	WORK INSTRUCTION Effectivity Date: September 10, 2024											
			Process Name/Title:	TA	PING ASSEMBLY PRO	CESS		Val	dity Date:		n/a	
			Model code/Part number:	TM3 / 7L0116-702	20 Customer: TRQSS	Car Model: S	SUBARU ASCE	NT Dod	cument No.:		WI-ENG-PDE-3	341A
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPR	0	Rev	rision No.:	4	Page No.:	1 of 11
PARTS:		(POP);	AVSSf 0.3 Y L=320±2mm	ibe Ø7, L=190±3mm (no slit); Black i; AVSSf 0.3 B L=533±3mm; Blue tap	pe		2-1020); Clip 7067-0		JIG:	1. Insertior 2. Termina 3. Pushing	l cover jig i jig	ITEDO
N.	0.	Р	ROCESS NAME	WO	RK PROCEDURE/ ILLUSTR	ATION			TOOLS/PPE		QUALITY POIN	ITERS
		<u></u>		Black corrugated tube (no slit) Ø7, L=100±3mm	TABLE LAY-OUT  Black SV tube (Vinyl) Ø5, L=75±3mm	Conn	ector 7282-1020 (W		Be sure to wear prescribed person- protective equipmeduring operation (gloves, finger cot- etc.)	1. No miss 2. No exce s, Docume 1. Refer to Assembly	ent reference/so WI-ENG-PDE-3	<b>54</b> for Offline
1		P1	Table Lay-out	Insertion jig A  Insertion jig B	AVSSf 0.3 Y L=320±2mm	Clip 7067-0 (POP)  AVSSf 0.3 B L=533±3mm			Housekeeping Maintain and alwa practice 5's. Personal things the workplace is prohibited. Keep it your locker.	and Strip	and Strip Length Tolerance.  CONNECTOR ILLUSTRATION  OGOD  NG  OGOD  NG	
					Assy parts	hing jig	Blue tape/ Tape holder	tł	Alert level For any trouble, informer Assembly Assist Supervisor or Line Leader for immedia corrective action.	tant e ate	8847 (W) 7	186-8849 (W)
	1			Revision His	tory				Prepared by	Reviewed by	Approved by	Noted by
09/10/24	4			ng 2 to P2 due to process improvement. Inc sual inspection/Quality checkpoints.	lusionn of car model "SUBARU-	D. Castillo V	C. /illanueva A. Arañes	n/a				
02/25/23	3		Checkpoints. Standardized tub	of insertion jig. Addition of " Must have slighted description: SV tube (Vinyl); Improve work			J. Loterte C. Villanueva	A. Arañes	$\alpha$	.// ."	Alex	
09/30/22	2		olerance from 35+/-3mm to 35(+3 p. Improve: work procedure/Illust	8/-1mm) as countermeasure of encountered Natration on process no.	G dimension from end of tape up to	M. Ariola	J. Loterte C. Villanueva	A. Arañes	D. Castillo	C. Villanueva	A. Arades	n/a
Eff. Date	Rev. No			Details of Change		Revised F	Reviewed Approved	Noted	Est. Date:	October 2, 2021		

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			WORK INSTRUCT		Effectivity Date:		September 10, 2	024	
		Process Name/Title:		SEMBLY PROCESS		Validity Date:		n/a	-
		Model code/Part number:			del: SUBARU ASCENT			WI-ENG-PDE-34	1A
	<u> </u>	Purpose:			ASSPRO	Revision No.:	4	Page No.:	2 of 11
PARTS:	1. Conr	nector 7186-8847(W) (Assy	parts)			JIG:	1. Insertior	n jig	
NO.	F	PROCESS NAME	WORK PROCEI	DURE/ ILLUSTRATION		TOOLS/PPE	(	QUALITY POIN	ΓERS
2	P1	Connector setting to insertion jig 7186-8847(W)	Insertion jig  Visual reference  Guide  Connector Orientation  Connector Orientation  2. Insert the connector (7186-8847) with jointe jig using left hand and release the side lock.	Reset  Adjustable  Slide  Slide  Release  R  3. Push the hand. The swill be open	Hole R guide using right slot for Yellow wire	N/A	2. No wron	connector ILLUST  CONNECTOR ILLUST  NG  REAT (W)  71  Int reminders/not insert the inverter	RATION  RATION  86-8849 (W)  ote/s:



			WORK INS			Effectivity Date:		September 10, 2	024
		Process Name/Title:		G ASSEMBLY PRO		Validity Date:		n/a	
		Model code/Part number:	TM3 / 7L0116-7020	Customer: TRQS	SS Car Model: SUBARU ASCENT	Document No.:		WI-ENG-PDE-34	11A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	3 of 11
	2. AVS	Sf 0.3 Y L=320±2mm Sf 0.3 B L=533±3mm		Assy parts	TRATION		1. Insertior		T-00
NO.	F	ROCESS NAME	WORK F	PROCEDURE/ ILLUS	IRATION	TOOLS/PPE	QUALITY POINTERS		
3	P1	Wire insertion to Connector 7186-8847 (W)	1. Get Yellow wire then insert to termin using right hand. Conduct Pull-Push-Pu after insertion.	2. F slot	Wire facing  Press the button using left hand. The t for Black wire will be opened.  Get Black wire then insert to minal slot 2 using right hand. Induct Pull-Push-Pull-Push.		4. No defo 5. No wron Importa 1. Please during in 2. Make inserted. Conduct insertion Docume 1. Refer Push pro 2. Refer	ing insertion one insertion one insertion one insertion or insertion or insertion or insertion or insertion.  Sure wires are properties of the properties of	ear terminal roperly I-Push after /s: -029 for Pull-



			WORK INST	PLICTION			Effectivity Date:		September 10, 2	2024
		Process Name/Title:		ASSEMBL	V PROCI		Validity Date:		n/a	2024
		Model code/Part number:	TM3 / 7L0116-7020			Car Model: SUBARU ASCENT	•		WI-ENG-PDE-3	44.0
								1	1	
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH		MASSPRO	Revision No.:	4	Page No.:	4 of 11
	2. AVS	Sf 0.3 Y L=320±2mm Sf 0.3 B L=533±2mm		sy parts			JIG:	1. Insertion		
NO.	F	ROCESS NAME	WORK PR	OCEDURE/	ILLUSTRA	TION	TOOLS/PPE	QUALITY POINTERS  1. No loose insertion		
3	P1	Wire insertion to Connector 7186-8847 (W) (Continuation)	4. After insertion, press the button using left hand. GO sound will be heard.	6. A cor	hold the wi connector	slider lock  R  The lock using right thumb and the prices and gently pull out the prices and	N/A	2. No wron 3. One by 0 4. No defor 5. No wron 6. Must havinsertion.  Importa 1. Please during in 2. Make inserted. Conduct insertion 3. Conduct removing 4. Pushir one of ex  Docume 1. Refer Push pro 2. Refer	ing insertion one insertion one insertion one insertion or insertion or insertion or insertion or insertion.  In the hold the wire not insertion.  In the wire wires are purely or insertion of wire or insertion or insertion or insertion or insertion or insertion.  In the wire insertion or in	Note/s: ear terminal roperly I-Push after ires after rom jig. e done one by e. /s: /-029 for Pull-



	WORK INSTRUCTION Effectivity Date: September 10, 2024										
		Process Name/Title:		NG ASSEMBLY PROC		Validity Date:		n/a			
		Model code/Part number:	TM3 / 7L0116-7020	Customer: TRQSS	Car Model: SUBARU ASCENT	Document No.:		WI-ENG-PDE-34	11A		
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	5 of 11		
PARTS:	1. Assy 2. Clip	parts 7067-0 (POP)	3. Black corrugated tube Ø7,	L=190±3mm (no slit)		JIG:	1. Termina	l cover jig			
NO.	Р	ROCESS NAME	WORK	PROCEDURE/ ILLUSTR.	ATION	TOOLS/PPE	QUALITY POINTERS				
4		Clip Attachment	CLIP ORIENTATION		1. Hold the connector using left hand, get the clip 7067-0 (POP) (W) then insert using right hand.	N/A		e attachment ig usage of parts ing clamp			
5	P1	Wire insertion to Black corrugated tube Ø7, L=190±3mm (no slit)	1. Get the terminal cover jig and insert wires using right hand.   L  L  L  L  L  L  L  L  L  L  L  L	2. Get the Co (no slit) using jointed wires	prrugated tube Ø7, L=190±3mm gright hand and insert the B, Y and s using left hand.	Terminal cover jig		rmed terminal g usage of parts			

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		September 10, 2024								
		Process Name/Title:		IG ASSEMBLY			Validity Date:		n/a	
		Model code/Part number:	TM3 / 7L0116-7020	Customer: T	RQSS Car Model: SUBA	ARU ASCENT	Document No.:		WI-ENG-PDE-341	1A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO		Revision No.:	4	Page No.:	6 of 11
PARTS:	1. Assy 2. Black	parts < SV tube (Vinyl) Ø5, L=75:	±3mm 3. Connector 7282	-1020 (W)			JIG:	1. Insertion	ı jig	
NO.	Р	ROCESS NAME	WORK	PROCEDURE/ ILI	LUSTRATION		TOOLS/PPE	(	QUALITY POINT	ERS
6		Wire insertion to Black SV tube (Vinyl) Ø5, L=75±3mm	l	R	1. Get the Black SV tube  L=75±3mm using right ha the Y and Black jointed hand.	and then insert			rmed terminal ig usage of parts	
7	P1	Connector setting to Insertion jig 7282-1020 (W	Visua Black Yellow	ide wire guide  Il reference  I-ma	Insertion jig Orientation	Connector Orientation		2. No wrong 3. No wrong 4. No dama		RATION



			WORK II	NSTRUCTION		Effectivity Date:	Ι	September 10, 20	024
		Process Name/Title:		ING ASSEMBLY PROC	CESS	Validity Date:		n/a	
		Model code/Part number:	TM3 / 7L0116-7020	Customer: TRQSS	Car Model: SUBARU ASCENT	Document No.:		WI-ENG-PDE-34	1A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	7 of 11
PARTS:	1. Coni	nector 7282-1020 (W)				JIG:	1. Insertion	jig	
NO.	F	PROCESS NAME	WORI	K PROCEDURE/ ILLUSTR	ATION	TOOLS/PPE	(	QUALITY POINT	ΓERS
7	P1	Connector setting to Insertion jig 7282-1020 (W) (Continuation)	Press  1. Press the lock of insertion jig using left thumb.	Hole 3. Push t	Release  1020 (W) into jig using right hand  the lower wire guide using left hand, or Yellow wire will be opened.		2. No wron 3. No wron 4. No dama  Coni  I-mar not	NG NNECTOR ILLUST	1 hole is open  TRATION



			WORK INS	TRUCTION			Effectivity Date: September 10, 2024					
		Process Name/Title:		IG ASSEMB	SI Y PROCE	FSS		Validity Date:	+	n/a		
		Model code/Part number:	TM3 / 7L0116-7020	Customer:		Car Model: SUB	ARU ASCENT	-		WI-ENG-PDE-3	41A	
		Purpose:	PROTOTYPE	PRE-LAUNCH		MASSPRO		Revision No.:	4	Page No.:	8 of 11	
PARTS:	1. Assy 2. Conr	parts nector 7282-1020 (W)	_					JIG:	1. Insertion	n jig		
NO.	F	ROCESS NAME	WORK F	PROCEDURE	/ ILLUSTRA	TION		TOOLS/PPE	(	QUALITY POIN	TERS	
8	P1	Wire insertion to connector 7282-1020 (W)	1. Insert the Yellow wire using right and insert to connector.  2 B 3. Get Black wire using right hand and insert to connector.	hand  R  Black  4. an	Slot for Blace  L  After insertion, and then hold the	e button using right ck wire will be open.  Press  press the lock usi e wires and gently gig using right hand.	ng left thumb	N/A	Importal 1. Please during ins 2. Make s inserted. Conduct i insertion Docume	ing insertion one insertion one insertion or insertion or insertion or insertion or insertion.  Interminders/les in the insertion.  Interminders/les in the insertion.  Interminders/les in the insertion.  Interminders/les in the insertion or insertion.  Interminders/les in the insertion or insertion or insertion.  Interminders/les in the insertion or inse	ear terminal operly I-Push after	



			WORK		Effectivity Date:	September 10, 2024				
		Process Name/Title:		APING ASSEMBLY PRO	CESS	Validity Date:		n/a		
		Model code/Part number:	TM3 / 7L0116-702	20 Customer: TRQS	S Car Model: SUBARU ASCENT	Document No.:		WI-ENG-PDE-34	1A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	9 of 11	
PARTS:	1. Assy	parts				JIG:	1. Pushing	ı jig		
NO.	F	PROCESS NAME	WO	RK PROCEDURE/ ILLUST	RATION	TOOLS/PPE	QUALITY POINTERS			
9	P1	Connector lock	Pressing Sequence  1. He push above Push	old the connector using left handing jig using right hand and starve illustration.	d and place on the table. Get the the sequential locking based on the clock first and then push the upper luring locking must be slant.)  2. Ensure that connector is in locked condition by touching the connector lock based on the sequence illustrated.	PUSHING JIG	1. No unio 2. No dam	cked/half-locked coage connector.	onnector	



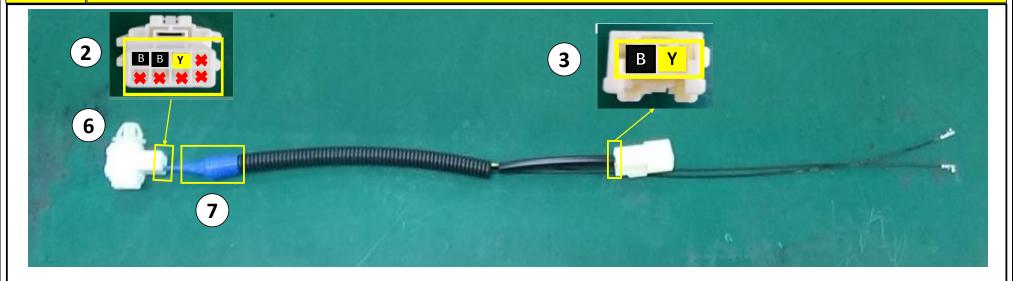
	WORK INSTRUCTION Effectivity Date: September 10, 2024											
		Process Name/Title:	TAPI	ING ASSEMBLY PR	OCESS	Validity Date:		n/a				
		Model code/Part number:	TM3 / 7L0116-7020	Customer: TRQ	SS Car Model: SUBARU ASC	ENT Document No.:		WI-ENG-PDE-34	1A			
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	10 of 11			
PARTS:	1. Blue 2. Assy		WORK	( PROCEDURE/ ILLUS	TRATION	JIG: TOOLS/PPE	N/A	QUALITY POIN	reps			
10	P1	Taping 1 Black COT to wire near Connector		1. Hold the COT Blue tape using taping using bot 2. Mea connec proces	sure from end of COT up to edge of tor 30±3mm then continue the tapings susing both hands.	Measuring tape 6 7 8 9 10 1 2 3 4 5 6 7 8 9	Impor 1. Plea measur 2. Use Docur 1. Refe proced 1. No flip-c 2. No peel 3. No loos 4. No miss 5. No wror	rtant reminders, se use calibrated/ving tape when getterment.  BLUE TAPE only.  ment reference or to WI-PRO-ASY-ure.  but tape -off tape e tape	/note/s: erified ing the			



			WORK	INSTRUCTION		Effectivity Date:		September 10, 2024		
		Process Name/Title:	TAI	PING ASSEMBLY PROC	ESS	Validity Date: n/s		n/a		
		Model code/Part number:	TM3 / 7L0116-702	Customer: TRQSS	Car Model: SUBARU ASCENT	Document No.:		WI-ENG-PDE-34	41A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	11 of 11	
PARTS:	1. Ass	y parts	^			JIG:	N/A			
	✓4 VISUAL INSPECTION/ QUALITY CHECKPOINTS									
		<u> </u>	<u> </u>			<u> </u>				

**P1** 

## 7L0116-7020



- 1 No Unlocked/Half-locked connector
- 2 3 No Wrong insert
- (4) No Terminal Backing out

- 5 No Deformed Terminal
- 6 No Missing Clip clamp
- 7 No Missing tape

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