				W	ORK INSTR					Ef	fectivity Date:		March 14, 2025		
			Process Name/Title:		TAPING A	ASSEMBLY PROC	ESS			Va	alidity Date:		n/a		
		7	Model code/Part number:	241B / 17J924	-7051	Customer: <b>TRP</b>	Car Model:	LEX	KUS-ES	Do	ocument No.:		WI-ENG-PDE-0	92E	
			Purpose:	PROTOTYPE		PRE-LAUNCH	■ MASSI	PRO		Re	evision No.:	17	Page No.:	1 of 11	
PARTS:		1. Assy į	parts								JIG:	1. Insertion	1. Insertion jig		
N	0.	Р	ROCESS NAME		WORK PRO	OCEDURE/ ILLUSTRA	TION				TOOLS/PPE	(	QUALITY POIN	ITERS	
		<u>/1:</u>		INSERTION JIG	CONNECTOR ORIE	connector before insertion.				Safety Instruction Be sure to wear required personal protective equipmeduring operation (gloves, finger cot etc.)	1. Use the 2. No wror 3. No wror 4. No dam	1. Use the provided jig per model 2. No wrong usage of parts 3. No wrong orientation of connector 4. No damaged connector  Important reminders/Note/s:			
1		P5	HIGH  Connector setting to insertion jig (Assy parts) 4F1640-000 (W)	4F1640-000 (W) (Assy parts with Black VM tube (Sunprene)) to holder using both hands.			2. Set the connector 4F1640-000 W) (Assy parts with Green VM rube (Sunprene) to insertion jig using right hand.  ER PRESSING  3. Press the guide lock using right index finger				Housekeeping  1. Maintain and alw practice 5's.  2. Personal things the workplace is prohibited. Keep it your locker.  Alert level For any trouble, infethe Assembly Assist Supervisor or Linus Leader for immedia corrective action.	and imm the leade and cont Do not at 2. Follow	1. If encountered abnormality, STOP and immediately CALL the attention of the leader. WAIT for further instruction and continue the process. Do not attempt to repair.  2. Follow the connector orientation    GOOD   NG   HALF-LOCKED   HALF-L		
				right hand for insertion.  Guide Lock									Т		
00/44/5=		la aboato :	of Overlie improvement		sion History		D.Castillo	I I stant	C. Villanueva		Prepared by	Checked by	Reviewed by	Approved by	
03/14/25	17			res (based on Mizen Boshi activity).				J. Loterte		A. Arañe					
07/02/24	16 15	Update te	emplate; Inclusion of CAR MOD	DEL "LEXUS-ES". Transfer process of Connector lock (Assy parts with Black VM							s				
03/02/23	14	,	ized Tube description: VM tube	e process of measurement from P5 (Sunprene); Change WIP flow qua			M. Ariola	J. Loterte	C. Villanueva	A. Arañe	es destulo	( Chr)	Josep Hours	SHOW	
Eff. Date	Rev. No	iiipoveiii	one.	Details of Change			Revised	Checked	Reviewed	Approv	D. Castillo Est. Date:	J. Lo <b>Y</b> erte June 02, 2017	C. Villanueva	✓ A. Ya.raĕleś	



				STRUCTION		Effectivity Date:	March 14, 2025
		Process Name/Title:	TAPIN	NG ASSEMBLY PRO	CESS	Validity Date:	n/a
		Model code/Part number:	241B / 17J924-7051	Customer: TRP	Car Model: LEXUS-ES	Document No.:	WI-ENG-PDE-092E
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	17 Page No.: 2 of 11
PARTS: 1. Assy parts						JIG:	1. Insertion jig
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUSTR	ATION	TOOLS/PPE	QUALITY POINTERS
1	<u>/1</u>	MEDIUM  Wire insertion to connector (Group 3 wires)  4F1640-000 (W)  (Assy parts)	1. Get the wire and hold it 5mr 2. Half insert the wire. 3. Release wire to check the co 4. Conduct point checking in vi 5. Hold again 5mm away from 6. Fully inserted wires (avoid by	SECOND ROW TO INSERT 176 180  FIRST ROW TO INSERT 179 185  Standard hold in standard hold i	N Wire	0	1. No wrong wire insertion 2. No terminal backing out 3. No deformed terminal 4. Make sure wires are properly inserted. 5. Must have slight MOVEMENT after insertion 6. No bend terminal/wires  Important reminders/Note/s: 1. Automatically dispose and replace the unit if once encountered Bend terminal, Difficulty of insertion, Half-locked connector. 2. If encountered abnormality, STOP and immediately CALL the attention of the leader. WAIT for further instruction and continue the process. Do not attempt to repair. 3. Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. Do not exert extra force. 4. Follow the insertion sequence based on the visual reference 5. Hold on wire during insertion must be 5mm away from terminal end.  Document references: 1. Refer to GL-PRO-ASY-029 for Pull-Push procedure.

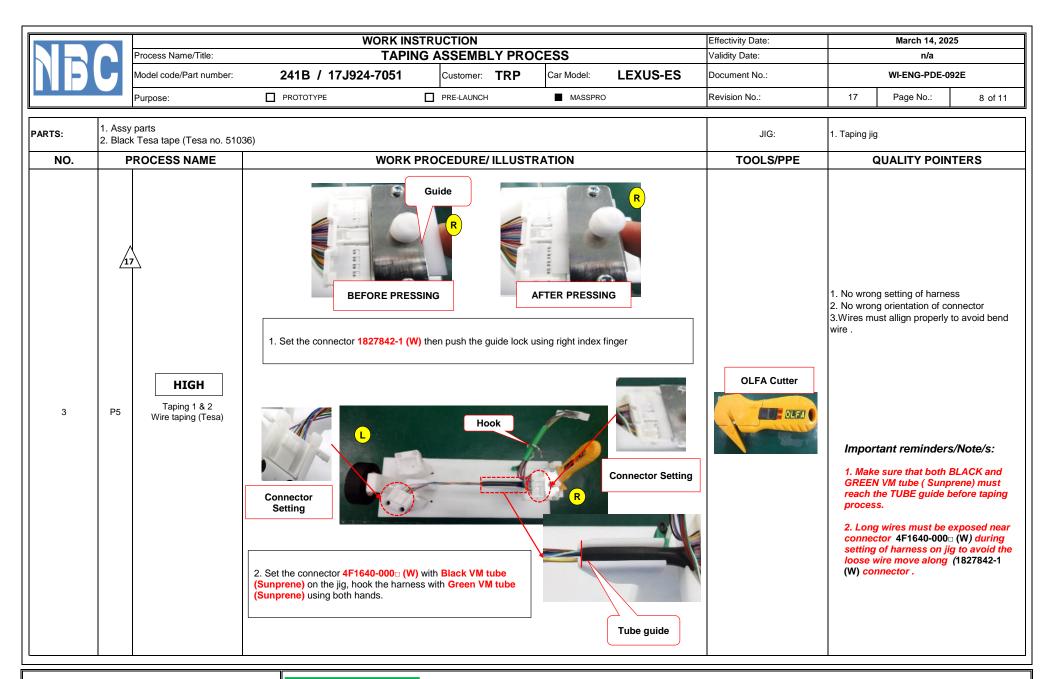
				STRUCTION		Effectivity Date:		March 14, 202	5
		Process Name/Title:	TAPII	NG ASSEMBLY PROC	CESS	Validity Date:		n/a	
		Model code/Part number:	241B / 17J924-7051	Customer: TRP	Car Model: <b>LEXUS-ES</b>	Document No.:		WI-ENG-PDE-09	2E
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	■ MASSPRO	Revision No.:	17	Page No.:	3 of 11
PARTS:	1. Assy	parts				JIG:	1. Insertion j	jig	
NO.	P	ROCESS NAME	WORK	PROCEDURE/ ILLUSTR	ATION	TOOLS/PPE	C	QUALITY POINT	ΓERS
1	<u>/1</u>	MEDIUM  Wire insertion to connector (Group 3 wires) 4F1640-000 (W) (Assy parts) (Continuation)	BEFORE PR	Press the lever using right thu	AFTER PRESSING  R  umb.  umb.  Ising right hand then gently pull rom jig. Check the insertion	Finger COTS	2. No termi 3. No defor 4. Make su 5. Must hav insertion	g wire insertion nal backing out med terminal re wires are proper ve slight MOVEME	NT after

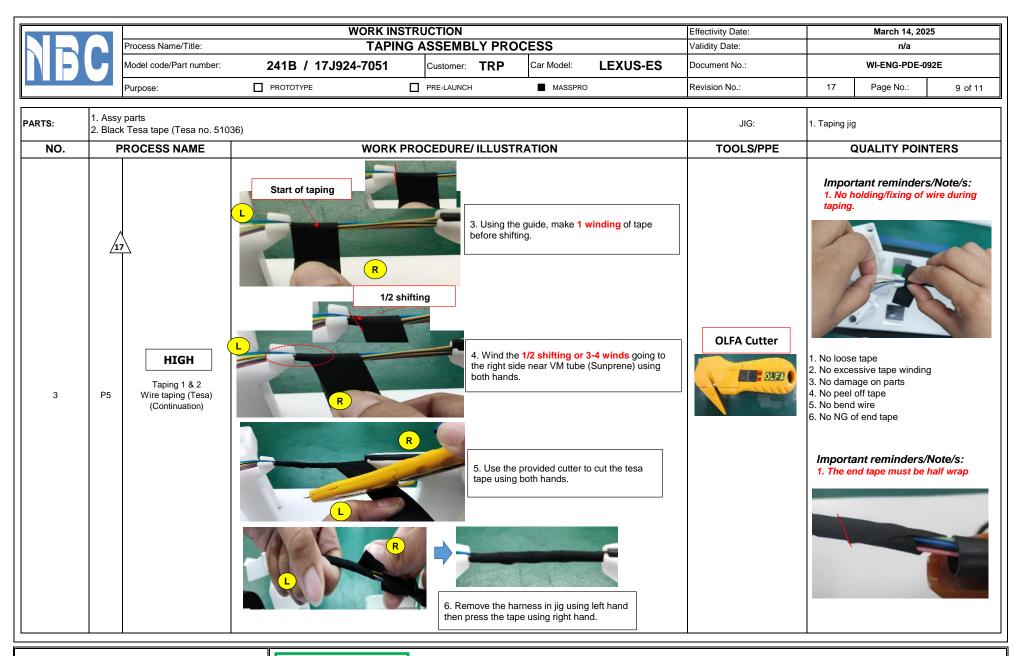
			WORK IN	Effectivity Date:	March 14, 2025					
		Process Name/Title:	TAPII	NG ASSEMBLY PRO	OCESS		Validity Date:	n/a WI-ENG-PDE-092E		
		Model code/Part number:	241B / 17J924-7051	Customer: TRP	Car Model:	LEXUS-ES	Document No.:			
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO	)	Revision No.:	17	Page No.:	4 of 11
PARTS:	1. Ass	/ parts		JIG:	1. Locking jig					
NO.		PROCESS NAME	WORK	PROCEDURE/ ILLUST	RATION		TOOLS/PPE	(	QUALITY POIN	TERS
1	P5	Connector Lock 1 (Assy parts with Black VM tube)	lock 2. P thur 3. T	Sequence of Pressing the Dou ① - ① Method: Press same timing to  Get the assy parts using left king jig using right hand. Press down the connector to mb (Same timing) Fouch the connector lock after the properties of the connector lock after the c	hand then put the plocking jig 2x using the locking (See beautier)	ng using left & right	LOCKING JIG	1. MANU DAMAGE	ant reminders, AL LOCKING MAY CONNECTOR  aged double lock. ocked connector	CAUSE

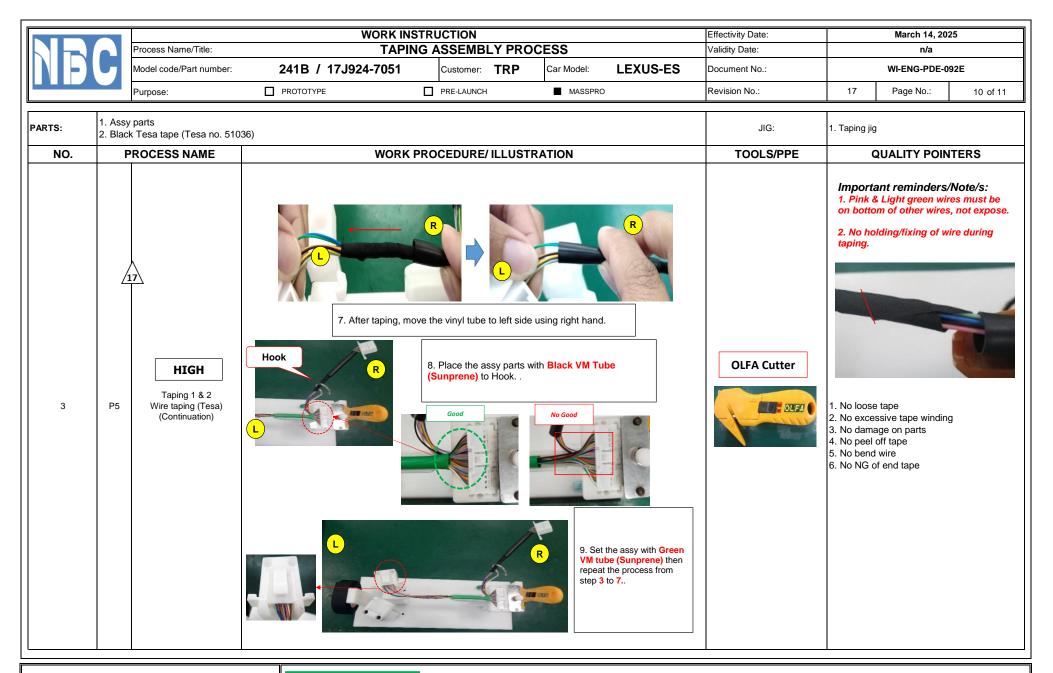
				Effectivity Date: March 14, 2025			5				
		Process Name/Title:		TAPING ASSE	MBLY PROC	ESS		Validity Date:		n/a	
		Model code/Part number:	241B / 17J9	<b>24-7051</b> Custom	er: TRP	Car Model:	LEXUS-ES	Document No.:		WI-ENG-PDE-09	2E
		Purpose:	PROTOTYPE	☐ PRE-LAU	INCH	■ MASSPR	0	Revision No.:	17	Page No.:	5 of 11
PARTS:	1. Assy	parts						JIG:	n/a		
NO.	F	ROCESS NAME	SS NAME WORK PROCEDURE/ ILLUSTRATION							UALITY POIN	ΓERS
1	<u>/</u> 1	Connector Lock 1 (Assy parts with Black VM tube) (Continuation)	LEFT SIDE OF CONNECTOR LOCK  RIGHT SIDE OF CONNECTOR LOCK	Checking point (T	After pre	co co the co TC lef	Ensure that nnector is in locked ndition by touching to LEFT SIDE of nnector lock from to BOTTOM using to thumb.  The touching he RIGHT SIDE of onnector lock from OP to BOTTOM sing left thumb.	n/a		ged double lock. ocked connector	

				NSTRUCTION	Effectivity Date:	March 14, 2025				
Process Nam		ame/Title:	TAP	PING ASSEMBLY PR	ROCESS		Validity Date:		n/a	
	Model code	e/Part number:	241B / 17J924-7051		LEXUS-ES	Document No.:	WI-ENG-PDE-092E			
	Purpose:		☐ PROTOTYPE	PRE-LAUNCH	MASSPRO		Revision No.:	17	Page No.:	6 of 11
PARTS:	1. Assy parts						JIG:	1. Locking ji	g	
NO.	PROCESS	SNAME	WOR	K PROCEDURE/ ILLUS	STRATION		TOOLS/PPE	C	QUALITY POIN	TERS
2	Conne P5 (Assy part	LOW ector Lock 2 s with Green VM tube)	L R lo 2. th 3.	Sequence of Pressing the Do ① - ① Method: Press same timing  Get the assy parts using lescking jig using right hand. Press down the connector numb (Same timing) Touch the connector lock at the cking of connector lock  ked condition by slide LEFT to RIGHT using	eft hand then put the control to locking jig 2x using after locking (See below)  Checking point	g using left & right	LOCKING JIG	1. MANU, DAMAGE	ant reminders/i AL LOCKING MAY D CONNECTOR aged double lock. ocked connector	

				WORK INSTRUCTION	ON			Effectivity Date:		March 14, 202	5
		Process Name/Title:		TAPING ASSE	MBLY PROC	ESS		Validity Date:		n/a	
		Model code/Part number:	241B / 17	<b>7J924-7051</b> Custo	mer: <b>TRP</b>	Car Model:	LEXUS-ES	Document No.:		WI-ENG-PDE-09	2E
		Purpose:	PROTOTYPE	☐ PRE-LA	AUNCH	■ MASSP	PRO	Revision No.:	17	Page No.:	7 of 11
PARTS:	1. Assy	parts						JIG:	n/a		
NO.	F	ROCESS NAME		WORK PROCEDI	JRE/ ILLUSTR	ATION		TOOLS/PPE	C	QUALITY POIN	ΓERS
2	<u>/</u> 1	Connector Lock 2 (Assy parts with Green VM tube) (Continuation)	LEFT SIDE OF CONNECTOR LOCK  RIGHT SIDE OF CONNECTOR LOCK		After pro		B. Ensure that connector is in locked condition by touching he LEFT SIDE of connector lock from FOP to BOTTOM using eft thumb.  4. Ensure that connector is in locked condition by touching the RIGHT SIDE of connector lock from TOP to BOTTOM using left thumb.	n/a	1. No dama 2. No half-և	aged double lock. ocked connector	







			WORK	INSTRUCTION			Effectivity Date:		March 14, 202	25
		Process Name/Title:	TA	PING ASSEMBLY PRO	DCESS		Validity Date:		n/a	
		Model code/Part number:	241B / 17J924-705	1 Customer: TRP	Car Model:	LEXUS-ES	Document No.:		WI-ENG-PDE-0	92E
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	MASSPRO		Revision No.:	17	Page No.:	11 of 11
PARTS:	1. Assy	parts			JIG:	1. WIP Holder				
NO.	F	PROCESS NAME	WOI	RK PROCEDURE/ ILLUS	RATION		TOOLS/PPE	QUALITY POINTERS		
4	Pass WIP to P6		3 PIECES FLOW  1. Pass WIP to WIP Holder. Note: Three pieces flow.				WIP HOLDER	1. No WIP overflow		