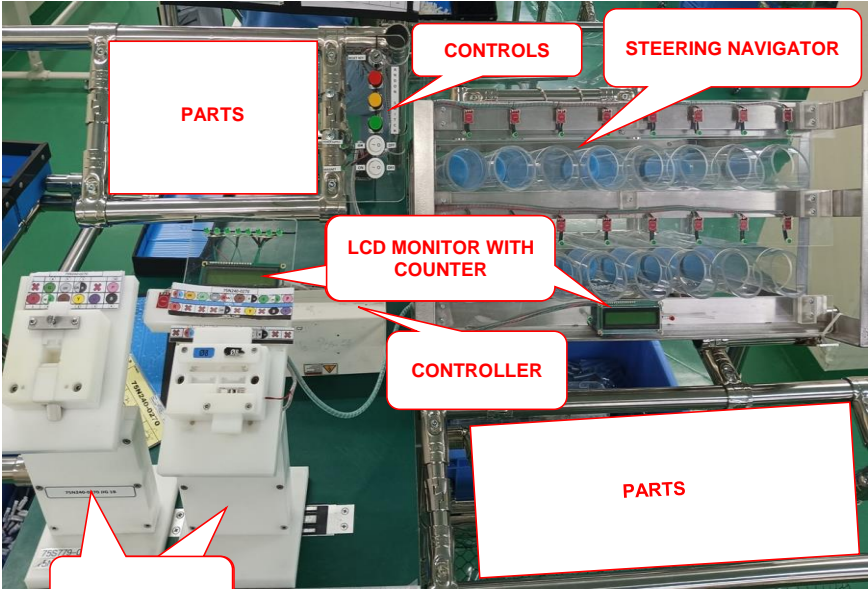



	<b>WORK INSTRUCTION</b> <b>STEERING NAVIGATION CONTROLLER</b>			Effectivity Date:	July 10, 2024		
	Process Name/Title:			Validity Date:	n/a		
	Model code/Part number:	ALL STEERING MODELS	Customer:	ALL	Car Model:	ALL	
	Purpose:	<input type="checkbox"/> PROTOTYPE	<input type="checkbox"/> PRE-LAUNCH	<input checked="" type="checkbox"/> MASSPRO	Document No.:	WI-ENG-PDE-044	
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PARTS:	n/a			JIG:	1. Insertion jig 2. Controller 3. Steering navigator
NO.	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION		TOOLS/PPE	QUALITY POINTERS
1	<div>4</div> n/a <div>Table lay-out</div>	<div>Table Lay-out</div> 		<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. Make sure the Controller to be used is same part number of models to be produced.

Revision History							Prepared by	Reviewed by	Approved by	Noted by
							 D. Castillo	 C. Villanueva	 A. Arañes	n/a
07/10/24	4	Improved Steering navigation and process flow.	D.Castillo	C.Villanueva	A. Arañes	n/a				
02/15/21	3	Apply some improvements. Revise due to removal of cycle time in every process. Conduct semi-annual review of documents.	M. Catapang	R. Peñaloza	A. Shimamura	A. Arañes				
08/14/20	2	Changed effectivity and validity date. Include process name in every process. Additional cycle time in every process.	M. Catapang	J. Loterte	A. Shimamura	n/a				
Eff. Date	Rev. No	Details of Change	Revised	Reviewed	Approved	Noted	Est. Date:	October 28, 2019		

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**WORK INSTRUCTION**

Process Name/Title:

**STEERING NAVIGATION CONTROLLER**

Effectivity Date:

**July 10, 2024**

Validity Date:

**n/a**

Model code/Part number:

**ALL STEERING MODELS**

Customer:

**ALL**

Car Model:

**ALL**

Document No.:

**WI-ENG-PDE-044**

Purpose:

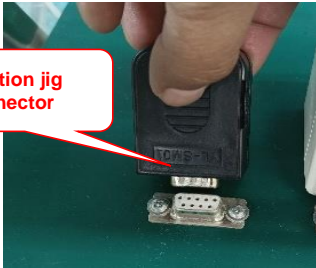


☐ PROTOTYPE☐ PRE-LAUNCH☒ MASSPRO

Revision No.:

**4**

Page No.:

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PARTS:		n/a		JIG:	1. Insertion jig 2. Controller 3. Steering navigator
NO.	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION		TOOLS/PPE	QUALITY POINTERS
2	n/a	Plug-in connectors	<div></div> <div></div> <div></div> <div><div>1. Get the conenctor of insertion jig and plug in mating connector.</div><div>2. Get the contoller and plug in mating connector.</div><div>3. After plug in, make sure the insertion jig connector and contoller is properly inserted.</div></div> <td>n/a</td> <td>1. Make sure the controller and insertion jig is same part number 2. No un-plug connector 3. Make sure properly inserted</td>	n/a	1. Make sure the controller and insertion jig is same part number 2. No un-plug connector 3. Make sure properly inserted

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# WORK INSTRUCTION

Process Name/Title:

STEERING NAVIGATION CONTROLLER

Effectivity Date:

July 10, 2024

Validity Date:

n/a

Model code/Part number:

ALL STEERING MODELS

Customer: ALL

Car Model: ALL

Document No.:

WI-ENG-PDE-044

Purpose:

☐ PROTOTYPE

☐ PRE-LAUNCH



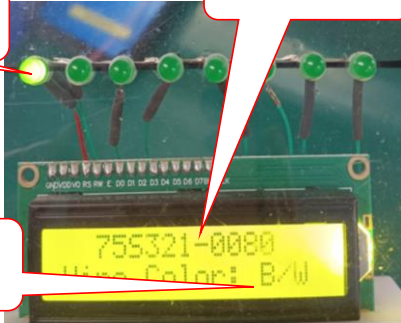
☒ MASSPRO

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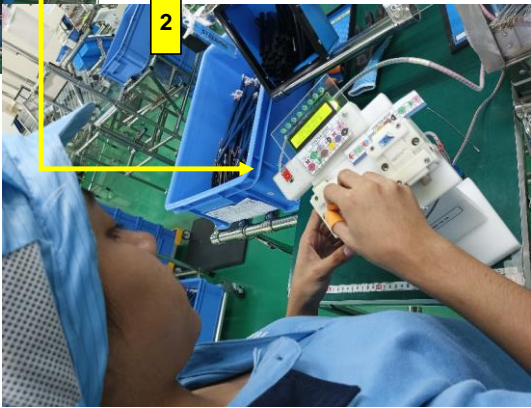
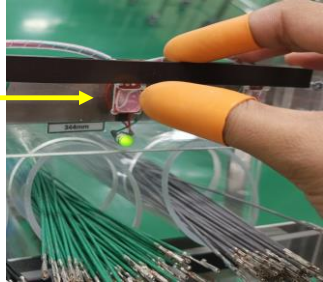
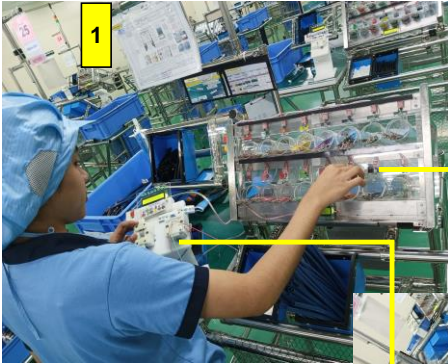
PARTS:		n/a		JIG:	1. Insertion jig 2. Controller 3. Steering navigator
NO.	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION		TOOLS/PPE	QUALITY POINTERS
3	n/a Power on and LCD monitor checking	<div><p>1. Press the <b>POWER ON</b> and <b>Magnet ON</b> button.</p></div> <div><p>2. Press the <b>POWER ON</b> of controller.</p></div> <div><p>3. <b>LCD MONITOR</b> will be open. Check if the part number appeared in the monitor is correct.</p></div>		n/a	1. Make sure the Controller to be used is same part number of models to be produced. 2. If encountered <b>ABNORMALITY</b> . <b>STOP</b> the process, <b>CALL</b> the leader and <b>WAIT</b> for instruction.

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	<b>WORK INSTRUCTION</b>				Effectivity Date:	<b>July 10, 2024</b>		
	Process Name/Title: <b>STEERING NAVIGATION CONTROLLER</b>				Validity Date:	<b>n/a</b>		
	Model code/Part number: <b>ALL STEERING MODELS</b>		Customer: <b>ALL</b>	Car Model: <b>ALL</b>	Document No.:	<b>WI-ENG-PDE-044</b>		
	Purpose: <input type="checkbox"/> PROTOTYPE		<input type="checkbox"/> PRE-LAUNCH	<input checked="" type="checkbox"/> MASSPRO	Revision No.:	<b>4</b>	Page No.:	<b>4 of 5</b>

<b>PARTS:</b>	n/a			<b>JIG:</b>	1. Insertion jig 2. Controller 3. Steering navigator		
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>			<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>	
4	n/a <div>4</div> Sequence light button checking	<div>1. Upon start, press the sequence light button, get the wire appeared in the LCD monitor and insert to connector. Conduct <b>Pull-Push-Pull-Push</b> during insertion and sequence light will moved to next wire. Continue the process.</div> <div></div>			n/a	1. Make sure the Controller to be used is same part number of models to be produced. 2. If encountered <b>ABNORMALITY</b> . <b>STOP</b> the process, <b>CALL</b> the leader and <b>WAIT</b> for instruction.	

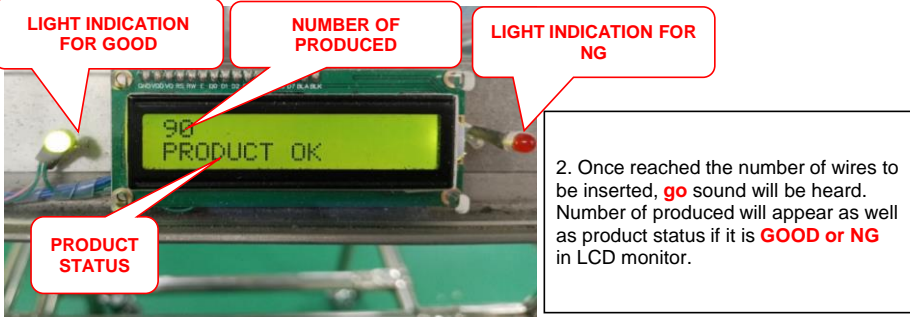

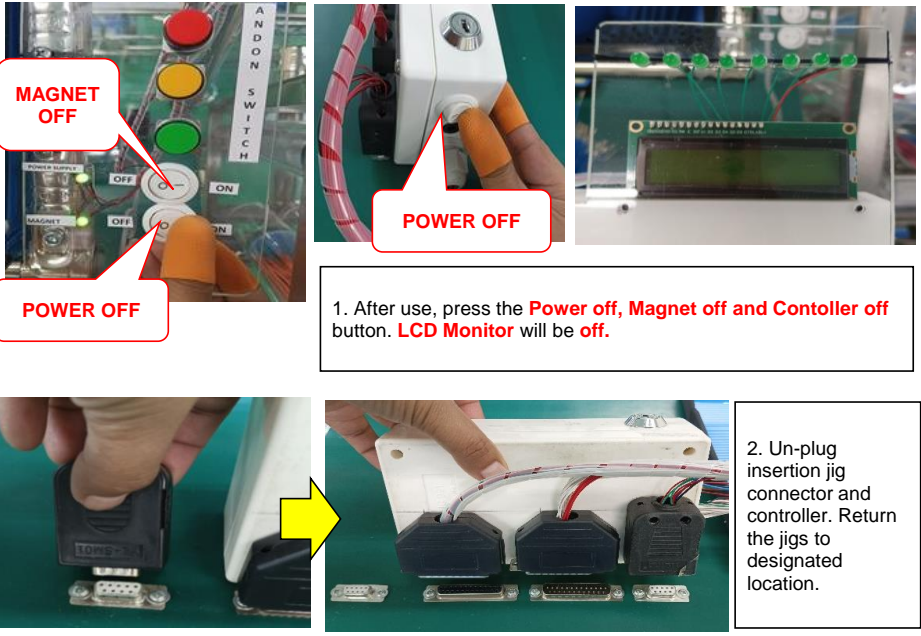
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	<b>WORK INSTRUCTION</b>				Effectivity Date:	<b>July 10, 2024</b>		
	Process Name/Title: <b>STEERING NAVIGATION CONTROLLER</b>				Validity Date:	<b>n/a</b>		
	Model code/Part number: <b>ALL STEERING MODELS</b>		Customer: <b>ALL</b>	Car Model: <b>ALL</b>	Document No.:	<b>WI-ENG-PDE-044</b>		
	Purpose: <input type="checkbox"/> PROTOTYPE <input type="checkbox"/> PRE-LAUNCH <input checked="" type="checkbox"/> MASSPRO				Revision No.:	<b>4</b>	Page No.:	<b>5 of 5</b>

<b>PARTS:</b>	n/a			<b>JIG:</b>	1. Insertion jig 2. Controller 3. Steering navigator
<b>NO.</b>	<b>PROCESS NAME</b>	<b>WORK PROCEDURE/ ILLUSTRATION</b>		<b>TOOLS/PPE</b>	<b>QUALITY POINTERS</b>
4	Sequence light button checking (Continuation)	<div>  </div>		n/a	1. Make sure the Controller to be used is same part number of models to be produced. 2. If encountered <b>ABNORMALITY</b> . <b>STOP</b> the process, <b>CALL</b> the leader and <b>WAIT</b> for instruction.
5	<div>  </div> n/a	<div>  </div>		n/a	1. Put all jigs on its proper jlocation. 2. Do not leave in the table.

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