					STRUCTION					Effec	tivity Date:		June 11, 202	4	
			Process Name/Title:		NG ASSEMBL					_	ity Date:		n/a		
			Model code/Part number:	550B / 7L0083-7023	Customer:	TRQSS	Car Model:	TOYOTA	-HIGLANDE	R Docu	ment No.:		WI-ENG-PDE-4	47A	
			Purpose:	PROTOTYPE	PRE-LAUNCH		MASSE	PRO		Revis	sion No.:	2	Page No.:	1 of 7	
PARTS:		L=394±	parts: Connector 6098-3802 (W); AVSSf 0.3 B wires L=799±3mm; SV tube (Vinyl) ø5 L=213±3mm; Black Corrugated tube ø5 ±3mm (no slit); VM tube (Sunprene) ø5 L=130±3mm; White tape								1. Terminal cover jig JIG: 2. Insertion Jig 3. Locking jig				
N	0.	Р	PROCESS NAME WORK PROCEDURE/ ILLUST					ATION			TOOLS/PPE		QUALITY POINTERS		
		<u>/2</u>	Z Table Lay-out	Connector 6098-3802 (W) Insertion Jig Measuring Jig	Terminal Cover jig	ay-out Sist 0.3 B wire =799±3mm ing Jig		(Sur ø5 L=1	VM tube prene) 30±3mm ugated tube 94±3mm slit)	p dui	Alert level or any trouble, info earsight or a respective equipme ring operation (glov finger cots, etc.) Housekeeping Maintain and alwa practice 5's. Personal things on orkplace is prohibite eep it in your locke	Docum 1. Refer Wire and 2. No ex 1. No mi 2. No ex 1. No mi 2. No ex	ent references: to WI-PRO-CNC-0 Strip Length Tol	17 for erance	
		l		Revision History		T					Prepared by	Reviewed by	Approved by	Noted by	
06/11/24	2	process t	to WI-ENG-PDE-447B due to pro	cess. Transfer Taping 2, Taping 3, Clamp setting ocess improvement. Update Table layotr and Qu	uality checkpoints.		D. Castillo	C. Villanueva	A. Arañes	n/a					
02/17/23	1	Vinyl tube inspection	e to SV tube (Vinyl); Sunprene tut n.	P from 2MP to 1MP. Inclusion batching and Quality be to VM tube (Sunprene). Update table layout and			D. Castillo	J. Loterte	C. Villanueva A	. Arañes	Jestus	Month illow			
3/04/22	0	Initial issu	ue.				K. Doria	J. Loterte		. Arañes	D. Castillo	Ø. Villanueva	A. Aranes	n/a	
ff. Date	Rev. No			Details of Change			Revised	Reviewed	Approved	Noted .	Est. Date:	March 04, 2022			



	_		WORK INSTRUCTION		Effectivity Date:	June 11, 2024			
		Process Name/Title:	TAPING ASSEMBLY PR	OCES	Validity Date:	n/a			
		Model code/Part number:		Car Model: TOYOTA-HIGLANDER	Document No.:		WI-ENG-PDE-44	7A	
		Purpose:	☐ PROTOTYPE ☐ PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	2 of 7	
PARTS:	1. Conn	ector 6098-3802 (W)		JIG:	1. Insertion jig				
NO.	F	PROCESS NAME	WORK PROCEDURE/ ILLUS	TOOLS/PPE	QUALITY POINTERS				
2	P1	Connector setting to insertion jig 6098-3802 (W)	insertion jig using left thumb. using right hand and re	Connector orientation Connector Lock Releas 98-3802 (W) and insert into jig lease the lock using left hand.	n/a	2. No wrong 3. No wrong 4. No dama	s not All	ation	



			WORK INST			Effectivity Date:		June 11, 2024	4
		Process Name/Title:	TAPIN	G ASSEMBLY PRO	CES	Validity Date:		n/a	
		Model code/Part number:	550B / 7L0083-7023	Customer: TRQSS	Car Model: TOYOTA-HIGLANDER	Document No.:		WI-ENG-PDE-44	17A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	3 of 7
PARTS:	1. AVS	of 0.3 B wires L=799±3mm [2	pcs]	JIG:	Insertion jig Locking jig				
NO.	F	PROCESS NAME WORK PROCEDURE/ ILLUSTRATION					QUALITY POINTERS		
3	P1	Wire insertion to connector 6098-3802 (W)	1. Get the first Black wire and insert to Sconnector using right hand.	Black 2 2. Get the 2 of conne 3. After insertion, pus	second Black wire and insert to Slot ctor using right hand. The the lock using left thumb, hold the but the connector from jig using right		Docume 1.Refer to Push proo 2.Refer to and Strip Importa 1. Make s inserted. Conduct I insertion. Do not ex	g insertion one insertion rmed terminal g wire facing ent references: o GL-PRO-ASY-029 cedure. o WI-PRO-CNC-017 Length Tolerance ant reminders/s cure wires are property	for Pull- 7 for Wire (Note/s: perly <u>ISh</u> after



		T	WORK INS	TRUCTION			Effectivity Date:		June 11, 2024	4	
		Process Name/Title:			I V DDOC		Validity Date:	+	n/a	4	
		Model code/Part number:	TAPING ASSEMBLY PROCES 550B / 7L0083-7023					WI-ENG-PDE-447A			
				Customer:			+		1		
		Purpose:	PROTOTYPE	PRE-LAUNCH		MASSPRO	Revision No.:	2	Page No.:	4 of 7	
PARTS:		Sf 0.3 B wires L=799±3mm [2					JIG:	Insertion Locking ji	ig		
NO.		PROCESS NAME	WORK F	ROCEDURE/	ILLUSTRA	TION	TOOLS/PPE	(QUALITY POIN	TERS	
4	P1	Connector lock	1. Load the connector into the jig ho both side of the connector, tip first. Right thumb-Lower Left thumb-middle 3. Press the lower parts of connector or inght hand while left hand holding the middle. Right thumb-middle Left thumb-middle 5. Lift then press the connector in the middle using left and right hand.	fully 4. Pre right h middle 6. Ensi slide to	Right the Left thur ess the upper pland while left e.	part of connector using thand holding the L R ector is in locked condition by connector lock based on the	LOCKING JIG	Importa 1. Use proconnector. 2. Manual lock. Docume 1. Please the verifi 1. No unland the serification of the serificatio	ant reminders/l	NG Half Lock Note/s: ck the e damaged ASY-017 for tor lock. connector	

NBC (Philippines)

MASTER COPY

connector

			WORK INS	Effectivity Date:	June 11, 2024				
		Process Name/Title:	TAPII	NG ASSEMBLY PROC	CES	Validity Date:	n/a		
		Model code/Part number:	550B / 7L0083-7023	Customer: TRQSS	Car Model: TOYOTA-HIGLANDER	Document No.:		WI-ENG-PDE-44	7A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	5 of 7
PARTS:	1. Assy 2. SV tu	parts (Connector 6098-3802 be (Vinyl) ø5 L=213±3mm	(W) ; AVSSf 0.3 B wires L=799±3mm [2pcs]	JIG: 1.Terminal cover jig					
NO.	PROCESS NAME WORK PROCEDURE/ ILLUSTRATION				TOOLS/PPE	(QUALITY POINT	ΓERS	
5		Wire Insertion to Black SV tube (Vinyl) ø5 L=213±3mm	L .	1.Hold the assy p tube (Vinyl) ø5 L- insert the Black v	part using left hand then get the SV = 213±3mm using right hand and wires.			ig usage of parts. rmed terminal.	
6	P1	Wire Insertion to Corrugated tube ø5 L=394±3mm (no slit)	1. Hold the wires using left hand, get the terminal cover jig using right hand and insert the wires.		2. Get the corrugated tube ø5, L=394±3 (no slit) using right hand and insert to wires. After insertion, remove the terminal ver jig using right hand.	Terminal cover jig		g usage of parts. rmed terminal.	

NBC (Philippines)

MASTER COPY

			WORK INS				Effectivity Date:		June 11, 202	4
		Process Name/Title:	TAPIN	NG ASSEMBLY P	ROCES		Validity Date:		n/a	
		Model code/Part number:	550B / 7L0083-7023	Customer: TRC	QSS Car Model:	: TOYOTA-HIGLANDER	Document No.:		WI-ENG-PDE-4	47A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASS	SPRO	Revision No.:	2	Page No.:	6 of 7
PARTS:	1. Assy 2. Blac	parts k VM tube (Sunprene) ø5 L	=130±3mm	3. White tape 4. Black tape			JIG:	n/a		
NO.	F	PROCESS NAME	WORK F	PROCEDURE/ ILLU	STRATION		TOOLS/PPE	QUALITY POINTERS		
7		Wire Insertion to Black VM tube (Sunprene) ø5 L=130±3mm	L sate	tube (Sun		ft hand then get the <mark>VM</mark> 3mm using right hand	n/a		g usage of parts. med terminal.	
8	P1	Taping 1 VM tube (Sunprene) to wire near terminal	1. Hold the sunprene tube using left hand. Measure from VM tube (Sunrpene) up to terminal pointed tip 55±3mm. 20±3mm 35:	± 3 mm	ri tu L h s	alignment		5. No wron 6. No miss Importa 1. Please measurin measurer	off tape out tape out tape or tape or tape or tape of tape or	erified ing the 1 for taping



				TRUCTION			Effectivity Date: Validity Date:		June 11, 2024	4	
		Process Name/Title:		TAPING ASSEMBLY PROCESS					n/a		
		Model code/Part number:	550B / 7L0083-7023	-7023 Customer: TRQSS Car Model		Car Model: TOYOTA-HIGLANDER	Document No.:		47A		
		Purpose:	PROTOTYPE	PRE-LAUNCH		MASSPRO	Revision No.:	2	Page No.:	7 of 7	
PARTS:	1. Ass	y parts	/a\ vis	ULAL INCRECT	ION/OUA	LITY CUECKDOINTS	JIG:	n/a			
			<u>∕2</u> \ VIS	SUAL INSPECT	ION/ QUA	LITY CHECKPOINTS					
1	P1		7L	00	83	<mark>3-702</mark> 3					
	1 000D				4		3			OOD	
(2	_	Unlocked/Halflo	ocked Connector 3		ne tub	pe e to wire near termin Corrugated Tube	al)		d termina		

NBC (Philippines)

MASTER COPY