					WORK INSTRUCTION	N				Effect	ivity Date:			November 18, 20	24	
			Process Name/Title:		OFFLINE ASSEI	MBLY PROC	CESS			Validit	y Date:			n/a		
			Model code/Part number:	930B /	7N0204-7020C Custom	ner: TRJ	Car Model:	TOYOTA	4-4 RUNNER	Docur	ment No.:			WI-ENG-PDE-87	' 4	
			Purpose:	PROTOTYPE	☐ PRE-LAU	JNCH	MASSP	PRO		Revisi	ion No.:		1	Page No.:	1 of 9	
PARTS:			arts: Connector 6188-0066 4mm (No slit); Connector		-364±2mm; Black corrugated tu			Black corruç	gated tube ø5		JIG:	2. Ins	sertion cking ji	g		
N	0.	Р	ROCESS NAME		WORK PROCEDU	RE/ ILLUSTR	ATION				TOOLS/PPE		(QUALITY POINT	ERS	
	1 6	Offline	ne Table Lay-out	TABLE LAY-OUT Black corrugated tube ø7 L=45±3mm (No slit) Black corrugated tube ø5 L=266±4mm (No slit)							Be sure to wear rescribed persona tective equipme during operation ves, finger cots, e	al ent				
				Connector 6186 Connector		OR L=364±2mn	Connector 6189-1161 (B)/ Connector tray				Housekeeping . Maintain and always practice 5's. 2. Personal things on the workplace is prohibited. Keep it in your locker.		Document references: 1. Refer to WI-PRO-CNC-017 for Wire and Strip length tolerance. 1. No missing parts/tools 2. No excess parts/tools			
				Insertion jig A		AVSS	of Y L=364±2mm		the S Le	Alert level r any trouble, info Assembly Assist Supervisor or Line eader for immedia corrective action.	orm ant e ate		coo parto toolo			
				Insertion jig B Locking jig Revision History					OM12249674							
					· · · ,						Prepared by	Reviewed	<i>а ы</i> у	Approved by	Noted by	
											α					
11/18/24			rom Pre-launch to Masspro.							n/a	D. Castillo	South)	House	7		
04/16/24 Eff. Date		Initial issu	Je	Details of Cha	ange		D.Castillo C	C. Villanueva Reviewed		n/a oted		C. Villanu April 16, 202		./ A. Arañes	n/a	
LII. Date	IVEV. INO			Details Of Cita			IVENISER	reviewed	Approved NC	, icu	you Date.	April 10, 202				
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	_		WORK INSTRUCTION	Effectivity Date:	November 18, 2024
		Process Name/Title:	OFFLINE ASSEMBLY PROCESS	Validity Date:	n/a
		Model code/Part number:	930B / 7N0204-7020C Customer: TRJ Car Model: TOYOTA-4 RUNNER	Document No.:	WI-ENG-PDE-874
		Purpose:	□ PROTOTYPE □ PRE-LAUNCH ■ MASSPRO	Revision No.:	1 Page No.: 2 of 9
PARTS:	1. Con	nector 6188-0066 (GR)		JIG:	Insertion jig with switch cover
NO.	F	ROCESS NAME	WORK PROCEDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
2	Offline	Connector setting to insertion jig 6188-0066 (GR)	Insertion jig with switch cover Visual reference INSERTION JG ORIENTATION INSERTION JG ORIENTATION INSERTION JG ORIENTATION 2. Get the connector 6188-0066 (GR) using right hand and insert to insertion jig. Release the lock after insertion. 3. Push the lower wire guide upward using right hand. Slot for Yellow wire will be opened.	n/a	CONNECTOR ORIENTATION ILLUSTRATION I-mark is align 1 hole is open align 2 holes are open not align 1. Use the provided jig per model 2. No wrong orientation of connector 3. No wrong use of connector 4. No damaged connector Important reminders/Note/s: 1. Follow the connector orientation



				WORK INSTRUCTION	Effectivity Date:	November 18, 2024					
		Process Name/Title:		OFFLINE ASSEMB	CESS	Validity Date:		n/a			
		Model code/Part number:	930B /	7N0204-7020C Customer:	TRJ	Car Model: TOYOTA-4 RUNNER	Document No.:		WI-ENG-PDE-8	74	
		Purpose:	PROTOTYPE	PRE-LAUNCH	1	MASSPRO	Revision No.:	1	Page No.:	3 of 9	
PARTS:	1. AVS	Sf Y-OR L=364±2mm					JIG:	1. Insertion jig with switch cover			
NO.	F	ROCESS NAME		WORK PROCEDURE	ILLUSTR	RATION	TOOLS/PPE	QUALITY POINTERS			
3	Offline	Wire Insertion to connector 6188-0066 (GR)	1. Hold the insertion the Yellow wire the using right hand. 3. Get the Orange terminal slot 2 using the yellow the using the yellow the using the	wire then insert to	2. Press solot for O	the button using right thumb. The brange wire will be opened. The brange wire will be opened. The brange wire will be opened.	n/a	2. No wror 3. One by 4. No defo 5. No wror Importa 1. Please 2. Make : inserted Conduct insertion Do not e Docume 1. Refer Push pro 2. Refer	t Pull-Push-Pull-Pu n. ent extra force. ent references: to GL-PRO-ASY-0	ar terminal. operly ush after 29 for Pull- 17 for Wire	

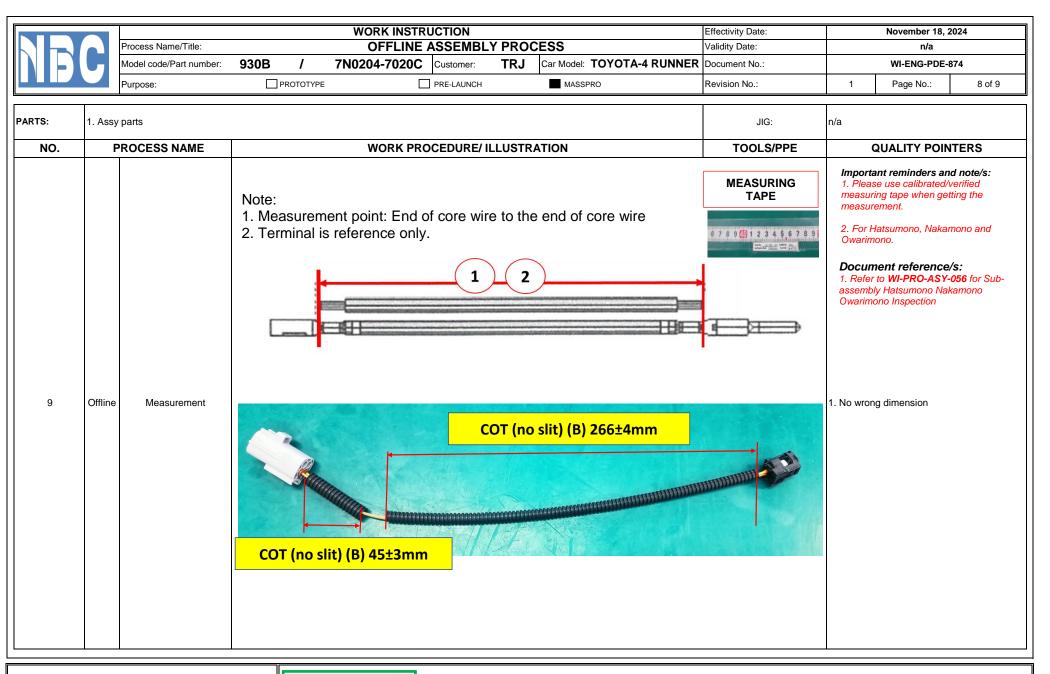
				WORK INSTRUCTION		Effectivity Date:	Ι	November 18, 2	024			
		Process Name/Title:		OFFLINE ASSEMBL	Y PROC		Validity Date:		n/a			
		Model code/Part number:	930B /	7N0204-7020C Customer:	TRJ	Car Model: TOYOTA-4 RUNNER	Document No.:		WI-ENG-PDE-8	74		
		Purpose:	PROTOTYPE	☐ PRE-LAUNCH		MASSPRO	Revision No.:	1	Page No.:	4 of 9		
PARTS:	1. Assy 2. Black	parts c corrugated tube ø7 L=45:	±3mm (No slit)	3. Black corr	ugated tub	e ø5 L=266±4mm (No slit)	JIG:	n/a				
NO.	F	ROCESS NAME		WORK PROCEDURE/ I	LLUSTRA	ATION	TOOLS/PPE	(QUALITY POIN	TERS		
4		Wire insertion to Black corrugated tube ø7 L=45±3mm (No slit)	L		R.	1. Get the Black corrugated tube ø7 L=45±3mm (No slit) using right hand and insert Yellow wire and Orange wire by using left hand.	n/a		ng use of parts rmed terminal			
5	Offline	Wire insertion to Black corrugated tube ø5 L=266±4mm (No slit)	L	Ø7 L= 45±3mm Ø5	L= 266±41		n/a		ng use of parts rmed terminal			



			WORK INSTR	Effectivity Date:	November 18, 2024				
		Process Name/Title:	OFFLINE	CESS	Validity Date:		n/a		
		Model code/Part number:	930B / 7N0204-7020C	Customer: TRJ	Car Model: TOYOTA-4 RUNNER	Document No.:		WI-ENG-PDE-8	74
		Purpose:	☐ PROTOTYPE [PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	5 of 9
PARTS:	1. Conr	nector 6189-1161 (B)				JIG:	1. Insertior	n jig	
NO.	F	PROCESS NAME	WORK PR	OCEDURE/ ILLUSTR	ATION	TOOLS/PPE	QUALITY POINTERS		
6	Offline	Connector setting to insertion jig 6189-1161 (B)	INSERTION JIG Visual Button Guide Press 1. Press the lock using left thumb.	Press 2. Get the connector 618 insert to insertion jig. Re	CONNECTOR ORIENTATION Release 89-1161 (B) using right hand and elease the lock after insertion.	n/a	I-mark aligned	GOOD is not	ole is open ole is open odel nnector r

				WORK INSTR				Effectivity Date:		November 18, 20)24
		Process Name/Title:		OFFLINE	ASSEMBL	Y PROC	ESS	Validity Date:		n/a	
		Model code/Part number:	930B /	7N0204-7020C Custom		TRJ	Car Model: TOYOTA-4 RUNNER	Document No.:		WI-ENG-PDE-87	74
		Purpose:	PROTOTYPE	Ε	PRE-LAUNCH		MASSPRO	Revision No.:	1	Page No.:	6 of 9
	$\overline{}$										
PARTS:	1. Assy	['] parts						JIG:	1. Insertion	jig	
NO.	F	PROCESS NAME		WORK PRO	CEDURE/	ILLUSTR/	ATION	TOOLS/PPE	(QUALITY POINT	ΓERS
7	Offline	Connector setting to insertion jig 6189-1161 (B)	Yellow wire then right hand.	1 Yellow wire tion jig using left hand. Grinsert to terminal slot 1 to the service of the servi	inal 4. Ai	2. Press th slot for Ora	Press R In push the lock using left thumb he wires and gently pull out the jig using right hand.	n/a	4. No defor 5. No wron Importa 1. Please 2. Make s inserted. Conduct insertion. Do not ex Docume 1. Refer to Push pro 2. Refer to	g insertion one insertion rmed terminal g wire facing nt reminders/N hold the wire nea cure wires are pro Pull-Push-Pull-Pu cert extra force. ent references: to GL-PRO-ASY-0	ar terminal. operly ush after 29 for Pull- 17 for Wire

				WORK INSTRUCTION	Effectivity Date:	November 18, 2024						
		Process Name/Title:		OFFLINE ASSEM		CESS	Validity Date:	n/a				
		Model code/Part number:	930B /	7N0204-7020C Custom		Car Model: TOYOTA-4 RUN	INER Document No.:		WI-ENG-PDE-8	74		
		Purpose:	PROTOTYPE	PRE-LAU	NCH	MASSPRO	Revision No.:	1	Page No.:	7 of 9		
PARTS:	1. Assy	parts			JIG:	1. Locking	1. Locking jig					
NO.	Р	ROCESS NAME		WORK PROCEDUI	RE/ ILLUSTF	RATION	TOOLS/PPE	QUALITY POINTERS				
8	Offline	Connector lock		Connector lo	ands and then roperly locked. Ck appearand If Lock addition		LOCKING JIG	1. MANU DAMAG	ck/half-locked con	o lock the		





						Effectivity Date:		November 18, 2024						
			Process Name/Title:	rocess Name/Title: OFFLINE ASSEMBLY PROCESS Validit								n/a		
			Model code/Part number:	930B	1	7N0204-7020C	Customer:	TRJ	Car Model: TOYOTA-4 RUNNER	Document No.:		WI-ENG-PDE-8	74	
L			Purpose:	PF	ROTOTYPE		PRE-LAUNCH		MASSPRO	Revision No.:	1	Page No.:	9 of 9	
PA	ARTS:	1 Ass	sy parts							JIG:	n/a			

QUALITY CHECKPOINT/ VISUAL INSPECTION

OFFLINE INSERTION

7N0204-7020C



1 No Unlocked /Half-locked Connector

4 No Deformed Terminal

2 3 No Wrong Insert

5 No Terminal Backing out

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