Table Lay-out Process Name Proc			_			WORK INS	TRUCTION					Eff	ectivity Date:		July 10, 20	124	
Decided activities of the properties 990B TA0143-7020B Decided TRJ Commonted No. Methodology Properties Pr				Process Name/Title:				Y PROC	ESS				•				
PARTS: 1. Connector 6189-0451 (W): MRSW CP TVSSI 0.3 Wires Q L=607-2mm; Black Corrugated tube 67, L= 248-2mm (no ait); Black Corrugated tube 67, L= 131-2mm (no ait); Black tape 1. Insertion jij with swinch cover 2, Locking ig 3, 2 mm/s and air cover 3, 3 mm/s and air			H	Model code/Part number:	990B				1	TOYO	TA PRI	JS Do	cument No.:		WI-ENG-PDE	-464A	
NO. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION TOOLS/PE Table Lay-out Table Lay-	шШ			Purpose:	PRO	ГОТУРЕ	PRE-LAUNCH		MASSI	PRO		Re	vision No.:	5	Page No.:	1 of 7	
TABLE LAY-OUT Black Corrugated tube 67. L= 248:2mm (no sit) 1 P1 Table Lay-out Black Corrugated tube 67. L= 248:2mm (no sit) 1 Naminari and always practice 58: 2 Reasonal things on practice 58: 2 Reasonal things on practice 58: 2 Reasonal things on provide equalment (gloves, longer cots, est, lo	PARTS:						B/W L=607±3mm;	; Black Co	rrugated tub	oe Ø7, L= 2	248±2mm (no	JIG:	2. Loc	king jig	cover	
P1 Table Lay-out P1 Table Lay-out	N	0.	F	ROCESS NAME		WORK P	ROCEDURE/ IL	LUSTRA	ATION				TOOLS/PPE		QUALITY PO	INTERS	
P1 Table Lay-out P1 Table Lay-out P1 Table Lay-out P1 P1 P1 P1 P1 P1 P1 P					Connector 6189-0451						8±2mm		Be sure to wear prescribed person protective equipme during operation (gloves, finger cot	al Doc 1. Ro Strip	Refer to WI-PRO-CNC-017 for Wire and Strip length Tolerance. Refer to WI-PRO-KIT-005 for Wire		
Alert level For any trouble, inform the Assembly Assistant Supervisor or Line Leader for immediate corrective action. Revision History Revision History Revision History Revision History Diffunction Revision History Revision Used by Revision by Approved by A Arañes N/A A Arañes A Arañes	1		P1	Table Lay-out	L= 13					RSWCP TV	07±3mm		Maintain and always practice 5's. Personal things on the workplace is prohibited. Keep it in				
Transfer Taping 2 Black COT (no slit) to wire near Taping 1 and PCB to P2 (WI-ENG-PDE-464B). Inclusion of Car model 12/12/22 4 Inclusion of Quality checkpoints. MAriola Apply some improvements in work procedure/Illustration on pg.3 procedure no.2 (measurement form end of COT up to edge of hotmelted wires 51±3mm then continue the taping process using both hands). Change of tolerance of 26mm+/-3mm to +3/-1 as immediate action for encountered NG dimension from end of tape to PCB in process no.3. Improve quality pointers. MAriola J.Loterte C.Villanuev a A. Arañes M.Ariola J.Loterte C.Villanuev a A. Arañes OC. C. C. C. C. Villanuev A. Arañes A. Arañes A. Arañes A. Arañes C. Villanuev A. Arañes A. Arañes A. Arañes A. Arañes A. Arañes						Locking Jig		BI		B/W L=607	±3mm	t	or any trouble, info ne Assembly Assisi Supervisor or Lin Leader for immedia	tant e ate			
12/12/22 4 Inclusion of Quality checkpoints. MAriola J.Loterte C.Villanuev a A. Arañes of hotmelted wires 51±3mm then continue the taping process using both hands). Change of tolerance of 26mm+/-3mm to +3/-1 as immediate action for encountered NG dimension from end of tape to PCB in process no.3. Improve quality pointers. MAriola J.Loterte C.Villanuev a A. Arañes and A. Arañe						Revision History							Prepared by	Reviewed b	y Approved by	Noted by	
12/12/22 4 Inclusion of Quality checkpoints. M.Ariola J.Loterte a A. Arañes Apply some improvements in work procedure/Illustration on pg.3 procedure no.2 (measurement form end of COT up to edge of hotmelted wires 51±3mm then continue the taping process using both hands). Change of tolerance of 26mm+/-3mm to +3/-1 as immediate action for encountered NG dimension from end of tape to PCB in process no.3. Improve quality pointers. Change table lay-out from ATO to SAKI process. M.Ariola J.Loterte C.Villanuev a A. Arañes (C.Villanuev a A. Ara	07/10/24	5								C.Villanuev a	A. Arañes	N/A					
08/13/22 3 of hotmelted wires 51±3mm then continue the taping process using both hands). Change of tolerance of 26mm+/-3mm to +3/- 1 as immediate action for encountered NG dimension from end of tape to PCB in process no.3. Improve quality pointers. Change table lay-out from ATO to SAKI process. M.Ariola J.Loterte C.Villanuev a A. Arañes D. Castillo C.Villanuev A. Arañes N/A	12/12/22	4	Inclusion	of Quality checkpoints.					M.Ariola	J.Loterte	C.Villanuev a	A. Arañe	S				
Eff. Date Rev. No Details of Change Revised Reviewed Approved Noted Est. Date: April 13, 2022			of hotme 1 as imm	Ited wires 51±3mm then continued action for encountered N	ie the taping proce IG dimension from	ss using both hands). Change o	of tolerance of 26mm+/	/-3mm to +3/-	M.Ariola	J.Loterte		A. Arañe	distin	C.Villanue	for A. Aranes	N/A	
	Eff. Date	Rev. No			Deta	ils of Change			Revised	Reviewed	Approved	Noted	Est. Date:	April 13, 2022			



	_			WORK INS	TRUCTION	V			Effectivity Date:			July 10, 2024	
	AL	Process Name/Title:	Validity Date:		n/a								
		Model code/Part number:	990B /	7N0143-7020B	Custom	er: TRJ	Car Model:	TOYOTA PRIUS	Document No.:			WI-ENG-PDE-46	64A
		Purpose:	☐ PROTO1	ГҮРЕ	☐ PRE-LAU	INCH	MASSPI	RO	Revision No.:		5	Page No.:	2 of 7
PARTS:	1. Assy 2. Blac	parts k Corrugated tube ø7 L=13	1±3mm (No slit)		3. Blac	k corrugated tu	be ø7 L=248±2	2mm	JIG:		1. Termina	al cover jig	
NO.	F	PROCESS NAME		WORK P	ROCEDUI	RE/ ILLUSTR	RATION		TOOLS	PPE	(QUALITY POIN	TERS
2	P1	Wire insertion to Black Corrugated tube Ø7 L=131±3mm and Black corrugated tube Ø7 L=248±2mm	1. Get the terr then insert to using right ha	minal cover jig using righ both terminals (G-B/W v nd.	R 4. A	using right using left I	rugated tube and then insert d.	be ø7 L=131±3mm sert the G-B/W wires	TERMINAL			ng usage of parts aged rubber seal	



			WORK INST	TRUCTION			Effectivity Date:		July 10, 2024	
		Process Name/Title:	TAPING	G ASSEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	990B / 7N0143-7020B	Customer: TRJ	Car Model:	TOYOTA PRIUS	Document No.:		WI-ENG-PDE-46	64A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPE	RO	Revision No.:	5	Page No.:	3 of 7
PARTS:	2. Blac	SW CP TVSSf 0.3 wires G- c Corrugated tube Ø7 L=13	31±3mm (no slit)	3. Black tape			JIG:	N/A		
NO.	F	ROCESS NAME	WORK P	ROCEDURE/ ILLUSTI	RATION		TOOLS/PPE	(QUALITY POIN	TERS
3	P1	Taping 1 Black COT to wire near PCB	1. Hold the assy parts using left hand, get Black tape then conduct pre-taping using both hands. 1. Hold the assy parts using left hand, get Black tape then conduct pre-taping using both hands. 1. The state of the second sec	of tape up to taping proces 2. Confirm mea COT to hotmelt taping process 1. Confirm mea COT to hotmelt taping process 2. Confirm mea COT to hotmelt taping process 2. Confirm mea COT to hotmelt taping process 3. Confirm mea COT to hotmelt taping process 4. Confirm mea COT to hotmelt taping process 5. Af	easurement of 2 end of COT the susing both hards using both hands 1 surement of 51 ed wire then cousing both hands 25±3mm	26 +3mm A 1 2 3 4 4 5 mm R ck the measurement		1. No flip-c 2. No peel 3. No loose 4. No miss 5. No wor	-off tape e tape	fied measuring



	_			WORK INSTRUCTION	N			Effectivity Date:	T	July 10, 2024	4
		Process Name/Title:		TAPING ASSE		OCESS		Validity Date:	+	n/a	
		Model code/Part number:	990B / 7N		ner: TRJ		TOYOTA PRIUS	Document No.:		WI-ENG-PDE-4	64A
		Purpose:	PROTOTYPE	PRE-LAU	JNCH	MASSPF	0	Revision No.:	5	Page No.:	4 of 7
PARTS:	1. Con	nector 6189-0451 (W)						JIG:	1. Insertior	n jig	
NO.		PROCESS NAME		WORK PROCEDU	RE/ ILLUS	TRATION		TOOLS/PPE	(QUALITY POIN	ITERS
4	P1	Connector setting to insertion jig 6189-0451 (W)	Visual reference Wire guid Press 2. Get the connector of	Release the lock after insertio	1. Press thumb.	the lock of insertion 3. Push the guing The slot for B/V opened.	Press on jig using left Hole R de using right hand.	N/A	2. No wror 3. No wror 4. No dam	GOOD Cis 11	entation on hole is open



			WORK INSTI	RUCTION		Effectivity Date:	T	July 10, 2024	
		Process Name/Title:		S ASSEMBLY PROC	CESS	Validity Date:	+	n/a	-
		Model code/Part number:	990B / 7N0143-7020B	Customer: TRJ	Car Model: TOYOTA PRIUS	Document No.:	WI-ENG-PDE-464A		
							-		
		Purpose:	☐ PROTOTYPE [PRE-LAUNCH	MASSPRO	Revision No.:	5	Page No.:	5 of 7
PARTS:	1. Conr	nector 6189-0451 (W)				JIG:	1. Insertior	n jig	
NO.	P	ROCESS NAME	WORK PR	ROCEDURE/ ILLUSTR	ATION	TOOLS/PPE	(QUALITY POIN	ΓERS
5	P1	Wire insertion to connector 6189-0451 (W)	1. Get the B/W wire then insert to terminal slot 1 using right hand. 3. Get the G wire then insert to terminal slot 2 using right hand.	4. After inser	Press R on of B/W wire press the button and. The slot for G wire will be open. rtion, push the lock using left thumb lid the wires and gently pull out the om jig using right hand.	N/A	4. No defo 5. No wron Importa 1. Please during ins 2. Insertioright. 3.Make su Conduct I insertion. Do not ex	ng insertion one insertion ormed terminal ng wire facing ant reminders/N e hold the wire nea- sertion. on of wire must be in ure wires are proper pull-Push-Pull- cert extra forcee. ent reference/s o GL-PRO-ASY-02	r terminal from left to erly inserted. Push after



				WORK INS	TRUCTION			Effectivity Date:		July 10, 2024	
		Process Name/Title:			G ASSEMBLY PRO	CESS		Validity Date:		n/a	-
		Model code/Part number:	990B	/ 7N0143-7020B			TOYOTA PRIUS	Document No.:		WI-ENG-PDE-46	<u></u>
		Purpose:	□ PROTO		PRE-LAUNCH	MASSPE		Revision No.:	5	Page No.:	6 of 7
		т игрозс.				IVI/ COL 1		Trovision res.		r ago rro	0 01 7
PARTS:	1. Assy	parts						JIG:	1. Locking	jig	
NO.	Р	ROCESS NAME		WORK F	PROCEDURE/ ILLUSTR	ATION		TOOLS/PPE	(QUALITY POIN	ΓERS
6	P1	Connector Lock	2. ba	Ensure that connector is sed on the sequence illustrated by the sequence illustrated b	1. Put the connector hand. Then press to	touching the co	both hands.	LOCKING JIG	1. MANU, DAMAGE 1. Must be 2. No doub	ent reminders/NAL LOCKING MAY FOR CONNECTOR.	<i>r CAUSE</i>

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		Dan a a a a Maran	Tide		WORK INS		V DDO	000		Effectivity Date:		July 10, 202	4
		Process Name		0000 /		G ASSEMBL			TOYOTA PRIUS	Validity Date:		n/a	
		Model code/Pa	art number:		7N0143-7020B					Document No.:		WI-ENG-PDE-4	
		Purpose:		PROTOTYPI		PRE-LAUNCH		MASSP	RO	Revision No.:	5	Page No.:	7 of 7
PARTS:	1. Assy	parts								JIG:	N/A		
					VIS	UAL INSPECT	TION/ QU	IALITY CHE	CKPOINTS				
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		(7 1	nnector		(2)	OT t	owire	ape near PCB	3 No Missi L=131m			
				miccion				O WIII C	iledi i eb	L-IJIIII	unu	2-2-1011	

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