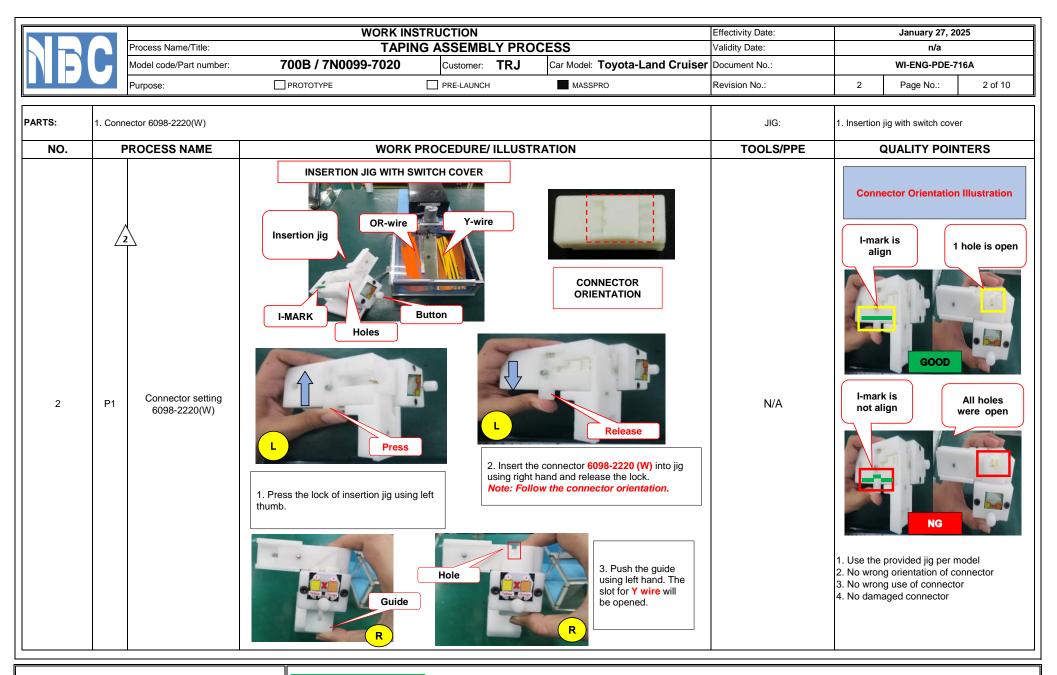
	~ J				STRUCTION		Effectivity Date:		January 27, 2025			
			Process Name/Title:		NG ASSEMBLY PROC	CESS		Validity Date:		n/a		
	- 1		Model code/Part number:	700B / 7N0099-7020	Customer: TRJ	Car Model: Toyota	a-Land Cruise	Document No.:		WI-ENG-PDE-71	6A	
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO		Revision No.:	2	Page No.:	1 of 10	
PARTS:	1	Corruga L=341±3	ted Tube Ø5 L=165±3mm	Sf 0.3 Y L=713±3mm; AVSSf 0.3 OR L= (No Slit); Connector 6098-3802 (W); Bl vires G-B L=768±3mm; Black tape		3±3mm; Black Corruç	nm; Black Corrugated tube Ø5 JIG:			Insertion jig with switch cover Insertion jig COUNTIES		
1		P1	Table Lay-out	Black Corrugated tube Ø5 L=316±3mm (No slit) Connector 6098-2220 (W) / Connector Tray Black Corrugated tube Ø5 L=341±3mm (No slit) Inserion jig A	AVSSf 0.3 oR L=713±30 AVSSf 0.3 v Y L=713±30	3mm vires	1	Safety Instruction Be sure to wear prescribed persons protective equipme during operation (gloves, finger cots etc.) Housekeeping 1. Maintain and alwa practice 5's. 2. Personal things the workplace is prohibited. Keep it your locker. Alert level For any trouble, inforthe Assembly Assistant Superviso Line Leader for immediate correcti action.	1. No miss 2. No exce	ocument reference to WI-PRO-CNC-0 Length Tolerance ing parts/tools ss parts/tools	17 for Wire	
	- 1			Revision History				Prepared by	Reviewed by	Approved by	Noted by	
01/27/25			process 2-6 from Offline and propertion/Quality checkpoint.	ocess 10-11 from P2 due to process improvement	ent. Improved Table lay-out and	D.Castillo C.Villanu	ev A. Arañes	n/a				
09/12/23	1	Change p	ourpose from pre launch to mass	s pro. Additional of table lay-out		A.Hernand ez J.Loterte	e C.Villanuev a A.	Arañes	,/ / • #	Alax		
08/02/23		Initial issu	e.			D.Castillo J.Loterte	e C.Villanuev a A.	Arañes D. Castillo	C. Villanueva	A. Arañes	n/a	
Eff. Date Re	v. No			Details of Change		Revised Reviewe	ed Approved N	oted Est. Date:	August 02, 2023			





WORK INSTRUCTION Effectivity Date: January 27, 2025 Process Name/Title: TAPING ASSEMBLY PROCESS Validity Date: n/a											
		Process Name/Title:			BLY PROC	CESS	Validity Date:		n/a		
		Model code/Part number:	700B / 7N0099-7020	Customer	TRJ	Car Model: Toyota-Land Cruiser	Document No.:		WI-ENG-PDE-71	6A	
		Purpose:	PROTOTYPE	PRE-LAUNG	СН	MASSPRO	Revision No.:	2	Page No.:	3 of 10	
PARTS:		Sf 0.3 Y L=713±3mm Sf 0.3 OR L=713±3mm					JIG:	Insertion jig with switch cover			
NO.	F	PROCESS NAME	WORK P	ROCEDUR	E/ ILLUSTR	ATION	TOOLS/PPE	(QUALITY POIN	ΓERS	
3	<u>/:</u>	Wire insertion to connector 6098-2220 (W)		MINAL FACI	2. Press the for OR wired 4. After inser and then hold			Importa 1. Pleas 2. Make inserted Conduct inserted Do not e Docume 1. Refer Pull-Pus 2. Refer	g insertion one insertion rm terminal g wire facing ant reminders/Not be hold the wire no sure wires are p d. but Pull-Push-Pull-I	ear terminal. roperly Push after 029 for 017 for	

			WORK IN	STRUCTION		Effectivity Date:		January 27, 20	25
		Process Name/Title:	TAPIN	NG ASSEMBLY PRO	OCESS	Validity Date:		n/a	
		Model code/Part number:	700B / 7N0099-7020	Customer: TRJ	Car Model: Toyota-Land Cruiser	Document No.:		WI-ENG-PDE-7	16A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	4 of 10
PARTS:	1. Assy	parts				JIG:	1. Locking jig		
NO.	F	ROCESS NAME	WORK	PROCEDURE/ ILLUS	TRATION	TOOLS/PPE		QUALITY POIN	TERS
		2	CONNECTOR RETA	AINER ILLUSTRATI	1.Check the Retainer loo insertion to locking jig.	1.Check the Retainer lock of connector before insertion to locking jig. Note: Must be NO half-locked condition prior			ector hit by any king jig to avoid lding of wire to serted to g before locking ctor. ck connector.
4	P1	Connector lock	connector touch the sensor. Sound wil	and insert into connector lo			1. Incoral alarm to 2. No reprocee 3. If end and import the I	etainer in connect d. countered abnom mediately CALL to leader. WAIT for fu tion and continue	ocess will tor cannot ality, STOP he attention urther



		January 27, 20	25							
		Process Name/Title:	TAPIN	IG ASSEMBLY PRO	CESS	Validity Date:		n/a		
		Model code/Part number:	700B / 7N0099-7020	Customer: TRJ	Car Model: Toyota-Land Cruis	er Document No.:		WI-ENG-PDE-71	6A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	5 of 10	
PARTS:	1. Assy	parts				JIG:	1. Locking	jig		
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUST	RATION	TOOLS/PPE		QUALITY POINTERS		
		2	HOLD THE HANDLE		jig using right and bring bad	ndle of the connector locking hand then gently pull down k to original position after Pull down one time only.	lock/retain object pric half-lock of 2. Maintain connector 3. Connector 4. Make su process. 5. No wron 6. No dam	or must be fully installed. The state of th	hit by any king jig to avoid ding of wire to serted to g before locking etor.	
4	P1	Connector lock (Continuation)	SLIDE STEP 1	STEP 2	left hand b	the locked connector using ased on the illustration, direction of arrow.	Imp 1. Incor alarm ti 2. No re proceed 3. If end and imi	etainer in connect d. countered abnome mediately CALL the eader. WAIT for fu tion and continue	Note/s: ocess will or cannot ality, STOP ne attention orther	
				STEP 1 R	2	5. Ensure that connector is in locked condition by slide touching the connector lock based on the sequence illustrated.				



			WORK INST	RUCTION		Effectivity Date:		January 27, 202	25		
		Process Name/Title:	TAPING	S ASSEMBLY PROC	ESS	Validity Date:		n/a			
		Model code/Part number:	700B / 7N0099-7020	Customer: TRJ	Car Model: Toyota-Land Cruiser	Document No.:		WI-ENG-PDE-71	6A		
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	6 of 10		
PARTS:	1. Assy 2.Black	parts Corrugated Tube Ø5 L=316±	:3mm (No Slit)	3. Black Corrugated Tube 4. Black SV tube (Vinyl) Ø		JIG:	JIG: n/a				
NO.	F	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION			TOOLS/PPE	QUALITY POINTERS				
5	<u>/</u> :	Wire insertion to Black Corrugated tube Ø5 L=316±3mm (No slit)	L		1.Get the Black COT Ø5 L=316±3mm (No slit) using right hand and insert Y-OR wires using left hand.			g use of parts med terminal			
6	<u>/</u>	Wire Insertion to Black Corrugated tube Ø5 L=165±3mm (No Slit)	L	- (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1.Get the Black Corrugated Tube Ø5 L=165±3mm (No Slit) using right hand then insert Y-OR wires using left hand.	N/A	1. No wron 2. No defoi	g use of parts med terminal			
7		Wire insertion to Black SV tube (Vinyl) Ø5 L=188±3mm	L	R	1.Get the Black SV tube (Vinyl) Ø5 L=188±3mm using right hand and insert Y-OR using left hand.			g use of parts med terminal			

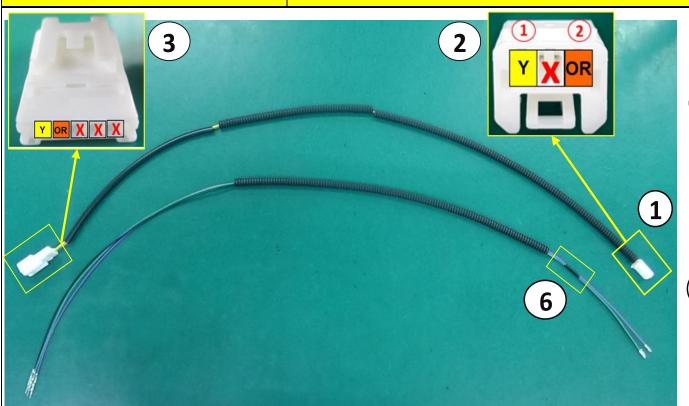
				STRUCTION		Effectivity Date:		January 27, 20	25
		Process Name/Title:		NG ASSEMBLY PROC		Validity Date:		n/a	
		Model code/Part number:	700B / 7N0099-7020	Customer: TRJ	Car Model: Toyota-Land Cruiser	Document No.:		WI-ENG-PDE-71	6A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	7 of 10
PARTS:	1. Conn	ector 6098-3802 (W)				JIG:	1. Insertion	jig	
NO.	F	ROCESS NAME	WORK	PROCEDURE/ ILLUSTR	RATION	TOOLS/PPE	(QUALITY POIN	TERS
8	P1	Connector setting 6098-3802 (W)	Press the Lock of insertion jig using left hand. 3	INSERTION ORIENTAT Lock Lock 2. Get the connector 6098-38 to insertion jig. Release the local connector for yellow wire will and. Slot for yellow wire will	CONNECTOR ORIENTATION CONNECTOR ORIENTATION Release R 802 (W) using right hand and insert ock after insertion.		I-mark align I-mark is align CCC GOOD 1. Use the 2. No wron 3. No wron 3. No wron 3.	NG NG NG	1 Hole is open 1 Hole is open ATION 5668 (W)



			WORK INS	STRUCTION		Effectivity Date:		January 27, 202	5
		Process Name/Title:	TAPIN	NG ASSEMBLY PRO	OCESS	Validity Date:		n/a	
		Model code/Part number:	700B / 7N0099-7020	Customer: TRJ	Car Model: Toyota-Land Cruiser	Document No.:		WI-ENG-PDE-716	SA .
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	8 of 10
PARTS:	1. Ass	y parts				JIG:	1. Insertior	n jig	
NO.		PROCESS NAME	WORK	PROCEDURE/ ILLUS	TRATION	TOOLS/PPE	(QUALITY POINT	ERS
9	P1	Wire insertion to connector 6098-3802 (W)	1. Get the assy part and hold the Y wi insert to terminal slot 1 using right han	R 2. After ins using right	ertion of Y wire press the button thumb. Slot for OR wire will be	N/A	3. One by 4. No defo 5. No wron Importa 1. Pleas 2. Make inserted Conductinsertion Do not	ng insertion one insertion rm terminal ng wire facing ant reminders/Note see hold the wire ne e sure wires are pr d. ct Pull-Push-Pull-Pon. exert extra force.	ar terminal. operly
			3. Get the OR wire then insert to term slot 2 using right hand.	and then hol	rtion, push the lock using left thumb d the wires and gently pull out the principal using right band		1. Refer Pull-Pu 2. Refer	ent references: r to GL-PRO-ASY-(sh procedure. r to WI-PRO-CNC-(d Strip Length Tol)17 for

				STRUCTION		Effectivity Date:	January 27, 2025		
		Process Name/Title:		NG ASSEMBLY PRO		Validity Date:	n/a		
		Model code/Part number:	700B / 7N0099-7020	Customer: TRJ	Car Model: Toyota-Land Cruiser	Document No.:	WI-ENG-PDE-716A		
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2 Page No.: 9 of 10		
	1. Assy 2. Blac	parts k corrugated tube ø5 L=34°	1±3mm (No Slit)	3. Black tape		JIG:	1. Terminal cover jig		
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUSTR	RATION	TOOLS/PPE	QUALITY POINTERS		
10	1. Combine the assy parts then align all terminals. Spot taping Start of taping 3. Get the Black tape using right hand then conduct 2 windings of spot taping using both hands.			2. Conduct measurem tip 120±3mm using bo	120±3mm 4 5 6 7 8 ment from wires to terminal pointed oth hands. 100±3mm 3 4 5 6 7 8 9 FR The measurement and taping		Wire alignment tolerance 0 - 1 mm Important reminders/Note/s: 1. Please use calibrated/verified measuring tape when getting the measurement. 1. No flip-out tape 2. No peel-off tape 3. No loose tape 4. No missing tape 5. No wrong use of tape 6. No wrong dimension 7. No insufficient tape		
11		Wire insertion to Black corrugated tube ø5 L=341±3mm (no slit)	1. Hold the wires using left hand, get the terminal cover jig using right hand then insert the B-G-V wires	2. Get the corrugated tube ø5 L=341±3mm (no slit) using right nand then insert the B-G-V wires using left hand.	3. After insertion, remove the terminal cover jig using right hand.	Terminal cover Jig	No wrong insertion No deformed terminal		

	Process Name/Title:	Effectivity Date: Validity Date:	January 27, 2025 n/a					
	Model code/Part number:	700B / 7N0099-7020	Customer: TRJ Car Model: Toyota-Land Cruise		Document No.:	WI-ENG-PDE-716A		
	Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	2	Page No.:	10 of 10
PARTS: 1. Assy p	parts	VI	ISUAL INSPECTION/ QU	JALITY CHECKPOINTS	JIG:	n/a		
TAP	ING - P	1	7	7N0099-	7020			



- 1 No Unlocked/ Half-locked connector
- 2 3 No Wrong Insert
- **4** No Deformed terminal
- 5 No Terminal backing out
- 6 No Missing Tape
- **7** No Missing parts