_							STRUCTION					Effec	tivity Date:		July 26, 202	3	
			Process Name/Title:			TAPIN	G ASSEMBI						ity Date:		n/a		
			Model code/Part number	550B	1	7L0061-7023	Customer:	TRQSS	Car Model:	TOYOTA	-HIGHLAND	DER Docu	ment No.:		WI-ENG-PDE-0	17B	
			Purpose:	☐ PR	ROTOTYPI		PRE-LAUNCH	I	MASSE	PRO		Revis	sion No.:	7	Page No.:	1 of 9	
PARTS:		1. All pa	rts; Assy parts; Clamp 827	11-48210 (B)); Clamp	82711-52090 (W);							JIG:	1. Clamp A	ssembly jig		
N	0.	PR	OCESS NAME	WORK PROCEDURE/ ILLUSTRATION								TOOLS/PPE		QUALITY POINTERS			
1		P2	Table lay-out			Tape hol Black to		-OUT			82711-52090 Clamp tray	po dui	Be sure to wear prescribed personare to experience equipment of the prescription (gloof finger cots, etc.) Housekeeping Maintain and alw practice 5's. Personal things on orkplace is prohibitive in your lock on the prescription of the Assembly Assisted pervisor or Line Lestimmediate correct action.	al al ant ant ant ader	CLAMP ILLUSTRA		
07/26/23	7	Lindata ta	mplate; Inclusion of CAR MOD	NEL "TOYOTA	-HIGHI AN	Revision History							Prepared by	Reviewed by	Approved by	Noted by	
01/20/23	-		ruction improvement. Change				on and quality pointe	ers. Transfer all	M. Ariola	J. Loterte	C. Villanueva	A.Arañes					
03/02/23		process of (Page 10)	of P3 to P2. Change term Black	sunprene tube	e to Black	VM tube (Sunprenel). Inc	lusion of Quality che	eckpoints	D. Castillo	J. Loterte	C. Villanueva	A.Arañes	_0				
01/21/22	5	(Refer to WI-PRO-CNC-017 for Wire and Strip Length Tolerance). Additional quality pointers in Pull-push-pull-push process (Refer to GL-PRO-ASY-029 for Pull-Push procedure).							K. Doria		C. Villanueva	A.Arañes	M. Akiora	J. Loterte	C. Villanueva	A. Areanes	
Eff. Date	Rev. No				Details of (Change			Revised	Reviewed	Approved	Noted	Est. Date:	October 4, 2019			

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		<u> </u>										
PARTS:		p 82711-48210 (B) p 82711-52090 (W)	3. Black tape [4pcs.]							JIG	1. Clamp assembly jig	
NO.	Р	ROCESS NAME	WORK PROCEDURE/ ILLUSTRATION						TOOLS/PPE		QUALITY POINTERS	
2	P2	Clamp setting			1 2 82711-48210 (B) 1. Get 1pc of Clamp 82: location 1 and 2 using to location 3 and 4 using to location 3 and 4 using to location 1, 2, 3 and 4 using location 1, 3 and 4 using locatio	2711-52090 (W) use both hands.	ising right hand and	l set	n/a		1. No flip-out tape 2. No peel-of tape 3. No loose tape 4. No wrong use of ta 5. No missing tape 6. No wrong dimensic Important reminders, 1. Please check the cl of assembly to avoid clamp. STANDARD TAPING One side tape	/Note/s: amp before start wrong use of G FOR CLAMP under clamp

				WORK INS	TRUCTION		Effectivity Date:		July 26,	2023
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	1						-		1	
PARTS:	1. Assy 2. Black							JIG	n/a	
NO.	PROCESS NAME			WORK PF	ROCEDURE/	TOOLS/PPE		QUALITY POINTERS		
3	P2	Taping 2 Black Corrugated tube to Black VM tube (Sunprene)	No Gap between tubes	Start of tapi	R 2. Hold t left hand process to R	he COT and VM tube (Sunprene) using I, get the Black tape then start taping using both hands. 3. After taping, check the measurement and taping condition.	MEASURIN 6 7 8 9 1 1 2 3	G TAPE	1. No flip-out tape 2. No peel-off tape 3. No loose tape 4. No missing tape 5. No wrong use of ta 6. No wrong dimension Important reminder 1. Please use calibra measuring tape whe measurement. 2. Refer to WI-PRO-taping procedure.	on s/Note/s: nted/verified en getting the

				WORK INS	TRUCTION		Ef	ffectivity Date:		July 26, 2023	
		Process Name/Title:		TAPING	S ASSEMBL	Y PROCESS	Va	alidity Date:		n/a	
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PARTS:	1. Assy	parts							JIG	Clamp assembly jig	
NO.	PI	ROCESS NAME	WORK PROCEDURE/ ILLUSTRATION						PPE	QUALITY POINTERS	
4	P2	Clamp Assembly	white connector pull the checker Second, set the it contact terminal malfunction of c down the Toggle beep/buzz if sen COT with 6098-2	Hook Hook Hook Hook Sect setting of harness). First, set of 6098-3802 (W) to Checker 1 the fixture for continuity checking, terminal end together (with direct limits) within the stopper then personal composition of the continuity checking. It to terminal to avoid sensor clamp) within the stopper then personal check setting the continuity checking. It to terminal to avoid sensor clamp. Color sensor light will see clarm to color sensor light will see sor placed at the center part of the continuity checking.	SW Button COT 2 the nen ect press the hands	make 2 windings of tape using both the	Checker 2 Side B Hold the tape on chen make 2 winding oth hands. (Note: Do	COX MICCOLL Clamp location 2 gs of tape using		Important reminders/Note/s: 1. Make sure no gap between stopper and terminals 1. No flip-out tape 2. No peel-off tape 3. No loose tape 4. No missing tape 5. No wrong dimension 6. No wrong use of tape CLAMPILLUSTRATION SZ711-52090[W] RZ711-12A80[W] RZ711-12A80[W] RZ711-12A80[W]	

				WORK INST	RUCTION		Effectivity Date:		July 26, 20	023
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	1	<u> </u>							<u></u>	
PARTS:	1. Assy	parts						JIG	1. Clamp assembly jig	
NO.	Р	ROCESS NAME		WORK PR	OCEDURE/	TOOLS/PPE		QUALITY POINTERS		
4	P2	Clamp Assembly (Continuation)		Hook 4. Remove the the connector Checker 1 the for continuous correct setting. Side B Clamp location 1. Make 3 will switches with the connector correct setting. Connection 1. Make 3 will switches after taping.	indings of tape the	5. Check if all LED light for POWER ON, WIRES SENSOR and CLAMP ON was ON. If encounter STOP and immediately CALL the attention of the for further instruction and continue the process. 7. Hold the tape on clamp location 2. Make 3 then cut the tape. Press the SW button after the sequence light in clamp location 3 was ON.	ed abnormality, he leader. WAIT ss.		Important reminders/N 1. Make sure no gap be and terminals 1. No flip-out tape 2. No peel-off tape 3. No loose tape 4. No missing tape 5. No wrong dimensior 6. No wrong use of tape GLAMP ILLUSTRAT GOOD CLAMP ILLUSTRAT GOOD NG B2711-51290(W) CLAMP ILLUSTRAT GOOD NG B2711-11290	ne e

				WORK INS	TRUCTION		Effectivity Date:		July 26, 2023	
		Process Name/Title:		TAPING	ASSEMBLY P	ROCESS	Validity Date:		n/a	
		Model code/Part number:	550B / 7L	_0061-7023	Customer: TRO	QSS Car Model: TOYOTA-HIGHLAND	ER Document No.:		WI-ENG-PDE-01	7B
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PARTS:	1. Assy	parts						JIG	1. Clamp Assembly jig	
NO.	PI	ROCESS NAME		WORK PF	ROCEDURE/ ILLU	TOOLS/PP	PΕ	QUALITY POINTERS		
4	P2	Clamp Assembly (Continuation)	CONNECTOR SETTING 8. Hold the tape on clamp the tape. Press the SW but in clamp location 4 was ON	Hook Jocation 3. Make 3 wirton after taping. Contil.	inue if sequence light	82711-52090 (W) 4 CONNECTOR SETTING 9. Hold the tape on clamp location 4 then st Make 3 windings of tape then cut the tape. taping. GO sound will be heard.		ls.	Important reminders/Note 1. Make sure no gap betwee and terminals 1. No flip-out tape 2. No peel-off tape 3. No loose tape 4. No missing tape 5. No wrong dimension 6. No wrong use of tape	1-12A80 (W)

				\\	VORK INSTR	PLICTION				T _E	ffectivity Date:			luly 26	2022
		Process Name/Title:			TAPING A		V PPOC	E66			/alidity Date:			July 26, n/a	
		Model code/Part number:	550B	/ 7L006					TOYOTA-HIGHL		Document No.:			WI-ENG-PI	
						Customer:								 	
		Purpose:	PR	ОТОТҮРЕ		PRE-LAUNCH		MASSPI	PRO	F	Revision No.:		7	Page No.:	7 of 9
PARTS:		embled parts ter sample										JIG	n/a		
NO.	Р	ROCESS NAME			WORK PRO	CEDURE/	ILLUSTRA	TION			TOOLS/	/PPE	Q	UALITY P	OINTERS
5	P2	Visual/By two's Inspection	harness (N	Assembled parts a alignment of Master sample vs. d parts) using s.		2. Colocitap	Check the connects, wire insertion condition. Check the press of clamp attachm and the taping condition.	ence		condition. Co of clamp wit	presence of amp and taping onduct bending th 2 sides taping.		GOOD	CLAMP ILLUS CLAMP ILLUS CLAMP ILLUS CLAMP ILLUS CLAMP ILLUS	82711-12A80 (W)

				WORK INST	RUCTION			Effectivity Date:	July 26, 2023
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		1						1	
PARTS:	1. Assy	parts						JIG	n/a
NO.	Р	ROCESS NAME		WORK PR	TOOLS/PPE	QUALITY POINTERS			
6	P2	Measurement	109±5		161±5mm	mmin military	6 7 8 9 40 1 2	161±3mm ring tape 2 3 4 5 6 7 8 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Important reminders/Note/s: 1. Please use calibrated/verified measuring tape when getting the measurement. 2. For Hatsumono and Owarimono only. 1. No wrong dimension

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PARTS: n/a				JIG	n/a
NO. PROCESS NAME	E	WORK PROCEDURE/ ILLUSTRATION	ON	TOOLS/PPE	QUALITY POINTERS
P2		7L0061-	7023		
GOOD	GOOD	2	2		5
NO GOOD NO NO Unlock/Hall Connector	(2)	No Missing Clamp (3p and Conduct BENDIN 2 sides of wing clamp o Missing Inside Spot	G of S No	Bending on C Deformed To	