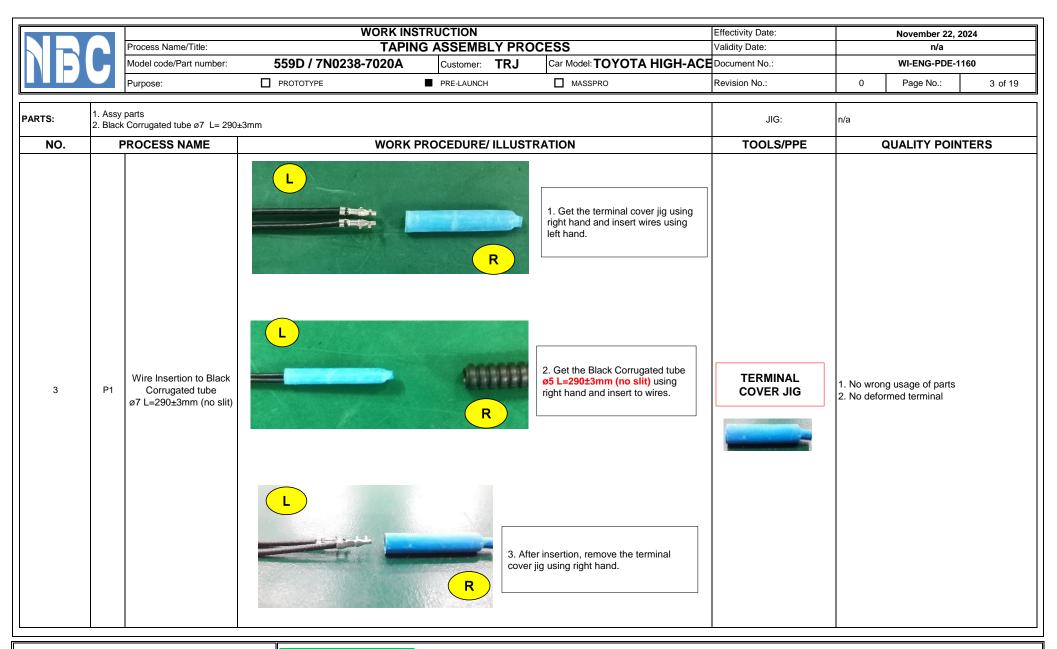
					STRUCTION				Effect	ivity Date:		November 2	2, 2024
			Process Name/Title:	TAPI	NG ASSEMBLY PRO					ty Date:		n/a	
			Model code/Part number:	559D / 7N0238-7020A	Customer: TRJ	Car Model: T (OYOTA	HIGH-AC	Docur	ment No.:		WI-ENG-PDI	E-1160
			Purpose:	☐ PROTOTYPE	PRE-LAUNCH	☐ MASSPRO	0		Revisi	ion No.:	0	Page No.:	1 of 19
PARTS:		1. Conr	ector 7286-4097 (W); wire ave	ssf 0.3 B-B L=975mm; wire avssf 0.3 P-W-	G L=830mm;wire avssf 0.3 Y-O	R L=582mm				JIG:	n/a		
N	Ο.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUSTR	RATION				TOOLS/PPE		QUALITY PO	INTERS
1		P1	Wire insertion to Connector 7286-4097 (W)	1. Hold the connector 7286-4097 (connector using right hand. Condu OR-Y-P-G-W wires. Note: Follow the insertion seque	Wire insertion illustrated by the set of the	RATION 7 G 830 8 W 830 ssert to terminal rition. Repeat th		ing	Be	afety Instructio sure to wear requi personal protective equipment during eration (gloves, fin cots, etc.) :=:=:=::::::::::::::::::::::::::::::	1. No v 2. No v 2. No v 3. No c 4. No v 5. No l 6. No v 7. One 8. No c 9. No v 1. Ple ed. 2. Ma inser Condo inser Do no v 1. Re rush r	prong orientation of prong use of connector or group insertion of woose insertion prong insertion by one insertion eformed terminal prong wire facing that reminders/Nase hold the wire ke sure wires are led.	connector ctor ires ote/s: near terminal. properly I-Push after e. Y-029 for Pull- C-017 for Wire
				Revision History						Prepared by	Reviewed by	Approved by	Noted by
										Ohmander	Jour Jiffo	- Super-	-
11/22/24	-	Initial iss	ue			A.Hernandez C.	.Villanueva A	A. Arañes	n/a	A.Hernandez	C.Villanueva	A. Arañes	n/a
Eff. Date	Rev. No			Details of Change		Revised R	Reviewed A	pproved N	oted	Est. Date:	November 22, 2	024	



			WORK INS		Effectivity Date:		November 22, 2	2024		
		Process Name/Title:	TAPIN	G ASSEMB	LY PROC	CESS	Validity Date:		n/a	
		Model code/Part number:	559D / 7N0238-7020A	Customer:	TRJ	Car Model: TOYOTA HIGH-ACE	Document No.:		WI-ENG-PDE-1	160
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	l	☐ MASSPRO	Revision No.:	0	Page No.:	2 of 19
PARTS:	1. Assy				/!!			n/a		17500
NO.	F	ROCESS NAME	WORK P	ROCEDURE	/ ILLUSTR	ATION	TOOLS/PPE	E QUALITY POINTERS		
2	P1	Connector lock		ing ddle. 4 hi	Right to and while left	e lower part of connector to fully the locking jig. 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		2. No unlo	00D	Note/s: AY CAUSE R LOCK per model to

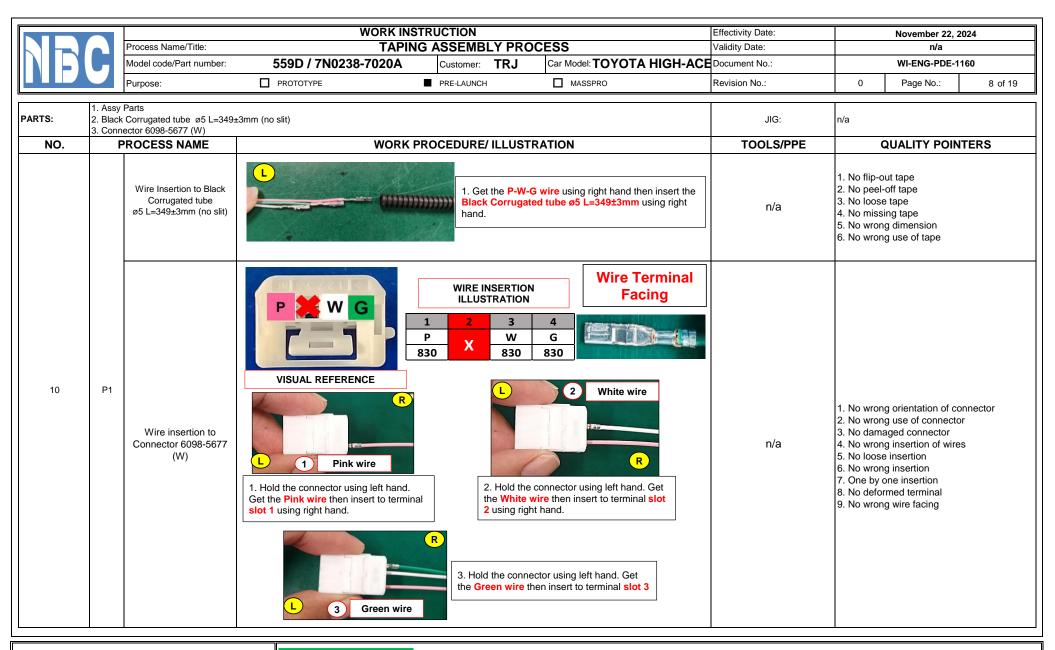


			WORK INS			Effectivity Date:		November 22, 20	24
		Process Name/Title:		G ASSEMBLY PR		Validity Date:		n/a	
		Model code/Part number:	559D / 7N0238-7020A	Customer: TRJ	Car Model: TOYOTA HIGH-ACE			WI-ENG-PDE-11	60
		Purpose:	PROTOTYPE	PRE-LAUNCH	☐ MASSPRO	Revision No.:	0	Page No.:	4 of 19
PARTS:	1. Assy 2. Black 3. Black	parts < Corrugated tube ø7 L= 290± < SV tube (vinyl) ø5 L= 248±3	±3mm 9mm	4. Connector 7283-10	027 (W)	JIG:	n/a		
NO.		PROCESS NAME		ROCEDURE/ ILLUS	STRATION	TOOLS/PPE	(QUALITY POINT	ERS
4	P1	Wire Insertion to Black Corrugated tube Ø7 L=290±3mm (no slit) (Continuation)	1. Get the P-W-G wire using right hand insert the Black Corrugated tube Ø7 L=290±3mm using right hand.	R 2. Get the the Black using right	R The Y-OR wire using right hand then insert the Corrugated tube Ø7 L=290±3mm with hand.	n/a		1. No wrong use of 2. No deformed ter	parts minal
5		Wire Insertion to Black SV tube (vinyl) ø5 L= 248±3mm	L	1. Get the the Black using righ	e Y-OR wire using right hand then insert x SV tube (vinyl) ø5 L=248±3mm ht hand.	n/a		1. No wrong use of 2. No deformed ter	parts minal

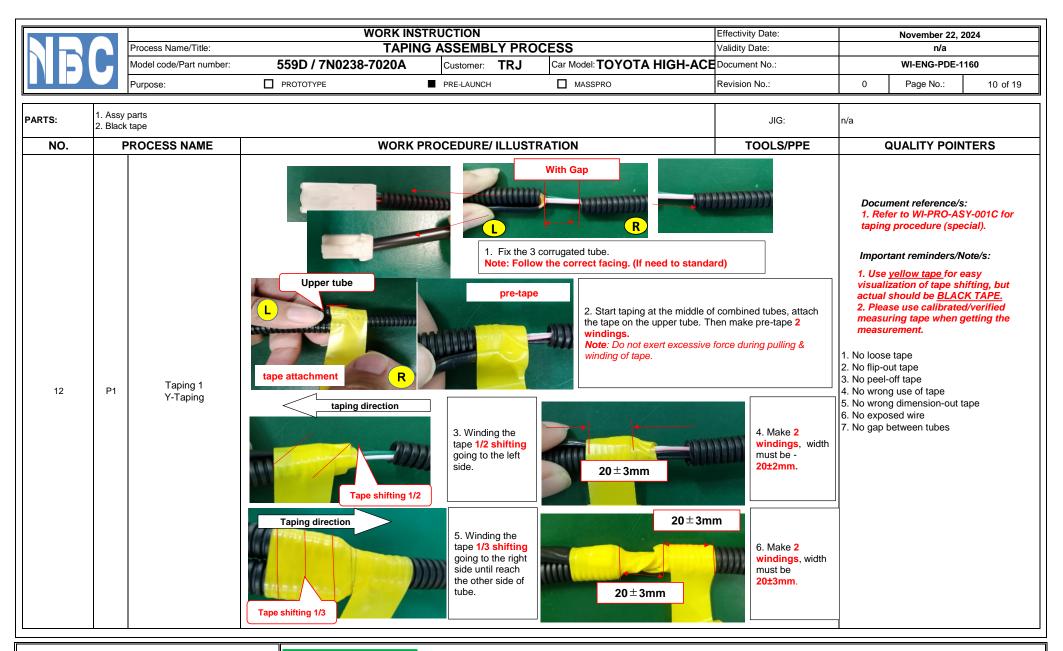
		T	WORK ING	TRUCTION		leg or a pr	1		
		Dan and Marca /Title		STRUCTION	00500	Effectivity Date:		November 22, 2	024
		Process Name/Title:		IG ASSEMBLY PR		Validity Date:		n/a	
		Model code/Part number:	559D / 7N0238-7020A	Customer: TRJ	Car Model: TOYOTA HIGH-ACE	Document No.:		WI-ENG-PDE-1	160
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	☐ MASSPRO	Revision No.:	0	Page No.:	5 of 19
	1								
PARTS:	1. Assy	parts ector 7283-1027 (W				JIG:	n/a		
		<u> </u>							
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUS	TRATION	TOOLS/PPE	(QUALITY POIN	TERS
6	P1	Wire insertion to Connector 7283-1027 (W)	VISUAL REFERENCE 1. Get the connector 7283-1027 (BW thold the Yellow wire and insert to tems slot 1 of connector using right hand. Conduct 2x push pull after wire insertice.	ninal hold term	Wire Terminal Facing Orange Ret the connector 7283-1027 (BW then at the Orange wire and insert to ninal slot 2 of connector using right d. Conduct 2x push pull after wire ention.	n/a	2. No wron 3. No dama 4. No wron 5. No loose 6. No wron 7. One by 6 8. No defor 9. No wron Importar 1. Please 2. Make inserted Conduct insertior Do not e	g insertion one insertion rmed terminal g wire facing at reminders/Note e hold the wire ne sure wires are po the pull-Push-Pull-Fil exert extra force. ant references: to GL-PRO-ASY-	r s e/s: ear terminal. roperly Push after

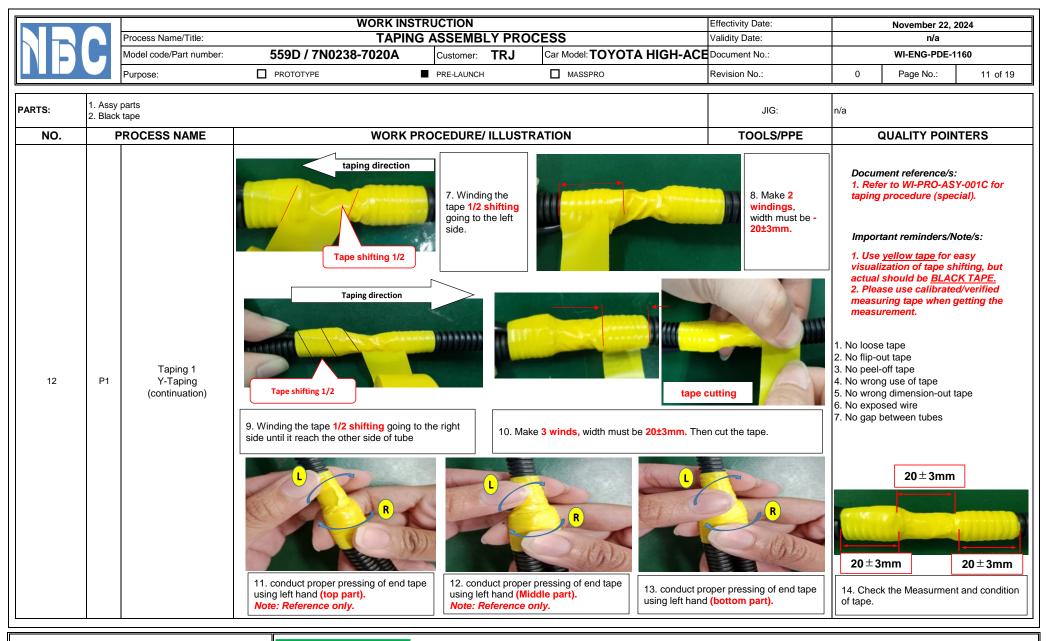
	_		WORK		Effectivity Date:		November 22, 2	2024	
		Process Name/Title:		PING ASSEMBLY PRO	OCESS	Validity Date:		n/a	.02-7
		Model code/Part number:	559D / 7N0238-7020		Car Model: TOYOTA HIGH-ACE			WI-ENG-PDE-1	160
		Purpose:	☐ PROTOTYPE	■ PRE-LAUNCH	☐ MASSPRO	Revision No.:	0	Page No.:	6 of 19
PARTS:	1. Assy	Parts				JIG:	1. Pushing j	jig	
NO.	F	PROCESS NAME	WO	RK PROCEDURE/ ILLUS	TRATION	TOOLS/PPE	QUALITY POINTERS		
7	P1	Connector lock	the p	old the connector using left har bushing jig using right hand and on above illustration. Push the first and then push the upper p	d start the sequential locking he lower part of the connector part. 2. Ensure that connector is in locked condition by touching the connector lock based on the sequence illustrated.	PUSHING JIG	2. No dama 3. Use prodamaged I Imp 1. Manua 2. Positio	cked/half-locked cage connector vided jig tool per nock. Fortant reminder al locking may can connector lock on of pushing jig must be sland	nodel to avoid ss/Note/s: nuse damaged ck. during locking nt.

			WORK INSTRU			Effectivity Date:		November 22, 20	24
		Process Name/Title:		SSEMBLY PRO		Validity Date:		n/a	
		Model code/Part number:		Customer: TRJ	Car Model: TOYOTA HIGH-ACE	Document No.:		WI-ENG-PDE-110	30
		Purpose:	☐ PROTOTYPE ■	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	7 of 19
PARTS:	1. Assy 2. Black	Parts c Corrugated tube ø7 L=110±3	3mm (no slit			JIG:	n/a		
NO.	F	PROCESS NAME	WORK PRO	CEDURE/ ILLUSTF	RATION	TOOLS/PPE	C	QUALITY POINT	ERS
8	Wire Insertion to Black Corrugated tube Ø7 L=110±3mm (no slit) R 1. Get the terminal cover jig using right hand and in wires using left hand. 2. Get the Black Corrugated tube Black Corrugated tube Ø7 L=110±3mm (no slit) using right hand and insert to wires. 3. After insertion, remove the terminal cover jig using right hand.					n/a	1. No flip-o 2. No peel- 3. No loose 4. No missi 5. No wron 6. No wron	off tape e tape	
9		Wire Insertion to Black Corrugated tube Ø7 L=110±3mm (no slit)	1. Get the P-W-G w Black Corrugated hand.	vire using right hand th tube ø7 L=110±3mm	nen insert the using right	n/a		off tape e tape	



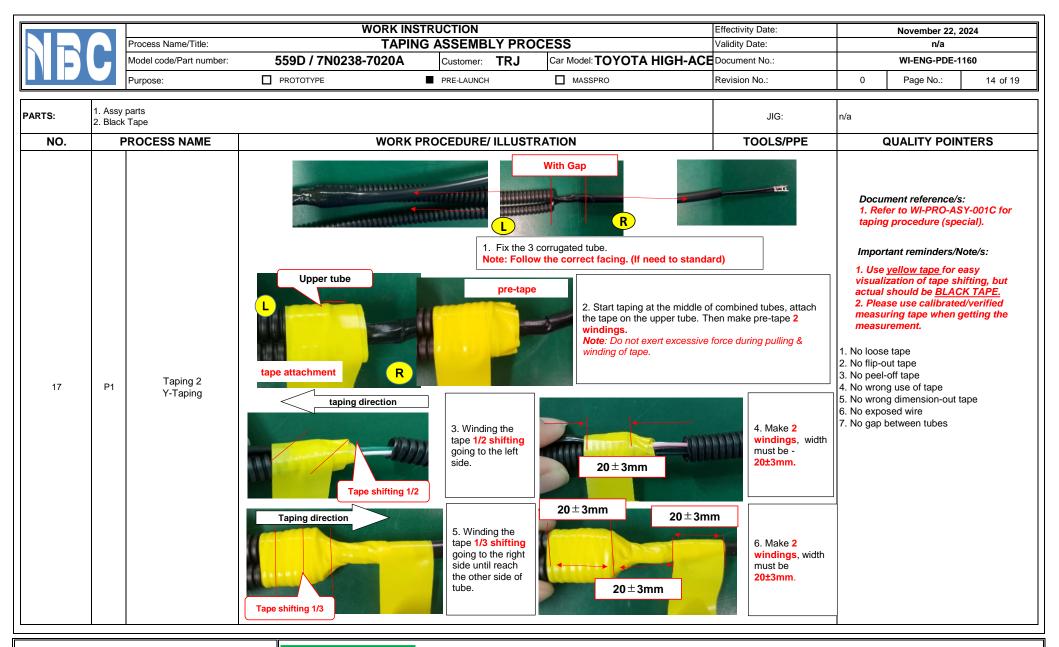
			WORK INS		Effectivity Date:					
		Process Name/Title:	TAPIN	G ASSEMBLY PR	ROCESS		Validity Date:		n/a	
		Model code/Part number:	559D / 7N0238-7020A	Customer: TRJ	Car Model:	TOYOTA HIGH-ACE	Document No.:		WI-ENG-PDE-1	160
		Purpose:	☐ PROTOTYPE	■ PRE-LAUNCH	☐ MASSF	PRO	Revision No.:	0	Page No.:	9 of 19
PARTS:	1. Assy	·						n/a		
NO.	F	ROCESS NAME	WORK F	PROCEDURE/ ILLUS	STRATION		TOOLS/PPE	(QUALITY POIN	TERS
11	P1	Connector Lock	1. Put the connector into locking jig us hand then press 2x to lock. Touch the connector lock to confirm if properly process. 2. Ensure that connector is in lock based on the sequence illustration.	ing right ressed.	GOOD Fully Locked e touching the con	AFTER PRESSING NG UnLocked R		1. Manuadamaged Docume 1. Referverificate	nt reminders/Note al Locking may cod connector lock nt references: to GL-PRO-ASY- ion of connector provided jog per mo ked/half-locked con	aused 017 for lock.



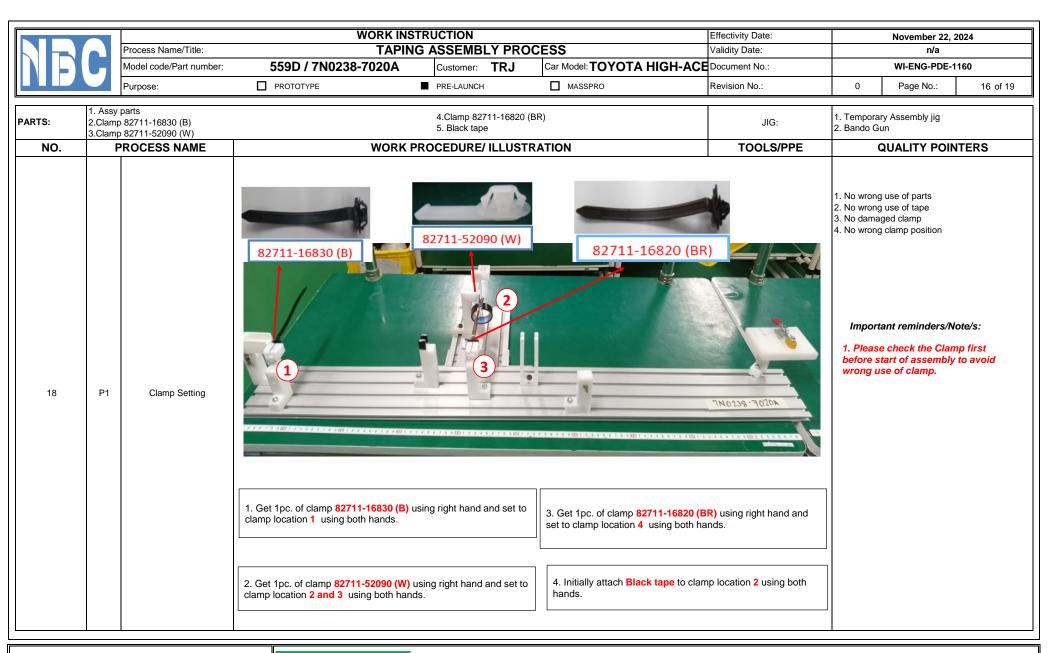


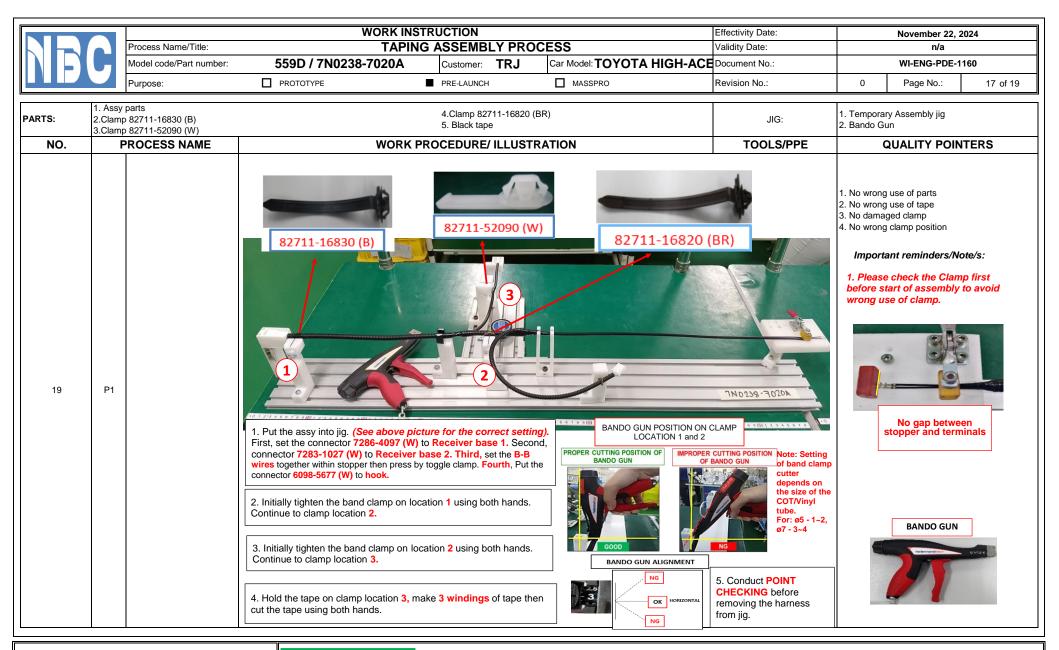
			WORK INS		Effectivity Date:		November 22, 20	24	
		Process Name/Title:		G ASSEMBLY PRO		Validity Date:		n/a	
	7	Model code/Part number:	559D / 7N0238-7020A	Customer: TRJ	Car Model: TOYOTA HIGH-ACE			WI-ENG-PDE-11	60
		Purpose:	PROTOTYPE	PRE-LAUNCH	☐ MASSPRO	Revision No.:	0	Page No.:	12 of 19
PARTS:	1. Assy 2. Black					JIG:	n/a		
NO.	F	ROCESS NAME	WORK P	ROCEDURE/ ILLUST	RATION	TOOLS/PPE	C	QUALITY POINT	ERS
13	P1	Spot Tape 1	1. Combine the assy parts then and then conduct measurement 20mm		2. Get the Black tape using right hand then conduct 2 windings of spot taping using both hands. Traping, check the measurement ping condition.		1. No flip-o 2. No peel- 3. No loose 4. No missi 5. No wron	ut tape off tape e tape	verified
14		Spot Tape 2	1. Conduct measurement from wires to the pointed tip 120±3mm using both hands. 100mm 100mm	terminal	2. Get the Black tape using right hand then conduct 2 windings of spot taping using both hands. check the measurement dition.	West and the second sec	1. No flip-o 2. No peel- 3. No loose 4. No missi 5. No wron	off tape e tape	d/verified

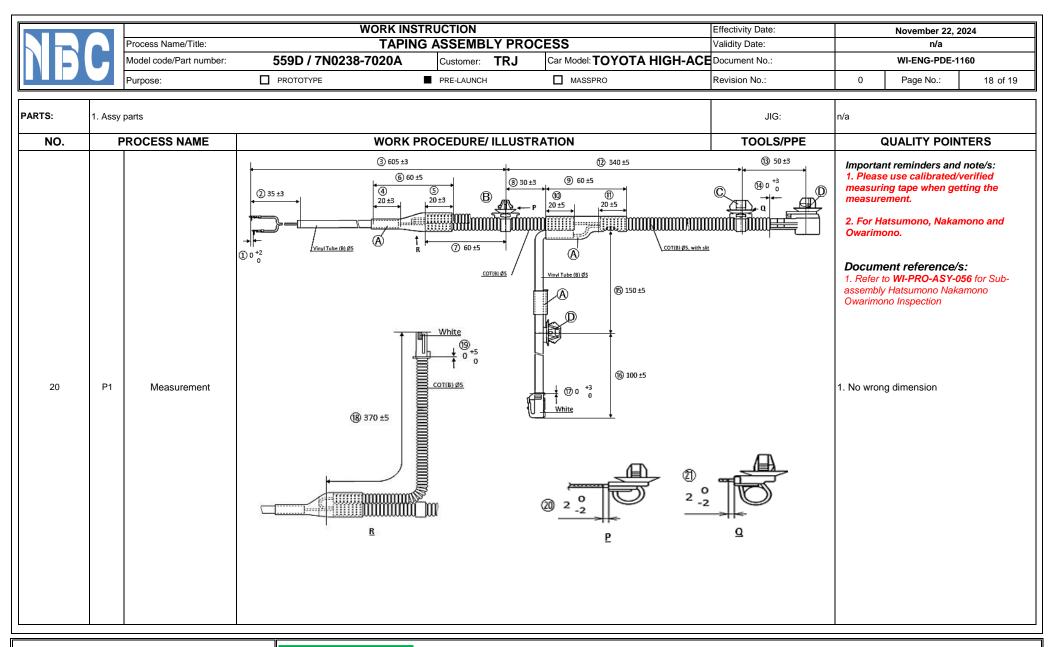
			WORK INS	TRUCTION		Effectivity Date:		November 22, 2	024
		Process Name/Title:	TAPIN	G ASSEMBLY F	PROCESS	Validity Date:		n/a	
		Model code/Part number:	559D / 7N0238-7020A	Customer: TR	Car Model: TOYOTA HIGH-ACE	Document No.:		WI-ENG-PDE-1	160
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	☐ MASSPRO	Revision No.:	0	Page No.:	13 of 19
PARTS:	1. Assy 2. Black	parts SV tube (vinyl) ø5 L= 490±3	imm			JIG:	n/a		
NO.	F	PROCESS NAME	WORK F	ROCEDURE/ ILL	USTRATION	TOOLS/PPE	(QUALITY POIN	TERS
15		Wire Insertion to Black SV tube (vinyl) ø5 L= 490±3mm	L	the	Set the B-B wire using right hand then insert Black SV tube (vinyl) ø5 L=490±3mm ng right hand.	n/a		No wrong use of No deformed ter	
16	P1	Sport Tape 3	No Gap 1. Combine the assy parts then and Blast SV tube (vinyl) ø5 L= 490±3mm. 10mm 10mm 3. After taping, check the measurements of the state of		Start of taping 2. Get the Black tape using right hand then conduct 2 windings of spot taping using both hands. R 2. Get the Black tape using right hand then conduct 2 windings of spot taping using both hands.	n/a	1. No flip-o 2. No peel- 3. No loose 4. No miss 5. No wron	off tape tape	d/verified



			WORK INSTRU	CTION		Effectivity Date:		November 22, 2	024
		Process Name/Title:	TAPING AS	SSEMBLY PRO	CESS	Validity Date:		n/a	
		Model code/Part number:	559D / 7N0238-7020A	Customer: TRJ	Car Model: TOYOTA HIGH	-ACE Document No.:		WI-ENG-PDE-1	160
		Purpose:	☐ PROTOTYPE ■ F	PRE-LAUNCH	☐ MASSPRO	Revision No.:	0	Page No.:	15 of 19
PARTS:	1. Assy 2. Black					JIG:	n/a		
NO.	F	PROCESS NAME	WORK PROC	CEDURE/ ILLUSTI	RATION	TOOLS/PPE	(QUALITY POIN	TERS
NO.	P1	Taping 2 Y-Taping (continuation)	Tape shifting 1/2 Taping direction Tape shifting 1/2 Tape shifting 1/2 9. Winding the tape 1/2 shifting going to the side until it reach the other side of tube	7. Winding the tape 1/2 shifting going to the left side.	ke 3 winds, width must be 20±3mr	8. Make 2 windings, width must be 20±3mm.	Impor 1. Use visual actual 2. Plea measu measu 1. No loos 2. No flip-cl 3. No peel 4. No wror 5. No wror 6. No expo	tant reminders/Ni yellow tape for eization of tape sh should be BLAC are use calibrate urring tape when gurement. e tape out tape off tape g use of tape g dimension-out ta	7-001C for cial). ote/s: asy ifting, but K TAPE. d/verified letting the
			11. conduct proper pressing of end tape using left hand (top part). Note: Reference only.	12. conduct proper using left hand (Mi		duct proper pressing of end tape ft hand (bottom part).		3mm 2	20 ± 3mm









PARTS: n/a	PING - P1	VIS	SUAL INSPECTION/ QU	7N0238-7	020A	n/a		
1 B OR B Y	P W 1	₩ G		(1) (2) (3)	/	cked c	onnect ert	or

5 No Missing Clamp

6) Check the Clamp Alignment

4 No Wrong facing Y-Yaping

7) No Deformed terminal

8 No Terminal backing out

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