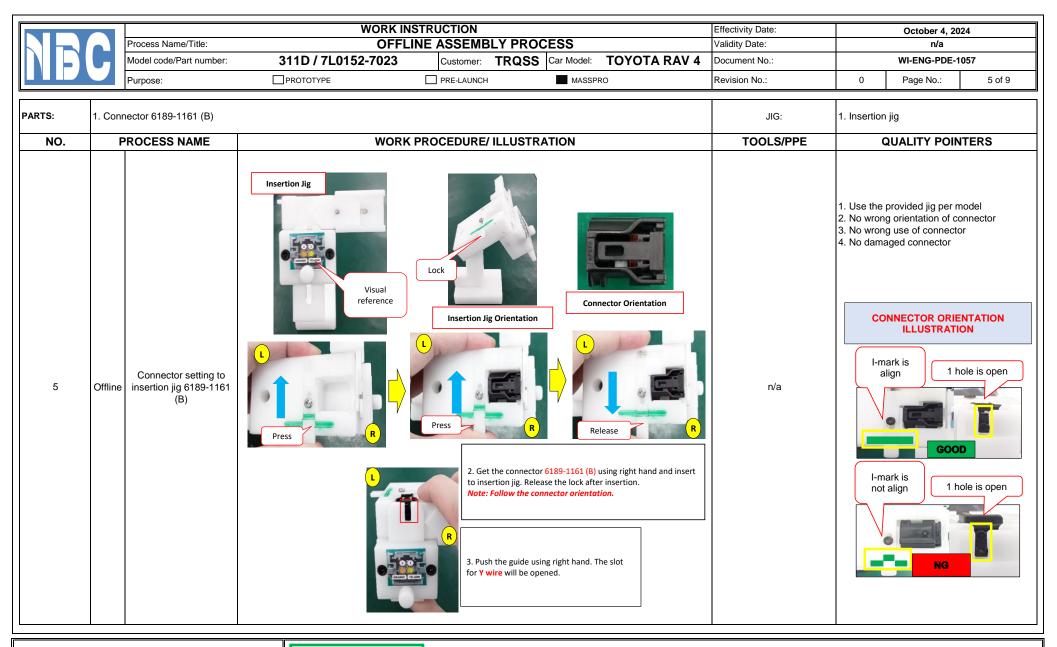
	WORK INSTRUCTION Effectivity Date: October 4, 2024												
			Process Name/Title:	OF	FLINE ASSEMBLY PROC	ESS		Validity Date:		n/a			
	-1		Model code/Part number:	311D / 7L0152-7023	Customer: TRQSS	Car Model:	TOYOTA RAV 4	Document No.:		WI-ENG-PDE-1057			
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPI	RO	Revision No.:	0	Page No.:	1 of 9		
PARTS:			nector 6188-0093 (W); Co	onnector 6189-1161 (B); AVSSf 0.3 Y-	OR wire L=377±2mm ; Black Corre	ugated tube		JIG:	Insertion     Insertion     Locking				
NO	١.	Р	ROCESS NAME	Wo	RK PROCEDURE/ ILLUSTR/	ATION		TOOLS/PPE	(	QUALITY POINTERS			
1		Offline	Table Lay-out	Connector 6188- 0093 (W)  Insertion jig w/ switch cov  Box 100 or	Table Lay-out  Black Corrugated tube Ø5 L=252±3mm;  AVSSf 0.3 OR wire L=377±2mm	Connect	or 6189-1161 (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.	Importa 1. Refer Offline a 2. Refer and Strip 1. No miss	ant reminders/Not to WI-ENG-PDE-675 ssembly process to WI-PRO-CNC-017 o Length Tolerance ing parts/tools ss parts/tools	re/s: for		
				Revision His	tory			Prepared by R	eviewed by	Approved by	Noted by		
10/04/24	0			Initial issue.				Olimon du A.Hemandez (	louf jillour				
10/04/24 Eff. Date R	0 ev. No			Initial issue.  Details of Change		1 1			Villanueva per 4, 2024	/ A.C.Araõles	n/a		

			WORK IN	Effectivity Date:	October 4, 2024					
		Process Name/Title:		INE ASSEMBL			Validity Date:		n/a	
		Model code/Part number:	311D / 7L0152-7023	Customer:	TRQSS Car Model:	TOYOTA RAV 4	Document No.:		WI-ENG-PDE-1	057
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSF	PRO	Revision No.:	0	Page No.:	2 of 9
PARTS:	1. Con	nector 6188-0093 (W)					JIG:	n/a		
NO.	F	PROCESS NAME	WORK	PROCEDURE/ I	LLUSTRATION		TOOLS/PPE	(	QUALITY POIN	ITERS
2	Offline	Connector setting to insertion jig 6188-0093 (W)	Insertion jig with switch cover  Yellow wire  Visual reference  Press  R  1. Press the lock using left hand.  3. Pus for Ye	to insertion jig. Rel Note: Follow the	or 6188-0093 (W) using lease the lock after inseconnector orientation.			2. No loos 3. No wro 4. One by 5. No defo 6. No wror  Importan 1. Please 2. Make s inserted. Conduct insertion Do not ex  Docume 1. Refer Push pro 2. Refer 2. Refer	ng insertion one insertion rmed terminal ng wire facing  t reminders/Note hold the wire ne sure wires are pr Pull-Push-Pull-P . kert extra force.  Int references: to GL-PRO-ASY-	v/s: ar terminal. coperly ush after 029 for Pull- 017 for Wire

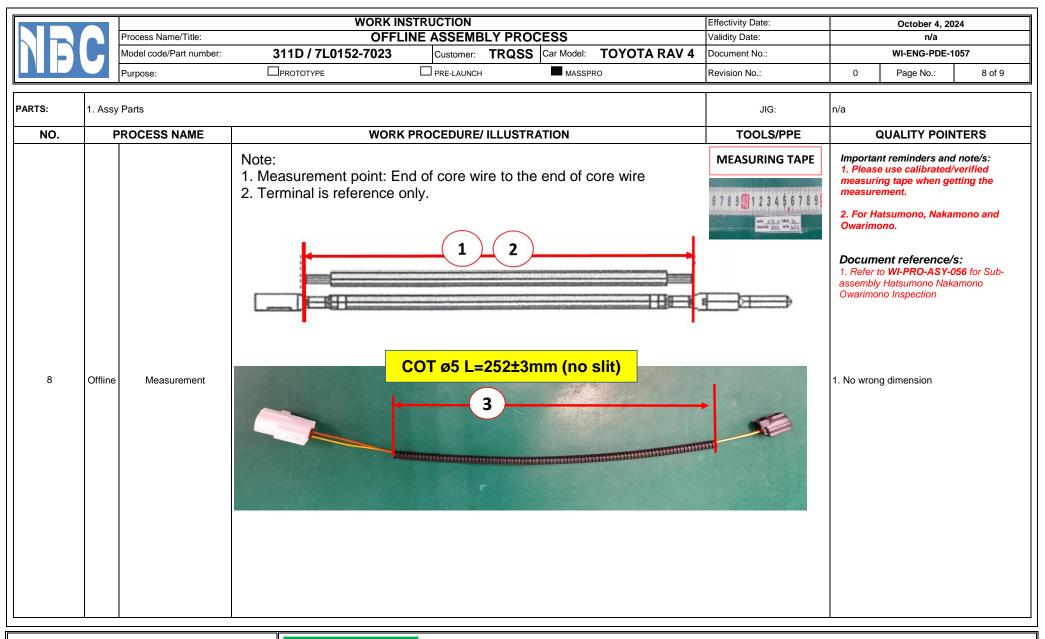
	WORK INSTRUCTION Effectivity Date: October 4, 2024											
		Process Name/Title:	OFFLIN	IE ASSEMB	LY PROC	CESS		Validity Date:		n/a		
		Model code/Part number:	311D / 7L0152-7023	Customer:	TRQSS	Car Model:	TOYOTA RAV 4	Document No.:		WI-ENG-PDE-1	057	
		Purpose:	PROTOTYPE	PRE-LAUNCH		MASSPE	RO	Revision No.:	0	Page No.:	3 of 9	
PARTS:	1. AVS	Sf 0.3 Y-OR wire L=377±2n	nm					JIG:	G: 1. Insertion jig with switch cover			
NO.	F	PROCESS NAME	WORK F	ROCEDURE/	ILLUSTRA	ATION		TOOLS/PPE	QUALITY POINTERS			
3	Offline	Wire insertion to insertion 6188-0093 (W)	1. Hold the insertion jig using left hand.  Get the Yellow wire then insert to terminal slot 1 using right hand.  2 Orange wire then insert to terminal slot 2 using right hand.	re R	2. Press th The slot for	Presion, push the	g right thumb. e will be opened.  lock using left thumb d gently pull out the		2. No loos 3. No wron 4. One by 6 5. No defol 6. No wron Importar 1. Please 2. Make inserted. Conduct insertion Do not e  Docume 1. Refer Push pri 2. Refer	ng insertion one insertion rmed terminal g wire facing  ont reminders/Note e hold the wire ne sure wires are po	e/s: ear terminal. roperly Push after 029 for Pull- 017 for	

	WORK INSTRUCTION Effectivity Date: October 4, 2024										
		Process Name/Title:		NE ASSEMBLY PROCI	Validity Date:	n/a					
		Model code/Part number:	311D / 7L0152-7023	Customer: TRQSS		Document No.:		WI-ENG-PDE-1	057		
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	4 of 9		
PARTS:	1. Assy 2. Blac	/ parts k Corrugated tube Ø5 L=25	:2±3mm	JIG:	n/a						
NO.	PROCESS NAME WORK PROCEDURE/ IL			PROCEDURE/ ILLUSTRA	TION	TOOLS/PPE	(	QUALITY POINTERS			
4	Offline	Wire insertion to Black Corrugated tube Ø5 L=252±3mm		R	1. Get the Black corrugated tube (No slit) Ø5, L=252±3mm using right hand then insert the Y-OR wire using right hand.	n/a	1. No defo	rmed terminal			



			WORK IN	Effectivity Date:	October 4, 2024					
		Process Name/Title:			BLY PROCESS		Validity Date:		n/a	
	H	Model code/Part number:	311D / 7L0152-7023	Customer:	TRQSS Car Model:	TOYOTA RAV 4	Document No.:		WI-ENG-PDE-1	057
		Purpose:	□PROTOTYPE	PRE-LAUNCH	MASSPI	RO	Revision No.:	0	Page No.:	6 of 9
PARTS:	1. Assy	/ parts					JIG:	1. Insertior	ı jig	
NO.	F	PROCESS NAME	WORK	TOOLS/PPE	QUALITY POINTERS					
6	Offline	Wire insertion to connector 6189-1161 (B)	1. Hold the insertion jig using left hand. Get the Yellow wire then it to terminal slot 1 using right hand.  2 Orange wire  3. Get the Orange wire then insert to terminal slot 2 using right hand.	R	2. Press the button usin Orange wire will be ope  4. After insertion, push thumb and then hold to pull out the connector hand.	g right thumb. Slot for ned.  Press R  In the lock using left he wires and gently	n/a	Importan 1. Please 2. Make s inserted. Conduct insertion. Do not ex  Documen 1. Refer t Push pro 2. Refer t	g insertion one insertion red terminal g wire facing g wire facing tring insertion, holder seal to prevent treminders/Note, hold the wire newer wires are properly and the wire are properly for the extra force.	/s: ar terminal. operly ush after

	_		WORK		Effectivity Date:		October 4, 2024				
		Process Name/Title:		FLINE ASSE		OCESS		Validity Date:		n/a	
	H	Model code/Part number:	311D / 7L0152-7023				TOYOTA RAV 4	Document No.:		WI-ENG-PDE-1	057
		Purpose:	PROTOTYPE	☐ PRE-LAI	JNCH	MASSP	PRO	Revision No.:	0	Page No.:	7 of 9
PARTS:	1. Assy	parts						JIG:	n/a		
NO.	F	ROCESS NAME	WORK PROCEDURE/ ILLUSTRATION					TOOLS/PPE	QUALITY POINTERS		
7	Offline	Connector lock	BEFORE PRESSIN	G Hai	1. Put the co hands and the lock if proper	en press 2x. C		LOCKING JIG	1. Man damag	viant reminders/No ual locking may ged connector loc vided locking jig p ck/half-locked con	caused ck er model.

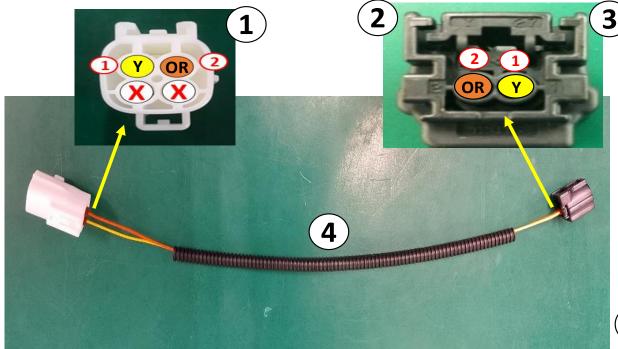


		WORK INSTRUCTION E						Effectivity Date: October 4, 2024			24
		Process Name/Title:	OFFLII	Validity Date: n/a							
		Model code/Part number:	311D / 7L0152-7023	Customer:	TRQSS	Car Model:	TOYOTA RAV 4	Document No.:		WI-ENG-PDE-10	057
		Purpose:	□PROTOTYPE	PRE-LAUNCH		MASSPR	80	Revision No.:	0	Page No.:	9 of 9
PARTS:	n/a							JIG:	n/a		

## VISUAL INSPECTION/QUALITY CHECKPOINTS

## **OFFLINE INSERTION**

## 7L0152-7023



- **1 2** No Wrong Insert
- 3 No Half locked/Unlocked Connector
- 4 No Missing COT
- 5 No Deformed Terminal
- 6 No Terminal Backing
  Out

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