Posses Nameritia: TAPING ASSEMBLY PROCESS Validay Date: Validay						WORK INS	TRUCTION					Effectivity Date	:		August 30, 20	123
PARTS: 1, All parts (Assy parts Connector 7883-1138 (M) with inserted pointed with reserved pointed reserved and single pointed reserved projections required to the reserved pointed reserved projection required pointed with reserved pointed reserved projections required to the reserved pointed reserved projection required pointed reserved projection reserved projection required pointed reserved projection reserved projection required pointed reserved projection required pointed reserved projection required pointed reserved projection reserved projection required pointed reserved projection rese				Process Name/Title:			G ASSEMBLY								n/a	
PARTS: 1. All parts (Assy parts (Connector 7283-1138 (W) with inserted jointed wire (74.0143-2000A and Black corrugated tube 67, L=258±3mm (no stit); Blue stif; AVSS (1.3 B L=419±2mm; AVSS (1.3 Y L=349±2mm; AVSS (1.3 Y L=349±2mm; AVSS (1.3 B L=419±2mm; AVSS (1.3 B L=419±2				Model code/Part number:	TM3 /	7L0143-7020A	Customer: TF	RQSS	Car Model:	SUBAR	U-ASCENT	Document No.:			WI-ENG-PDE-7	12A
PARTS: slil); AVSST 0.3 B L=419±2mm; AVSST 0.3 Y L=349±2mm; Connector 7282-1028 (W); Black corrugated tube 95, L=35±3mm (no slit); Blue 3, Terminal cover is 4, Terminal cover is				Purpose:	PROTOTY	PE	PRE-LAUNCH	<u>'</u>	MASSP	PRO		Revision No.:		1	Page No.:	1 of 11
Table Lay-out Connector 7282-1022 (W) Connector Tray			slit); A\ tape	/SSf 0.3 B L=419±2mm; A\		2mm; Connector 7282	-1028 (W); Black corr	rugated tub	be Ø5, L=3					Pushing Termina	jig I cover jig	
Black Corrugated tube (Sc. 183535mm (no sit)) P1 Table lay-out P1 Table lay-out P1 Table lay-out P2 P2 P3 P3 P3 P3 P3 P3	N	0.	F	PROCESS NAME		WORK F	PROCEDURE/ ILL	.USTRAT	ΓΙΟΝ			TOOL	S/PPE	QUALITY POINTERS		
08/30/23 1 Change from Pre-launch to Masspro. Inclusion of table lay-out and quality pointers. Inclusion of Connector setting to insertion jig and Wire insertion to insertion jig 07/24/23 0 Initial issue. Treplated by Novemed by N		_	_	Table lay-out	Insertion jig	Corrugated tube = 35±3mm to slit)	Wire AVSSf 0.3 B L=419±2mm	L=349±21	of 0.3 Y	1028 (Connecto	W)/ or Tray Pushing jig	Be sure prescribe protective during of (gloves, f el	e to wear d personal equipment operation inger cots, ic.) keeping and always ce 5's. al things on c place is . Keep it in ocker. level uble, inform bly Assistant or or Line immediate	2. No wron Docur 1. Refer Offline 2. Refer Wire an	g usage of parts ment references to WI-ENG-PDE assembly proces to WI-PRO-CNC d strip length to CONNECTOR ILLUS NG T28 CONNECTOR ILLUSTR	erance TRATION 3-1138 (W)
08/30/23 1 Wire insertion to insertion jig M. Ariola J.Loterte Villanueva A. Arañes O7/24/23 0 Initial issue. M. Ariola J.Loterte Villanueva A. Arañes M. Ariola J.Loterte Villanueva A. Arañes M. Ariola J.Loterte C. Villanueva A. Arañes		1				Revision History		1				Prepar	ed by F	Reviewed by	Approved by	Noted by
08/30/23 1 Wire insertion to insertion jig M. Ariola J.Loterte Villanueva A. Arañes O7/24/23 0 Initial issue. M. Ariola J.Loterte Villanueva A. Arañes M. Ariola J.Loterte Villanueva A. Arañes M. Ariola J.Loterte C. Villanueva A. Arañes																_
07/24/23 0 Initial issue. C. M. Ariola J.Loterte Villanueva A. Arañes M. Ariola J.Loterte C. Villanueva A. Arañes	08/30/23	1	Change f Wire inse	rom Pre-launch to Masspro. Inclus	ion of table lay-out and	quality pointers. Inclusion of 0	Connector setting to insertion	on jig and	M. Ariola	J.Loterte	Villanueva A. A	ırañes	Anely (New		AMP
Eff. Date Rev. No Details of Change Revised Reviewed Approved Noted Est. Date: July 24, 2023		_	Initial iss	ue.					M. Ariola	J.Loterte			<u> </u>	J. Liverte	C. Villamueva	A. Arañes
	Eff. Date	Rev. No			Details of	Change			Revised	Reviewed	Approved No	oted Est. Date:	July 2	24, 2023		
					ıı .											

WORK INSTRUCTION Effectivity Date: August 30, 2023											
		Process Name/Title:		PING ASSEMBLY PROCESS	Validity Date:		n/a				
		Model code/Part number:	TM3 / 7L0143-702	OA Customer: TRQSS Car Model: SUBARU-ASC	ENT Document No.:		WI-ENG-PDE-71	2A			
		Purpose:	PROTOTYPE	☐ PRE-LAUNCH ■ MASSPRO	Revision No.:	1	Page No.:	2 of 11			
PARTS:	1. Assy	parts			JIG:	1. Insertion jig with switch cover					
NO.	F	PROCESS NAME	WOR	K PROCEDURE/ ILLUSTRATION	TOOLS/PPE		QUALITY POINTERS				
	P1	Connector Setting to insertion jig 7283-1138 (W) (Assy parts)	Visual reference Press 2. Press the lock of insertion jig using left thumb.	Insertion jig orientation Connector Orientatio Connector Orientatio Connector lock R 1. Push the lower wire guide using right hand. Release 3. Insert the connector 7283-1138 (W) into jig using right hand and release the lock. Note: Follow the connector orientation. 4. Check the hole/terminal slot for Yellow wire.	n/a	I-mark is I-mark is align GOOD 7283-1 1. Use prov 2. No wron 3. No wron	GOOD NOT 1 hole CONNECTOR ILLUS NG	were only open ole were open otration stration stration			

	WORK INSTRUCTION Effectivity Date: August 30, 2023											
		Process Name/Title:		TAPIN	G ASSEMBL				Validity Date:		n/a	
		Model code/Part number:	TM3 /	7L0143-7020A	Customer:	TRQSS	Car Model:	SUBARU-ASCENT	Document No.:		WI-ENG-PDE-7	12A
		Purpose:	PROTOTYP	E	PRE-LAUNCH		MASSF	PRO	Revision No.:	1	Page No.:	3 of 11
PARTS:		Sf 0.3 B L=419±2mm Sf 0.3 Y L=349±2mm							JIG:	1. Insertion	i jig with switch co	ver
NO.	F	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION						TOOLS/PPE	QUALITY POINTERS		
3	P1	Wire insertion to connector 7283-1138(W) (Assy parts)	1. Get the Yell then insert to te hand.	Dw wire using right harminal slot 1 using right harminal s	ht	2. Press the for Black of Black of Residual Resi	wire will be	ing right hand, the slot opened.	n/a	1. Pleas during 2. Make inserted Push at Do not 1. Refe. Pull-Pull 1. No loose 2. No wron 3. One by 4. No defol		near terminal properly Push-Pull-

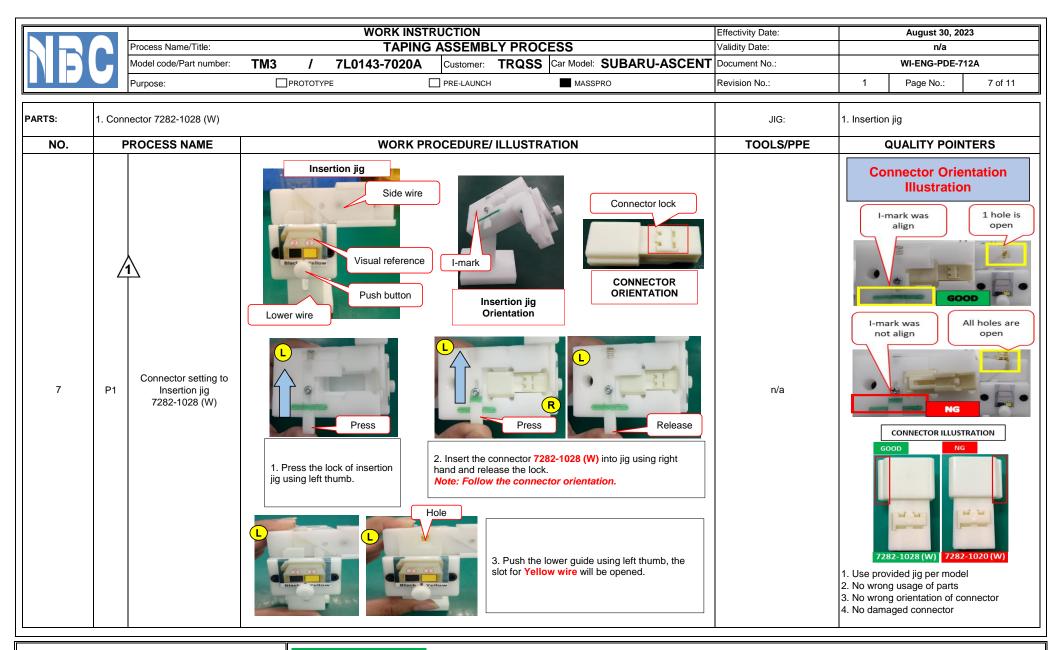


				WORK INST	RUCTION		Effectivity Date:		August 30, 202	23
		Process Name/Title:		TAPING	ASSEMBLY PRO	OCESS	Validity Date:		n/a	
		Model code/Part number:	TM3 /	7L0143-7020A	Customer: TRQS	S Car Model: SUBARU-ASCENT	Document No.:		WI-ENG-PDE-71	2A
		Purpose:	PROTOTYPE]	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	4 of 11
PARTS:	1. Ass	/ parts					JIG:	Termina Insertion	I cover jig i jig with switch cov	/er
NO.	I	PROCESS NAME		1 WORK PR	OCEDURE/ ILLUST	TOOLS/PPE	QUALITY POINTERS			
4	P1	Wire insertion to corrugated tube Ø7, L=258±3mm (no slit) (Assy parts)	L 2. Hold the corruga using left hand.	ated tube (no slit) Ø5 La	3. After insertion	1. Hold the wires using left hand, get the terminal cover jig using right hand then insert the B wire using left hand. R R A part of the B and Y wires A press the lock using left thumb then and gently pull out the connector from nd.	TERMINAL COVER JIG		rmed terminal g usage of parts	

				WORK INST	Effectivity Date:	August 30, 2023				
		Process Name/Title:		TAPING	ASSEMBLY PROC	ESS	Validity Date:		n/a	
		Model code/Part number:	TM3 /	7L0143-7020A	Customer: TRQSS	Car Model: SUBARU-ASCENT	Document No.:		WI-ENG-PDE-71	2A
		Purpose:	PROTOTYPE		PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	5 of 11
PARTS:	1. Assy	parts					JIG:	1. Pushing j	iig	
NO.	ı	PROCESS NAME		WORK PR	OCEDURE/ ILLUSTRA	ATION	TOOLS/PPE	(QUALITY POIN	TERS
5	P1	Connector lock	LOCKING SEQUE	1. Ho the p base	pushing jig using right handled on above illustration. Pur first and then push the upp AFTER PR		PUSHING JIG	1. No unloo 2. No dama	cked/half-locked coage connector OCK CONDIT	AY CAUSE R LOCK per model to

				WORK INST				Effectivity Date:		August 30, 2023	3		
		Process Name/Title:		TAPING	ASSEMBL'			Validity Date:		n/a			
		Model code/Part number:	TM3 /	7L0143-7020A	Customer:	TRQSS	Car Model: SUBARU-ASCENT	Document No.:		WI-ENG-PDE-712	2A		
		Purpose:	PROTOTYPI	=	PRE-LAUNCH		MASSPRO	Revision No.:	1 Page No.: 6 of 1				
PARTS:	1. Black	Corrugated tube (no slit) Ø5	L=35±3mm					JIG:	n/a				
NO.	F	ROCESS NAME		TOOLS/PPE	QUALITY POINTERS								
6	P1	Wire insertion to Black Corrugated tube (no slit) Ø5 L=35±3mm	1. th	Get the corrugated tule Y and B jointed wire	be Ø5 L=35±3mn using left hand.	n using right	R R			med terminal g usage of parts			





				WORK INST	RUCTION		Effectivity Date:		August 30, 20	23	
		Process Name/Title:				LY PROCESS	Validity Date:		n/a		
		Model code/Part number:	TM3 /	7L0143-7020A	Customer:	TRQSS Car Model: SUBARU-ASCENT			WI-ENG-PDE-7	12A	
		Purpose:	□ PROTOTYPE		PRE-LAUNCH		Revision No.:	1	Page No.:	8 of 11	
	1								-		
PARTS:	1. Ass	parts					JIG:	1. Insertion jig			
NO.	l	PROCESS NAME		WORK PF	ROCEDURE	TOOLS/PPE	QUALITY POINTERS				
8	P1	Wire insertion to connector 7282-1028 (W)	hand then inse using right han 3. Get Black wi	1 Yello Pellow wire using right rt to terminal slot 1 d.	R Black	WIRE FACING 2. Press the button using right hand, the slot for Black wire will be opened. R R R After insertion, press the lock using left numb then hold the wires and gently pull out he connector from jig using right hand.	n/a	Importa 1. Manudamage 2. Pleas during Doc 1. Reference Push pol 1. No loose 2. No wrong 3. One by 0 4. No defor	ant reminders/No ual locking may of ed connector loc se hold the wire insertion. cument reference r to GL-PRO-ASY rocedure.	nte/s: eause k. near terminal	

				WORK INSTRUC			Effectivity Date:		August 30, 202	3
		Process Name/Title:			SSEMBLY PROCE		Validity Date:		n/a	
		Model code/Part number:	TM3 / 7L0	0143-7020A	Customer: TRQSS	Car Model: SUBARU-ASCENT	Document No.:		WI-ENG-PDE-71	2A
		Purpose:	PROTOTYPE	□ P	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	9 of 11
PARTS:	1. Assy	parts					JIG:	1. Pushing jig		
NO.	P	ROCESS NAME		WORK PROC	EDURE/ ILLUSTRA	TOOLS/PPE	QUALITY POINTERS			
9	P1	Connector lock	and start the sequential Push the lower part of the	R R L Sing left hand and plat I locking based on the	ace on the table. Get the e above illustration. It and then push the upper 2. Ensicondition is conditionally according to the conditional	pushing jig using right hand or part. ure that connector is in locked on by touching the connector lock on the sequence illustrated.	PUSHING JIG	Import 1. Mar damag 2. Use avoid 3. Pos lockin Li Gl	ant reminders/No qual locking may ged connector loc provided jig tool damaged lock. ition of pushing j g must be slanted	ote/s: cause ck. per model to ig during d.

WORK INSTRUCTION Effectivity Date: August 30, 2023												
		Process Name/Title:		TAPING	G ASSEMBLY PR	CESS		Validity Date:		n/a		
		Model code/Part number:	TM3 /	7L0143-7020A	Customer: TRQS	S Car Model:	SUBARU-ASCENT	Document No.:		WI-ENG-PDE-71	2A	
		Purpose:	PROTOTYP	E	PRE-LAUNCH	MASS	PRO	Revision No.:	1	Page No.:	10 of 11	
PARTS:	1. Assy 2. Blue							JIG:	n/a			
NO.	F	ROCESS NAME		WORK P	ROCEDURE/ ILLUS	RATION		TOOLS/PPE	(QUALITY POINT	ERS	
10		Spot taping	to terminal tip 100	ng left hand, measure to D±3mm.	Start of taping The wire up L The wire up	3. Aftr	er taping, check the urement and taping	MEASURING TAPE 6 7 8 9 1 1 2 3 4 5 6 7 8 9 6	1. No flip-or 2. No peel-3. No loose 4. No missi 5. No wrong	SUE TAPE only. Vire alignment to the sum of	verified tting the	
11	P1	Taping 1 Black COT to wire near connector	1. Hold the COT u hand, get the Blue using right hand the pre-taping using b hands.	R L L L L L L L L L L L L L L L L L L L	30±3mm 30±3mm 30±3mm 0~5mi	4 5	3. After taping, check the measurement and taping	MEASURING TAPE 6 7 8 9 10 1 2 3 4 5 6 7 8 9 9	1. Pleameasumeasumeasu 2. Use 1. No flip-oi 2. No peel- 3. No loose 4. No missi 5. No wrong	off tape e tape	/verified etting the	

