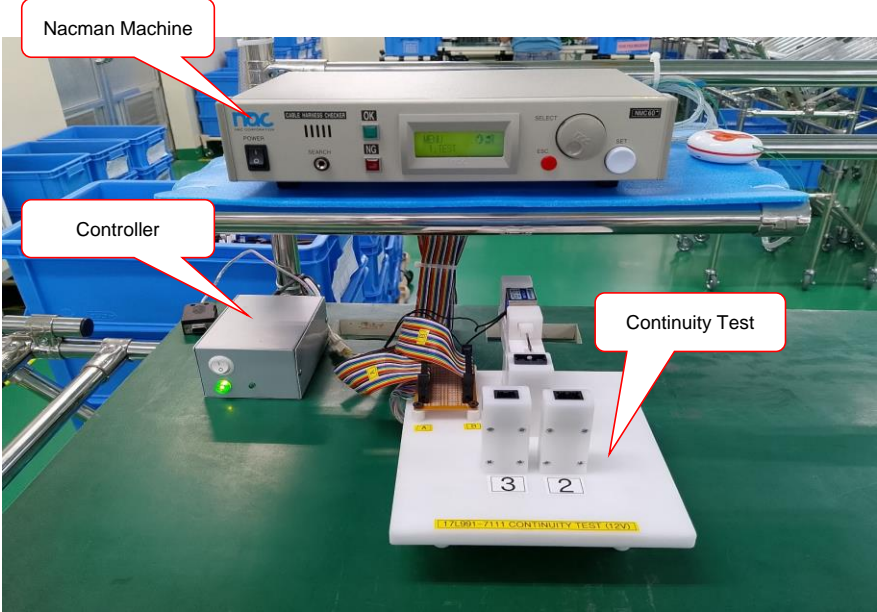




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	Process Name/Title: <b>SUB-ASSEMBLY CONTINUITY TEST</b>				Validity Date:	n/a	
	Model code/Part number: <b>311D/400D 17L991-7111</b>		Customer: <b>TRMX</b>	Car Model: <b>TOYOTA RAV-4 TOYOTA Bz4x (BEV)</b>	Document No.:	<b>WI-ENG-PDE-1228</b>	
	Purpose: <input type="checkbox"/> PROTOTYPE <input type="checkbox"/> PRE-LAUNCH <input checked="" type="checkbox"/> MASSPRO				Revision No.:	0	Page No.: 1 of 7


PARTS:	n/a			JIG:	1. Nacman Machine 2. Continuity Test 3. Controller
NO.	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION		TOOLS/PPE	QUALITY POINTERS
1	Continuity Test	Table Lay-out		<div> <b>Safety Instruction</b>            Be sure to wear prescribed personal protective equipment during operation (gloves, finger cots, etc.)         </div> <div> <b>Housekeeping</b>            1. Maintain and always practice 5's.            2. Personal things on the workplace is prohibited. Keep it in your locker.         </div> <div> <b>Alert level</b>            For any trouble, inform the Assembly Assistant Supervisor or Line Leader for immediate corrective action.         </div>	1. No missing parts/tools 2.No excess parts/tools

Revision History								Prepared by	Checked by	Reviewed by	Approved by		
04/02/25	0	Initial issue.				A.Hernandez	J.Loterte	C.Villanueva	A.Arañes				
Eff. Date	Rev. No	Details of Change				Revised	Checked	Reviewed	Approved	Est. Date:	April 2, 2025		


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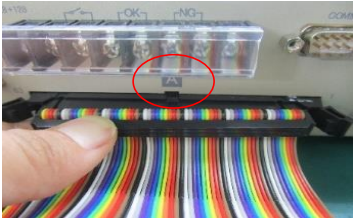
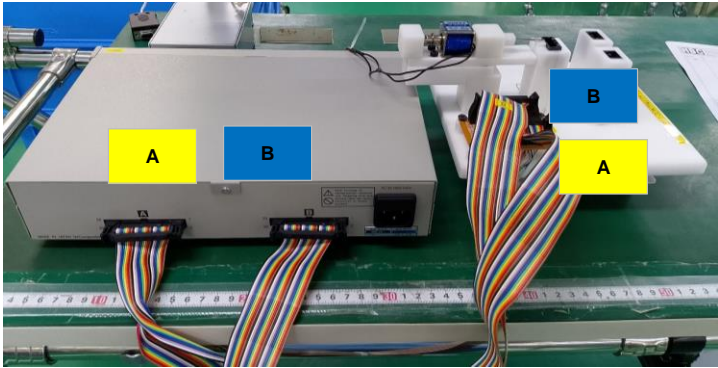
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	<b>WORK INSTRUCTION</b>			Effectivity Date:	<b>April 02, 2025</b>		
	Process Name/Title: <b>SUB-ASSEMBLY CONTINUITY TEST</b>			Validity Date:	<b>n/a</b>		
	Model code/Part number: <b>311D/400D 17L991-7111</b>	Customer: <b>TRMX</b>	Car Model: <b>TOYOTA RAV-4 TOYOTA Bz4x (BEV)</b>	Document No.:	<b>WI-ENG-PDE-1228</b>		
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<b>PARTS:</b>	n/a			JIG:	
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>	<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>	
2	Continuity Test	Machine Set-up			



1. Connect the power cord to the power socket on the back of the main unit.  
Plug the power cord plug into the power outlet.




2. Connect the inspection cable (cable connecting the main unit and the inspection jig) attached to the main unit to the inspection jig, then securely fix the clip.  
**A to A** then **B to B**

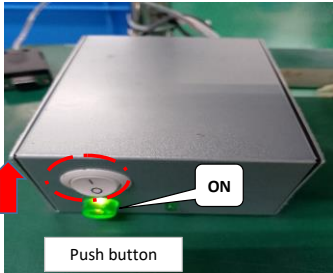
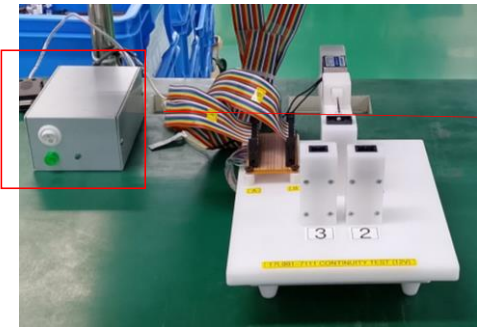

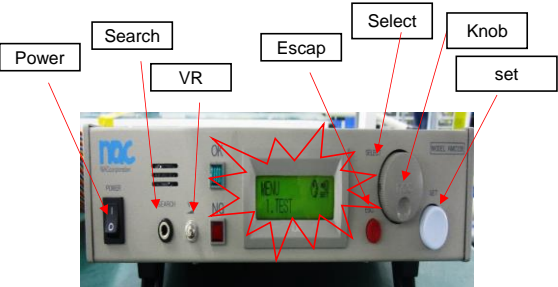
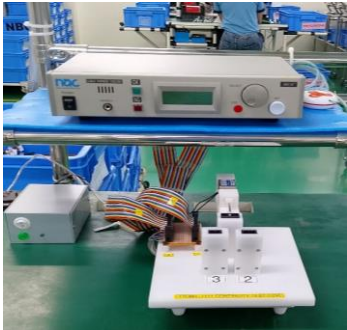
1. Make sure that the power switch on the main unit is set to "OFF".  
2. Before connecting cables and jigs, please turn off the power of the main unit

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	Process Name/Title: <b>SUB-ASSEMBLY CONTINUITY TEST</b>				Validity Date:	n/a		
	Model code/Part number: <b>311D/400D 17L991-7111</b>		Customer: <b>TRMX</b>	Car Model: <b>TOYOTA RAV-4 TOYOTA Bz4x (BEV)</b>	Document No.:	<b>WI-ENG-PDE-1228</b>		
	Purpose: <input type="checkbox"/> PROTOTYPE		<input type="checkbox"/> PRE-LAUNCH	<input checked="" type="checkbox"/> MASSPRO	Revision No.:	0	Page No.:	3 of 7


<b>PARTS:</b>	n/a		JIG:	1. Nacman Machine 2. Continuity Test 3. Controller	
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>	<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>	
2	Continuity Test	<div>Machine Set-up (continuation)</div> <div><p>3. Switch ON the PSW to open the machine</p><p>4. Push the button upward to turn-on the machine</p><p>Check the screen of the tester &lt;MENU&gt; 1. TEST</p></div> <div><div>Machine Setup</div><p>1.Check broken pin 2. Wire tester NG/OK Function 3.Check menu</p></div>			

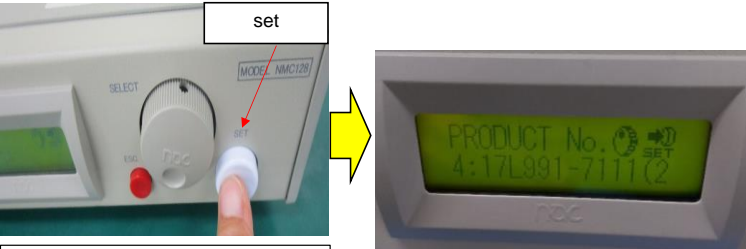


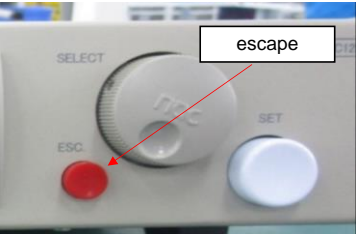

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	Model code/Part number: <b>311D/400D 17L991-7111</b>		Customer: <b>TRMX</b>	Car Model: <b>TOYOTA RAV-4 TOYOTA Bz4x (BEV)</b>	Document No.:		<b>WI-ENG-PDE-1228</b>	
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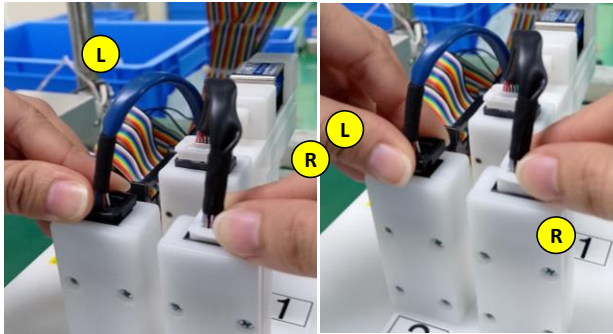
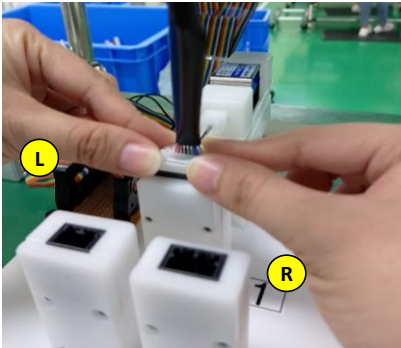

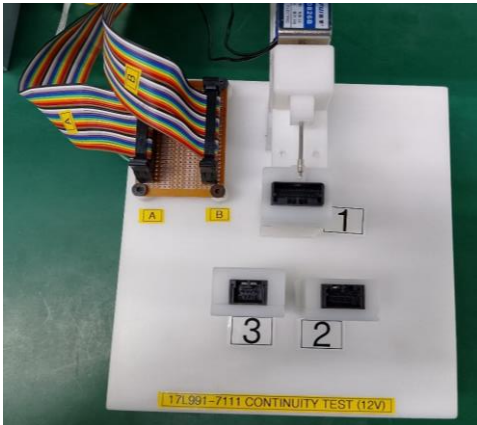
<b>PARTS:</b>	n/a			JIG:	1. Nacman machine
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>	<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>	
3	Continuity Test	<div>Product number setting</div> <div><p>1. Press the <b>set</b> button to proceed on selection of the product number.</p><p>2. Turn the <b>knob</b> to select another product number</p><p>3. Press again the <b>Set</b> button to start the Wiring Test</p><p>4. If need to return to setting of product number or MENU, press the <b>ESC</b> button</p></div> <div></div> <div>1. Check the correct setting of product number</div>			

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	<b>WORK INSTRUCTION</b>			Effectivity Date:	<b>April 02, 2025</b>		
	Process Name/Title: <b>SUB-ASSEMBLY CONTINUITY TEST</b>			Validity Date:	<b>n/a</b>		
	Model code/Part number: <b>311D/400D 17L991-7111</b>		Customer: <b>TRMX</b>	Car Model: <b>TOYOTA RAV-4 TOYOTA Bz4x (BEV)</b>	Document No.: <b>WI-ENG-PDE-1228</b>		
	Purpose: <input type="checkbox"/> PROTOTYPE <input type="checkbox"/> PRE-LAUNCH <input checked="" type="checkbox"/> MASSPRO			Revision No.:	<b>0</b>	Page No.:	<b>5 of 7</b>

<b>PARTS:</b>	1. Assy Parts		JIG:	1. Continuity test
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>	<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>
4	Continuity Test	Wire harness testing <div></div> <div>1. Insert the connector (4A1820-0000 (W)) to connector receiver base 1</div> <div>2. Insert the connector (4A1720-0000 (W) and 4A1810-0000 (B)) to connector receiver base 2 and 3.</div>		<p>NOTE: Conduct equipment inspection before start of operation Refer to F-PDE-010A-B</p> <p>1. No wrong setting of coupler 2. No damage or broken connector pin 3. Hold only on coupler during insertion</p> <p>Check with NG dummy sample every start of inspection.</p>


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	<b>Process Name/Title:</b> SUB-ASSEMBLY CONTINUITY TEST				Validity Date:		n/a	
	<b>Model code/Part number:</b> 311D/400D 17L991-7111		<b>Customer:</b> TRMX	<b>Car Model:</b> TOYOTA RAV-4 TOYOTA Bz4x (BEV)	<b>Document No.:</b>		WI-ENG-PDE-1228	
	<b>Purpose:</b> <input type="checkbox"/> PROTOTYPE <input type="checkbox"/> PRE-LAUNCH <input checked="" type="checkbox"/> MASSPRO				<b>Revision No.:</b>		0	Page No.: 6 of 7


<b>PARTS:</b>	1. Assy Parts			JIG:	1. Nacman machine
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>		<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>
4	Continuity Test	Wire harness testing (continuation)		n/a	1. No wrong setting of coupler 2. No damage or broken connector pin 3. Hold only on coupler during insertion 4. Follow the properholding f the products during insertion and dis-assemble from the jig.

GREEN is ON means GOOD




With MARKING (THREE DOTS)

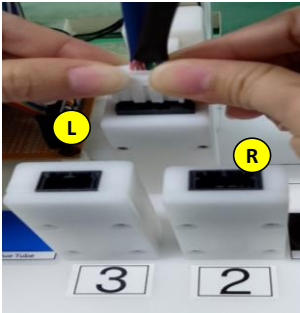
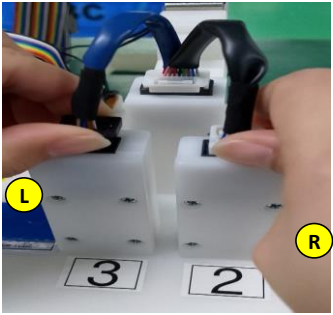
And if the RED Light is ON means its NG



NO MARKING (THREE DOTS)



3. Conduct point checking if result was OK.



4. Remove the harness. Start from location 3-2 (same timing). Last, location 1.

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**WORK INSTRUCTION**

Process Name/Title:

**SUB-ASSEMBLY CONTINUITY TEST**

Effectivity Date:

April 02, 2025

Validity Date:

n/a

Model code/Part number:

**311D/400D 17L991-7111**

Customer:

**TRMX**

Car Model:

**TOYOTA RAV-4  
TOYOTA Bz4x (BEV)**

Document No.:

**WI-ENG-PDE-1228**

Purpose:



PROTOTYPE



PRE-LAUNCH



MASSPRO

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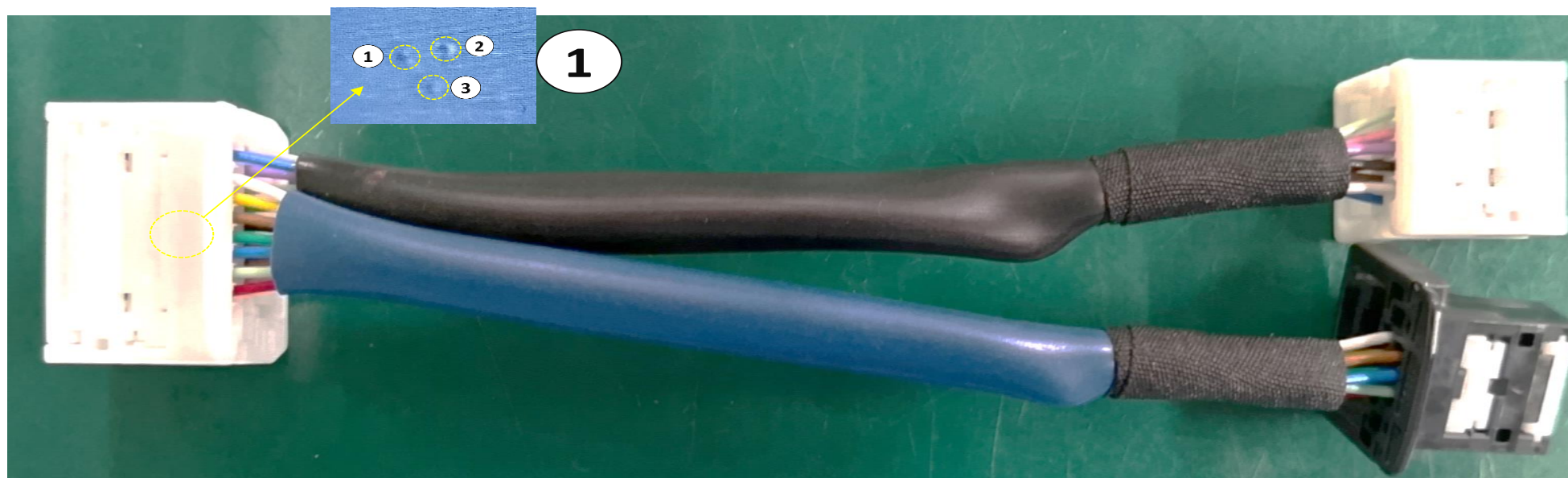
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**PARTS:**

n/a

JIG:

n/a

**VISUAL INSPECTION/ QUALITY CHECKPOINTS****CONTINUITY TEST****17L991-7111****1 No Missing  
Punch Mark****2 No Missing  
Tesa Taping****3 No Peel-off  
Tape**

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