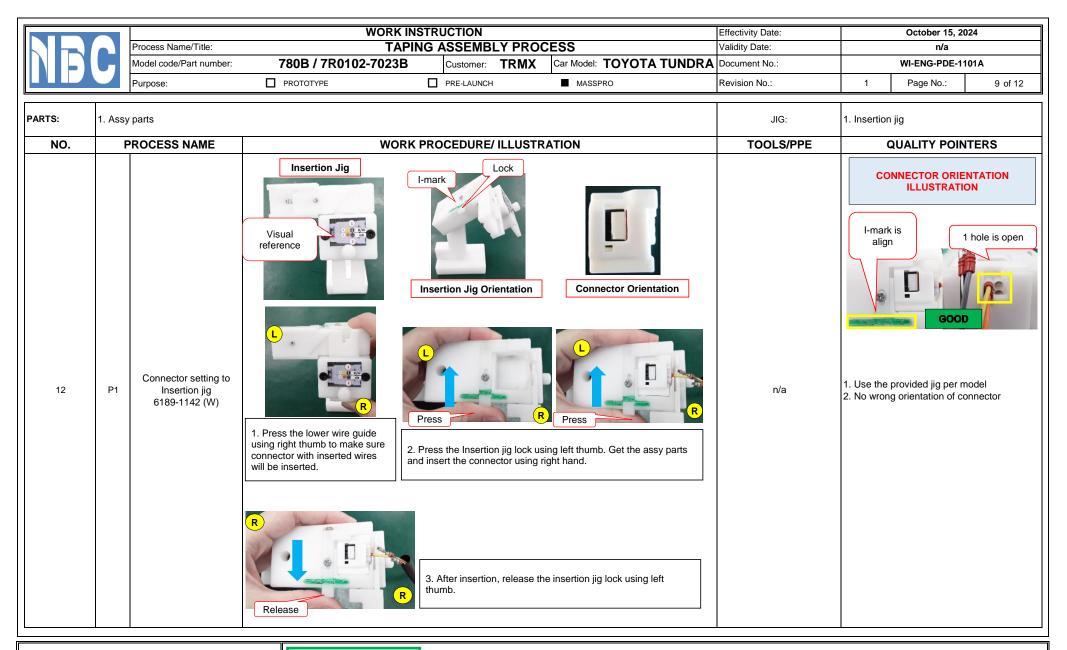


			WORK INS	Effectivity Date:	October 15, 2024				
		Process Name/Title:	TAPIN	CESS	Validity Date:	n/a			
		Model code/Part number:	780B / 7R0102-7023B	Customer: TRMX	Car Model: TOYOTA TUNDRA	Document No.:		WI-ENG-PDE-11	01A
		Purpose:	PROTOTYPE	PRE-LAUNCH	■ MASSPRO	Revision No.:	1	Page No.:	5 of 12
PARTS:	PARTS: 1. Assy parts					JIG:	1. Insertion	jig	
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUSTI	RATION	TOOLS/PPE	(QUALITY POIN	TERS
6	P1	Wire insertion to connector 6189-1161 (B)	1. Hold the insertion jig using left han Get the Yellow wire and insert to connector using right hand. 2 Orange wire L 3. Get the Orange wire and insert to connector using right hand.	R 4. lef	Press the button using right thumb. It for Orange wire will be open. After insertion, push the lock using fit thumb and then hold the wires and ently pull out the connector from jig sing right hand.	n/a	1. Make inserted Conductinsertion Do not 6 2. During rubber s 1. No loose 2. No wron 3. One by 4. No defo 5. No wron 4. No defo 5. No wron 5. Refe and Str. 2. Refe	t <u>Pull-Push-Pull-Pu</u> n. exert extra force. g insertion, hold the teal to prevent the	nce/s:

				RK INSTRUCTION		Effectivity Date:		October 15, 202	24
		Process Name/Title:		TAPING ASSEMBLY PRO		Validity Date:		n/a	
		Model code/Part number:	780B / 7R0102-702	Customer: TRMX	Car Model: TOYOTA TUNDRA	Document No.:		WI-ENG-PDE-110	1A
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	■ MASSPRO	Revision No.:	1	Page No.:	6 of 12
PARTS:	1. Assy 2. Black 3. MR S	parts Sunprene tube Ø5 L= 135±3 SW CP (TVSSf 0.3 wires G L=	mm (642mm;B/W L=642mm)	JIG:					
NO.		PROCESS NAME	TOOLS/PPE	QUALITY POINTERS					
7	P1	Connector lock	NG Unlock Condition	Put the connector into locking jig us x. Check the connector lock if prope BEFORE PRESSING NG GOOD Half Lock Condition Full Lock Condition	sing both hands and then press rly lock. AFTER PRESSING	LOCKING JIG	1. Manua damaged 1. Use provi	nt reminders/Note al locking may ca d connector lock ided locking jig per n /half-locked connect	used
8		Wire insertion to Sunprene tube Ø5 L= 135±3mm	1. Get the Sunpren G and B/W hotmelt	e tube Ø5 L= 135±3mm using left had be wires by using right hand.	and then insert the	n/a		1. No wrong use of 2. No deformed ter	

			WORK IN	STRUCTION			Effectivity Date:		October 15, 20)24
		Process Name/Title:	TAPIN	NG ASSEMBLY P	ROCESS		Validity Date:	n/a		
		Model code/Part number:	780B / 7R0102-7023B	Customer: TR		TOYOTA TUNDRA	Document No.:		WI-ENG-PDE-11	01A
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	■ MASSF	PRO	Revision No.:	1	Page No.:	7 of 12
PARTS:	1. Black						JIG:	n/a		
NO.	F	PROCESS NAME WORK PROCEDURE/ ILLUSTRATION				TOOLS/PPE	QUALITY POINTERS			
9	P1	Taping 1 Sunprene tube to wire near PCB	1. Hold the Sunprene tube using left Measure the end of Sunprene up to thotmelted wires 51±3mm using right	he edge of hand. Ge sta	Hold the Sunprene to the Black tape using taping.	the measurement	MEASURING TAPE	1. Please measuring measurer 1. No peel- 2. No flip o 3. No loose	-off tape out tape	rified





	_		WOR	K INSTRUCTION		Effectivity Date:		October 15, 20	24
		Process Name/Title:		APING ASSEMBLY PR	ROCESS	Validity Date:	n/a		
	H	Model code/Part number:	780B / 7R0102-702		•	Document No.:		WI-ENG-PDE-11	01A
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	■ MASSPRO	Revision No.:	1	Page No.:	10 of 12
PARTS:	1. Assy	parts				JIG:	1. Insertion	jig	
NO.	F	PROCESS NAME	WC	TOOLS/PPE	QUALITY POINTERS				
13	P1	Wire insertion to Connector (Assy parts)	upward	left thui gently p	Wire terminal facing 2. Insert the B/W wire using right hand. 4. Hold the G wire and insert to connector using right hand. r insertion, press the lock using mb and then hold the wires and pull out the connector from jig ight hand.	n/a	1. Make inserted. Conduct insertion. Do not e. 2. During the rubbs 1. Reference of the rubbs o	g insertion one insertion remed terminal g wire facing fortant reminders/lesure wires are property of the prop	perly sh after e wire not the sagging. ce/s:

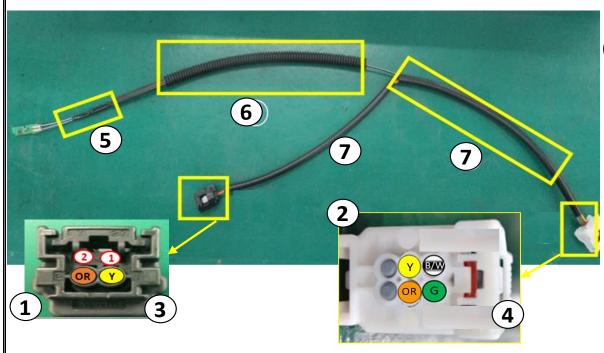
			WORK IN	STRUCTION		Effectivity Date:		October 15, 20	124	
		Process Name/Title:	TAPIN	NG ASSEMBLY PROC	ESS	Validity Date:		n/a		
		Model code/Part number:	780B / 7R0102-7023B	Document No.:	WI-ENG-PDE-1101A					
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	11 of 12	
PARTS:	1. Assy	parts				JIG:	n/a			
NO.	F	PROCESS NAME	WORK	WORK PROCEDURE/ ILLUSTRATION				QUALITY POINTERS		
14	P1	Connector lock	BEFORE PRESSING	Put the connector into locking press 2x. Check the	ing jig using right hand then ctor lock if properly lock. RESSING		2. No unloc	provided locking j k/half-lock conne ged connector	ig per model ctor	

MB		WORK INSTRUCTION					Effectivity Date:	October 15, 2024			
		Process Name/Title:	TAPIN	IG ASSE	MBL'	Y PROC	ESS	Validity Date:		n/a	
		Model code/Part number:	780B / 7R0102-7023B	Custon	ier:	TRMX	Car Model: TOYOTA TUNDRA	Document No.:		WI-ENG-PDE-11	01A
		Purpose:	☐ PROTOTYPE	☐ PRE-LA	JNCH		MASSPRO	Revision No.:	1	Page No.:	12 of 12
PARTS:	n/a							JIG:	n/a		
TAICIO.	II/a							313.	II/a		

VISUAL INSPECTION/ QUALITY CHECKPOINTS

TAPING - P1

7R0102-7023B



- 1 2 No Wrong Insert
- 3 4 No Half locked/ Unlocked Connector
 - 5 No Missing Tape
 - (6) No Missing COT
 - 7 No Missing Vinyl
 - (8) No Deformed Terminal
 - 9 No Terminal Backing Out

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