



## WORK INSTRUCTION

Process Name/Title:

## CLAMP ASSEMBLY PROCESS

Model code/Part number:

780B / 7R0104-7023B

Customer:

TRMX

Car Model:

TOYOTA-TUNDRA

Purpose:

☐ PROTOTYPE☐ PRE-LAUNCH☒ MASSPRO

Effectivity Date:

October 01, 2024

Validity Date:

n/a

Document No.:

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## PARTS:

1. Assy Parts; Clamp 82711-26380 (BR); Clamp 82711-16830 (B); Label 7V4030-0020

JIG:

1. Clamp assembly jig  
2. Label dispenser

## NO.

## PROCESS NAME

## WORK PROCEDURE/ ILLUSTRATION

## TOOLS/PPE

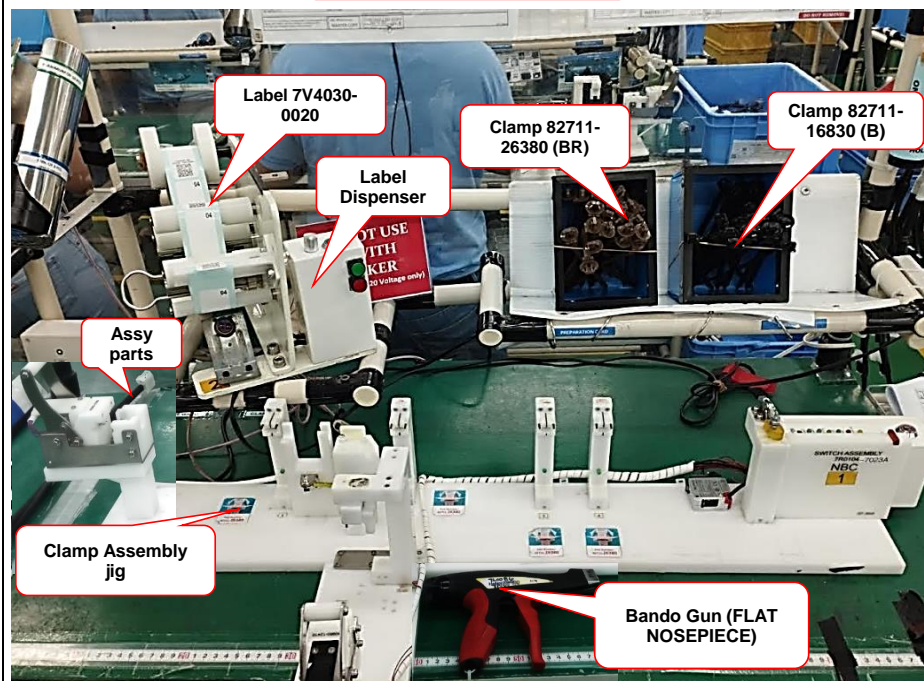
## QUALITY POINTERS

1

Clamp  
Assy

Table Lay-out

## TABLE LAY-OUT



## 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

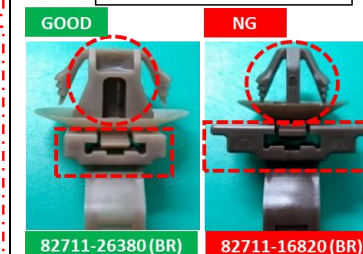
For any trouble, inform the Assembly Assistant Supervisor or Line Leader for immediate corrective action.

1. No missing parts/tools  
2. No excess parts/tools

## BAND CLAMP ILLUSTRATION



## BAND CLAMP ILLUSTRATION



## Revision History

Eff. Date	Rev. No	Details of Change	Revised	Reviewed	Approved	Noted	Prepared by	Reviewed by	Approved by	Noted by
10/01/24	1	Change purpose from Pre-launch to Masspro.	M. Ariola	C. Villanueva	A. Arañes	n/a				n/a
09/30/24	0	Initial Issue. Update the Measurement and Visual Inspection/ Quality Checkpoints.	M. Ariola	C. Villanueva	A. Arañes	n/a				

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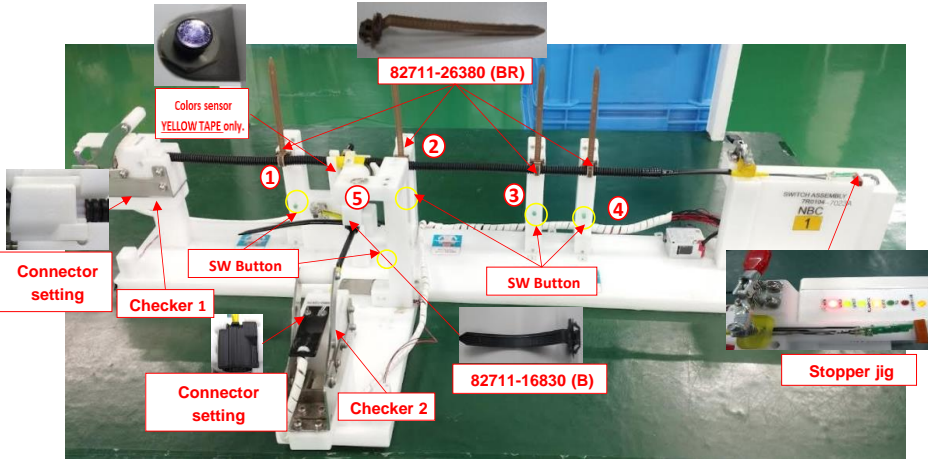

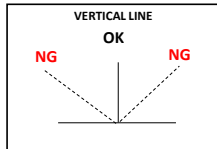



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PARTS:	1. Assy parts		JIG:	1. Clamp assembly jig
NO.	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
3	Clamp Assy Clamp assembly	<div><p>1. Initially tighten the band clamp on clamp location <b>1, 2, 3, 4, and 5</b> using both hands.</p><p>2. Get the Bando Gun using right hand and cut the band clamp on location <b>1</b> using both hands. Press the <b>SW button</b> after cutting of band clamp. Continue the process if clamp location <b>2</b> was on.</p><p>3. Cut the band clamp on clamp location <b>2</b> using both hands. Press the <b>SW button</b> after cutting of band clamp. Continue the process if clamp location <b>3</b> was on.</p><p>4. Cut the band clamp on clamp location <b>3</b> using both hands. Press the <b>SW button</b> after cutting of band clamp. Continue the process if clamp location <b>4</b> was on.</p></div> <div><p>GOOD NG</p><p>VERTICAL LINE OK NG NG</p></div>	<div><p><b>BANDO GUN (FLAT NOSEPIECE)</b></p></div> <div><p><b>BANDO GUN ILLUSTRATION</b></p><p>GOOD NG</p><p>FLAT NOSEPIECE EXTENDED NOSEPIECE</p></div>	<p>1. No loose attachment of clamp 2. No damaged clamp 3. No missed tape 4. No missing parts</p> <p><b>Important reminders/Note/s:</b></p> <p>1. Make sure no gap between the <b>PCB</b> and <b>stopper jig</b>.</p> <p>2. Setting of band clamp cutter depends on the size of the <b>COT/Vinyl tube</b>. <b>For: ø5 - 1~2, ø7 - 3~4</b></p>

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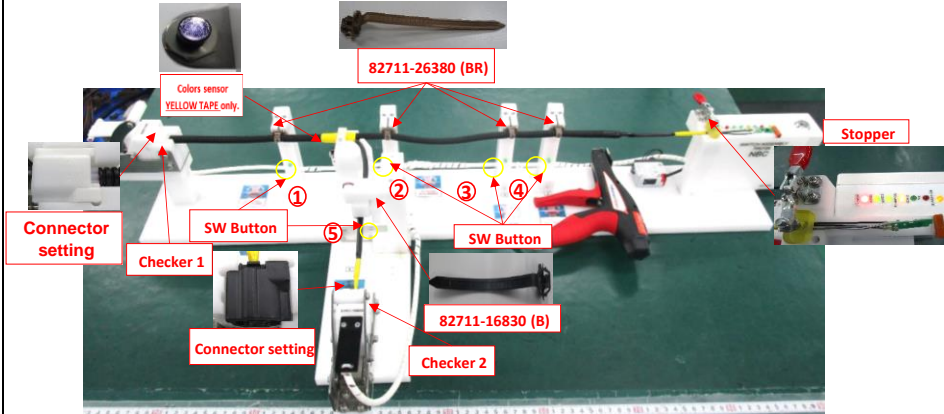






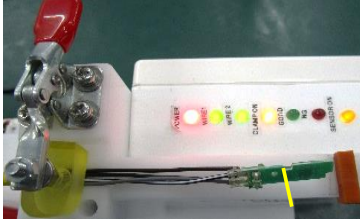
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PARTS:		1. Assy parts		JIG:	1. Clamp assembly jig
NO.	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION		TOOLS/PPE	QUALITY POINTERS
3	Clamp Assy	Clamp assembly (Continuation)	<div></div> <div><p>5. Cut the band clamp on clamp location <b>4</b> using both hands. Press the <b>SW button</b> after cutting of band clamp. Continue the process if clamp location <b>5</b> was on.</p><p>6. Cut the band clamp on clamp location <b>5</b> using both hands. (See below illustration). Press the <b>SW button</b> after cutting of band clamp. Continue on label Attachment.</p></div> <div><p><b>BAND CLAMP CUT POSITION FOR 82711-16830 (B)</b></p><div></div><div><p>Fixed setting of band clamp cutter: 1 ~ 3</p></div><div><p>HORIZONTAL LINE</p><p>NG</p><p>OK</p><p>NG</p></div></div>	<div><p><b>BANDO GUN (FLAT NOSEPIECE)</b></p></div> <div><p><b>BANDO GUN ILLUSTRATION</b></p><div></div><p>FLAT NOSEPIECE</p><p>EXTENDED NOSEPIECE</p></div>	<p>1. No loose attachment of clamp 2. No damaged clamp 3. No missed tape 4. No missing parts 5. No wrong use of tape 6. No wrong use of clamp</p> <p><b>Important reminders/Note/s:</b></p> <p>1. Make sure no gap between the <b>PCB</b> and <b>stopper jig</b>.</p> <p>2. Setting of band clamp cutter depends on the size of the <b>COT/Vinyl tube</b>. For: <math>\phi 5</math> - 1~2, <math>\phi 7</math> - 3~4</p> 

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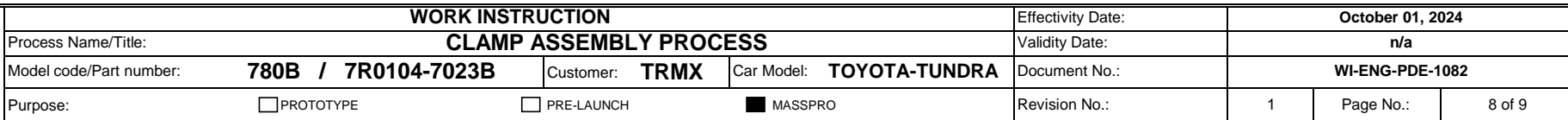
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PARTS:		1. Assy parts 2. Label 7V4030-0020		JIG:	1. Clamp assembly jig																		
NO.	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION		TOOLS/PPE	QUALITY POINTERS																		
4	Clamp Assy  Label attachment	<table border="1"><thead><tr><th>Model</th><th>Item No</th><th>Item Name</th></tr></thead><tbody><tr><td>7R0102</td><td>73240-0C140</td><td>Driver Manual</td></tr><tr><td>7R0103</td><td>73240-0C150</td><td>Driver Power</td></tr><tr><td>7R0104</td><td>73240-0C160</td><td>Driver PWR-MEM</td></tr><tr><td>7R0105</td><td>73230-0C170</td><td>Passenger Manual</td></tr><tr><td>7R0106</td><td>73230-0C180</td><td>Passenger Manual</td></tr></tbody></table> <div><div>04 → Model code</div><div>73240-0C160 Driver PWR-MEM → Item no. &amp; name</div><div>1. Get the label. <b>Note: Check the model code, item no. &amp; name</b></div><div>2. Align the end part of label in the jig.</div><div>3. Fold the center part of the label</div><div>4. Align both end part of label</div><div>5. After alignment , Press the label with both fingers .</div><div>6. Press the label upside down using finger.</div><div><div>Acceptable overlap</div><div>GOOD</div><div>NG</div></div></div>		Model	Item No	Item Name	7R0102	73240-0C140	Driver Manual	7R0103	73240-0C150	Driver Power	7R0104	73240-0C160	Driver PWR-MEM	7R0105	73230-0C170	Passenger Manual	7R0106	73230-0C180	Passenger Manual	n/a	<div>1. No bubbles 2. No damage 3. No peel off 4. No wrong use of label 5. No missing parts 6. No loose attachment 7. No wrong usage of label</div> 
Model	Item No	Item Name																					
7R0102	73240-0C140	Driver Manual																					
7R0103	73240-0C150	Driver Power																					
7R0104	73240-0C160	Driver PWR-MEM																					
7R0105	73230-0C170	Passenger Manual																					
7R0106	73230-0C180	Passenger Manual																					

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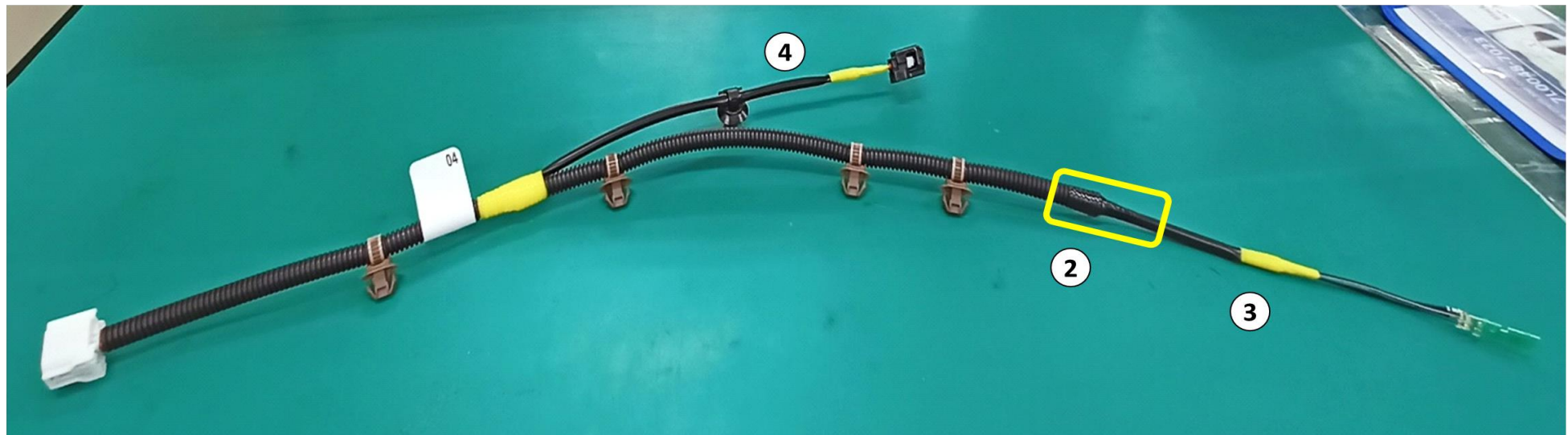
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PARTS:

n/a

JIG:

n/a

**VISUAL INSPECTION/ QUALITY CHECKPOINTS****CLAMP ASSY****7R0104-7023B****1 No Wrong facing of clamp****2 No Missing Tape (Black tape)****3 4 No Missing Tape (Yellow tape)**

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