

	<b>WORK INSTRUCTION</b>				Effectivity Date:	February 10, 2025			
	<b>TAPING ASSEMBLY PROCESS</b>				Validity Date:	February 17, 2025			
	Process Name/Title:		Model code/Part number: <b>920B / 75S321-0080</b>		Customer: <b>TRMX</b>	Car Model: <b>TOYOTA-TACOMA</b>	Document No.:	<b>WI-ENG-PDE-556</b>	
	Purpose:		<input type="checkbox"/> PROTOTYPE <input type="checkbox"/> PRE-LAUNCH <input checked="" type="checkbox"/> MASSPRO		Revision No.:	2	Page No.:	1 of 18	

<b>PARTS:</b>	1. Connector PBVP-10V-S (W); Connector 1746872-1 (B); AVSS 0.3 R L=154±2mm; V L=154±2mm; Y L=154±2mm; B L=154±2mm; GR/B L=154±2mm; LG L=285±2mm; R/W L=285±2mm; B/W L=285±2mm; OR L=285±2mm; R/L L=285±2mm; Black VM tube (Sunprene) ø8 L=112±3mm; AVSS 0.3 P L=156±2mm; W/G L=156±2mm; G L=156±2mm; BR L=156±2mm; GR L=156±2mm; Green VM tube (sunprene) ø8 L=114±3mm				JIG:	1. Insertion jig 2. Steering Navigation	
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>	<b>TOOLS/PPE</b>		<b>QUALITY POINTERS</b>		
1	P1	<div style="text-align: center;"> <div style="border: 1px solid red; padding: 5px; margin-bottom: 10px;"><b>TABLE LAY-OUT</b></div> </div>	<div style="border: 1px dashed red; padding: 5px; margin-bottom: 10px;"> <b>Safety Instruction</b>            Be sure to wear required personal protective equipment during operation (gloves, finger cots, etc.)         </div> <div style="border: 1px dashed red; padding: 5px; margin-bottom: 10px;"> <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 style="border: 1px dashed red; padding: 5px;"> <b>Alert level</b>            For any trouble, inform the Assembly Assistant Supervisor or Line Leader for immediate corrective action.         </div>		1. No deformed terminal 2. No wrong usage of parts		

Revision History								Prepared by		Reviewed by		Approved by		Noted by	
02/10/25	2	Improved insertion jig; Change connector (PBVP-10V-S) orientation, terminal orientation and color sequence as customer claim countermeasure. Inclusion of Table lay-out. Change document number of Steering Electrical test (WI-QAD-QAC-252).	D. Castillo	C. Villanueva	A. Arañes	n/a									
11/15/22	1	Improve quality pointers: Reminders/notes, work procedure/illustration and references in process in all process as document improvement. Work procedure/illustration in process no.12 - visual/by two's inspection	M. Catapang	J. Loterte	C. Villanueva	A. Arañes									
07/06/22	0	Initial issue.	M. Catapang	C. Villanueva	A. Arañes	n/a									
Eff. Date	Rev. No	Details of Change				Revised	Reviewed	Approved	Noted	Est. Date:	July 06, 2022				

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## WORK INSTRUCTION

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## TAPING ASSEMBLY PROCESS

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February 10, 2025

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February 17, 2025

Model code/Part number:

920B / 75S321-0080

Customer:

**TRMX**

Car Model:
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TOYOTA-TACOMA

Document No.:

WI-ENG-PDE-556

**Purpose:**

☐

## PROTOTYPE

9

PRE-LAUNCH

7

MASSPRO

Revision No.:

2

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**PARTS:**

1. Connector PBVP-10V-S (W) [2pcs.]

JIG:

### 1. Insertion jig

NO.

PROCESS NAME

### WORK PROCEDURE/ ILLUSTRATION

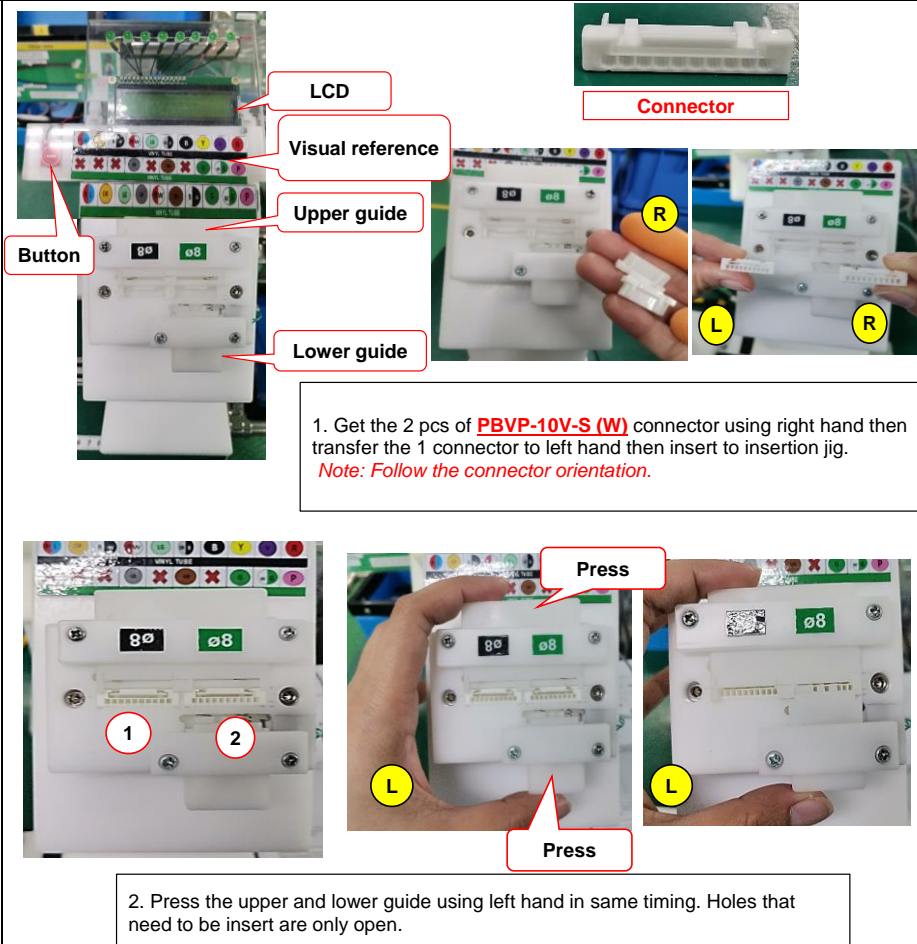
## TOOLS/PPE

## QUALITY POINTERS

2

P1

Connector setting to  
insertion jig  
PBVP-10V-S (W)



N/A

1. Use the provided jig per model
2. No wrong usage of parts
3. No wrong orientation of connector
4. No damaged connector

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**TOYOTA-TACOMA**

Document No.:

**WI-ENG-PDE-556**

Purpose:

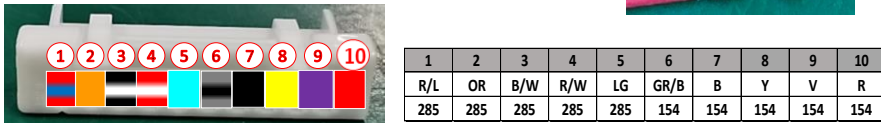




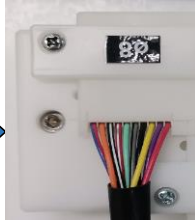

☐ PROTOTYPE☐ PRE-LAUNCH☒ MASSPRO

Revision No.:

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Page No.:


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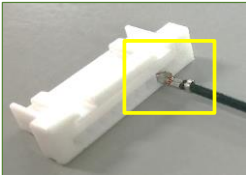
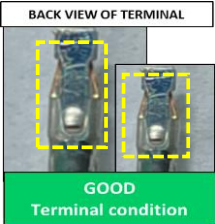
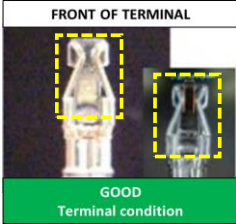

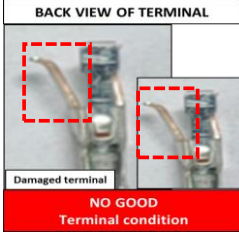
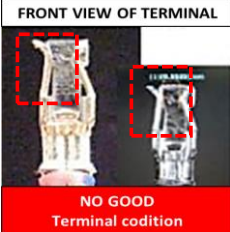
PARTS:		1. AVSS 0.3 R L=154±2mm; V L=154±2mm; Y L=154±2mm; B L=154±2mm; GR/B L=154±2mm; LG L=285±2mm; R/W L=285±2mm; B/W L=285±2mm; OR L=285±2mm; R/L L=285±2mm; 2. Black VM tube (Sunprene) ø8 L=112±3mm			JIG:	1. Insertion jig																												
NO.	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION			TOOLS/PPE	QUALITY POINTERS																												
3	P1	<div>2</div> <div>Wire insertion to Connector PBVP-10V-S (W)</div> <div><div>INSERTION SEQUENCE FROM LEFT TO RIGHT</div><div><div>Wire facing</div><table><tr><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th></tr><tr><td>R/L</td><td>OR</td><td>B/W</td><td>R/W</td><td>LG</td><td>GR/B</td><td>B</td><td>Y</td><td>V</td><td>R</td></tr><tr><td>285</td><td>285</td><td>285</td><td>285</td><td>285</td><td>154</td><td>154</td><td>154</td><td>154</td><td>154</td></tr></table></div><div>1. Get the <b>R/L wire</b> using right hand and insert to connector. Repeat the process for <b>OR-B/W-R/W-LG-GR/B-B-Y-V-R wires</b>. <b>Note: Follow the insertion sequence based on the illustration.</b></div></div> <div><div>STEERING NAVIGATION(2 layer)</div><div>CONTROLLER</div></div> <div><b>Important reminders/Note/s:</b>  1. <b>Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. Do not exert extra force.</b>  2. <b>Please hold the wire near terminal during insertion.</b>  3. <b>Follow the insertion sequence based on the illustration.</b>  <b>Document references:</b>  1. Refer to <b>GL-PRO-ASY-029</b> for Pull-Push procedure.  2. Refer to <b>WI-ENG-PDE-044</b> for Steering Navigation Controller procedure.</div>			1	2	3	4	5	6	7	8	9	10	R/L	OR	B/W	R/W	LG	GR/B	B	Y	V	R	285	285	285	285	285	154	154	154	154	154
		1	2	3	4	5	6	7	8	9	10																							
R/L	OR	B/W	R/W	LG	GR/B	B	Y	V	R																									
285	285	285	285	285	154	154	154	154	154																									
4	Wire insertion to Black VM tube (sunprene) ø8 L=112±3mm	<div><div>1. Get the <b>Black VM tube (Sunprene) ø8 L=112±3mm</b> using right hand. Hold the wires using left hand and insert the wires using right hand.</div></div>			N/A	1. No wrong usage of parts 2. No deformed terminal 3. No tangled wires																												

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	Model code/Part number: <b>920B / 75S321-0080</b>		Customer: <b>TRMX</b>	Car Model: <b>TOYOTA-TACOMA</b>	Document No.: <b>WI-ENG-PDE-556</b>		
	Purpose: <input type="checkbox"/> PROTOTYPE <input type="checkbox"/> PRE-LAUNCH <input checked="" type="checkbox"/> MASSPRO			Revision No.:	2	Page No.:	4 of 18

<b>PARTS:</b>	1. AVSS 0.3 R L=154±2mm; V L=154±2mm; Y L=154±2mm; B L=154±2mm; GR/B L=154±2mm; LG L=285±2mm; R/W L=285±2mm; B/W L=285±2mm; OR L=285±2mm; R/L L=285±2mm;		JIG:	1. Insertion jig
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>	<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>
5	P1  Wire insertion to connector PBVP-10V-S (W) (Continuation)	<div><div>Proper alignment of terminal to connector</div><div>BACK VIEW OF TERMINAL</div><div>GOOD Terminal condition</div><div>FRONT OF TERMINAL</div><div>GOOD Terminal condition</div></div> <div><div>Improper alignment of terminal to connector</div><div>BACK VIEW OF TERMINAL</div><div>Damaged terminal NO GOOD Terminal condition</div><div>FRONT VIEW OF TERMINAL</div><div>NO GOOD Terminal condition</div></div> <div>Note: *Make sure the terminal was in proper alignment before insert. *Avoid hitting the terminal into the connector during wire insertion, if encountered abnormality stop the process and call the attention of Immediate superior and Automatically disposed and replace the unit.</div>		<div>1. Use provided jig per model 2. No wrong usage of parts 3. No wrong insertion 4. No deformed terminal 5. No stuck of terminal tip 6. One by one insertion</div> <div>Important reminders/Note/s:</div> <div>1. Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. Do not exert extra force. 2. Please hold the wires near terminal during insertion. 3. Automatically dispose and replace the unit if once encountered bend terminal, difficulty of insertion and half-locked connector. 4. Insertion of wires must be from left to right.</div> <div>Document reference/s:</div> <div>1. Refer to WI-PRO-CNC-017 for Wire and Strip Length Tolerance. 2. Refer to WI-ENG-PDE-044 for Steering Navigation Controller procedure.. 3. Refer to GL-PRO-ASY-029 for Pull-Push procedure. 4. Refer to GL-PRO-ASY-025 for Inspection Standard for connector insertion.</div>

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# WORK INSTRUCTION

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## TAPING ASSEMBLY PROCESS

Model code/Part number:

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Customer:

TRMX

Car Model:

TOYOTA-TACOMA

Purpose:

☐ PROTOTYPE

☐ PRE-LAUNCH

☒ MASSPRO

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### PARTS:

1. AVSS 0.3 P L=156±2mm; W/G L=156±2mm; G L=156±2mm; BR L=156±2mm; GR L=156±2mm;

JIG:

1. Insertion jig

NO.

PROCESS NAME

WORK PROCEDURE/ ILLUSTRATION

TOOLS/PPE

QUALITY POINTERS

6

P1

Wire insertion to  
Connector  
PBVP-10V-S (W)

### INSERTION SEQUENCE FROM LEFT

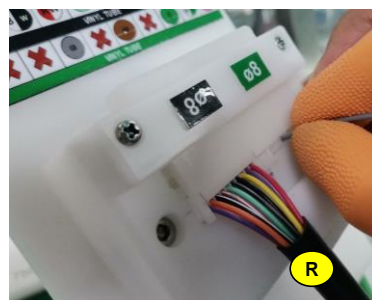


### Wire facing



Lower guide

Note: Holes that need to be insert are only open.



1. Get the **GR wire** using right hand and insert to connector. Repeat the process for **BR-G-W/G-P** wires.

**Note: Follow the insertion sequence based on the illustration.**

### STEERING NAVIGATION(2 layer)



### CONTROLLER



1. Use provided jig per model
2. No wrong usage of parts
3. One by one insertion
4. No wrong insertion
5. No deformed terminal
6. No stuck of terminal tip

### Important reminders/Note/s:

1. Please hold the wire near terminal during insertion.
2. Refer to **GL-PRO-ASY-029** for Pull-Push procedure.
3. Make sure wires are properly inserted. Conduct **Pull-Push-Pull-Push** after insertion. Do not exert extra force.
4. Follow the insertion sequence based on the above illustration.

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**WI-ENG-PDE-556**

Purpose:

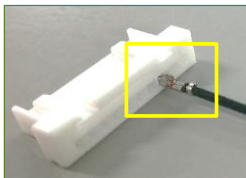

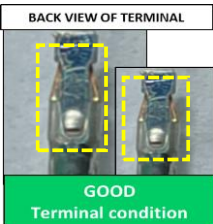
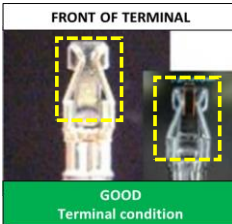
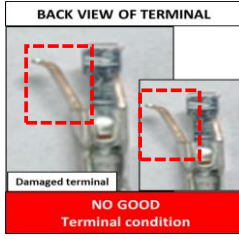
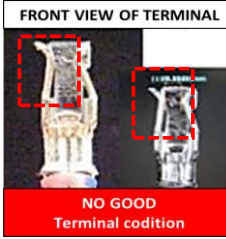
☐ PROTOTYPE☐ PRE-LAUNCH☒ MASSPRO

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<b>PARTS:</b>	1. AVSS 0.3 P L=156±2mm; W/G L=156±2mm; G L=156±2mm; BR L=156±2mm; GR L=156±2mm;			JIG:	1. Insertion jig
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>		<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>
7	P1  Wire insertion to connector PBVP-10V-S (W) (Continuation)	<div>Proper alignment of terminal to connector</div>  <div>Improper alignment of terminal to connector</div>  <div>BACK VIEW OF TERMINAL</div>  <div>GOOD Terminal condition</div> <div>FRONT OF TERMINAL</div>  <div>GOOD Terminal condition</div> <div>BACK VIEW OF TERMINAL</div>  <div>Damaged terminal NO GOOD Terminal condition</div> <div>FRONT VIEW OF TERMINAL</div>  <div>NO GOOD Terminal condition</div> <div>Note: *Make sure the terminal was in proper alignment before insert. *Avoid hitting the terminal into the connector during wire insertion, if encountered abnormality stop the process and call the attention of Immediate superior and Automatically disposed and replace the unit.</div>			<div>1. Use provided jig per model 2. No wrong usage of parts 3. No wrong insertion 4. No deformed terminal 5. No stuck of terminal tip 6. One by one insertion</div> <div>Important reminders/Note/s:</div> <div>1. Make sure wires are properly inserted. Conduct <u>Pull-Push-Pull-Push</u> after insertion. Do not exert extra force. 2. Please hold the wires near terminal during insertion. 3. Automatically dispose and replace the unit if once encountered bend terminal, difficulty of insertion and half-locked connector. 4. Insertion of wires must be from left to right.</div> <div>Document reference/s:</div> <div>1. Refer to WI-PRO-CNC-017 for Wire and Strip Length Tolerance. 2. Refer to WI-ENG-PDE-044 for Steering Navigation Controller procedure.. 3. Refer to GL-PRO-ASY-029 for Pull-Push procedure. 4. Refer to GL-PRO-ASY-025 for Inspection Standard for connector insertion.</div>

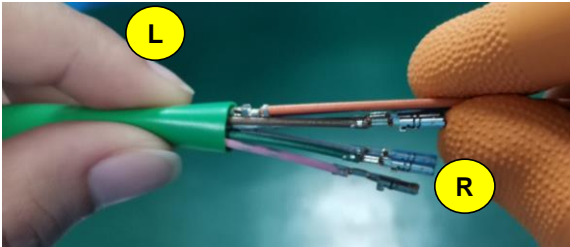

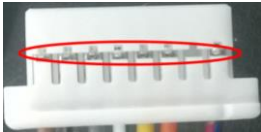
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	Purpose: <input type="checkbox"/> PROTOTYPE <input type="checkbox"/> PRE-LAUNCH <input checked="" type="checkbox"/> MASSPRO				Revision No.:		2	Page No.: 8 of 18

<b>PARTS:</b>		1. Assy parts 2. Green VM tube (sunprene) $\varnothing 8$ L=114 $\pm$ 3mm		JIG:	1. Insertion jig
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>		<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>
9	P1 Wire insertion to assy parts	<div><div>1. Hold the <b>Green VM tube (Sunprene)</b> using left hand and insert the wires from <b>Black VM tube (Sunprene)</b> using right hand.</div></div>		N/A	<div><div>Terminal tip must be visible</div><div><b>Document References:</b> 1. Refer to GL-PRO-ASY-025 for Inspection Standard for Coupler Insertion. 2. Refer to GL-PRO-ASY-043 for Verification of Fully Inserted Wires.</div></div>

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Car Model:

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Purpose:

☐ PROTOTYPE

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### PARTS:

1. Assy parts

JIG:

1. Insertion jig

NO.

PROCESS NAME

WORK PROCEDURE/ ILLUSTRATION

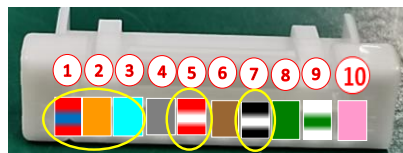
TOOLS/PPE

QUALITY POINTERS

10

P1

Wire insertion to  
Connector  
PBVP-10V-S (W)

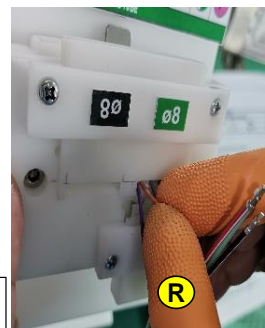


### WIRE INSERTION ILLUSTRATION

1	2	3	4	5	6	7	8	9	10
R/L	OR	LG	GR	R/W	BR	B/W	G	W/G	P
285	285	285	156	285	156	285	156	156	156

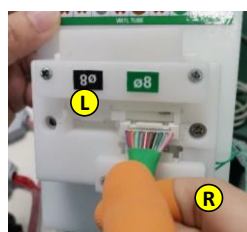
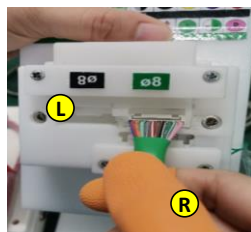


Wire facing



2. Hold the **R/L wire** using right hand and support the wire by left index finger then insert to connector using right hand. Repeat the process on **OR-LG-R/W-B/W** wires. Check the wire after insertion

*Note: Follow the insertion sequence based on the above illustration.*



3. Press the Upper button using left hand then remove the assy part using right hand. Check the insertion condition.

### STEERING NAVIGATION(2 layer)



### CONTROLLER



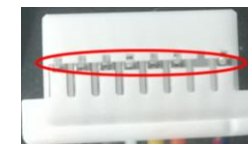
1. Use provided jig per model
2. No wrong usage of parts
3. One by one insertion
4. No wrong insertion
5. No deformed terminal
6. No stuck of terminal tip
7. No deformed terminals
8. No tangled wires
9. No wrong facing

### Important reminders/Note/s:

1. Please hold the wire near terminal during insertion.
2. Make sure wires are properly inserted. Conduct **Pull-Push-Pull-Push** after insertion. Do not exert extra force.

### Document References:

1. Refer to WI-ENG-PDE-044 for Steering Navigation Controller procedure.
2. Refer to WI-PRO-CNC-017 for Wire and Strip Length Tolerance
3. Refer to GL-PRO-ASY-028 for Pull-Push procedure.



Terminal tip must be visible

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**WI-ENG-PDE-556**

Purpose:


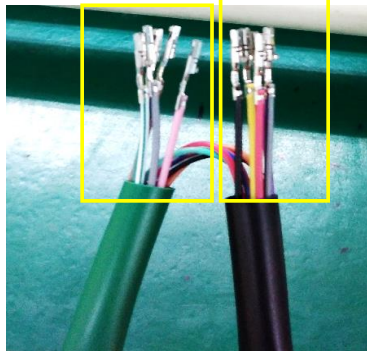
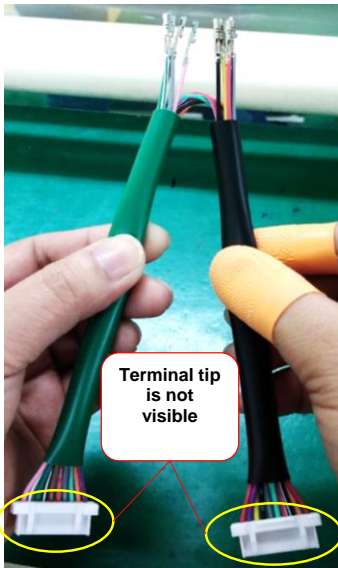
☐ PROTOTYPE☐ PRE-LAUNCH☒ MASSPRO

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<b>PARTS:</b>	1. Assy parts			JIG:	n/a
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>		<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>
11	P1	Wire arrangement	<div><p>BEFORE FOLDING</p><p>1. Hold the assy parts using both hands then conduct wire arrangement.</p></div>	N/A	1. No deformed terminals 2. No tangled wires 3. No wrong facing

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# WORK INSTRUCTION

Process Name/Title:

## TAPING ASSEMBLY PROCESS

Model code/Part number:

920B / 75S321-0080

Customer:

TRMX

Car Model:

TOYOTA-TACOMA

Purpose:

☐ PROTOTYPE

☐ PRE-LAUNCH

☒ MASSPRO

Effectivity Date:

February 10, 2025

Validity Date:

February 17, 2025

Document No.:

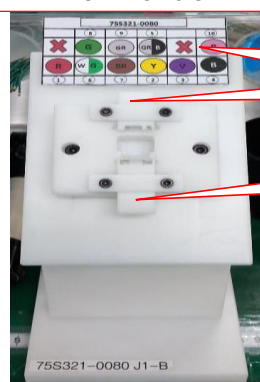
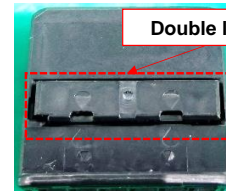
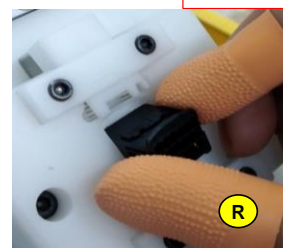

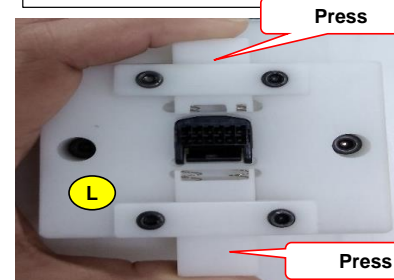
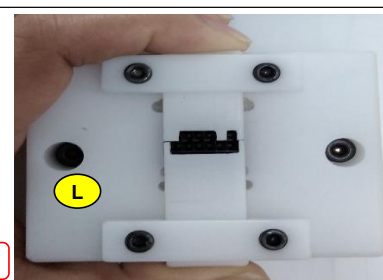

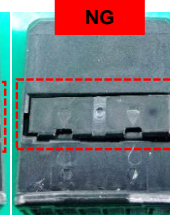



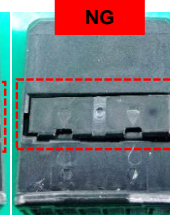


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PARTS:	1. Connector 1746872-1 (B)		JIG:	1. Insertion jig
NO.	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
12	P1  Connector setting to insertion jig 1746872-1 (B)	<div><div>INSERTION JIG</div><div></div><div>Visual</div><div>Upper guide</div><div>Lower guide</div><div></div><div>Double lock</div><div>Note: Check the connector before insertion.</div><div>CONNECTOR</div><div></div><div></div><div>1. Get the connector <b>1746872-1 (B)</b> and insert to insertion jig using right hand. <i>Note: Follow the connector orientation</i></div><div></div><div>Press</div><div></div><div>Press</div><div>2. Press the upper and lower guide (same timing) using left hand. Holes that need to be insert are only open.</div></div> <div>N/A</div> <td><div>1. Use the provided jig per model</div><div>2. No wrong usage of parts</div><div>3. No wrong orientation of connector</div><div>4. No damaged connector</div><div>CONNECTOR LOCK APPEARANCE CHECK</div><div><div>GOOD</div><div>NG</div><div></div><div>UNLOCK</div><div></div><div>HALF-LOCKED</div></div><div>CONNECTOR ILLUSTRATION</div><div><div>GOOD</div><div>NG</div><div></div><div>1746872-1 (B)</div><div></div><div>1376675-1 (B)</div></div><div>Important reminders/Note/s:</div><div>1. Automatically dispose and replace the unit if once encountered bend terminal, difficulty of insertion and half-locked connector.</div><div>2. Follow the connector orientation</div><div>3. Check the connector before insertion.</div></td>	<div>1. Use the provided jig per model</div> <div>2. No wrong usage of parts</div> <div>3. No wrong orientation of connector</div> <div>4. No damaged connector</div> <div>CONNECTOR LOCK APPEARANCE CHECK</div> <div><div>GOOD</div><div>NG</div><div></div><div>UNLOCK</div><div></div><div>HALF-LOCKED</div></div> <div>CONNECTOR ILLUSTRATION</div> <div><div>GOOD</div><div>NG</div><div></div><div>1746872-1 (B)</div><div></div><div>1376675-1 (B)</div></div> <div>Important reminders/Note/s:</div> <div>1. Automatically dispose and replace the unit if once encountered bend terminal, difficulty of insertion and half-locked connector.</div> <div>2. Follow the connector orientation</div> <div>3. Check the connector before insertion.</div>	

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## WORK INSTRUCTION

Process Name/Title:

## TAPING ASSEMBLY PROCESS

Effectivity Date:

February 10, 2025

Validity Date:

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Model code/Part number:

920B / 75S321-0080

Customer:

TRMX

Car Model:

TOYOTA-TACOMA

Document No.:

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Purpose:

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## PARTS:

1. Assy parts

JIG:

Insertion jig

## NO.

## PROCESS NAME

## WORK PROCEDURE/ ILLUSTRATION

## TOOLS/PPE

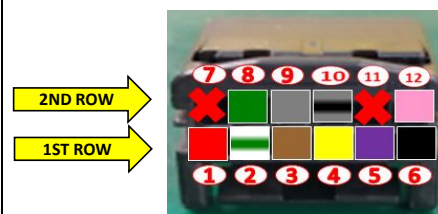
## QUALITY POINTERS

13

P1

Connector setting to  
insertion jig  
1746872-1 (B)

## INSERTION SEQUENCE FROM LEFT TO RIGHT



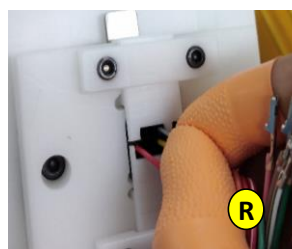
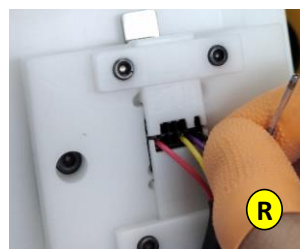
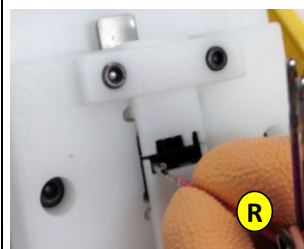
## WIRE INSERTION ILLUSTRATION

7	8	9	10	11	12
X	G	GR	GR/B	X	P
1	2	3	4	5	6
R	W/G	BR	Y	V	B
154	156	156	154	154	154

## BLACK SUNPRENE TUBE



## Wire facing



1. Insert first the wires from **Black Sunprene tube**. Hold the **R wire** and insert to terminal slot 1 using right hand. Repeat the process for **V-Y-B wires**.  
*Note: Follow the insertion sequence based on the illustration stated above.*

2. Hold the **GR/B wire** and insert to terminal slot 5.  
*Note: Follow the insertion sequence based on the illustration stated above.*

N/A

1. Use provided jig per model
2. No wrong usage of parts
3. One by one insertion
4. No wrong insertion
5. No deformed terminal
6. No stuck of terminal tip

**Important reminders/Note/s:**

1. Automatically dispose and replace the unit if once encountered bend terminal, difficulty of insertion and half-locked connector.
2. Make sure wires are properly inserted. Conduct **Pull-Push-Pull-Push after insertion**. Do not exert extra force.
3. Please hold the wire near terminal during insertion.
4. Follow the insertion sequence based on the illustration stated above.

**Document references:**

1. Refer to **GL-PRO-ASY-029** for Pull-Push procedure.
2. Refer to **WI-PRO-CNC-017** for Wire and Strip Length Tolerance

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**WORK INSTRUCTION**

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**TAPING ASSEMBLY PROCESS**

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**920B / 75S321-0080**

Customer:

**TRMX**

Car Model:

**TOYOTA-TACOMA**

Document No.:

**WI-ENG-PDE-556**

Purpose:


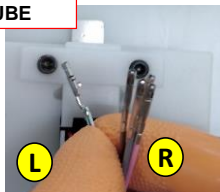

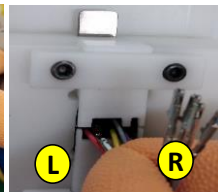
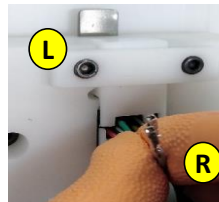
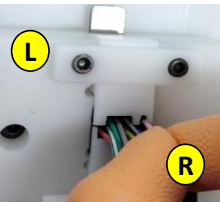
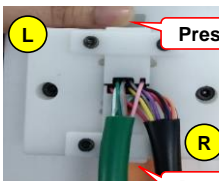
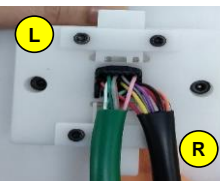
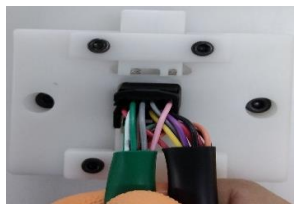
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<b>PARTS:</b>	1. Assy parts			JIG:	1. Insertion jig
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>		<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>
14	P1 Wire insertion to Connector 1746872-1 (B) (Continuation)	<div><b>GREEN SUNPRENE TUBE</b></div>     <p>3. Insert the wires from <b>Green sunprene tube</b>, hold the <b>W/G wire</b> using right hand and support the wire by left index finger then insert to terminal <b>slot 6</b> using right hand. Repeat the process for <b>BR wire</b>. <i>Note: Follow the insertion sequence based on the above illustration.</i></p>   <p>4. Hold the <b>G wire</b> and insert to terminal <b>slot 8</b> using right hand. Repeat the process for <b>GR-P wire</b>. <i>Note: Follow the insertion sequence based on the illustration.</i></p>   <p>5. Press the upper and lower lever guide (same timing) using both hands.</p>  <p>6. Remove the assy parts using right hand.</p>		N/A	<p>1. Use provided jig per model 2. No wrong usage of parts 3. One by one insertion 4. No wrong insertion 5. No deformed terminal 6. No stuck of terminal tip</p> <p><b>Important reminders/Note/s:</b></p> <p>1. Make sure wires are properly inserted. Conduct <b>Pull-Push-Pull-Push after insertion</b>. <i>Do not exert extra force.</i></p> <p>2. Please hold the wire near terminal during insertion.</p> <p>3. Follow the insertion sequence based on the above illustration.</p> <p><b>Document references:</b></p> <p>1. Refer to <b>GL-PRO-ASY-029</b> for Pull-Push procedure.</p>

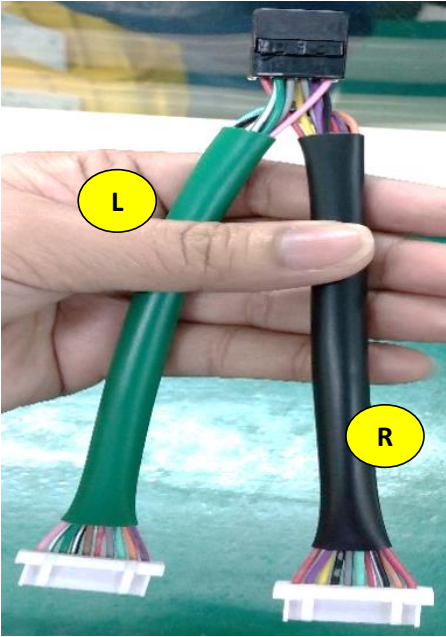
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	<b>Process Name/Title: TAPING ASSEMBLY PROCESS</b>				Validity Date:		<b>February 17, 2025</b>	
	Model code/Part number: <b>920B / 75S321-0080</b>		Customer: <b>TRMX</b>	Car Model: <b>TOYOTA-TACOMA</b>	Document No.:		<b>WI-ENG-PDE-556</b>	
	Purpose: <input type="checkbox"/> PROTOTYPE <input type="checkbox"/> PRE-LAUNCH <input checked="" type="checkbox"/> MASSPRO				Revision No.:		2	Page No.: 14 of 18



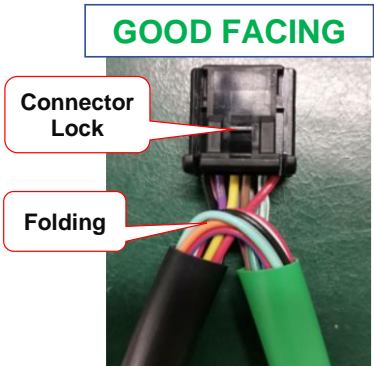
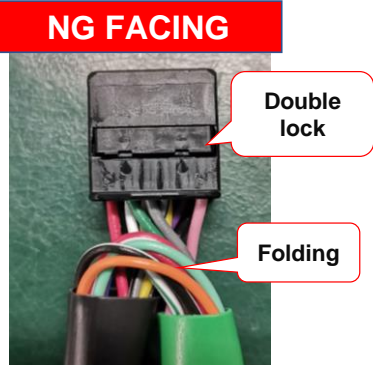
<b>PARTS:</b>		1. Assy parts		JIG:	n/a
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>		<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>
15	P1	<div><div>1. Hold the assy parts using both hands then conduct harness facing arrangement.</div></div>		n/a	1. No wrong orientation of connector 2. No tangled wires 3. No wrong wire folding

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	<b>TAPING ASSEMBLY PROCESS</b>				Validity Date:		<b>February 17, 2025</b>	
	Process Name/Title:		Model code/Part number: <b>920B / 75S321-0080</b>		Customer: <b>TRMX</b>	Car Model: <b>TOYOTA-TACOMA</b>		Document No.: <b>WI-ENG-PDE-556</b>
	Purpose:		<input type="checkbox"/> PROTOTYPE <input type="checkbox"/> PRE-LAUNCH <input checked="" type="checkbox"/> MASSPRO		Revision No.:		2	Page No.: 15 of 18

<b>PARTS:</b>		1. Assy parts		JIG:	n/a
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>	<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>	
15	P1 Harness arrangement (Continuation)	<div><p>Folding at the back</p><p>Terminal tip is Not visible</p><p><b>GOOD FACING</b></p></div> <div><p>Folding in the front</p><p>Terminal tip is visible</p><p><b>NG FACING</b></p></div> <div><p><b>GOOD FACING</b></p><p>Connector Lock</p><p>Folding</p></div> <div><p><b>NG FACING</b></p><p>Double lock</p><p>Folding</p></div>	n/a	1. No wrong orientation of connector 2. No tangled wires 3. No wrong wire folding	

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**WORK INSTRUCTION**

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**920B / 75S321-0080**

Customer:

**TRMX**

Car Model:

**TOYOTA-TACOMA**

Document No.:

**WI-ENG-PDE-556**

Purpose:

☐ PROTOTYPE☐ PRE-LAUNCH☒ MASSPRO

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**PARTS:**

1. Assy parts
2. Master sample

JIG:

n/a

**NO.****PROCESS NAME****WORK PROCEDURE/ ILLUSTRATION****TOOLS/PPE****QUALITY POINTERS**

16

P1

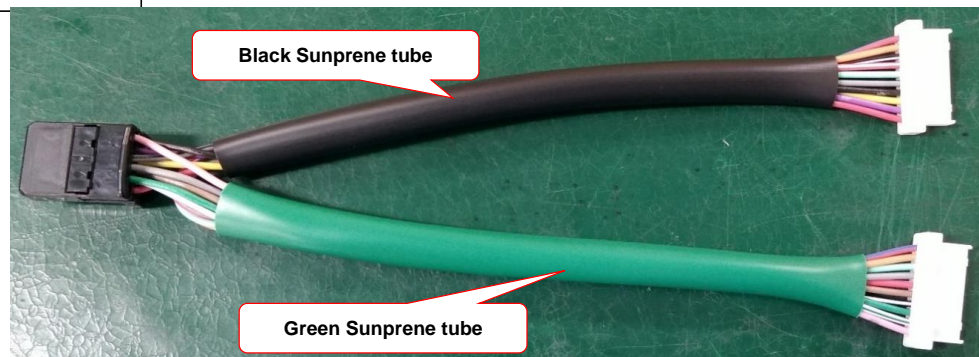
Visual/By Two's  
Inspection

1. Check the connector lock, locking of connector is included in Steering electrical test.

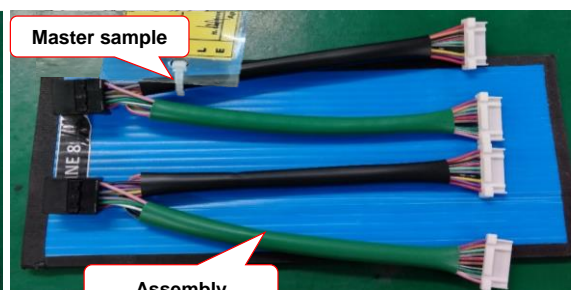
2. Check the wire alignment. Make sure no tangled wires.

3. Check the terminal if with backing-out (Or not fully inserted) no deformed terminal.

4. Check the orientation of harness.



5. Compare to **Master sample** by tapping.



2

**Document References:**

1. Refer to **WI-QAD-QAC-252** for Steering Electrical Test after assembly.


**MASTER SAMPLE**

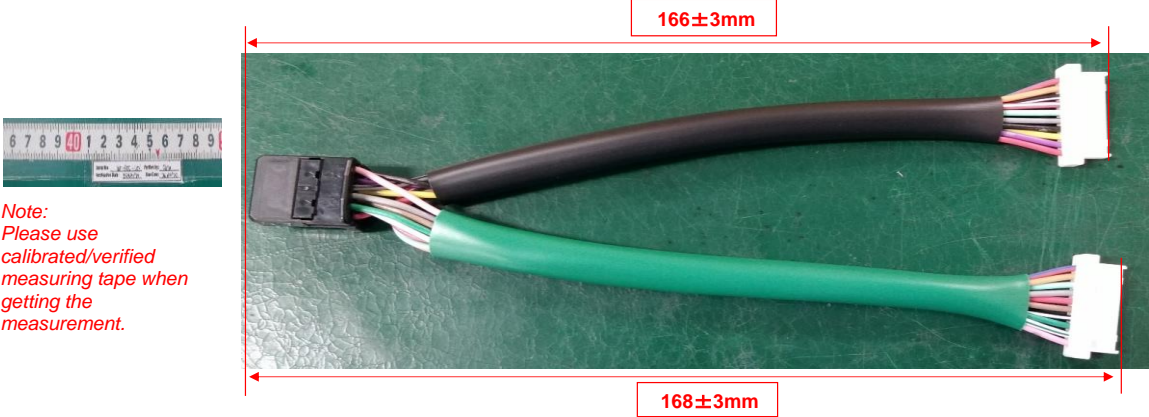
1. No wrong facing of harness
2. No Tangled wires
3. No missing parts

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	<b>Process Name/Title: TAPING ASSEMBLY PROCESS</b>				Validity Date:		<b>February 17, 2025</b>	
	Model code/Part number: <b>920B / 75S321-0080</b>		Customer: <b>TRMX</b>	Car Model: <b>TOYOTA-TACOMA</b>	Document No.:		<b>WI-ENG-PDE-556</b>	
	Purpose: <input type="checkbox"/> PROTOTYPE <input type="checkbox"/> PRE-LAUNCH <input checked="" type="checkbox"/> MASSPRO				Revision No.:		2	Page No.: 17 of 18

<b>PARTS:</b>	1. Assy parts			JIG:	n/a
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>	<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>	
17	P1 Measurement	<div><p>Note: Please use calibrated/verified measuring tape when getting the measurement.</p></div>		<p><b>Important reminders and note/s:</b></p> <p>1. Please use calibrated/verified measuring tape when getting the measurement.</p> <p>2. For Hatsumono, Nakamono and Owarimono.</p> <p><b>Document reference/s:</b></p> <p>1. Refer to <b>WI-PRO-ASY-056</b> for Sub-assembly Hatsumono Nakamono Owarimono Inspection</p> <p>1. No wrong dimension</p>	

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Purpose:

☐ PROTOTYPE

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PARTS:

n/a

JIG:

n/a

### QUALITY CHECKPOINTS

P1

75S321-0080

1. Check the connector lock.

2. Check the wire alignment. Make sure no tangled wires.

Black Sunprene Tube

Green Sunprene Tube

3. Check the orientation of harness.

4. Check if no missing parts.

5. Check the terminal if with backing out (not fully inserted) or deformed terminal.

FOLDED WIRES MUST BE IN BACK POSITION

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