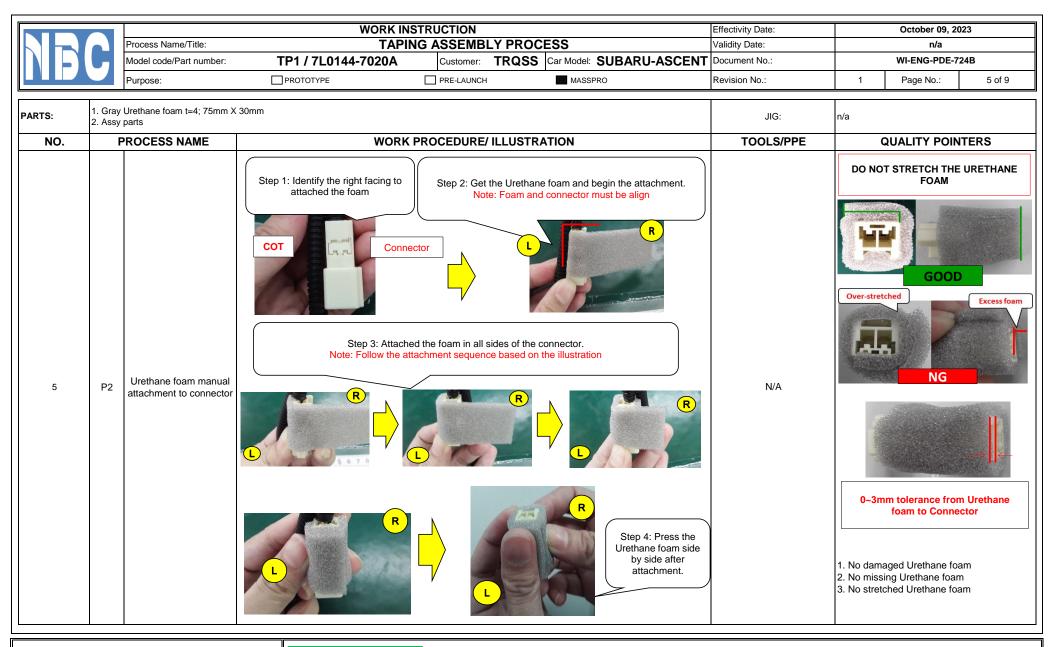
	WORK INSTRUCTION Effectivity Date: October 09, 2023										)23
			Process Name/Title:		ING ASSEMBLY PROC			Validity Date:		n/a	
			Model code/Part number:	TP1 / 7L0144-7020A	Customer: TRQSS	Car Model: SUB	ARU-ASCENT	Document No.:		WI-ENG-PDE-7	24B
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO		Revision No.:	1	Page No.:	1 of 9
PARTS:	RIS: 12 Black Corrugated tube at 1 =65±3mm			4. Black Tape 5. Gray Tpe					Continuity Checker jig     Terminal Cover jig		
N	0.	F	PROCESS NAME	△ WORK	( PROCEDURE/ ILLUSTRA	ATION		TOOLS/PPE	(	QUALITY POIN	TERS
1	1	P2	Table Lay-out	Corruga ø5 L=6  Assy Parts  Terminal Cover jig	S±3mm  Black tape w/ tape holder	Gray Urethal foam t=4; 75r X 30mm/ Foa holder  Gray tape w/ tholder	nm am	Safety Instruction Be sure to wear prescribed personal protective equipme during operation (gloves, finger cots etc.)  Housekeeping 1. Maintain and alwa practice 5's. 2. Personal things of the workplace is prohibited. Keep it if your locker.  Alert level For any trouble, inforthe Assembly Assistate Supervisor or Line Leader for immediate corrective action.	2. No wron	rmed terminal ng usage of parts	
				Revision History	· 	T		Prepared by	Reviewed by	Approved by	Noted by
		1									
10/09/23	1	process.		oro. Additional table lay-out; Update Quality checkp	points; Inclusion of Continuity checking	A.Hernandez J.Loterte	A. <i>i</i>	Arañes A.Hernandez	San	Nouth illow	SANTA
09/06/23 Eff. Date	0 Rev. No.	Initial rele	ease	Details of Change		A.Hernandez J.Loterte	A. /		J.Loterte	C. Villanueva	/ A (Arañed
20.0	IVEA' INO	I		Details of Change		Revised Reviewe	ed Approved N	oted Est. Date:	September 06, 2023	•	
				1							

	_		WORK I	NSTRUCTION		Effectivity Date:		October 09, 20	)23
		Process Name/Title:		ING ASSEMBLY	PROCESS	Validity Date:		n/a	
		Model code/Part number:	TP1 / 7L0144-7020A		RQSS Car Model: SUBARU-ASCENT	Document No.:		WI-ENG-PDE-72	24B
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	2 of 9
PARTS:	1. Assy 2. Black	Parts Corrugated tube (no slit) Ø5	L=65±3mm			JIG:	1. Terminal Cover jig		
NO.	F	PROCESS NAME WORK PROCEDURE/ ILLUSTRATION			TOOLS/PPE	(	QUALITY POIN	TERS	
2	P2	Wire insertion to Black Corrugated tube (no slit) Ø5 L=65±3mm	L	R	1. Hold the wires using left hand, get the terminal cover jig using right hand then insert the B and B wires using left hand.  2. Get the corrugated tube (no slit) Ø5 L=65±3mm using right hand then insert the B and B wires using left hand.  3. After insertion, remove the terminal cover jig using right hand.	TERMINAL COVER JIG	2. No defo	g use of parts rmed terminal  Document refere  WI-PRO-CNC-07 th tolerance.	

WORK INSTRUCTION Effectivity Date: October 09, 2023 Process Name/Title: TAPING ASSEMBLY PROCESS Validity Date: n/a										
		Process Name/Title:				Validity Date:		n/a		
		Model code/Part number:	TP1 / 7L0144-7020A	Customer: TRQSS	Car Model: SUBARU-ASCENT	Document No.:		WI-ENG-PDE-724	4B	
		Purpose:	□PROTOTYPE [	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	3 of 9	
PARTS:	1. Assy 2. Black					JIG:	n/a			
NO.	PROCESS NAME WORK PROCEDURE/ ILLUSTRATION			TOOLS/PPE	G	QUALITY POINT	ERS			
3	P2	Taping 2 Black corrugated tube to wire near terminal	Start of taping	2. Measure from end of pointed tip 60±3mm the process using both harmonic frame up to terminal process using process using the taping the taping process using the taping taping the taping taping the taping ta	60 ± 3mm  2 3 4 5  of COT up to terminal ten continue the taping nds.  ent of 32+3/-1mmfrom end pointed tip then continue	MEASURING TAPE 6 7 8 9 (1) 1 2 3 4 5 6 7 8 9 (	1. No flip-or 2. No peel- 3. No loose 4. No missi 5. No wrong Importa 1. Please	ut tape off tape off tape g use of tape g dimension  out tape off tape out tape g use of tape g dimension	rance -1 mm -2/s:	

			Effectivity Date:	October 09, 2023					
		Process Name/Title:	TAPING ASSEMBLY F	PROCESS	Validity Date:	n/a			
		Model code/Part number:	TP1 / 7L0144-7020A Customer: TR	QSS Car Model: SUBARU-ASCENT	Document No.:	WI-ENG-PDE-724B			
		Purpose:	PROTOTYPE PRE-LAUNCH	MASSPRO	Revision No.:	1 Page No.: 4 of 9			
		1				<u> </u>			
PARTS:	1. Assy 2. Gray	tape			JIG:	n/a			
NO.	F	PROCESS NAME	WORK PROCEDURE/ ILL	USTRATION	TOOLS/PPE	QUALITY POINTERS			
4	P2	Y-TAPING	No gap between Corrugated tubes  1. Fix the R  Note: Do not exert excessive force during pulling & winding of tape  taping direction  taping direction  Tape width  3. Wind the tape 1/3 shifting until it reach the other side of corrugated tube (must be tape width)  Tape width	2. Start taping at the middle of combined Corrugated tubes, then wind the tape to left side, measurement from end of connector up to end of tape must be 56mm.  taping direction  taping direction  4. Wind the tape backward 1/2 shifting.		GOOD FACING  Important reminders/Note/s:  1. Used Yellow tape for easy visualization of shifting lines, but actual should be GRAY TAPE.  2. Please use calibrated/verified measuring tape when getting the measurement.  1. No flip out tape 2. No tape peeling 3. No loose tape 4. No wrong use of tape 5. No gap between Corrugated tubes 6. No exposed wire			



			WORK IN		Effectivity Date:	October 09, 2023				
	_	Process Name/Title:			LY PROCESS		Validity Date:	n/a		
	M	Nodel code/Part number:	TP1 / 7L0144-7020A	Customer:	TRQSS Car Model:	SUBARU-ASCENT	Document No.:		WI-ENG-PDE-7	24B
	P	Purpose:	PROTOTYPE	PRE-LAUNCH	MASSI	PRO	Revision No.:	1	Page No.:	6 of 9
PARTS:							JIG:			
NO.	PR	ROCESS NAME		PROCEDURE/	/ ILLUSTRATION		TOOLS/PPE	QUALITY POINTERS		
6	P2	Continuity checking	CONNECTOR SWITCH BUTTON  1. Get the assy parts and set into test First set the connector 7282-7028 (W 1020 (W) to checker 1 then pull the c together with the stopper jig then pres  2. Press the SW button using right has continuity checking. GO sound wil be	/) to clip checker hecker fixture for a s by toggle clamp	ands. (See above picture then lock. Second, set the continuity checking. Last.	set the B-B wires	n/a	Impo	stopper.	

	Process Name/Title: Model code/Part number: Purpose:  Assembled parts Master sample		INSTRUCTION PING ASSEMBLY PRO Customer: TRQS  □ PRE-LAUNCH	OCESS S   Car Model: SUBARU-ASCEN	Effectivity Date:  Validity Date:		October 09, 202 n/a	
2.	Purpose:  . Assembled parts	TP1 / 7L0144-7020A	Customer: TRQS		Document No :			
2.	. Assembled parts				Document No		WI-ENG-PDE-72	IB
2.				MASSPRO	Revision No.:	1	Page No.:	7 of 9
2.						1	•	
NO					JIG:	n/a		
NO.	PROCESS NAME	WOR	K PROCEDURE/ ILLUST	RATION	TOOLS/PPE	C	QUALITY POINT	ERS
		1. Conduct alignment of harness (Master sample vs. Assembled	W. Santa	3. Check the taping condition of COT to wire near connector  6. Check the taping  7. Company to the taping to the taping condition of the taping to taping to taping to the taping to the taping to taping to taping to taping to taping to tapi		1. No skip o	CONNECTOR ILLUSTR  CONNECTOR ILLUSTR  CONNECTOR ILLUSTR  NG	ATION

		October 09, 2023							
		Process Name/Title:	TAPIN	NG ASSEMBLY PROC		Validity Date:		n/a	
		Model code/Part number:	TP1 / 7L0144-7020A	Customer: TRQSS	Car Model: SUBARU-ASCENT	Document No.:		WI-ENG-PDE-724	4B
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	8 of 9
PARTS:	n/a					JIG:	n/a		
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUSTR/	ATION	TOOLS/PPE	C	QUALITY POINT	ERS
8		Measurement	32+3/-1mm 201 ± 5mm	432 ± 5mm 56 ± 5mm			Impo 1. Pleas measui measui	g dimension ortant reminders/N se use calibrated/ ring tape when ge rement datsumono and O	verified etting the
	P2								

Process Name/Title:	WORK INSTRUCTION TAPING ASSEMBLY PRO	CESS	Effectivity Date: Validity Date:	October n/	•
Model code/Part number: TP1 / 7L01		Car Model: SUBARU-ASCENT		WI-ENG-F	
Purpose: PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1 Page No	: 9 of 9
PARTS: n/a			JIG:	n/a	
	A QUALITY CHE	ECKPOINTS	I	1	
P2	7L01	44-7020A			
GOOD NO GOOD 3 6	3	5	8	9	GOOD
Connector	al Backing Out	5 No Missing Spo 6 7 8 No Mis color o 9 No Deformed To	sing Tape/ No f tape	o wrong	NO GOOD