					WORK INSTRUCTION	Effectivity Date:	October 18, 2024				
			Process Name/Title:		CLAMP ASSEMBLY PROC	Validity Date:	n/a				
	- 1		Model code/Part number:	310D /	7N0195-7020E Customer: TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-1	029
			Purpose:	PROTOTYPE	☐ PRE-LAUNCH	MASSPI	RO	Revision No.:	1	Page No.:	1 of 5
PARTS: 1. Assy parts; Clamp 82711-33650 (B); Clamp 82711-520					(W); Clamp 82711-48210 (B); Black tape [3pcs]; Ye		JIG:	1. Clamp as	1. Clamp assembly jig		
NC	PROCESS NAME				TOOLS/PPE	(QUALITY POIN	TERS			
1		Clamp		Clamp 82711-52090 (W)/ Clamp tray Assy parts Tape holder/Black tape	Clamp 82711-48210 (B)/ Clamp tray		Clamp 82711- 33650 (B)/ Clamp tray Clamp assembly jig Clamp assembly jig	Safety Instruction Be sure to wear prescribed personal protective equipment during operation (gloves, finger cots, etc.) Housekeeping 1. Maintain and always practice 5's. 2. Personal things on the workplace is prohibited. Keep it in your locker. Alert level For any trouble, inform the Assembly Assistant Supervisor or Line Leader for immediate corrective action.	1. No miss	ing part/tools. ss parts/tools	
	1	1			Revision History		1	Prepared by R	eviewed by	Approved by	Noted by
10/18/24	0	Change Initial Issu	Purpose from Pre-launch to Ma	sspro. Update the Visual Ins	pections/Quality Checkpoints		C. Villanueva A. Arañes C. Villanueva A. Arañes		/ouf form Villamueva	AArades	n/a
Eff. Date	Rev. No			Details of Cha	inge	Revised	Reviewed Approved N	loted Est. Date: Septe	mber 10, 2024		



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PARTS:	2. Clam	p 82711-48210 (B) p 82711-33650 (B) p 82711-52090 (W)		4. Black tape [3pcs 5. Yellow tape	JIG:	1. Clamp assembly jig						
NO.		PROCESS NAME		WORK PROCEDURE/ ILLU	TOOLS/PPE	(QUALITY POINT	ERS				
2	Clamp	Clamp setting	1. Get 1pc of clamp set to Clamp location 2. Get 1pc of clamp	82711-52090 (W) using right hand then n no. 1 using both hands. D 82711-48210 (B) using right hand then n no. 2 and 3 using both hands.	3. Get 1pc of clamp 82711-33650 (E set to Clamp location no. 4 using both hands. 2. Initially attach YELLOW TAPE to hands.	B) using right hand then th hands.	1. Please before s avoid wr 1. No wrong 2. No wrong 3. No dama	ant reminders/Note check the clamp tart of clamp asse ong use of clamp guse of parts guse of tape ged clamp glamp position	first mbly to			

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		Purpose:	☐ PROTOTYPE	☐ PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	3 of 5
1. Ass PARTS: 2. Blac 3. Yell		tape [3pcs]			JIG:	Clamp assembly jig			
NO.	F	ROCESS NAME		WORK PROCEDURE/ ILLUS	TOOLS/PPE	(QUALITY POINT	ERS	
3	Clamp	Clamp assembly	1. Get the assy parts connector 6189-045 the stopper jig then p 2. Hold the tape on hand. Make 3 wind the tape. Proceed to 3. Hold the tape on	s using right hand then set into jig using both 1 (W) into receiver base 1. Continue setting press by the toggle clamp. the clamp location no. 1 using right ings of tape using both hands then cut o clamp location 2. the clamp location no. 2 using right lings of tape using both hands then cut o clamp location 3.	hands. (See above picture for the corre	no. 3 using right hand. ands then cut the tape. no. 4 using right hand. ands then cut the tape.	1. Please before s avoid wi 1. No wrong 2. No wrong 3. No dama	ant reminders/Not e check the clamp tart of clamp asse rong use of clamp. g use of parts g use of tape ged clamp g clamp position	first mbly to

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PARTS:	n/a								JIG:		n/a			
NO.	F	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION						TOOLS/P	PE	QUALITY POINTERS			
4	Clamp	Measurement	Sunprene tube (B) ø9 4 25 ± NOTE: (A) - Taping (B) (B) - Taping (Y) (C) - Clamp (B) (D) - Clamp (W) (A) - dimension of overla	25±5 20 0 25±5 20 0	© 77±3 (B) Ø	↑ P	® 225±3 OT (B) Ø7 P	No. 1 2	IRE TYPE TABLE Color Wire TO G TVSS BW TVSS MEASURING TAP	ype 0.3 f 0.3 f	1. Pleas measuri measure 2. For H Owarime	e use calibrated/ ng tape when fet ement. atsumono, Nakar ono ent reference/s:	verified ting the	

