					NSTRUCTION					ctivity Date:		July 18, 2024		
			Process Name/Title:		ING ASSEMBLY PROC					dity Date:		n/a		
			Model code/Part number:	895B / 7N0092-7020	Customer: TRJ	Car Model:	TOYOTA	A-Corolla Cro	ss Doc	ument No.:		WI-ENG-PDE-5	00A	
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSP	PRO		Rev	ision No.:	7	Page No.:	1 of 11	
PARTS:		SV tube	(Vinyl) Ø5 L=240±3mm;Blac	.3 OR L=353±2mm; AVSSf 0.3 Y L=353±2 k SV tube (Vinyl) Ø5 L=257±3mm; Conne	ector 6098-3802(W); Black Corrugat	ted tube (No s			Black	JIG:	2.Terminal o 3.Lccking ji	9		
N	0.	F	PROCESS NAME	WORI	K PROCEDURE/ ILLUSTR	ATION				TOOLS/PPE		QUALITY POIN	ITERS	
				Connector 6098-2220 (W)	Connect 6098-380 (W)	or 02	Black COT tube Ø5 L=196±3mn	The state of the s	Safety Instruction Be sure to wear Be sure to	nal ent is, Docum	ent reference/s			
	1	P1	Table Lay-out	AVSSf 0.3 OR L=353±2mm Insertion jig A with switch cover Insertion jig B	7 AVSSf 0.3 Y L=353±2mm			lack SV tub (vinyl) Ø5 =240±3mm	F	Housekeepin Maintain and alw practice 5's. 2. Personal things the workplace is prohibited. Keep it your locker. Alert level or any trouble, infe e Assembly Assis	and Str	to WI-PRO-CNC ip Length Toleral sing parts/tools ess parts/tools		
					AVSSf 0.3 B L=555±3mm 98-3802		ocking jig 8-2220 (W	')	L	Supervisor or Lin eader for immedia corrective action	ate			
		1		Revision Histor	у	, ,		1 1		Prepared by	Reviewed by	Approved by	Noted by	
		A dditic	al Work propedure/Illustration	d notes on page 4.5 as sounterms f th	no quatomor alaim (Prakan la -l: -f	+ +				-				
7/18/24	7	connecto		d notes on page 4-5 as countermeasure for the hover to insertion jig. Inclusion of Car mode		D. Castillo	C. Villanueva	A.Arañes	n/a					
4/04/23	6		of Quality Checkpoints on page	0	M. Ariola	J. Loterte	C. Villanueva	A.Arañes			Alm			
3/30/23	5	manual I	om 3MP to 4MP; Change table la ocking to locking using Connecto taping process of Black SV tube		M.Catapang	J. Loterte	C. Villanueva	A.Arañes	Arañes D. Castilo C. Villanueva Asarañes n/a					
ff. Date	Rev. No			Details of Change		Revised	Reviewed	Approved	Noted_	Est. Date:	May 23, 2022			

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			WORK INS	STRUCTION		Effectivity Date:		July 18, 2024		
	AL	Process Name/Title:		NG ASSEMBLY PROC	ESS	Validity Date:		n/a		
		Model code/Part number:	895B / 7N0092-7020	Customer: TRJ	Car Model: TOYOTA- Corolla Cross	Document No.:		WI-ENG-PDE-50	0A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	7	Page No.:	2 of 11	
PARTS:	1. Conn	ector 6098-2220 (W)				JIG: 1. Insertion jig w/ Switch cover				
NO.	F	ROCESS NAME	WORK	PROCEDURE/ ILLUSTR	ATION	TOOLS/PPE	QUALITY POINTERS			
2	P1	Connector setting to insertion jig 6098-2220 (W)	Insertion Jig with Switch Cover OR-wire Y-wire Visual reference 1. Press the insertion jig lock using left hand.	I-IIIaik Eook	Connector Orientation Release R 20 (W) using right hand and the lock after insertion.		I-mark align I-mark is not align 1. No looss 2. No wron 3. One by 4. No defo	GOOD 1 ho	ole is open	

			WORK INST	RUCTION		Effectivity Date:		July 18, 2024		
		Process Name/Title:	TAPING	ASSEMBLY PROC	ESS	Validity Date:		n/a		
		Model code/Part number:	895B / 7N0092-7020	Customer: TRJ	Car Model: TOYOTA- Corolla Cross	Document No.:		WI-ENG-PDE-50	00A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	7	Page No.:	3 of 11	
PARTS:		Sf 0.3 Y L=353±2mm Sf 0.3 OR L=353±2mm				JIG:	1. Insertion	jig w/ Switch cover		
NO.	F	PROCESS NAME	WORK PR	ROCEDURE/ ILLUSTRA	ATION	TOOLS/PPE	QUALITY POINTERS			
3	P1	Wire Insertion to Connector 6098-2220 (W)	1. Hold the insertion jig using left hand. Get the Yellow wire and insert to connector using right hand. 1. To range wire and insert to connector using right hand. 2. Orange wire R. 3. Get the Orange wire and insert to connector using right hand.	4. After insertion and then hold the	putton using right thumb. slot irre will be open. Press push the lock using left thumb er wires and gently pull out the grusing right hand.		3. One by 4. No defo 5. No wron 1. Please 2. Make 3 inserted. Conduct insertion Do not e: Docum 1. Refer Push pro 2. Refer	ng insertion one insertion rmed terminal ng wire facing ant reminders/N e hold the wire necessive wires are pro- Pull-Push-Pull-Pi c xert extra force. ment reference to GL-PRO-ASY-C	es: 29 for Pull- 17 for Wire	

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		Process Name/Title:	TAPIN	NG ASSEMBLY PRO	CESS	Validity Date:		n/a				
		Model code/Part number:	895B / 7N0092-7020	Customer: TRJ	Car Model: TOYOTA- Corolla Cross	Document No.:		WI-ENG-PDE-50	00A			
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	7	Page No.:	4 of 11			
PARTS:	1. Assy	part				JIG:	n/a					
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUST	RATION	TOOLS/PPE	(QUALITY POIN	TERS			
4	P1	Connector Lock	GOOD HANDLE Sensor Sensor		ck of connector before ocked condition prior L 6098-2220 STEP 2 Make sure the	1. Please e lock/retain object prio half-lock or 2. Maintair connector 3. Connector 4. Make su process. 5. No wrong 6. No dam. 7. No unlock of the lig. 2. No resproceed 3. If encommedia leader. I	ensure that Conne er will not touch or r insertion into lock onnector. n 10mm proper hol or must be fully ins slot. ure no offset setting g setting of connect aged connector locked/ half-locked of the connector locked of the connector locked in t	ctor hit by any king jig to avoid ding of wire to serted to g before locking ctor. ck connector. e/s: ess will alarm cannot ity, STOP and ention of the				

	July 18, 2024									
		Process Name/Title:	TAPIN	IG ASSEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	895B / 7N0092-7020	Customer: TRJ	Car Model: TOY	OTA- Corolla Cross	Document No.:		WI-ENG-PDE-50	00A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO		Revision No.:	7	Page No.:	5 of 11
PARTS:	1. Assy	part					JIG:	n/a		
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUST	RATION		TOOLS/PPE	(QUALITY POIN	TERS
NO. 4	P1	Connector Lock (Continuation)	HOLD THE HANDLE R SLIDE STEP 1	P1 P1 Pull down and bring position after lockin time only. A. Remove the local left hand based of follow the direction of			dle of the connector right hand then gently ring back to original king. Note: Pull down one le locked connector using ed on the illustration,	1. Please lock/retain object prio half-lock c 2. Maintain connector 3. Connect connector 4. Make su process. 5.No wron 6. No dam 7. No unlo Importa 1. Incon the jig. 2. No re proceed 3. If encimmedia leader.	ensure that Conne er will not touch or insertion into lock onnector. In 10mm proper hole or must be fully insisted. In the proper setting greating of connector locked/ half-locked of the plete locking process.	ctor hit by any king jig to avoid ding of wire to serted to g before locking ctor. ck connector. e/s: ess will alarm cannot ity, STOP and ention of the
			1	1 R	w w	F				

			WORK INS	STRUCTION		Effectivity Date:		July 18, 2024		
		Process Name/Title:		NG ASSEMBLY PRO	CESS	Validity Date:		n/a		
		Model code/Part number:	895B / 7N0092-7020	Customer: TRJ	Car Model: TOYOTA- Corolla Cross	Document No.:		WI-ENG-PDE-50	0A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	7	Page No.:	6 of 11	
PARTS:	1. Assy 2. Black	part SV tube (vinyl) Ø5 L=257±3mm		3. Black SV tube (vinyl) 4. AVSSf 0.3 B L= 555±	Ø5 L=48±3mm :3mm [2pcs]	JIG:				
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUSTR	RATION	TOOLS/PPE	QUALITY POINTERS			
5	P1	Wire Insertion to black SV tube (Vinyl) Ø5 L=257±3mm	n/a 1. No wrong use of parts.							
6		Wire Insertion to black SV tube (Vinyl) Ø5 L=48±3mm	1. Combine the assy par 257±3mm and 2 Black welft hand and insert the well and the second sec	rts Y-OR wires with Black SV to wires then get the Black Vinyl wires using right hand.	R Tube (vinyl) Ø5 L= I tube Ø5 L= 48±3mm using	n/a	Docui	ng use of parts ment reference to WI-PRO-CNC-01 ngth Tolerance		

			WORK IN	STRUCTION		Effectivity Date: July 18, 2024				
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		Model code/Part number:	895B / 7N0092-7020	Customer: TRJ	Car Model: TOYOTA- Corolla Cross	Document No.:		WI-ENG-PDE-50	00A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	7	Page No.:	7 of 11	
PARTS:		ector 6098-3802 (W)				JIG:	1. Insertion			
NO.	F	PROCESS NAME	WORK	WORK PROCEDURE/ ILLUSTRATION				QUALITY POINTERS		
7	P1	Connector setting to insertion jig 6098-3802 (W)	Visual reference Press R 1. Press the Lock of insertion	insertion jig. Release the lock a		n/a	Good 609 1. Use the 2. No wrong 3. No wrong	GOOD Ark is not align NG CONNECTOR ILLUS NG	2 Holes are open All holes are open TRATION TRATION D98-5668 (W)	

			WORK INS	TRUCTION		Effectivity Date:	July 18, 2024		
		Process Name/Title:	TAPIN	G ASSEMBLY PRO	CESS	Validity Date:		n/a	
		Model code/Part number:	895B / 7N0092-7020	Customer: TRJ	Car Model: TOYOTA- Corolla Cross	Document No.:		WI-ENG-PDE-50)0A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	7	Page No.:	8 of 11
PARTS:	1. Assy	parts				JIG:	1. Insertion	Jig	
NO.	F	PROCESS NAME	WORK P	PROCEDURE/ ILLUSTI	RATION	TOOLS/PPE		QUALITY POIN	TERS
8	P1	Wire insertion to Connector 6098-3802 (W)	1. Hold the insertion jig using left hand one by one to connector using right hand. Yellow wire 3. Insert Yellow using right hand. Orange 5. Insert the Orange wire to connector right hand.	Black wire R I. Insert the 2 Black wires Int the wire right R G. After insertio	2. Press the lower wire guide using right thumb. Slot for Yellow wire will be open. 4. Press the button using right thumb. Slot for Orange wire wil be open. In, push the lock using left thumb and irres and gently pull-out the connector ight hand.	n/a	4. No defo 5. No wron Importa 1. Please terminal 2. Make inserted Conduct after ins Do not e	ng insertion one insertion rmed terminal ng wire facing ant reminders/l e hold the wire ne l sure wires are pol t Pull-Push-Pu	ear roperly ill-Push : : SY-029

			WORK IN	NSTRUCTION		Effectivity Date:	July 18, 2024		
		Process Name/Title:		ING ASSEMBLY PRO	CESS	Validity Date:		n/a	
		Model code/Part number:	895B / 7N0092-7020	Customer: TRJ	Car Model: TOYOTA- Corolla Cross	Document No.:		WI-ENG-PDE-5	00A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	7	Page No.:	9 of 11
PARTS:	1. Assy	parts				JIG: 1. Locking jig			
NO.	F	ROCESS NAME	WORK	RATION	TOOLS/PPE QUALITY POINT			TERS	
9	P1	Connector Lock	WORK PROCEDURE/ ILLUSTRATION 1. Load the connector into the jig holding both side of the connector, tip first. 2. Press the lower part of connector to fully insert into the locking jig.				Before pressing After pressing Residue to the state of		ng g
			connector using right hand while left hand holding the	4. Press the upper part of connector using right hand while left hand holding the middle.	5. Lift then press the connector in the middle using left and right hand. 6. Ensure that connector is in locked condition by slide touching the connector lock based on the sequence illustrated.		Importa 1. MANU. DAMAGE 1. Use the connector.	Int reminders/NAL LOCKING MAED CONNECTOR provided jig tool took/half-locked con	o lock the

			WORK INS	Effectivity Date:	ivity Date: July 18, 2024						
		Process Name/Title:	TAPIN	G ASSEMBL	Y PROCESS		Validity Date:		n/a		
		Model code/Part number:	895B / 7N0092-7020	Customer:	TRJ Car Model:	TOYOTA-Corolla Cross	Document No.:		WI-ENG-PDE-5	00A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASS	PRO	Revision No.:	7	Page No.:	10 of 11	
PARTS:	1. Assy 2. Black	parts SV tube (Vinyl) Ø5 L=240±3r	nm	3. Black Corr	rugated tube Ø5 L=196±	3mm (No Slit)	JIG:	n/a			
NO.	F	PROCESS NAME	WORK F	PROCEDURE/ I	ILLUSTRATION		TOOLS/PPE	QUALITY POINTERS			
10		Wire Insertion to Black SV tube (Vinyl) Ø5 L=240±3mm		R	1. Get the Black SV L=240±3mm using B-B wires using left	right hand then insert the	n/a		g use of parts med terminal		
11	P1	Wire Insertion to Black Corrugated tube Ø5 L=196±3mm (No Slit)	1. Get the terminal cover jig using righ hand then insert the B-B wires using hand.	left 3. Aftr	Slit) using right han using left hand. er insertion, remove the hal cover jig using right	R T Ø5 L=196±3mm (No d and insert B-B wires	TERMINAL COVER JIG	1. No wrong 2. No defor	g use of parts med terminal		

	<u> </u>	WORK IN	STRUCTION		Effectivity Date:		July 18, 2024	1
	Process Name/Title:		NG ASSEMBLY PRO	CESS	Validity Date:		n/a	<u>*</u>
	Model code/Part number:	895B / 7N0092-7020	Customer: TRJ	Car Model: TOYOTA- Corolla Cross	Document No.:		WI-ENG-PDE-5	00A
	Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	7	Page No.:	11 of 11
PARTS: 1. Assy	parts				JIG:	n/a		
•		VI	SUAL INSPECTION/ QU	ALITY CHECKPOINTS	•			
P1			7N00	092-7020				
			71101	7010				
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	(1)(3	No Unlock/Ha	тюскеа	(5) No Deform	m Terminal	5.5		
		Connector						
NO GOO)D							
) Al - 14/ 1		(6)No Termir	nal Backing C	Out 📮	# #	
	24	ig) No Wrong Ins	ert		3	L	NO GOO	OD