	WORK INSTRUCTION Effectivity Date: December 04, 2024											
			Process Name/Title:	OFF	LINE ASSEMBLY PRO	CESS		Validity	/ Date:		n/a	
		Ħ	Model code/Part number:	310D / 7N0240-7020	Customer: TRJ	Car Model:	TOYOTA RAV 4	Docum	ent No.:		WI-ENG-PDE-1	176
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSP	RO	Revisio	on No.:	0	Page No.:	1 of 9
PARTS:	9	Ø5 L=2	57±3mm;	onnector 6189-1161 (B); AVSSf 0.3 Y-0			1. Insertion jig with switch cover 2. Insertion jig. 3. Locking jig					
NC	Э.	F	ROCESS NAME	WOF	RK PROCEDURE/ ILLUSTR	ATION			TOOLS/PPE	(QUALITY POIN	TERS
1	Table Lay-out Connector 6188- 0093 (W) Black Corrugated tube Ø5 L=257±3mm; Connector 6189-1161 (B) AVSSf 0.3 OR wire L=377±2mm Insertion jig w/ B AVSSf 0.3 Y wire L=377±2mm Revision History						pro (gl 1. M 2. F t pro the A	Infety Instruction Be sure to wear escribed person tective equipment of the sure to wear escribed person tective equipment of the sure of	al al 1. Refer Offline al s. 2. Refer and Strip ays 1. No miss 2. No exce in least telester and strip at a str	ant reminders/ to WI-ENG-PDE-lessembly process to WI-PRO-CNC- to Length Toleran ing parts/tools ss parts/tools	675 for 6 017 for Wire	
		Revision History							Prepared by	Reviewed by	Approved by	Noted by
									Ohmonder	- Josep Hours		
12/04/24	0			Initial issue.		A.Hernandez	C. Villanueva A. Arañes	n/a	A.Hernandez	C. Villanueva	A. Arañes	n/a
Eff. Date	Rev. No			Details of Change		1 1	i i		st. Date:	December 04, 2024	•	
	Details of Change Revised Reviewed Approved Noted L.S.: Date. December 04, 2024											

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		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPE		Revision No.:	0	Page No.:	2 of 9
PARTS:		nector 6188-0093 (W)			n/a	 √a				
NO.	F	PROCESS NAME	WORK	RK PROCEDURE/ ILLUSTRATION			TOOLS/PPE	QUALITY POINTERS		
2	Offline	Connector setting to insertion jig 6188-0093 (W)	hand. 3. Pus	Insertion Jig ORIENTATION Press 2. Get the connector 6188-to insertion jig. Release the Note: Follow the connector that the lower wire guide upwardlow wire will be opened.	0093 (W) using lock after inser or orientation.	tion.		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	Pull-Push-Pull-P . xert extra force. nt references: to GL-PRO-ASY-	/s: ar terminal. operly ush after 029 for Pull- 017 for Wire

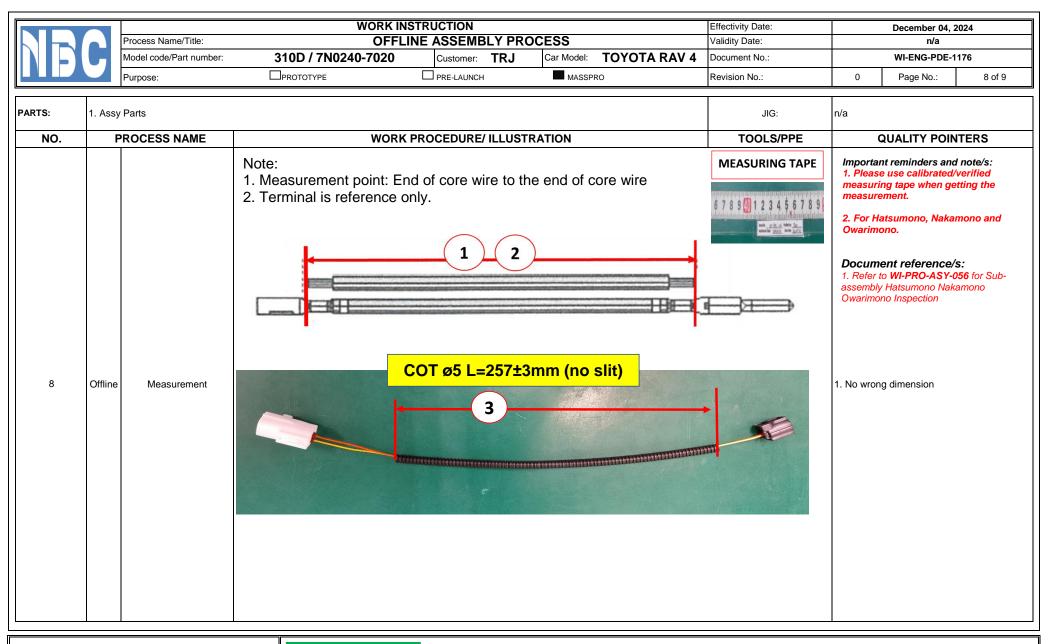
	WORK INSTRUCTION Effectivity Date: December 04, 2024											
		Process Name/Title:		NE ASSEMBLY	PROCESS		Validity Date:		n/a			
		Model code/Part number:	310D / 7N0240-7020 Customer: TRJ Car Model: TOYOTA		TOYOTA RAV 4	Document No.:	WI-ENG-PDE-1176					
		Purpose:	PROTOTYPE	☐ PRE-LAUNCH	MASSPR	0	Revision No.:	0	Page No.:	3 of 9		
PARTS:	1. AVSSf 0.3 Y-OR wire L=377±2mm							1. Insertion jig with switch cover				
NO.	F	PROCESS NAME	WORK F	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.	2. Th	Press Press the button using the slot for Orange wire ter insertion, push the lithen hold the wires and the cector from jig using right.	right thumb. will be opened. ock using left thumb gently pull out the		2. No loos 3. No wrot 4. One by 6 5. No defot 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 reminders/Pull-Push-Pull-Fo exert extra force. ont references: to GL-PRO-ASY-	e/s: ear terminal. roperly Push after 029 for Pull- 017 for		

WORK INSTRUCTION Effectivity Date: December 04, 2024											
		Process Name/Title:		NE ASSEMBLY PROC	CESS	Validity Date:	n/a				
		Model code/Part number:	310D / 7N0240-7020	Customer: TRJ	Car Model: TOYOTA RAV 4	Document No.:		WI-ENG-PDE-1	176		
		Purpose:	PROTOTYPE	☐ PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	4 of 9		
PARTS:	1. Assy 2. Blac	r parts k Corrugated tube Ø5 L=25	57±3mm			JIG:	JIG: n/a				
NO.	F	PROCESS NAME	WORK I	PROCEDURE/ ILLUSTR/	ATION	TOOLS/PPE	QUALITY POINTERS				
4	Offline	Wire insertion to Black Corrugated tube Ø5 L=257±3mm	L	R	1. Get the Black corrugated tube (No slit) Ø5, L=257±3mm using right hand then insert the Y-OR wire using right hand.	n/a	1. No defo	rmed terminal			

		D. N. Till		STRUCTION INE ASSEMBLY PR	Effectivity Date:	December 04, 2024 n/a					
		Process Name/Title: Model code/Part number:	310D / 7N0240-7020	Validity Date:	ocument No.: WI-ENG-PDE						
	U	Purpose:	PROTOTYPE	Customer: TRJ PRE-LAUNCH	Car Model:	TOYOTA RAV 4	Revision No.:	0	Page No.:	5 of 9	
PARTS:	1. Con	nector 6189-1161 (B)					JIG:	1. Insertion jig			
NO.	I	PROCESS NAME	WORK	TOOLS/PPE	QUALITY POINTERS						
5	Offline	Connector setting to insertion jig 6189-1161 (B)	Visual reference R	to insertion jig. If Note: Follow the	Relactor 6189-1161 (B) to Release the lock afte e connector orientate	ion.	n/a	2. No wror 3. No wror 4. No dam	GOO	INTATION ON Ole is open	

	WORK INSTRUCTION Effectivity Date: December 04, 2024											
		Process Name/Title:		E ASSEMB	LY PRO	CESS		Validity Date:	n/a			
		Model code/Part number:	310D / 7N0240-7020	Customer:	TRJ	Car Model:	TOYOTA RAV 4	Document No.:		WI-ENG-PDE-1	176	
		Purpose:	PROTOTYPE	PRE-LAUNCH		MASSPF	२०	Revision No.:	0	Page No.:	6 of 9	
PARTS:	1. Assy	parts						JIG:	1. Insertion	jig		
NO.	F	PROCESS NAME	WORK P	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 ins to terminal slot 1 using right hand. 2 Orange wire 3. Get the Orange wire then insert to terminal slot 2 using right hand.		2. Press the Orange will be a second of the Control	ire will be oper	R g right thumb. Slot for		Important 1. Please 2. Make s inserted. Conduct insertion. Do not ex Document 1. Refer t Push pro 2. Refer t	g insertion one insertion on inse	/s: ar terminal. operly ush after	

	_		WORK IN		Effectivity Date:	December 04, 2024						
		Process Name/Title:	OFFL	Validity Date:	n/a							
		Model code/Part number:	310D / 7N0240-7020	Customer:			TOYOTA RAV 4	Document No.:		WI-ENG-PDE-1	176	
		Purpose:	PROTOTYPE	PRE-LAUNCH	ł	MASSPR	0	Revision No.:	0	Page No.:	7 of 9	
PARTS:	1. Assy	parts						JIG:	n/a			
NO.	F	PROCESS NAME	WORK	PROCEDURE	/ ILLUSTRA	NOITA		TOOLS/PPE	(QUALITY POIN	TERS	
7	Offline	Connector lock	BEFORE PRESSING Unlock Condition	ha	inds and then ick if properly lo	press 2x. Ch		LOCKING JIG	1. Man damag	ant reminders/No ual locking may ged connector loc vided locking jig p ck/half-locked con	caused ck	



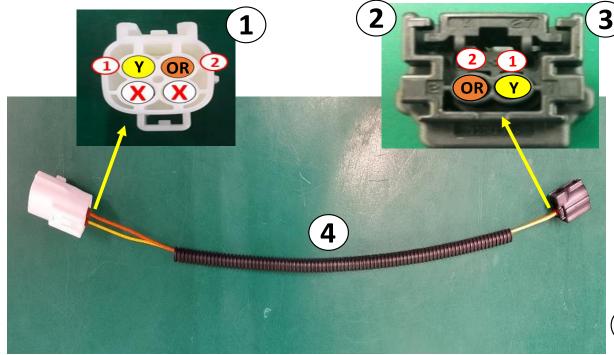


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VISUAL INSPECTION/QUALITY CHECKPOINTS

OFFLINE INSERTION

7N0240-7020



- 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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