		WORK INSTRUCTION							ctivity Date:		June 11, 2024		
			Process Name/Title:	CLAN	IP ASSEMBLY PR	OCESS		Vali	dity Date:		n/a		
	-1		Model code/Part number:	310B / 7M0521-7021	Customer: TRJ	Car Model:	TOYOTA-RAV	'4 Doc	ument No.:		WI-ENG-PDE-9	901	
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPE	RO	Rev	ision No.:	0	Page No.:	1 of 7	
PARTS:			·) (B); Clamp 82711-3A640 (B); Clamp 8	(// 1	,	/); Black Tape		JIG: 1. Clamp assembly jig				
NO) .	Р	ROCESS NAME	WORK	PROCEDURE/ ILLUS	STRATION			TOOLS/PPE		QUALITY POINTERS		
1		Clamp Assy	Table Lay-out	Clamp 82711- 48210 (B)/Clamp Tray Clamp 82711- 3A640 (B)/Clamp Tray Tape holder/Black Tape	Table Lay-o		Clamp 82711- 48070 (GR)/Clam Tray Clamp 82711 52090 (W)/Clamp Tra	np 1. 1. 2	Be sure to wear prescribed persons rotective equipme during operation (gloves, finger cots etc.) Housekeeping Maintain and alway practice 5's. Personal things the workplace is prohibited. Keep it your locker. Alert level or any trouble, infor e Assembly Assist Supervisor or Line, eader for immedia corrective action.	al 1. Refer Taping a s, 1. No miss 2. No excel ays on in Ng	sent reference/s to WI-ENG-PDE-4 ssembly process sing parts/tools ess parts/tools CLAMP ILLUSTRAT 82711-48210 (B CLAMP ILLUSTRATION REPRESENTATION 100 100 100 100 100 100 100 100 100 1	TION	
				Revision History					Prepared by	Reviewed by	Approved by	Noted by	
									., ., .,			,	
									$+$ α		1 CALL		
06/11/24	0	Initial Issu	ie.			D.Castillo ,	C. Villanueva A. Arañes	n/a	D. Castillo	C.Villanueva	A. Atenes	N/A	
Eff. Date	Rev. No			Details of Change			Reviewed Approved	Noted	Est. Date:	June 11, 2024	•		



			WORK INS	TRUCTION		Effectivity Date:		June 11, 202	:4
		Process Name/Title:	CLAM	IP ASSEMBLY PROC	CESS	Validity Date:	n/a		
		Model code/Part number:	310B / 7M0521-7021	Customer: TRJ	Car Model: TOYOTA-RAV4	Document No.:	WI-ENG-PDE-901		
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	2 of 7
PARTS: 2. CI		9 82711-48210 (B) 9 82711-3A640 (B) 9 82711-48070 (GR)		JIG:	1. Clamp A	1. Clamp Assembly Jig			
NO.	Р	ROCESS NAME	WORK I	TOOLS/PPE	QUALITY POINTERS				
	Clamp	Clamp Setting	Clamp Holder 1. Get the clamp 82711-3A640 (B) usi location 3 using both hands. 2. Get the clamp 82711-48070 (GR) usi location 4 using both hands. 3. Get the clamp 82711-52090 (W) usi location 5 using both hands.	82711-48210 (B) ang right hand and put to sing right hand and put to		ation 3, 4 and 5 using	1. No wron 2. No wron 3. No dam. Importa 1. Please of assem	g use of tape g clamp position aged clamp ant Reminders/ check the Clamp bly to avoid wrong TANDARD TAPING FO One wind for unde	first before start guse of clamp. DR CLAMP er tape N 82711-12A80 (W)

	_	T	WORK INS		Effectivity Date:	June 11, 2024				
		Process Name/Title:		MP ASSEMBLY PR	OCESS		Validity Date:	n/a WI-ENG-PDE-901		
	H	Model code/Part number:	310B / 7M0521-7021	Customer: TRJ		TOYOTA-RAV4	Document No.:			
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPR	0	Revision No.:	0	Page No.:	3 of 7
PARTS:	Assy parts Black tape						JIG:	1. Clamp Assembly Jig		
NO.	NO. PROCESS		WORK I	TOOLS/PPE	QUALITY POINTERS					
3	Clamp Assy	Clamp Assembly	CONNECTOR SETTING 1. Get the assy parts then put into jig. (correct setting). First, set the connecto Checker 1 then pull the checker fixture checking. Continue to set the harness connector (6189-1161) to Checker 2 the continuity checking. Last, set the end cover to wire together within the stopper then put clamp. Continue if the sequence light of ON.	(See above picture for or 6188-0066 (GR) to e for continuity in jig. Second, set the then push the lock for of G/BW hotmelted oress by Toggle	2. Check if all LE ON, WIRE1, WIR was ON. If encous STOP and immediate attention of the le	ED light for POWER RE2 and CLAMP ON untered abnormality, diately CALL the	n/a	Importa 1. Make s jig and ho 2. Make 2 taping.	ant reminders/sure no gap between the determinates 2-3 windings for cl	een stopper

				STRUCTION	Effectivity Date:		June 11, 202	<u>4</u>			
		Process Name/Title:	CLAM	IP ASSEMBLY PR	OCESS	Validity Date:		n/a			
		Model code/Part number:	310B / 7M0521-7021	Customer: TRJ	Car Model: TOYOTA-RAV4	Document No.:		WI-ENG-PDE-9	901		
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	4 of 7		
PARTS:	Assy parts Black tape							1. Clamp Assembly Jig			
NO.	F	ROCESS NAME	WORK F	PROCEDURE/ ILLUS	STRATION	TOOLS/PPE	QUALITY POINTERS				
3	Clamp	Clamp Assembly (Continuation)	CONNECTOR SETTING CONNECTOR SETTING	CHECKER 2 82 mp Holder 82711-4821 dings of tape on adds then cut the en start taping using both after taping. Continue if after taping. Continue if en start taping using both after taping. Continue if en start taping using both after taping. Continue if en start taping using both after taping using both after taping using both after taping using both en start taping using both after taping using both after taping using both after taping using both en start taping using both after taping using both af	Get the clamp in clamp holder (82711-3210) and set to location 1 and 2. The hands. Make 3 windings of tape if sequence light on location 2 was ON. The hands. Make 3 windings of tape if sequence light on location 3 was ON. The hands. Make 3 windings of tape if sequence light on location 3 was ON.	n/a	2. No wror 3. No miss 4. No miss 4. No miss 1. Make jig and h 2. Make taping.	ant reminders/i sure no gap betwee otmelted terminals 2-3 windings for cla	een stopper		



				WORK IN	ISTRUCTION	Effectivity Date:	June 11, 2024				
		Process Name/Title:			MP ASSEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	310B / 7M0521-7021 Customer: TRJ Car Model: TOYOTA-RAV4		Document No.:	WI-ENG-PDE-901					
		Purpose:	PROTOTYPE		☐ PRE-LAUNCH	MASSPRO		Revision No.:	0	Page No.:	5 of 7
PARTS:		y parts k tape						JIG:	1. Clamp /	Assembly Jig	
NO.		PROCESS NAME		WORK	PROCEDURE/ ILLUST	RATION		TOOLS/PPE	QUALITY POINTERS		
3	Clamp Assy		8. Hold the tape on cl then cut the tape. Pre	SW Button SW Button amp location 4 to sess the SW button amp location 5 to sess the SW button 10. After to removing the sess the SW button	3 CHECKER 2 82711-4801 SW Butte CHECKER 2 8271 then start taping using both con after taping. Continue if so then start taping using both con after taping. Go sound we caping, CONDUCT POINT Cof harness from jig. the 2 checker fixture (same mp. Last, remove the harness	hands. Make 3 w sequence light on hands. Make 3 will be heard.	indings of tape location 5 was ON. indings of tape	n/a	2. No wror 3. No miss 4. No miss 4. No miss Importa 1. Make jig and ho 2. Make taping.	ant reminders/ sure no gap betwee otmelted terminals 2-3 windings for co	een stopper s

			WORK INS	Effectivity Date:	June 11, 2024					
		Process Name/Title:	CLAM	P ASSEMBLY F	PROCESS		Validity Date:		n/a	
		Model code/Part number:	310B / 7M0521-7021	Customer: TF	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-90	1
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPR	0	Revision No.:	0	Page No.:	6 of 7
PARTS:	1. Assy	parts					JIG:	n/a		
NO.	P	ROCESS NAME	WORK F	TOOLS/PPE	QUALITY POINTERS					
							MEASURING TAPE 6 7 8 9 (1) 1 2 3 4 5 6 7 8 9 6	1. Please measuri measure	atsumono, Nakam	erified ing the
								1. Refer to assembly	ent reference/s: to WI-PRO-ASY-05 / Hatsumono Nakan no Inspection	6 for Sub-
4	Clamp Assy	Measurement	(4) 208 ±3 (2) 131 ±3 (3) 20 ±3 (8) WM Tube (Sumprene) (B) Ø11 (A)	(S) 128 ±3	© 188±3	⑦ 152±3 ♠ ® 105±5 © A Grav COT 67 © 0 0 +5	ack 10 0 0 0 10 28 ±3 10 198 ±3 10 198 ±3	1. No wron	ng dimension	
			NOTE: (A) - Taping (B) (B) - Clamp (W) (C) - Clamp (GR) (D) - Clamp (B)	P	<u>o</u>		n			



		WORK INSTRUCTION					Effectivity Date:		June 11, 2024			
		Process Name/Title:	CLAM	CLAMP ASSEMBLY PROCESS						n/a		
		Model code/Part number:	310B / 7M0521-7021	Customer:	TTRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-9	101	
		Purpose:	PROTOTYPE	PRE-LAUNC	Н	MASSPE	RO	Revision No.:	0	Page No.:	7 of 7	
т-								1				
PARTS: 1. As		y parts						JIG:	n/a			

VISUAL INSPECTION/ QUALITY CHECKPOINTS

CLAMP ASSY

7M0521-7021



1 No Wrong facing of clamp



(2)(3)(4)(5) No Missing Tape and Spot tape (Black tape)

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.