				WC	ORK INST	RUCTION				Effectivity Date:		July 18, 2024		
			Process Name/Title:		TAPING	ASSEMBLY PR	OCESS			Validity Date:		n/a		
			Model code/Part number:	178D / 7N0129-7	7021A	Customer: TRJ	Car Model	TOYOT	A-COROLLA	Document No.:		WI-ENG-PDE-4	63A	
			Purpose:	PROTOTYPE		PRE-LAUNCH	MASS	PRO		Revision No.:	4	Page No.:	1 of 10	
PARTS:	D .	Corruga L=512±		66 (GR); AVSSf 0.3 wires Y-OR L=384±2mm; Black Corrugated tube Ø7 L=2 n (no slit); Connector 6189-0451 (W); MRSW CP TVSSf 0.3 G-B/W L=822±3 [1pc.] WORK PROCEDURE/ ILLUSTRATIO			.=822±3mm; B			JIG:	2. Lockir 3. Termi	on jig with switch co g jig nal cover jig QUALITY POIN		
				Connector 6188- 0066 (GR)/ Connector tray		Corrugated tube 212±3mm (no slit) Black Corrug ø7 L=116±3m		045	ctor 6189- i1 (W)/ ector tray	Safety Instruct Be sure to weal prescribed persor protective equipm during operatior (gloves, finger coetc.)	Docum	nent references. to WI-PRO-CNC-0 ngth Tolerance. to WI-PRO-KIT-00	17 for Wire and	
1		P1	Table Lay-out	AVSSf 0.3 wires Y L=384±2mm AVSSf 0.3 wires OR MRSW CP B/W L=8.					ugated tube mm (no slit)	Housekeepin 1. Maintain and alw practice 5's. 2. Personal things the workplace is prohibited. Keep i your locker.	without ays on 2. No exi	without Vinyl Tube 1. No missing parts/tools 2. No excess parts/tools		
				Insertion	Lockin	Termina	I cover jig		k tape/ holder	Alert level For any trouble, inf the Assembly Assis Supervisor or Lir Leader for immedi corrective action	tant e ate			
				Revision	n History					Prepared by	Reviewed by	Approved by	Noted by	
07/18/24	4	Inclusion	of car model "TOYOTA-COROL	LLA". Improved visual inspection/quali	ity checkoints.		D.Castillo	o.viiianuev a	A. Arañes	N/A				
01/16/23	3			b L= 212±3mm due to encountered pe	-		Catapang	J. Loterte	C. Villanueva	Arañes				
09/15/22	2	Change of		es and references in process no.1,3,6, to terminal pointed tip 26+3mm/-3mm				J. Loterte	C. Villanueva	Arañes Jatulo	South) How			
04/13/22	1	Change of	ocument purpose from Pre-laur	nch to masspro.			M. Catanang	J. Loterte	Villanueva A. A	Arañes D. Castillo	C. Villanueva	A. Aranes	n/a	
Eff. Date	Rev. No			Details of Change			Revised	Reviewed	Approved N	loted Est. Date:	April 12, 2022			

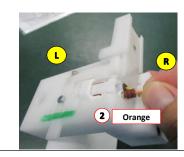
				NSTRUCTION		Effectivity Date:	T	July 18, 2024	
		Process Name/Title:		ING ASSEMBLY PRO	CESS	Validity Date:		n/a	
		Model code/Part number:	178D / 7N0129-7021	A Customer: TRJ	Car Model: TOYOTA-COROLLA	Document No.:		WI-ENG-PDE-46	3A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	2 of 10
PARTS:	1. Coni	nector 6188-0066 (GR)				JIG:	1. Insertion	/er	
NO.	F	PROCESS NAME	WORK	K PROCEDURE/ ILLUSTF	RATION	TOOLS/PPE	QUALITY POINTERS		
2	P1	Connector setting to insertion jig 6188-0066 (GR)	Insertion jig with switch cover Orange wire Yellow wire Visual reference 1. Press the lock using left thumb.	INSERTION JG ORIENTATION 2. Get the connector 6188-00 to insertion jig. Release the lo Note: Follow the connector Hole 3. Push	CONNECTOR ORIENTATION CONNECTOR ORIENTATION Release O66 (GR) using right hand and insert ock after insertion. To orientation. The lower wire guide upward using hb. Slot for Yellow wire will be	n/a	I-mark not aligned as the second seco	ONNECTOR ORIEN ILLUSTRATIO k is n GOOD is	hole is open les are open odel nnector

		Ī	WORK INSTR	RUCTION		Effectivity Date:	1	July 18, 2024	1	
		Process Name/Title:		ASSEMBLY	PROCESS	Validity Date:		n/a		
		Model code/Part number:	178D / 7N0129-7021A	Customer: Th		Document No.:		WI-ENG-PDE-4	63A	
		Purpose:		PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	3 of 10	
		'					1	<u>'</u>		
PARTS:	1. AVS	Sf 0.3 wires Y-OR L=384±2	2mm	JIG:	1. Insertior	Insertion jig with switch cover				
NO.	ı	PROCESS NAME	WORK PR	OCEDURE/ ILL	LUSTRATION	TOOLS/PPE	QUALITY POINTERS			
3	P1	Wire insertion to connector 6188-0066 (GR)	1. Hold the insertion jig using left hand. Gethe Yellow wire then insert to terminal slot 1 using right hand. 2 Orange R 3. Get the Orange wire then insert to terminal slot 2 using right hand.	4. After and th	WIRE FACING 2. Press the button using right thumb. The slot for Orange wire will be opened. The slot for Orange wire will be opened. Press er insertion, push the lock using left thumb nen hold the wires and gently pull out the actor from jig using right hand.		3. One by 4. No defo 5. No wron 1. Please 1. 2. Make st Conduct P Do not exe Docume. 1. Refer to Push proced. 2. Refer to 2. Refer to 2. Refer to 2. Refer to 3. Refer to 3. Refer to 4.	ing insertion one insertion one insertion one insertion or insertion o	terminal. perly inserted. sh after insertion. 9 for Pull-	

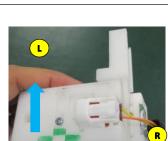
	_		WORK INS	TRUCTION		Effectivity Date:		July 18, 2024			
		Process Name/Title:		G ASSEMBLY PR	OCESS	Validity Date:	n/a				
		Model code/Part number:	178D / 7N0129-7021A	Customer: TRJ	Car Model: TOYOTA-COROLLA	Document No.:		WI-ENG-PDE-46	3A		
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	4 of 10		
PARTS: 1. Black Corrugated tube ø7 L= 212±3mm (no slit) 2. Black Corrugated tube ø7 L= 116±3mm (no slit) 3. Assy parts JIG: 1. Insertion jig											
NO.	F	PROCESS NAME	WORK F	PROCEDURE/ ILLUS	TRATION	TOOLS/PPE	QUALITY POINTERS				
4		Wire insertion to COT (no slit) Ø7 L= 212±3mm (1ST) Ø7 L= 116±3mm (2ND)	1. Hold the wires using left hand. Get Corrugated tube (no slit) ø7 L=212± using right hand then insert the Y-OR using left hand.	2±3mm Corrugated tube (no slit) ø7 L=116±3mm			No wrong use of parts No deformed terminal				
5	P1	Connector setting to insertion jig 6189-0451 (W)	Visual reference Guide	Button			No wronNo wron	provided jig per m ng orientation of co ng use of connector aged connector	nnector		

WORK INSTRUCTION Effectivity Date: Process Name/Title: TAPING ASSEMBLY PROCESS Validity Date: Model code/Part number: 178D / 7N0129-7021A Customer: TRJ Car Model: TOYOTA-COROLLA Document No.: Purpose: PROTOTYPE PRE-LAUNCH MASSPRO Revision No.:	n/a WI-ENG-PDE-463A 4 Page No.: 5 of 10 1. Insertion jig
Model code/Part number: 178D / 7N0129-7021A Customer: TRJ Car Model: TOYOTA-COROLLA Document No.: Purpose: □ PROTOTYPE □ PRE-LAUNCH ■ MASSPRO Revision No.:	4 Page No.: 5 of 10 1. Insertion jig
	1. Insertion jig
PARTS: 1. Connector 6189-0451 (W) JIG:	
NO. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION TOOLS/P	E QUALITY POINTERS
Connector setting to insertion jig 6189-0451 (W) (Continuation) 2. Get the connector 6189-0451 (W) using right hand and insert to insertion jig. Release the lock after insertion. Note: Pollow the connector orientation. 1. Press the lock using left thumb. 2. Get the connector 6189-0451 (W) using right hand and insert to insertion jig. Release the lock after insertion. Note: Pollow the connector orientation. 1. Press the lock using left thumb. 1. Press the lock using left thumb. 2. Get the connector 6189-0451 (W) using right hand and insert to insertion jig. Release the lock after insertion. 1. Press the lock using left thumb. 2. Get the connector orientation.	CONNECTOR ORIENTATION ILLUSTRATION I-mark is align 1 hole is open 1. Use the provided jig per model 2. No wrong orientation of connector 3. No wrong use of connector 4. No damaged connector

			WORK INSTRU	JCTION		Effectivity Date:		July 18, 202	4
		Process Name/Title:	TAPING A	ASSEMBLY PROC	CESS	Validity Date:		n/a	
		Model code/Part number:	178D / 7N0129-7021A	Customer: TRJ	Car Model: TOYOTA-COROLLA	Document No.:		WI-ENG-PDE-4	63A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	6 of 10
PARTS:	1. Ass	y parts				JIG:	1. Insertio	n jig	
NO.		PROCESS NAME	WORK PRO	CEDURE/ ILLUSTR	RATION	TOOLS/PPE		QUALITY POIN	TERS
			1 Yellow	WI	IRE FACING		2. No wro 3. One by 4. No defo 5. No wro	se insertion ng insertion one insertion ormed terminal ng wire facing	
			R		Press		1. Please	ant reminders/Ne hold the wire near	r terminal.
6	P1	Wire insertion to connector 6189-0451 (W)	Hold the insertion jig using left hand. Get the Yellow wire then insert to terminal slot 1 using right hand.	2. Press The slo	ss the button using right thumb. tt for Orange wire will be opened.	n/a	Conduct insertion.	sure wires are pro Pull-Push-Pull-Pu kert extra force.	



3. Get the **Orange wire** then insert to terminal slot **2** using right hand.



4. After insertion, push the lock using left thumb and then hold the wires and gently pull out the connector from jig using right hand.

Press

Document references:

1. Refer to **GL-PRO-ASY-029** for Pull-Push procedure.

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			WORK INS			Effectivity Date:		July 18, 2024	
		Process Name/Title:	TAPIN	G ASSEMBLY PRO	OCESS	Validity Date:		n/a	
		Model code/Part number:	178D / 7N0129-7021A	Customer: TRJ	Car Model: TOYOTA-COROLLA	Document No.:		WI-ENG-PDE-46	3A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	7 of 10
PARTS:	1. Assy 2. MRS	parts W CP TVSSf 0.3 G-B/W L	=822±3mm 3. Black Corrugated tube ø7 L=512±5mm (no slit)			JIG:	Locking jig Terminal cover jig		
NO.	Р	ROCESS NAME	WORK F	PROCEDURE/ ILLUS	TRATION	TOOLS/PPE	QUALITY POINTERS		
7		Connector lock	Put the connector into locking jig using hand then press 2x. Touch the connect properly locked.		re pressing After pressing		2. No unlo 3. No dama Importal 1. MANUA	provided locking ji ck/half-locked conr aged lock nt reminders/No NL LOCKING MAY D CONNECTOR	ote/s:
8	P1	Wire insertion to Black Corrugated tube (no slit) ø7 L=512±5mm	L	R 2. Get using I	the terminal cover jig using right hand sert to both terminals (G-B/W wires) ight hand. the corrugated tube ø7 L=512±5mm right hand then insert the G-B/W wires eft hand.		2. No dama	ng usage of parts aged rubber seal ent references: D WI-PRO-CNC-01 Length Tolerance.	

	WORK INSTRUCTION Effectivity Date: July 18, 2024											
		Process Name/Title:		IG ASSEMBLY PR	ROCESS		Validity Date:		n/a	-		
	H	Model code/Part number:	178D / 7N0129-7021A	Customer: TRJ	Car Model:	TOYOTA-COROLLA	Document No.:		WI-ENG-PDE-46	33A		
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPE	RO	Revision No.:	4	Page No.:	8 of 10		
PARTS:	1. Assy 2. Black	parts k tape			JIG:							
NO.	F	PROCESS NAME	WORK F	PROCEDURE/ ILLU:	STRATION		TOOLS/PPE	(TERS			
9		Taping 1 Black corrugated tube to wire near PCB	25±3mm 25±3mm 51±3mm	1. He hand cond hand	Hold the assy parts und, get Black tape the duct pre-taping usinds.	ement of 25±3mm o to end of COT aping process using and of COT up to wires 51±3mm taping process	Measuring tape 6 7 8 9 10 1 2 3 4 5 6 7 8 9 1	Importa 1. Plea measu Docum 1. Refe taping 1. No flip-c 2. No peel 3. No loose 4. No miss 5. No wor	tant reminders and use use calibrated/uring tape when getrement. The state of the	d Note/s: /verified etting the		

				WORK INSTRUCTION		Effectivity Date:		July 18, 2024	<u> </u>
		Process Name/Title:		TAPING ASSEMBLY PROG	CESS	Validity Date:		n/a	
		Model code/Part number:	178D / 7N012	29-7021A Customer: TRJ		Document No.:		WI-ENG-PDE-46	53A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	9 of 10
PARTS:	1. Assy 2. Black					JIG:	n/a		
NO.	PROCESS NAME		WORK PROCEDURE/ ILLUSTRATION			TOOLS/PPE	QUALITY POINTERS		
9	P1	Taping 1 Black corrugated tube to wire near PCB (Continuation)	7 8 9 40	1mi PCI	3 4 R	6789 1123456789	1. Pleameasumeasumeasumeasumeasumeasumeasumea	off tape e tape	/verified etting the

		WORK I	NSTRUCTION		Effectivity Date:		July 18, 2024	l .					
	Process Name/Title:	TAP	ING ASSEMBLY PRO	Validity Date:									
	Model code/Part number:	178D / 7N0129-7021	A Customer: TRJ	Car Model: TOYOTA-COROLLA	Document No.:	WI-ENG-PDE-463A							
	Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	4	Page No.:	10 of 10					
PARTS: 1. Ass	y parts	<u> </u>	/ISUAL INSPECTION/ Q	UALITY CHECKPOINTS	JIG:	n/a							
P1													
	3				20								







2 3 No Wrong Insert

- 4 No Missing Tape
- 5 No Terminal Backing Out

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GOOD

NO GOOD