Į			WORK INSTRUCTION							Effect	Effectivity Date:		July 13, 2023		
			Process Name/Title: CLAMP ASSEMBLY PROCESS							Validi	ty Date:			n/a	
		H	Model code/Part number:	320B /	7L0054-7025	Customer: TRQSS	Car Model:	TOY	OTA-RAV4	Docu	ment No.:			WI-ENG-PDE-7	701
		J	Purpose:	PROTOTYP	E	PRE-LAUNCH	MASSI	PRO		Revis	ion No.:	0		Page No.:	1 of 6
		1					-		-			-			
PARTS:		1. Assy parts; Clamp 82711-52090 (W); Black tape [2pcs.]									JIG: 1. Clamp assembly jig				
N	0.	PROCESS NAME WORK PROCEDURE/ ILLUSTRATION								TOOLS/PPE		Q	UALITY POIN	TERS	
1		n/a	Table lay-out		parts	Table Lay-OUT  Tape holder/Black tape		Clamp asse	embly jig	dui dui 1.	Be sure to wear prescribed personal rotective equipmenting operation (glow finger cots, etc.)  Housekeeping Maintain and alway practice 5's. Personal things on orkplace is prohibitieep it in your locked and the correct action.	Int 1. No response in the lead of the lead	excess vrong p portant Check th	g parts/tools parts/tools. positions of parts/ et reminders/Note/s the Clamp first before by to avoid wrong us  CLAMP ILLUSTRATION  NG  82711	: estart
					Revision History		1			•	Prepared by	Reviewed b	у	Approved by	Noted by
07/13/23	0	Change	d process from P2; Change Pa	N WI-ENG-PDE-141B to DYOTA-RAV4. Refer to	WI-ENG-PDE-701 due to ENGDRR-125 for Docum	CLAMP ASSEMBLY PROCESS o separation of process; Update nent revision request.	M. Ariola	J. Loterte		A. Arañes	M. Ariola	J. Loterte	)	South form.	A. draides
Eff. Date	Rev. No			Details of	Change		Revised	Reviewed	Approved	Noted	Est. Date:	July 13, 2023			

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				WORK INS	TRUCTION				Effectivity Date:		July 13,	2023
		Process Name/Title:		CLAMP	<b>ASSEMBL</b>	Y PROCES	S		Validity Date:		n/a	
		Model code/Part number:	320B /	7L0054-7025	Customer:	TRQSS C	ar Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PI	DE-701
		Purpose:	PROTOT	YPE	PRE-LAUNCH		MASSPRO		Revision No.:		0 Page No.:	2 of 6
									-			
PARTS:		p 82711-52090 (W) [2pcs.] tape [2pcs.]								JIG	Clamp assembly jig	
NO.	PI	ROCESS NAME		WORK PR	ROCEDURE/	ILLUSTRAT	ON		TOOLS/	PPE	QUALITY PO	DINTERS
2	n/a	Clamp setting		1. Get 2pcs. of clamp 8 location 1 and 2 using  2. Initially attach Black hands.	both hands.			A-A-SISMARIA P	n/a		Important reminders  One side tape to  Important reminders  1. Check the Clamp fire of assembly to avoid to clamp.  1. No wrong use of pa 2. No wrong use of ta 3. No damaged clamp 4. No wrong clamp po  CLAMPILLUSTR  GOOD  RETTILLUSTR  GOOD	/Note/s: st before start vrong use of rts one ssition

			WORK INS	Effectivity Date:	July 13, 2023		
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		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0 Page No.: 3 of 6
		<u> </u>				<u> </u>	
PARTS:	1. Assy 2. Black					JIG	Clamp assembly jig
NO.	Р	ROCESS NAME	WORK P	ROCEDURE/ ILLUSTRAT	ΓΙΟΝ	TOOLS/PPE	QUALITY POINTERS
3	n/a	Clamp Assembly	CONNECTOR SETTING  Receiver base  1  1. Get the assy part and set to jig. (See above pi set the connector to 6189-0451 (W) to Receive harness in jig. Color sensor 1 will beep/buzz if sensor detects YELLO beep/buzz if sensor detects YELLO beep/buzz if sensor detects GREEN tape. Last, send together within the stopper then press by T  2. Check if all LED light for POWER ON, CLAMP or SENSOR 2, COLOR SENSOR 3 was ON. Check als light is ON. If encountered abnormality, STOP at of the leader. WAIT for further instruction then	SW button  SW button  Sture for correct setting). First, base 1. Continue setting of ensor detects BLACK tape. Color W tape. Color sensor 3 will et the G-B/W wires with terminal roggle clamp. Continue if the  ON, COLOR SENSOR 1, COLOR o if clamp location 1 sequence and immediately CALL the attention continue the process.	Color sensor 1 BLACK TAPE only	Color sensor 3 GREEN TAPE only  Gright hand. Make 3 Let the tape. Press the SW Let light on clamp location 2  Log right hand. Make 3 Let the tape. Press the SW Let the tape. Press the	Toggle clamp  Stopper jig  Terminal  Important reminders/Note/s:  1. Make sure no gap between stopper jig and Terminal  1. No loose attachment of clamp 2. No damage clamp 3. No missed tape 4. No missing parts 5. No wrong use of tape

			1	WORK INS	TRUCTION	Effectivity Date:		July 13, 2023	
		Process Name/Title:		CLAMP	ASSEMBLY	PROCESS		Validity Date:	n/a
		Model code/Part number:	320B / 7L005	54-7025	Customer: TI	RQSS Car Model:	TOYOTA-RAV4	Document No.:	WI-ENG-PDE-701
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		I							
PARTS:		mbled parts er sample						JIG	n/a
NO.	Pl	ROCESS NAME		WORK PF	ROCEDURE/ ILI	LUSTRATION		TOOLS/PPE	QUALITY POINTERS
4	n/a	Visual/By Two's Inspection	of harness (Master sample vs. Assembled	2. Check the 0  4. Check the SV tube to wire ne	Connector lock, terming the total control of the to	VM tube and VM andition. Conduct	3. Check the presence of a taping condition and color		MASTER SAMPLE  1. No Skip checking during inspection  CLAMP ILLUSTRATION  RG  82711-52090 [W]  82711-12A80 [W]

			V	WORK INSTRUCTION			July 13, 2023	
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		1						
PARTS:	n/a					JIG	n/a	
NO.	Р	ROCESS NAME		WORK PROCEDURE/ ILLUSTR	RATION	TOOLS/PPE	QUALITY POINTERS	
5	n/a	Measurements	102±5mm 0~5mm	312±3mm	117±5mm  109±3mm	EASURING TAPE	1. No wrong dimension  Important reminders/Note/s: 1. Please use calibrated/verified measuring tape when getting the measurement. 2. For Hatsumono and Owarimono	

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PARTS: n/a	JIG	n/a
QUALITY CHECKPOINTS		
CLAMP ASSEMBLY 7L0054-7025		
GOOD 3	4	5
NO GOOD 1 No Unlock/ Half Lock Connector 5	<b>No Deformed</b>	Terminal
2 3 No Missing Clamp		
4 No Missing Tape		