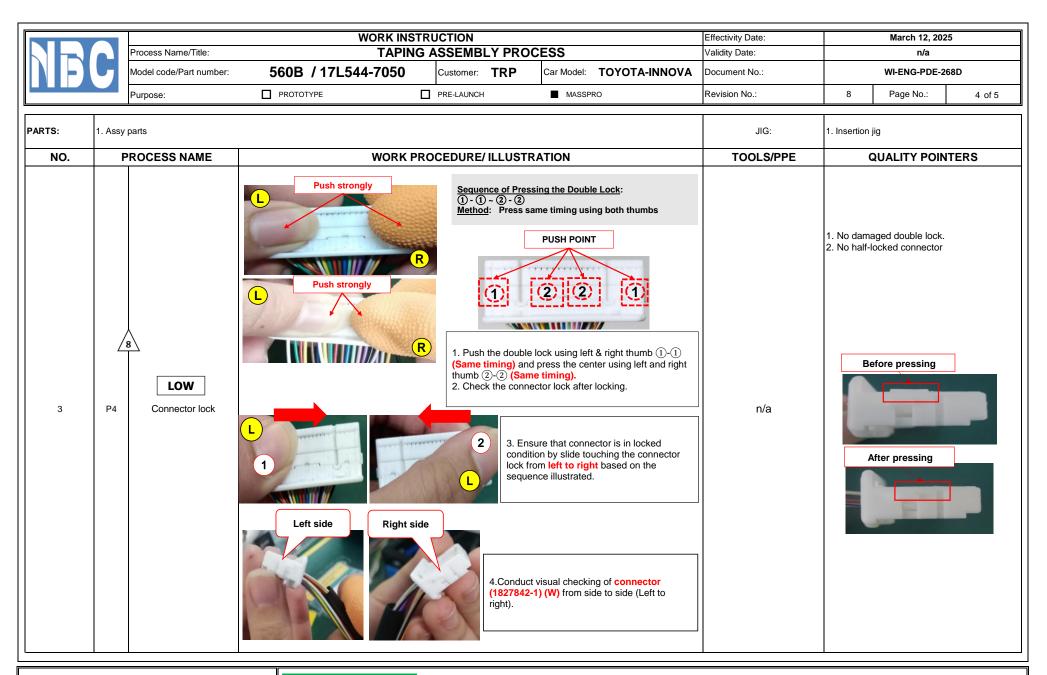
NB			WORK INSTRUCTION					Effectivity Date:		March 12, 2025			
			Process Name/Title: TAPING ASSEMBLY PROCESS					Validity Date:		n/a			
			Model code/Part number:	560B / 17L544-7050	Customer: TRP	Car Model:	TOYOT	A-INNOVA	Document No.:			WI-ENG-PDE-26	68D
			Purpose:	☐ PROTOTYPE	PRE-LAUNCH	■ MASSP	RO		Revision No.:		8	Page No.:	1 of 5
		2. Assy	Connector 4F1640-000□ (W) Assy parts				JIG: 1. Insertion jig						
N	0.	F	ROCESS NAME	WORK PROCEDURE/ ILLUSTRATION			TOOLS/PI	PΕ	QUALITY POINTERS				
		/1		refe	Sual CONNECTOR (	DRIENTATIO	N Hold on were during inse	ertion must be Sown	Safety Instru Be sure to w required pers protective equi during opera (gloves, finger etc.)	ear 12 onal 23 oment 34 cots, 5	. No wrong . No wrong . No dama . No half-lo	rovided jig per mod usage of parts orientation of conne ged connector cked connector nt reminders/N	ector
1		P4	HIGH  Connector setting to insertion lig	Holder Rate Grant Color	tor 4F1640-000 (W) using right nsertion jig.			Housekeeping 1. Maintain and always practice 5's. 2. Personal things on the workplace is prohibited. Keep it in		Automatically dispose and replace the unit if once encountered Bend terminal, Difficulty of insertion, Half-locked connector.     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.     Follow the connector orientation.			
				Guide Lock  R  BEFORE PRESSING  AFTER PRESSING						Connector must be no damaged/half-locked/locked			
				Press the guide lock using right thumb.	3. Hold the Gro then put the Gri holder using lef	oup 2 wires (1					UN	ILOCK	HALF-LOCKED
Revision History					1 1		C	Prepared by	Che	cked by	Reviewed by	Approved by	
03/12/25	8	8 Inclusion of Quality improvement measures (based on Mizen Boshi activity).					J. Loterte	Villanueva A. A	Arañes				
02/13/24		7 Update connector lock work procedure/illustration.					C. Villanueva	A. Arañes	n/a				
08/15/23	6	Update Template; Inclusion of <b>CAR MODEL "TOYOTA-INNOVA"</b> . Transfer process of Connector lock from P2 to P4 (Please refer to ENGDRR-146) due to TPS improvements; Additional procedure for Connector lock- "Conduct checking of Connector lock side by side (left to right)" (Refer to ENGDRR-142 for Document revision request).					J. Loterte	C. Villanueva A. A	Arañes Latur D. Castillo	o	overte	C. Villanueva	A. Arañes
Eff. Date Rev. No Details of Change Revised Checked Reviewed Approved Est. Date: May 14, 2021													

PARTS: 1. Assy parts    NO.   PROCESS NAME   WORK PROCEDURE/ ILLUSTRATION   TOOLS/PPE	March 12, 2025			
Parts:   1. Assy parts   JIG:   1. Inset	n/a			
PARTS: 1. Assy parts    NO.   PROCESS NAME   WORK PROCEDURE/ ILLUSTRATION   TOOLS/PPE	WI-ENG-PDE-268D			
NO. PROCESS NAME  WORK PROCEDURE/ ILLUSTRATION    VIRE INSERTION ILLUSTRATION	8 Page No.: 2 of 5			
VIRE INSERTION ILLUSTRATION	1. Insertion jig			
P   BR   Y   R   G   W   V   No   SECOND ROW TO INSERT   175   176   178   178   184   188   188   188   189   175   176   177   175   176   177   175   176   1	QUALITY POINTERS			
P4  Wire insertion to connector (Group 2 wires) 4F1640-0000 (W)  TERMINAL FACING  TERMINAL FACING  Finger COTS  TERMINAL FACING  1. A the the wire insertion to connector (Group 2 wires) 4F1640-0000 (W)  TERMINAL FACING  TERMINAL FACING  TO THE WIRE and hold it 5mm away from terminal.  2. Half insert the wire.  1. A the the wire insertion to connector (Group 2 wires)  4F1640-0000 (W)  TERMINAL FACING  TO THE WIRE AND T	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.			

WORK INSTRUCTION Effectivity Date:  Process Name/Title: TAPING ASSEMBLY PROCESS Validity Date:  Model code/Part number: 560B / 17L544-7050 Customer: TRP Car Model: TOYOTA-INNOVA Document No.:  Purpose: PROTOTYPE PRE-LAUNCH MASSPRO Revision No.:	n/a           WI-ENG-PDE-268D           8         Page No.:         3 of 5           1. Insertion jig		
	8 Page No.: 3 of 5		
Purpose: ☐ PROTOTYPE ☐ PRE-LAUNCH ■ MASSPRO Revision No.:			
	1. Insertion jig		
PARTS: 1. Assy parts JIG:			
NO. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION TOOLS/PPE	QUALITY POINTERS		
7. Release the Group 1 wires [12pcs.] (Assy parts) using left hand.	<ol> <li>No wrong wire insertion</li> <li>No terminal backing out</li> <li>No deformed terminal</li> <li>Make sure wires are properly inserted.</li> <li>Must have slight MOVEMENT after insertion</li> <li>No bend terminal/wires</li> </ol> Important reminders/Note/s:		
Wire insertion to connector (Group 2 wires) 4F1640-0000 (W) (Continuation)  P4  Wive insertion to connector R  R  L  R	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.		
BEFORE PRESSING  AFTER PRESSING  8. Press the unlock lever using right thumb.	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.		
9. Hold the wires using right hand then gently pull out the connector from jig. Check the insertion condition.	Document references:  1. Refer to GL-PRO-ASY-029 for Pull-Push		
R	Refer to GL-PRO-AST-029 for Pull-Push procedure.      Refer to WI-PRO-CNC-017 for Wire and Strip Length Tolerance		



			Effectivity Date:	March 12, 2025					
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	5	Model code/Part number:	560B / 17L544-7050 Customer: TRP Car Model: TOYOTA-INNOVA			Document No.:	WI-ENG-PDE-268D		
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	■ MASSPRO	Revision No.:	8	Page No.:	5 of 5
PARTS:	1. Assy parts					JIG:	1. WIP Holder		
NO.	P	ROCESS NAME	WORK P	TOOLS/PPE	QUALITY POINTERS				
4	P4	Pass WIP to P5	3 PIECES FLOV	1. F	Pass WIP to WIP Holder. te: Three pieces flow.	WIP HOLDER	1. No WIP	overflow	