NDA			WORK INSTRUCTION								ivity Date:			July 10, 2024	ı
			Process Name/Title:		MP ASSEMBL					Validi	ty Date:			n/a	
	- 1		Model code/Part number:	010B / 7L0033-7024	Customer:	TRQSS	Car Model:	TOYO	TA-CAMRY	Docu	ment No.:		,	WI-ENG-PDE-9	38
			Purpose:	PROTOTYPE	PRE-LAUNCH		MASSI	PRO		Revis	ion No.:	0		Page No.:	1 of 9
PARTS:			·	020); Clamp 82711-52090 (W); Clam	-			.]			JIG:	1. Clar		embly jig	
NO	١.	P	ROCESS NAME	WORK	PROCEDURE/	ILLUSTRA	ATION				TOOLS/PPE		QU	ALITY POIN	TERS
1	Label (7V2080-0020)/ Label dispenser Clamp 82711-52090 (W)/ Connector tray Label (7V2080-0020)/ Label dispenser Clamp 82711-16820 (BR)/ Connector tray Clamp 82711-16820 (BR)/ Connector tray For arthe As Sup assembly jig							afety Instruction Be sure to wear rescribed personal things of the workplace is rescribed personal rescribed	Do 1. For Tap	efer to I	nt reference/ WI-ENG-PDE-I emmbly proces parts/tools parts/tools	065A-C for			
				Revision History						1	Prepared by	Reviewed b	,	Approved by	Noted by
											,,				,
07/10/24	0	Initial issu	ie. Senarate clamn assembly to	Clamp assembly process			D.Castillo	C.Villanueva	A. Arañes	n/a	D. Castillo	South Hou			AV/o
07/10/24 0 Initial issue. Separate clamp assembly to Clamp assembly process. D.Castillo C.Villanueva A. Arañes n/a O. Castillo C.Villanueva A. Arañes N/A Eff. Date Rev. No Details of Change Revised Reviewed Approved Noted Est. Date: July 10, 2024								N/A							



			WORK IN:	STRUCTION			Effectivity Date:		July 10, 2024		
		Process Name/Title:	CLAN	MP ASSEMBLY PROCI	ESS		Validity Date:		n/a		
		Model code/Part number:	010B / 7L0033-7024	Customer: TRQSS	Car Model: T	OYOTA-CAMRY	Document No.:		WI-ENG-PDE-93	38	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO)	Revision No.:	0	Page No.:	2 of 9	
PARTS:	1. Clam 2. Clam	p 82711-52090 (W) [3pcs] p82711-16820 (BR) [2pcs]		3. Black tape			JIG:	1. Clamp Assembly Jig			
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUSTRA	ATION		TOOLS/PPE	QUALITY POINTERS			
2	CLAMP			20 (BR) using both hands then so	82711-1682(BR) set to clamp locuset to clamp locus	eation 5, 4, and 3	n/a	Importal 1. Please before st wrong us 1. No wron 2. No dam. 3. No wron 4. No wron 6000	one wind for under the reminders/Note the Clamp the of clamp and clamp the control of the clamp and clamp	ote/s: ofirst o avoid	



			WORK INS	TRUCTION			Effectivity Date:		July 10, 2024	1
		Process Name/Title:	CLAMI	P ASSEMBLY PROC	ESS		Validity Date:		n/a	
		Model code/Part number:	010B / 7L0033-7024	Customer: TRQSS	Car Model: TOYO	TA-CAMRY	Document No.:		WI-ENG-PDE-9	38
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO		Revision No.:	0	Page No.:	3 of 9
PARTS:	1. Assy	parts				JIG:	1.Clamp As	sembly jig		
NO.	F	ROCESS NAME	WORK P	ROCEDURE/ ILLUSTRA	ATION		TOOLS/PPE	QUALITY POINTERS		
3	CLAMP	Clamp Assembly	6 COLOR SENSOR FOR LABEL ONL	jig. (See above picture for cixture for continuity checking. Last, set that intinue if the sequence light in t	CLAMP ON was ON.	connector set, set the connector to 6189-11 melted wires togeth. If encountered a	CONNECTOR SETTING COLOR SENSOR RWHITE TAPE ONLY SETTING Or 6188-0066 (GR) to 161 (B) to Checker 2 ether within the stopper	1. Make s jig and Po 2. Make 2 1. No loose 2. No dama 3. No miss 4. No miss	e/tight clamp attac age clamp ed tape ing parts ure no clearance b	een stopper slamp taping hed



			WORK INS	Effectivity Date:		July 10, 2024				
		Process Name/Title:	CLAN	MP ASSEMBLY PROC	ESS		Validity Date:		n/a	
		Model code/Part number:	010B / 7L0033-7024	Customer: TRQSS	Car Model:	TOYOTA-CAMRY	Document No.:		WI-ENG-PDE-9	38
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPE	RO	Revision No.:	0	Page No.:	4 of 9
PARTS:	1. Assy	parts					JIG:	1. Clamp As	ssembly Jig	
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUSTR	ATION		TOOLS/PPE	QUALITY POINTERS		
3	CLAMP	Clamp Assembly (Continuation)	STOPPER COLOR SENSOR FOR LABEL ONLY 3. Initially tighten the band clamp on hands. 4. Get the bando gun using right har location 1 using both hands. Press t Continue if the sequence light on clamp cutter depends on the size of the COT/Vinyl tube. For: ø5 - 1~2, ø7 - 3~4	82711-52090 (W) 2 SW BUTTON 6 CHECKER 2 In location 1 and 2 using both and then cut the band clamp of the SW button after cut.	82711-1		BANDO GUN	1. Make jig and F 2. Make 2 1. No loose 2. No dam 3. No miss 4. No miss 5. Make su and stoppe	2-3 windings for one clight clamp attackage clamp ed tape ing parts are no clearance ber jig BANDO GUN ILLUSTRA	een stopper clamp taping hed etween PCB



			WORK II	NSTRUCTION		Effectivity Date:		July 10, 2024	
		Process Name/Title:	CLA	MP ASSEMBLY PROC	ESS	Validity Date:		n/a	
		Model code/Part number:	010B / 7L0033-7024	Customer: TRQSS	Car Model: TOYOTA-CAMRY	Document No.:		WI-ENG-PDE-9	38
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	5 of 9
PARTS:	1. Assy	parts ; Clamp 82711-52090	(W) ; Clamp82711-16820 (BR) ; Black tap	pe;Label (7V2080-0020)/Label disp	JIG:	1. Clamp As	ssembly Jig		
NO.	P	ROCESS NAME	WORK	K PROCEDURE/ ILLUSTR/	ATION	TOOLS/PPE	QUALITY POINTERS		
3	CLAMP	Clamp Assembly (Continuation)	5. Cut the band clamp on location SW button after cut. Continue if t location 3 was ON.	SW BUTTON CHECKER 2 2 using both hands. Press the	CONNECTOR SETTING CONNECTOR SETTING CONNECTOR SETTING FIXEd Setting of band clamp cutter: 3 ~ 4 BANDO GUN PERPENDICULARITY OK NG		1. Make s jig and Po 2. Make 2 1. No loose 2. No dam 3. No miss 4. No miss 5. Make st and stoppe	e-3 windings for cale e/tight clamp attack age clamp ed tape ing parts ure no clearance be er jig BANDO GUN ILLUSTRAT	en stopper lamp taping ned etween PCB



				STRUCTION		Effectivity Date:		July 10, 2024	
JE		Process Name/Title:		IP ASSEMBLY PROCE		Validity Date:		n/a	
		Model code/Part number:	010B / 7L0033-7024	Customer: TRQSS	Car Model: TOYOTA-CAMRY	Document No.:		WI-ENG-PDE-9	38
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	6 of 9
PARTS:	1. Assy	parts; Clamp 82711-52090 (V	V); Clamp82711-16820 (BR); Black tape	;Label (7V2080-0020)/Label dispe	enser	JIG:	1. Clamp As	ssembly Jig	
NO.	Р	ROCESS NAME	WORK	PROCEDURE/ ILLUSTRA	TION	TOOLS/PPE	(QUALITY POIN	TERS
3	CLAMP	Clamp Assembly (Continuation)	STOPPER COLOR SENSOR FOR LABEL ONLY SW BUTTON FOR LABEL ONLY 6. Hold the Black tape on clamp I start taping using both hands. Mathe tape. Press the SW button at sequence light on location 4 was 7. Hold the Black tape on clamp I start taping using both hands. Mathe tape. Press the SW button at sequence light on location 5 was 8. Hold the Black tape on clamp I start taping using both hands. Mathe tape. Press the SW button at attachment (Refer to next page for the sequence light on location 1 was attachment (Refer to next page for the sequence light on location 2 was attachment (Refer to next page for the sequence light on location 3 was attachment (Refer to next page for the sequence light on location 4 was attachment (Refer to next page for the sequence light on location 4 was attachment (Refer to next page for the sequence light on location 4 was attachment (Refer to next page for the sequence light on location 4 was attachment (Refer to next page for the sequence light on location 4 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page for the sequence light on location 5 was attachment (Refer to next page	Cocation 3 using right hand then take 3 windings of tape then cutter taping. Continue if the ON. Cocation 4 using right hand then take 3 windings of tape then cutter taping. Continue if the ON. Cocation 5 using right hand then take 3 windings of tape then cutter taping. Continue if the ON.	9. For label attachment, color sensor will light if detects the label code. After attachment, press the SW button using both index finger (same timing). Go sound will be heard.	CONNECTOR SETTING	1. Make jig and F 2. Make 2. Make 2. No loose 2. No dam 3. No miss 4. No miss	2-3 windings for a e/tight clamp attach age clamp sed tape sing parts ure no clearance be	een stopper clamp taping hed



	_		WORK INST	RUCTION		Effectivity Date:		July 10, 2024	
		Process Name/Title:		P ASSEMBLY PRO	OCESS	Validity Date:		n/a	
		Model code/Part number:	010B / 7L0033-7024	Customer: TRQS		Document No.:		WI-ENG-PDE-93	38
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	7 of 9
PARTS:	1. Assy 2. Label	parts 7V2080-0020		JIG: 1. Clamp Assembly jig					
NO.	F	PROCESS NAME	WORK PI	ROCEDURE/ ILLUST	FRATION	TOOLS/PPE	C	QUALITY POINT	ΓERS
4	CLAMP	Label attachment	Model Item No Item Name 71.0030 73230-06750 Passenger Manual 71.0031 73230-06740 Driver Manual 71.0032 73230-06820 Passenger Power 71.0033 73230-06760 Driver Power 2. Align the end probable in the jig. 4. Align both end part of label . 6. Press the label upside down using finger.	Item no. &	Get the label. te: Check the model code, item & name	n/a	5. No missi 6. No loose	age off g use of label	



			WORK INS					Effectivity Date:		July 10, 2024	
		Process Name/Title:		P ASSEMBL				Validity Date:		n/a	
		Model code/Part number:	010B / 7L0033-7024	Customer:	TRQSS	Car Model:	TOYOTA-CAMRY	Document No.:		WI-ENG-PDE-93	88
		Purpose:	PROTOTYPE	PRE-LAUNCH		MASSPI	RO	Revision No.:	0	Page No.:	8 of 9
PARTS:	1.Assy F							JIG:	n/a		
NO.	P	ROCESS NAME	WORK F	ROCEDURE/	ILLUSTRA	ATION		TOOLS/PPE	(QUALITY POINT	ERS
								MEASURING TAPE 6 7 8 9 10 1 2 3 4 5 6 7 8 9 1	1. Pleas measure measure	latsumono, Nakan	rerified ting the
5	CLAMP ASSY	Measurement	② 208±3 ③ 176±3 ② 31±3 ②	(5) 97 ±3 		0 103 ±3	® 177±3 760±5 ®	9 112 ±5 +5 10 0 0	1. Refer assembly Owarimo	nent reference/s to WI-PRO-ASY-03 y Hatsumono Naka ono Inspection	56 for Sub-
			NOTE:	FIGURE 1	_	(4) 85 ± 3 (5) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(t) 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COT φ7, no slit			

NBC (Philippines)
MASTER COPY

			WORK INST	RUCTION				Effectivity Date: July 10, 2024			ļ
		Process Name/Title:	CLAMF	P ASSEMBL	Y PROC	ESS		Validity Date:			
		Model code/Part number:	010B / 7L0033-7024	Customer:	TRQSS	Car Model:	TOYOTA-CAMRY	Document No.:		WI-ENG-PDE-9	38
		Purpose:	PROTOTYPE	PRE-LAUNCH		MASSPR	0	Revision No.:	0	Page No.:	9 of 9
PARTS:	1. Assy	/ Parts						JIG:	n/a		
	VISUAL INSPECTION/ QUALITY CHECKPOINTS										

(5)

1 No Deformed terminal

CLAMP ASSY

234 No MISSING TAPE

5 No Wrong orientation of **Bar code**

7L0033-7024

CONFIDENTIAL: Any misuse or misappropriation, including unauthorized copying, reproduction in any form, disclosure or publishing of this document or any information herein is strictly prohibited.

NBC (Philippines) **MASTER COPY**