				WORK II	NSTRUCTION		Effectivity Date:	September 19, 2024		
			Process Name/Title:	TAP	ING ASSEMBLY PR	ROCESS	Validity Date:	n/a		
	-1		Model code/Part number:	920B / 7R0122-7022	Customer: TRN	Car Model: TOYOTA-TACOMA	Document No.:	WI-ENG-PDE-721A		
			Purpose:	PROTOTYPE	PRE-LAUNCH	■ MASSPRO	Revision No.:	2 Page No.: 1 of 10		
PARTS:			parts: AVSSf 0.3 wires Y L=3t nyl) ø7 L= 314±3mm; Black ta		m; Connector 7188-0996 (W);	; Black twisted tube Ø5 L=182±4mm; Black SV	JIG:	Insertion jig with controller     Insertion jig with switch cover     Insertion jig with switch cover		
NO	Ο.	P	ROCESS NAME	WORK	K PROCEDURE/ ILLU:	STRATION	TOOLS/PPE	QUALITY POINTERS		
1		P1	Table lay-out	Connector 7188 (W)/ Connector to Insertion Jig D Insertion Jig E Insertion Jig C	tube (1) ±3mm	Black twisted tube Ø5 L=182±4mm  AVSSf 0.3 wires B/W L=384±2mm  AVSSf 0.3 wires G L=384±2mm  Black tape/ Tape holder	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.	Document reference/s:  1. Refer to WI-PRO-CNC-017 for Wire and Strip Length Tolerance  2. Refer to WI-ENG-PDE-720 for 7R0122-7021A Offline Assembly Process  1. No missing parts/tools  2. No excess parts/tools		
	•			Revision History	y		Prepared by F	Reviewed by Approved by Noted by		
						C. A Aug 7 au				
09/19/24	2		I Visual inspection/Quality check			Villanueva A. Aranes I	n/a rañes			
09/01/23		Inititial iss	<u> </u>	•		Villanueva	rañes destulo	// // // // // // A. Aranes n/a		
Eff. Date	Rev. No			Details of Change			/	ember 01, 2023		



			WORK IN	STRUCTION		Effectivity Date:		September 19, 2	024
		Process Name/Title:		NG ASSEMBLY PRO	CESS	Validity Date:		n/a	
		Model code/Part number:	920B / 7R0122-7022	Customer: TRMX	Car Model: TOYOTA-TACOMA	Document No.:		WI-ENG-PDE-72	21A
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	■ MASSPRO	Revision No.:	2	Page No.:	2 of 10
PARTS:	1. Conn	ector 6098-3909 (W)			JIG:	1. Insertion jig with switch cover			
NO.	F	ROCESS NAME	WORK	PROCEDURE/ ILLUSTR	RATION	TOOLS/PPE QUALITY PO			TERS
2	P1	Connector setting to insertion jig 6098-3909 (W)	Side wire  Visual  B/W  Push button  Hole  Press	1. Push the low wire guide using left hand, the slot for BW wire will opened.  3. Insert to	e de la companya de l	II/a	1. Use pro 2. No wron 3. No wron	withe connector orient insert the inverted in inverted in insert the inverted in invert	entation d connector.

	_		WORK INS	TRUCTION		Effectivity Date:		September 19, 20	24
		Process Name/Title:		IG ASSEMBLY PRO	CESS	Validity Date:		n/a	
	H	Model code/Part number:	920B / 7R0122-7022	Customer: TRMX	Car Model: TOYOTA-TACOMA			WI-ENG-PDE-72	IA
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	3 of 10
PARTS:		Sf 0.3 wires Y L=384±2mm Sf 0.3 wires OR L=384±2mm				JIG:	Insertion jig with switch cover		
NO.	F	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION			TOOLS/PPE		ERS	
3	P1	Wire insertion to Connector 6098-3909 (W)	1. Get the Black/white wire using right hand then insert to terminal slot 1 using right hand.  Green wire  2  Green wire  R  3. Get the Green wire using right hand then insert to terminal slot 2 using right hand.	2. Press the for Green w  4. After insertion thumb and the	e button using left hand, the slot rire will be opened.  Press  on, press the lock guide using left en hold the wires and gently pull ctor from jig using right hand.	n/a	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	the pull-Push-Pull-Pull-Pull-Pull-Pull-Pull-Pull-Pul	er terminal. operly esh after

			WORK INST			Effectivity Date:		September 19, 20	124
		Process Name/Title:		S ASSEMBLY PROC		Validity Date:		n/a	
	7	Model code/Part number:	920B / 7R0122-7022	Customer: TRMX	Car Model: TOYOTA-TACOMA	Document No.:		WI-ENG-PDE-72	1A
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	4 of 10
		SV tube (Viny) Ø7 L=314±3r					1. Locking ji		
NO.	P	ROCESS NAME	WORK PF	ROCEDURE/ ILLUSTR/	ATION	TOOLS/PPE	(	QUALITY POINT	ERS
4	P1	Connector lock	1. Put the connector into locking jig using right hand then press 2x using both hands. Touch the connector lock to confirm if properly locked.  Before Pressing  Aft	2. Ensure that connector to touching the connector is illustrated.	r is in locked condition by slide ock based on the sequence  DNNECTOR LOCK CONDITION  GOOD  NG  Fully Locked  UnLocked	LOCKING JIG	1. MANU DAMAG  Docume 1. Refer locking lock  1. Use the p	ant reminders/NJAL LOCKING MAID CONNECTOR ent reference/s: to WI-PRO-KIT- and checking of provided locking jig po	Y CAUSE  -001 Proper connector
5		Wire insertion to Black SV tube (Vinyl) Ø7 L=314±3mm	1. Get the Black SV tube (Viny) Ø7 L=31 hand.	R 4±3mm using right hand the	en insert the all wires using left			g use of parts med terminal	

			WOR	Effectivity Date:		September 19, 2024			
	$\triangle$	Process Name/Title:		TAPING ASSEMBLY PROC	CESS	Validity Date:		n/a	
		Model code/Part number:	920B / 7R0122-70		Car Model: TOYOTA-TACOMA	Document No.:		WI-ENG-PDE-72	21A
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	■ MASSPRO	Revision No.:	2	Page No.:	5 of 10
PARTS:	1. Conn	ector 7188-0996 (W)	JIG:	Insertion jig with controller					
NO.	F	ROCESS NAME	TOOLS/PPE	QUALITY POINTERS					
6	P1	Connector setting to insertion jig 7188-0996 (W)	Button Guide 7R0122-7020A  Connector 2. Insu	L	Reset  Re	n/a	Can connect     Use prov     No wrong     No wrong	tant reminders/ not insert the inver- ctor.  ided jig per model g usage of parts g orientation of conn ged connector	ted

			WOR	K INSTRUCTION			Effectivity Date:		September 19, 2	:024
		Process Name/Title:		APING ASSEMBL	Y PROCI		Validity Date:		n/a	
		Model code/Part number:	920B / 7R0122-70	Customer:	TRMX	Car Model: TOYOTA-TACOMA	Document No.:		WI-ENG-PDE-72	21A
		Purpose:	PROTOTYPE	☐ PRE-LAUNCH		MASSPRO	Revision No.:	2	Page No.:	6 of 10
PARTS:	1. Assy	parts	WORK PROCEDURE/ ILLUSTRATION			JIG:	Insertion jig with controller			
NO.	F	PROCESS NAME	W	ORK PROCEDURE/ I	LLUSTRA	TION	TOOLS/PPE	QUALITY POINTERS		TERS
7	P1	Wire insertion to Connector 7188-0996 (W)	1. Get the Yellow wire then insert to terminal slot 1 using right hand. Conduct Pull-Push-Pull-Push after insertion.	2. Press the button us hand. The slot for Orawire will be opened.  4. Slide the lock using right thumb and then hold the wires and gently pull out the connector from jig using left hand.	h Button  R  ing left inge  5. After rer conduct P hand to co	3. Get the Orange wire then insert to terminal slot 2 using right hand. Conduct Pull-Push-Pull-Push. After insertion, press the button using left hand. GO sound will be heard.  Push  R  Push  R  Push  R  pushing (1x) of Y wire using right infirm that wire is fully inserted. Be process for OR wire.		Importa 1. Please 2. Make Conduct insertion Do not e 3. Insertit conduct 4. Insertit will not in 5. Condu- removing 6. Pushii one of et  Docum 1. Refer Push pro 2. Refer	ant reminders/le hold the wire neasure wires are propull-Push-Pull-Push-Pull-Push-Pull-Push-Pull-Push-Pull-Push-Pull-Push-Pull-Push-Pull-Pushing of wire at the connector frong of wires will be overy inserted wires the connector frong of wires will be overy inserted wires the connector frong of wires will be overy inserted wires the connector frong of wires will be overy inserted wires the connector frong of wires will be overy inserted wires the connector frong of wires will be overy inserted wires the connector frong of wires will be overy inserted wires the connector frong of wires will be overy inserted wires the connector frong of wires will be overy inserted wires the connector frong of wires will be overy inserted wires the connector frong of wires will be over the connector frong of the	ar terminal. perly inserted. sh after  will not sh method. Yellow wire onds. s. after im jig. done one by  29 for Pull-

			WORK INSTRUCTION						September 19, 2024			
		Process Name/Title:			SSEMBLY PROC	CESS	Effectivity Date:  Validity Date:		n/a			
		Model code/Part number:	920B /	<b>7R0122-7022</b> Cus	stomer: TRMX	Car Model: TOYOTA-TACON	A Document No.:		WI-ENG-PDE-721A			
		Purpose:	☐ PROTOTYPE	☐ PRE	E-LAUNCH	MASSPRO	Revision No.:	2	Page No.: 7 of 10			
PARTS:	1. Assy	parts					JIG:	1. Insertion	jig with controller			
NO.	F	PROCESS NAME		WORK PROCE	DURE/ ILLUSTRA	TION	TOOLS/PPE	(	QUALITY POINTERS			
8	P1	Connector setting to insertion jig 7188-0996 (W) (Assy parts)	Button  7R0122-7020A  Connector Orientation	Visual reference Slider lock Guide	Adjustal Slide  1. Slide the slide lo  Release	Reset	n/a	Use prov     No wrong     No wrong	tant reminders/Note/s: not insert the inverted ctor.  ided jig per model g usage of parts g orientation of connector iged connector			

				INSTRUCTION		Effectivity Date:		September 19, 2	024
		Process Name/Title:		PING ASSEMBLY PRO		Validity Date:		n/a	
		Model code/Part number:	920B / 7R0122-702	2 Customer: TRM)	Car Model: TOYOTA-TACOMA	Document No.:		WI-ENG-PDE-72	21A
		Purpose:	☐ PROTOTYPE	☐ PRE-LAUNCH	■ MASSPRO	Revision No.:	2	Page No.:	8 of 10
PARTS:	1. Assy	parts				JIG:	1. Insertion	jig with controller	
NO.	F	PROCESS NAME	WOF	RK PROCEDURE/ ILLUST	FRATION	TOOLS/PPE	QUALITY POINTERS		
9	P1	Wire insertion to Connector 7188-0996 (W) (Assy parts)	R	Push Button  2. Press the button using left hand. The slot for Green wire will be opened.  4. Slide the lock using right thumb and then hold the wires and gently pull out the connector from ign using left hand.  5. After repushing	emoving the connector from jig, conduct (1x) of B/W wire using right hand to lat wire is fully inserted. Repeat the	n/a	Importa 1. Please 2. Make Conduct insertion Do not e 3. Inserti conduct 4. Inserti will not in 5. Condu- removing 6. Pushii one of et  Docum 1. Refer Push pro 2. Refer	ant reminders/le hold the wire neasure wires are propull-Push-Pull-Pushon jig will alarm if vall-Push-Pull-Pushon jig will alarm if vall-Pushing of wire go the connector frong of wires will be overy inserted wires to GL-PRO-ASY-0	or terminal. coerly inserted. sh after  will not th method. Yellow wire onds. s after m jig. done one by  29 for Pull-

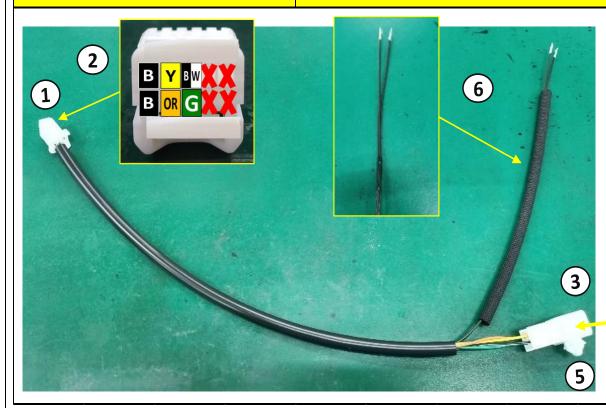
			WORK II	NSTRUCTION		Effectivity Date:		September 19, 20	24
		Process Name/Title:	TAP	OCESS	Validity Date:		n/a		
		Model code/Part number:	920B / 7R0122-7022	Customer: TRM	X Car Model: TOYOTA-TACOMA	Document No.:		WI-ENG-PDE-72	IA
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	■ MASSPRO	Revision No.:	2	Page No.:	9 of 10
PARTS:	1. Assy p 2. Black					JIG:	n/a		
NO.	Р	ROCESS NAME	WORK	K PROCEDURE/ ILLUS	TRATION	TOOLS/PPE	QUALITY POINTERS		
10	P1	Spot taping 1		2. Get the Black tape Black wires. Conduct before cutting using b	1. Hold the wires using left hand and measure from wire up to terminal pointed tip 100±3mm.  and start taping on the 2 windings of tape ooth hands.  3. After taping, check the measurement and taping condition.	6 7 8 9 11 2 3 4 5 6 7 8 9 mm. 2 2 3 4 5 6 7 8 9 mm. 3 2 3 4 5 6 7	1. Pleas measur measur 1. No flip-c 2. No peel- 3. No loos 4. No miss 5. No wron	out tape -off tape e tape	erified
11		Wire insertion to Black twisted tube Ø5 L=182±4mm			Black twisted tube <mark>Ø5 L=182±4mm</mark> hand then insert the B-B wire using left	n/a		g use of parts rmed terminal	

			Effectivity Date:	September 19, 2024					
		Process Name/Title:	TAPIN	NG ASSEMBLY PRO	CESS	Validity Date:		n/a	
	7	Model code/Part number:	920B / 7R0122-7022	Customer: TRMX	Car Model: TOYOTA-TACOMA	Document No.:		WI-ENG-PDE-7	21A
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	10 of 10
PARTS: 1. Ass		parts	^			JIG:	n/a		

**VISUAL INSPECTION/ QUALITY CHECKPOINTS** 

TAPING - P1

## 7R0122-7022



- 1 No Unlock/Halflocked Connector
- **2 3** No Wrong Insert
- 4 No Terminal Backing Out
- **(5)** No Deformed terminal
- 6 No Missing Spot tape (Black tape)



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