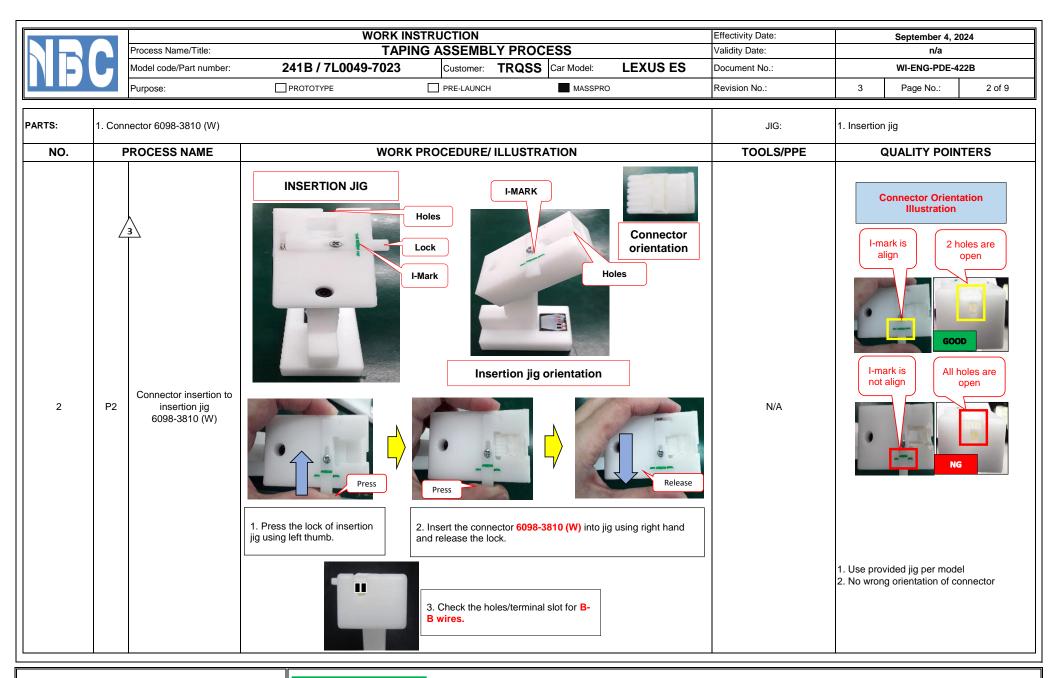
				STRUCTION					Effect	ivity Date:		September 4, 2	024
		Process Name/Title:	TAPIN	NG ASSEMB	LY PROC	ESS			Validi	y Date:		n/a	
		Model code/Part number:	241B / 7L0049-7023	Customer:	TRQSS	Car Model:	LE	(US ES	Docu	nent No.:		WI-ENG-PDE-4	22B
		Purpose:	PROTOTYPE	PRE-LAUNCH		MASSPR	RO		Revis	ion No.:	3	Page No.:	1 of 9
PARTS:		parts; Black Corrugated to	ube Ø5 L=49±3mm; Connector 6098-381	0 (W); AVSSf 0.3		,	oe			JIG:	1. Insertion 2. Locking 3. Locking	iig	ITEDS
NO.	·	RUCESS NAME	Z WORK	PROCEDURE/	ILLUSTRA	ATION				TOOLS/PPE		QUALITY POIN	IIEKS
			Black Corrugated tube (no slit) Ø5 L=49±3mm	TABLE LAY	OUT	609	Conne 98-3810 (ctor W)/ Tray	r	afety Instruction Be sure to wear equired personal otective equipmed during operation persons, finger contents, finger contents.	Docume 1. Refer	nt reference/s: to WI-PRO-CNC- o Length Toleran	
1	P2	Table Lay-out	Assy parts	Town Assets	Terminal cover jig		Sf 0.3 B 92mm		2.	Housekeeping Maintain and alway practice 5's. Personal things the workplace is ohibited. Keep it your locker.	on 1. No miss	sing parts/tools ess parts/tools	
			Insertion jig				a		the S Le	Alert level any trouble, info Assembly Assist Supervisor or Line ader for immedia corrective action.	tant e ate		
			Measuring jig	Locking jig	Black tap hold	pe/ Tape der	2103 2 3 2 5		3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				
I	T 1		Revision History			1		1		Prepared by	Reviewed by	Approved by	Noted by
09/04/24 3		process 2-5 from P1; transfer to d Table lay-out and Visual inspec	aping 4 and Y-taping 1 to P3; additional spot tapin ction/Quality checkpoints.	ng due to process imp	provement.	D. Castillo	C. /illanueva	A. Arañes	n/a	0			
10/17/23 2		emplate and inclusion of Car Mo					J. Loterte	C. Villanueva	A. Arañes	gentulo	Sout I Titlour	SHOW	
12/16/22 1		quality pointers: Reminders/notes	and references. Inclusion of Quality checkpoints				J. Loterte		A. Arañes	D. Castillo	C. Villanueva	A. Arañes	n/a
Eff. Date Rev. No			Details of Change			Revised I	Reviewed	Approved	Noted	Est. Date:	March 04, 2022		







			WORK INST	TRUCTION			Effectivity Date:	T	September 4, 20	124
	Pro	ocess Name/Title:	TAPING	G ASSEMBLY F	ROCESS		Validity Date:		n/a	
	Mod	odel code/Part number:	241B / 7L0049-7023	Customer: TR	QSS Car Model:	LEXUS ES	Document No.:		WI-ENG-PDE-42	2B
	Pur	rpose:	PROTOTYPE	PRE-LAUNCH	MASSPI	3 0	Revision No.:	3	Page No.:	3 of 9
PARTS:		0.3 B L=692±3mm ted tube ø5 L=49±3mm	(No slit)				JIG:	1. Insertior	n jig	
NO.	PRC	DCESS NAME	WORK P	ROCEDURE/ ILL	JSTRATION		TOOLS/PPE	(QUALITY POIN	TERS
3	<u>/3</u>	Wire insertion to Corrugated tube 5 L= 49±3mm (no slit)	L	left hand	e corrugated tube ø5 and get two (2) of B ng right hand.	i L=49±3mm using lack wires then	N/A	1. No wror	ng use of parts	
4	P2	Wire insertion to connector 6098-3810 (W)	1. Get the first Black wire and insert to terminal slot ① using right hand.	R 3. After inse and then ho	Te facing L Get the 2nd Blackerminal slot ② using using using right had	right hand. using left thumb tly pull out the	N/A	4. No defo 5. No wron Importa 1. Insert to right. 2. Please 3. Make inserted Conduct insertion Do not e	ng insertion one insertion rmed terminal ng wire facing ant reminders/l ion sequence state e hold the wire ne sure wires are pr t Pull-Push-Pull-P	rts from left var terminal. roperly dush after

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			WORK IN	STRUCTION				Effectivity Date:		September 4, 20	024
		Process Name/Title:		NG ASSEM		ESS		Validity Date:		n/a	
		Model code/Part number:	241B / 7L0049-7023	Customer	r: TRQSS	Car Model:	LEXUS ES	Document No.:		WI-ENG-PDE-42	22B
		Purpose:	PROTOTYPE	PRE-LAUN	СН	MASSPRO)	Revision No.:	3	Page No.:	4 of 9
PARTS:	1. Ass	/ parts						JIG:	1. Locking	Jig	
NO.	ı	PROCESS NAME	WORK	PROCEDUR	E/ ILLUSTR	ATION		TOOLS/PPE		QUALITY POIN	TERS
5	P2	Connector Lock	2. Ensure that connector is in lock connector lock based on the sequence. Before Pr	R haccording to the condition by the con	y slide touching	R	jig using right ands. Touch the erly locked.	Locking jig	CONN G Fu 1. Use the		DNDITION NG nLocked



			WORK INSTE	RUCTION			Effectivity Date:		September 4, 20)24
		Process Name/Title:	TAPING	ASSEMBLY PROC	ESS		Validity Date:		n/a	
		Model code/Part number:	241B / 7L0049-7023	Customer: TRQSS	Car Model:	LEXUS ES	Document No.:		WI-ENG-PDE-42	22B
		Purpose:	☐ PROTOTYPE [PRE-LAUNCH	MASSPRO		Revision No.:	3	Page No.:	5 of 9
PARTS:	1. Assy 2. Black						JIG:	n/a		
NO.	F	PROCESS NAME	WORK PR	OCEDURE/ ILLUSTRA	ATION		TOOLS/PPE	(QUALITY POIN	TERS
6	P2	Taping 2 COT to wire near Connector	Start taping R 1. Hold corrugated tube using left hand then get black tape and conduct pretaping using right hand. L 30±3mm 20±3mm	2. Measure the end edge of connector 3. Continue taping pro	30±3mm using bo	d tube up to the oth hands.		1. Pleameasumeasu Docum 1. Refe taping 1. No flip-c 2. No peel 3. No loose 4. No miss 5. No wron	-off tape e tape	l/verified etting the



	_		WORK IN	ISTRUCTION			Effectivity Date:	T	September 4, 20	124
		Process Name/Title:		NG ASSEMBLY PROC	ESS		Validity Date:		n/a	
		Model code/Part number:	241B / 7L0049-7023	Customer: TRQSS		LEXUS ES	Document No.:		WI-ENG-PDE-42	22B
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO		Revision No.:	3	Page No.:	6 of 9
PARTS:	1. Assy 2. Black	parts : Corrugated tube ø7 L-122±3	mm	3. Black Corrugated tube	ø7 L-312±3mm		JIG:	1. Terminal	cover jig	
NO.	ı	PROCESS NAME	WORK	PROCEDURE/ ILLUSTRA	ATION		TOOLS/PPE	(QUALITY POIN	TERS
7	P2	Wire insertion to COT ø7 L-122±3mm and COT ø7, L= 312±3mm (Assy part) (Combine)	1. Get the terminal cover jig using lef using right hand. Ø7, L= 122±3 R 2. Get the assy parts using left hand. Ø7, L= 312±3mm Ø7, L= 312±3mm 3. Remove		T (no slit) Ø7, L=	R	TERMINAL COVER JIG	1. No wror 2. No defo	ng insertion to corrumed terminal	ugated



				STRUCTION				Effectivity Date:		September 4, 20	124
		Process Name/Title:	TAPIN	IG ASSEMB	LY PROC	ESS		Validity Date:		n/a	
		Model code/Part number:	241B / 7L0049-7023	Customer:	TRQSS	Car Model:	LEXUS ES	Document No.:		WI-ENG-PDE-42	22B
		Purpose:	PROTOTYPE	PRE-LAUNC	Н	MASSPRO)	Revision No.:	3	Page No.:	7 of 9
PARTS:	1. Black 2. Assy p							JIG:	n/a		
NO.	Р	ROCESS NAME	WORK	PROCEDURE	/ ILLUSTR	ATION		TOOLS/PPE		QUALITY POIN	TERS
8		Wire insertion to VM tube (Sunprene) Ø5 L=106±3mm (Assy parts)	1. Hold the VM tube (Sunprene) Ø5 L= hand.	±106±3mm using	left hand and	R insert the 2 B	lack wires using right	N/A	1. No wror 2. No defo	ng insert rmed terminal	
9	P2 /3	Spot taping	L	R	Sunprene) the	en start taping ngs then cut th	left hand, get Black e of COT and VM tube using both hand. le tape.	N/A	1. No loose 2. No miss		
				R							



WORK INSTRUCTION TAPING ASSEMBLY PROB B / 7L0049-7023 Customer: TRQSS TOTYPE PRE-LAUNCH WORK PROCEDURE/ ILLUSTE 80±3mm	Car Model: LEXUS ES MASSPRO	Effectivity Date: Validity Date: Document No.: Revision No.: JIG: TOOLS/PPE		September 4, 20 n/a WI-ENG-PDE-42 Page No.:	2B 8 of 9
WORK PROCEDURE/ ILLUSTE 80±3mm 6 7 8 9 60 1 2 3 4 5 6 7 8 9 60	MASSPRO 1. Measure from end of VM tube (Sunprene) up to end of terminal pointed tip and edge of hotmelted wire 80±3mm using	Revision No.: JIG:	n/a	Page No.:	8 of 9
WORK PROCEDURE/ ILLUSTF 80±3mm	1. Measure from end of VM tube (Sunprene) up to end of terminal pointed tip and edge of hotmelted wire 80±3mm using	JIG:	n/a	<u> </u>	
80±3mm 6 7 8 9 50 1 2 3 4 5 6 7 8 9 50	1. Measure from end of VM tube (Sunprene) up to end of terminal pointed tip and edge of hotmelted wire 80±3mm using		(QUALITY POIN	rers .
80±3mm 6 7 8 9 50 1 2 3 4 5 6 7 8 9 50	1. Measure from end of VM tube (Sunprene) up to end of terminal pointed tip and edge of hotmelted wire 80±3mm using	TOOLS/PPE		QUALITY POIN	TERS
6 7 8 9 50 1 2 3 4 5 6 7 8 9 50	(Sunprene) up to end of terminal pointed tip and edge of hotmelted wire 80±3mm using				
2. Hold the VM tube (get the Black tape th hands.	3 4 5 6 7 8 9 R	TAPE	1. Pleameasumeasumeasumeasumeasumeasumeasumea	nent reference/s: r to WI-PRO-ASY procedure. but tape off tape e tape ing tape ig dimension	verified etting the
	2. Hold the VM tube (get the Black tape th hands. 20±3mm 60±3 20±3mm	2. Hold the VM tube (Sunprene) using left hand, get the Black tape then start taping using both hands. 20±3mm 60±3mm	2. Hold the VM tube (Sunprene) using left hand, get the Black tape then start taping using both hands. MEASURING TAPE 20±3mm 60±3mm	2. Hold the VM tube (Sunprene) using left hand, get the Black tape then start taping using both hands. MEASURING 1. No flip- 2. No peel 3. No loose 4. No miss 5. No wron 6. No wron 6. No wron	2. Hold the VM tube (Sunprene) using left hand, get the Black tape then start taping using both hands. December 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 4. No wrong use of tape 5. No wrong use of tape 6. No wrong use 6. No wrong



Process Name/Title: TAPING ASSEMBLY PROCESS Validity Date: Model code/Part number: 241B / 7L0049-7023 Customer: TRQSS Car Model: LEXUS ES Document No.: WI-ENG-PDE-422B			WORK IN	STRUCTION			Effectivity Date:		September 4, 20	24
Purpose: PROTOTYPE PRE-LAUNCH MASSPRO Revision No.: 3 Page No.: 9 of 1. Assy parts VISUAL INSPECTION/ QUALITY CHECKPOINTS P2 7L0049-7023 1 No Unlocked/ Half-locked 2 3 4 No Missing Tape/ Spot Tape		Process Name/Title:			CESS		Validity Date:			
Prupose: PROTOTYPE PRE-LAUNCH MASSPRO Revision No.: 3 Page No.: 9 of Inc. 1. Assy parts JIG: N/a VISUAL INSPECTION/ QUALITY CHECKPOINTS TLOO49-7023 The inc. Th		Model code/Part number:	241B / 7L0049-7023	Customer: TRQS	S Car Model:	LEXUS ES	Document No.:		WI-ENG-PDE-42	2B
7L0049-7023 Tolumber 1 No Unlocked/ Half-locked 2 3 4 No Missing Tape/ Spot Tape		Purpose:	PROTOTYPE	PRE-LAUNCH	☐ MASSPRO		Revision No.:	3	Page No.:	9 of
7L0049-7023 1 No Unlocked/ Half-locked 2 3 4 No Missing Tape/ Spot Tape	1. As	ssy parts					JIG:	n/a		
7L0049-7023 1 No Unlocked/ Half-locked 2 3 4 No Missing Tape/ Spot Tape		-	/3 VI	SUAL INSPECTION/ QI	JALITY CHECK	(POINTS				
1 No Unlocked/ Half-locked 2 3 4 No Missing Tape/ Spot Tape										
1 No Unlocked/ Half-locked 2 3 4 No Missing Tape/ Spot Tape	D2			7100	140	7022				
1 No Unlocked/ Half-locked 2 3 4 No Missing Tape/ Spot Tape	72			/LU	J49-	/UZ5				
1 No Unlocked/ Half-locked 2 3 4 No Missing Tape/ Spot Tape				18 - 62					\bigcap	
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1 No Unlocked/ Half-locked 2 3 4 No Missing Tape/ Spot Tape		-munt				W _D				
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1 No Unlocked/ Half-locked 2 3 4 No Missing Tape/ Spot Tape					+				NO GOOD	
				2 2 4 1 1 1	1:: T-	/ C T-				
connector	/ 1 \ =	NO Uniocked/ Ha	ait-iocked	2/\3/\4/\NO\\	nissing la	pe/ Spot la	pe			

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