				WORK	INSTRUCTION			Effectivity Date:		February 13, 202	24
			Process Name/Title:		AMP ASSEMBLY PROC	CESS		Validity Date:		n/a	
		H	Model code/Part number:	780B / 7R0104-7023			OYOTA-TUNDRA	Document No.:		WI-ENG-PDE-8	32
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	1	Revision No.:	0	Page No.:	1 of 11
PARTS:	1	1. Assy	Parts; Clamp 82711-2638	30 (BR); Clamp 82711-16830 (B); Lab	el 7V4030-0020			JIG:	1. Clamp 2. Label d	assembly jig ispenser	
N	0.	Р	ROCESS NAME	WOF	RK PROCEDURE/ ILLUSTR	ATION		TOOLS/PPE		QUALITY POIN	TERS
	1	Clamp Assy	Table Lay-out	Label 7V4 0020  Assy parts  Clamp Assembly jig	TABLE LAY-OUT  Clamp 82711- 26380 (BR)  Label Dispenser	Bando Gun (I	Clamp 82711-16830 (B)	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.	G00D	BAND CLAMP ILLUST NG	711-34490 (B)
				Revision Histo	ory			Prepared by R	Reviewed by	Approved by	Noted by
								Jetus /	long ) for	- (MA)	
02/13/2024	0 1	nitial issu	e. Transfer from Taping to Clar	mp assembly jig.		D.Castillo Vill	C. A. Arañes r		. Villanueva	A. Grañes	n/a
Eff. Date	Rev. No		_	Details of Change				oted Est. Date: Febru	uary 13, 2024		
				1							



			WORK INSTRUC	TION		Effectivity Date:		February 13, 202	24
		Process Name/Title:	CLAMP ASS	ESS	Validity Date:		n/a		
		Model code/Part number:	<b>780B / 7R0104-7023A</b> Cu	Car Model: TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-8	32	
		Purpose:	☐ PROTOTYPE ☐ PR	E-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	2 of 11
PARTS:	1. Assy 2. Clam	parts p 82711-26380 (BR) [4pcs	5.]			JIG:	1. Clamp a	assembly jig	
NO.	F	ROCESS NAME	WORK PROCE	DURE/ ILLUSTR	ATION	TOOLS/PPE	(	QUALITY POIN	TERS
2	Clamp Assy	Clamp Setting	1	4. Get 1pc. oright hand at both hands.	of clamp 82711-26380 (BR) using and set to clamp location 4 using		2. No dam 2. No wron  Importa 1. Please clamp bef wrong use	BAND CLAMP ILLU	nd band bly to avoid

,			WORK INS	STRUCTION		Effectivity Date:	T	February 13, 202	24
		Process Name/Title:		IP ASSEMBLY PROC	ESS	Validity Date:		n/a	
		Model code/Part number:	780B / 7R0104-7023A	Customer: TRMX	Car Model: TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-8	32
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	3 of 11
PARTS:	1. Assy	parts				JIG:	1. Clamp a	assembly jig	
NO.	F	ROCESS NAME	WORK F	PROCEDURE/ ILLUSTR.	ATION	TOOLS/PPE	(	QUALITY POIN	TERS
3	Clamp Assy	Clamp assembly	Connector SW Button  1. Initially tighten the band clamp or location 1, 2, 3, 4, and 5 using both  2. Get the Bando Gun using right hat the band clamp on location 1 using Press the SW button after cutting clamp. Continue the process if clam was on.  3. Cut the band clamp on clamp loc both hands. Press the SW button a of band clamp. Continue the process location 3 was on.  4. Cut the band clamp on clamp loc both hands. Press the SW button a of band clamp. Continue the process location 4 was on.	h hands.  and and cut goth hands. of band mp location 2  cation 2 using after cutting ss if clamp  cation 3 using after cutting	Stopper jig  VERTICAL LINE  OK  NG  NG		2. No dam. 3. No miss 4. No miss 4. No miss Importal 1. Make s. and stopp 2. Setting of the size of For: ø5 -	nt reminders/N ure no gap betwee per jig. of band clamp cutte f the COT/Vinyl tu 1-2, ø7 - 3-4  DO GUN ILLUSTE	orte/s: en the PCB er depends on be.

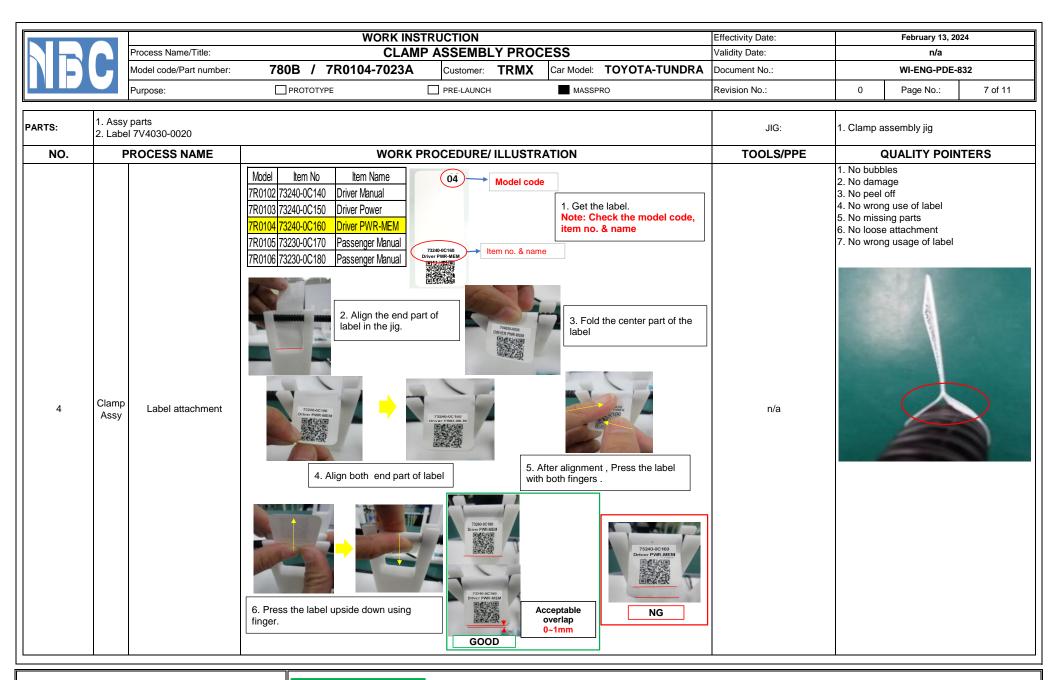
			WORK INS	STRUCTION			Effectivity Date:		February 13, 20	24
		Process Name/Title:		IP ASSEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	780B / 7R0104-7023A	Customer: TRMX	Car Model: T	OYOTA-TUNDRA	Document No.:		WI-ENG-PDE-	332
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO		Revision No.:	0	Page No.:	4 of 11
PARTS:		y parts np 82711-16830 (B)					JIG:	1. Clamp a	ssembly jig	
NO.	F	PROCESS NAME	WORK F	PROCEDURE/ ILLUST	RATION		TOOLS/PPE	(	QUALITY POIN	ITERS
3	Clamp C	Clamp setting (Continuation)	Connector setting  5. Hold the assy parts and then se connector 6189-1142 (W) to Che Continue to set the draw of the checker fixture for continuity contin	o (B) using right hand both hands.	o (B)  o (C)  o (B)  o (C)  o	nuity checking. For detects Yellow Wires to stopper jig For Power Wires, push the The Y-taping  Do light for Power Wires & Wires, Don. If encountered P and immediately of the leader. Instruction then	n/a	2. No dama 3. No miss 4. No miss  Importal 1. Make st and stopp  GOOD	nt reminders/Nure no gap between jig.  BAND CLAMP ILLUSTI	Note/s: en the PCB

			WORK INST			Effectivity Date:		February 13, 20	24
		Process Name/Title:		P ASSEMBLY PROC		Validity Date:		n/a	
		Model code/Part number:	780B / 7R0104-7023A	Customer: TRMX	Car Model: TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-8	332
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PARTS:	1. Assy	·				JIG:		assembly jig	
NO.	P	ROCESS NAME	WORK P	ROCEDURE/ ILLUSTR	ATION	TOOLS/PPE		QUALITY POIN	TERS
3	Clamp Assy	Clamp assembly (Continuation)	Connector SW Button Sw Button Checker 1 Connector  Connector  Sw Button Checker 1 Connector  Connector  Sw Button Connector  Connector  Connector  Connector  Connector  Sw Button Connector  Connector  Connector  Connector  Connector  Sw Button Connector  Co	6. Cut the band of both hands. (See button after cuttillabel Attachment	Stopper  Sto	BANDO GUN (FLAT NOSEPIECE)	2. No dam 3. No miss 4. No miss 5. No wrot 6. No wrot Importa 1. Make s stopper j 2. Setting the size o For: ø5 -	sing parts ng use of tape ng use of clamp ant reminders/N sure no gap betwee ig. of band clamp cutt of the COT/Vinyl tu 1~2, ø7 - 3~4	orte/s: en the PCB and er depends on be.



			WORK INSTI			Effectivity Date:		February 13, 202	4
		Process Name/Title:	CLAMP	ASSEMBLY PR	ROCESS	Validity Date:		n/a	
		Model code/Part number:	780B / 7R0104-7023A	Customer: TRN	Car Model: TOYOTA-TUND	RA Document No.:		WI-ENG-PDE-8	32
		Purpose:	☐ PROTOTYPE [	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	6 of 11
PARTS:	1. Assy	parts				JIG:	1. Clamp a 2. Label D	assembly jig ispenser	
NO.	F	PROCESS NAME	WORK PR	OCEDURE/ ILLU	STRATION	TOOLS/PPE		QUALITY POIN	ΓERS
3	Clamp Assy	Clamp assembly (Continuation)	Connector SW Button  7. For label attachment, color senso detects the label code. After attachment the SW button using both index finger timing). Go sound will be heard. (Renext page for label attachment).	sw 82711-1 Checker 2 r will light if tent, press er (same	Button Stopper jig	n/a	2. No dam 3. No miss 4. No miss		mp







			WORK IN	ISTRUCTION		Effectivity Date:		February 13, 202	24
		Process Name/Title:		MP ASSEMBLY PROC	CESS	Validity Date:	+	n/a	
		Model code/Part number:	780B / 7R0104-7023A		Car Model: TOYOTA-TUNDRA	Document No.:	<u> </u>	WI-ENG-PDE-8	332
		Purpose:	PROTOTYPE	☐ PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	8 of 11
	1								
PARTS:		mbled parts er sample				JIG:	n/a		
NO.	F	ROCESS NAME	WORK	PROCEDURE/ ILLUSTR	RATION	TOOLS/PPE	(	QUALITY POIN	TERS
5	Clamp	Visual/By two's inspection	1. Conduct alignment of harness (Master sample vs. Assembled parts) using both	2. Check the connector lock, terminal and insertion.  4. Check the presence and condition of QR code label attachment.	3. Check the presence of a and band clamp cut.  5. Check the of clamp att and band clamp cut.	presence	Impotan  1. Using s measuren dimension allowable (0-2mm).	BAND CLAMP ILLUSTRATE NG  1.66350(B)  BAND CLAMP ILLUSTRATE NG	PLE  ote/s:  the band cut required sceed the

			WOR	K INSTRUCTION		Effectivity Date:		February 13, 202	24
		Process Name/Title:	С	LAMP ASSEMBLY PRO	OCESS	Validity Date:		n/a	
		Model code/Part number:	780B / 7R0104-70	Customer: TRM	X Car Model: TOYOTA-TUNDR	A Document No.:		WI-ENG-PDE-8	32
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	9 of 11
PARTS:		embled parts ter sample				JIG:	n/a		
NO.	1	PROCESS NAME	WC	ORK PROCEDURE/ ILLUS	TRATION	TOOLS/PPE		QUALITY POIN	ΓERS
5	Clamp Assy		ACTUAL PROD  8. Check the Taping condition of COT to sunprene tube. Conduct slightly bending.	Connetermininsert  9. Che conditions	eck the ector lock, nal and	7. Check the Y-Taping condition and color of tape (Yellow tape only).  10. Check the terminal and PCB appearance. Must be no deformed terminal.	1. No skip	checking during in	spection.

			WORK INST			Effectivity Date:		February 13, 202	4
		Process Name/Title:		ASSEMBLY PROC		Validity Date:		n/a	
		Model code/Part number:	780B / 7R0104-7023A	Customer: TRMX	Car Model: TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-83	32
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PARTS:	n/a					JIG:	n/a		
NO.	F	ROCESS NAME	WORK P	ROCEDURE/ ILLUSTR	ATION	TOOLS/PPE	(	QUALITY POINT	ERS
6	Clamp Assy	Measurement	256± 3mm  176± 3mm  184± 3mm  264± 3mm	60± 5mm 1 0~5m			Importal 1. Please tape whe 2. For Ha Owarimo  Docume 1. Refer to assembly	g dimension  Int reminders and lea use calibrated/veren getting the mease atsumono, Nakamono.  Int reference/s:  O WI-PRO-ASY-056  Hatsumono Nakamono Inspection	rified measuring surement.  Inno and  If for Sub-

		WORK INS	TRUCTION		Effectivity Date:		February 13, 202	24
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	Model code/Part number:	780B / 7R0104-7023A	Customer: TRMX	Car Model: TOYOTA-TUNDRA	Document No.:		WI-ENG-PDE-8	332
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PARTS: n/a					JIG:	n/a		
			QUALITY CHE	CKPOINTS				
CLAMP ASSY		<b>7</b> R	<b>RO10</b>	4-702	23A			
733-45-0C163 7733-45-0C163 7733-0C163 7733-0	3	4 2	3	3		2		S. Constanting of the Constantin
	INLOCKED/	HALF LOCKED	CONNECT No MISSING	4	NO MISS No wrong CODE			