				WORK INSTRUCTION						Effectivity Date: October 17, 2024		
			Process Name/Title:		MP ASSEMBLY PRO			Validity Date:		n/a		
			Model code/Part number:	840B / 7N0120-7021	Customer: TRJ	Car Model: TOYOTA-	-SIENTA	Document No.:		WI-ENG-PDE-1	001	
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO		Revision No.:	0	Page No.:	1 of 9	
PARTS:	PARTS: 1. Assy parts; Clamp 82711-12A80 (W); Clamp 82711-12A60 (W); Clamp 82711-52070; Black tape [3pcs]							JIG: 1. Clamp assembly jig				
NO	Э.	Р	ROCESS NAME	WORK	PROCEDURE/ ILLUSTE	RATION		TOOLS/PPE	(QUALITY POINTERS		
1		CLAMP ASSY	AMP Table love sut		12AG Clan	82711- 0 (W)/ np box Clamp 8271 52070 (W)/ Clamp box Bando gun (Flat osepiece) Bando sepiece)	do gun	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	1. No missing parts/tools 2. No excess parts/tools 2. No excess parts/tools 2. No excess parts/tools Document reference/s: 1. Refer to WI-ENG-PDE-616 for Tassembly process CLAMP ILLUSTRATION GOOD BAND CLAMP ILLUSTRATION GOOD BAND CLAMP ILLUSTRATION GOOD BAND CLAMP ILLUSTRATION GOOD BAND CLAMP ILLUSTRATION BAND CLAMP ILLUSTRATION GOOD BAND CLAMP ILLUSTRATION		16 for Taping 82711-52090(W) ATION	
				Clamp Assembly jig Revision History	pe/Tape holder			Assistant Supervisor or Line Leader for immediate corrective action.		-52070 (B) 82 Approved by	1711-12A60 (W) Noted by	
								$ \rho$	1/4:4	A CANA		
10/17/24	0 lr	nitial issu	ue. Separate clamp assy from T	aping assembly process.		D.Castillo C.Villanueva A. A	Arañes N	/A Castillo	C. Villanueva	A. Aranes	N/A	
Eff. Date	Rev. No			Details of Change		Revised Reviewed Ap	proved No		ctober 17, 2024			

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			Effectivity Date:	October 17, 2024						
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		Model code/Part number:	840B / 7N0120-7021	Customer: TRJ	Car Model: TOYOTA-SIENTA	Document No.:		WI-ENG-PDE-10	001	
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PARTS: 1. Clamp 82711-12A 2. Clamp 82711-12A		o 82711-12A80 (W) [3pcs.] o 82711-12A60 (W) [4pcs.]		3. Clamp 82711-52070 4. Black tape [3pcs.]	(W)	JIG:	1. Clamp assembly jig			
NO.	PROCESS NAME		WORK PROCEDURE/ ILLUSTRATION		TOOLS/PPE	QUALITY POINTERS				
2	CLAMP	Clamp setting	1. Get 2pcs. of clamp 82711-12A80 (lamp location 6 and 7 using both hands. 2. Get 1pc. of clamp 82711-12A80 (lamp location 8 using both hands. 3. Get 2pcs. of clamp 82711-12A60 clamp location 5 and 3 using both hands. 4. Get 2pcs. of clamp 82711-12A60 clamp location 4 and 2 using both hands.	(W) then set to ands. (W) then set to ands. (W) then set to ands.	82711-52070 (8 3 3 3 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5	w) 2	1. No loose 2. No flip-ou 3. No peel-ou 4. No wrong 5. No wrong 6. No missi Importar 1. Please of assem	tape ut tape off tape g use of tape g use of clamp ng clamp ng clamp ce check the Clamp bly to avoid wrong CLAMP ILLUSTRATION NG	clamp Vs: first before start use of clamp.	

			WORK INS	Effectivity Date:	October 17, 2024				
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PARTS:	1. Assy	parts	JIG:	1. Clamp as	Clamp assembly jig				
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUST	TRATION	TOOLS/PPE	QUALITY POINTERS		
3	CLAMP	Clamp assembly	1. Get the assy parts then put into jig. picture for correct setting). First, set the 6098-3810 (W) to Receiver base 1. C the harness in jig. Color sensor light v if sensor detects Red tape. Fold the totterminal end reaches the guide. (See illustration)	the connector continue to set will beep/buzz ube until the below	Switch button		2. No dama 3. No missi 4. No gap ii Import 1. Must and sto 2. Make	ant reminders/No be no gap between poper jig. CLAMP ILLUSTRATION BAND CLAMP ILLUSTR BAND CLAMP ILLUSTR BAND CLAMP ILLUSTR NG	sign terminal selamp taping significant terminal selamp terminal selam

			WORK	Effectivity Date: October 17,			24				
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PARTS:	1. Assy parts JIG.							Clamp assembly jig			
NO.	F	PROCESS NAME	WOR	RK PROCEDURE/ ILLUS	TRATION	TOOLS/PPE	QUALITY POINTERS				
3	CLAMP	Clamp assembly (Continuation)	4. Initially tighten the band clamp on clamp location 1 OCAP SENSOR RED TAPE ONLY 5. Get the bar right hand the clamp on location 1 NOSEPIECE NOSEPIECE	BANDO GUN P BANDO GUN P size of	Switch button R L PUSH R 2 PULL POSITION DURING CUTTING LOCATION 1	Receiver base 1 CONNECTOR SETTING BANDO GUN FLAT NOSEPIECE	5. No wrong 6. No missi Importar 1. Must b stopper jr 2. Make 2	ut tape off tape g use of tape g use of clamp ng clamp at reminders/Note the no gap between g. 2-3 windings for cla BAND CLAMP ILLUSTR NG	terminal and		

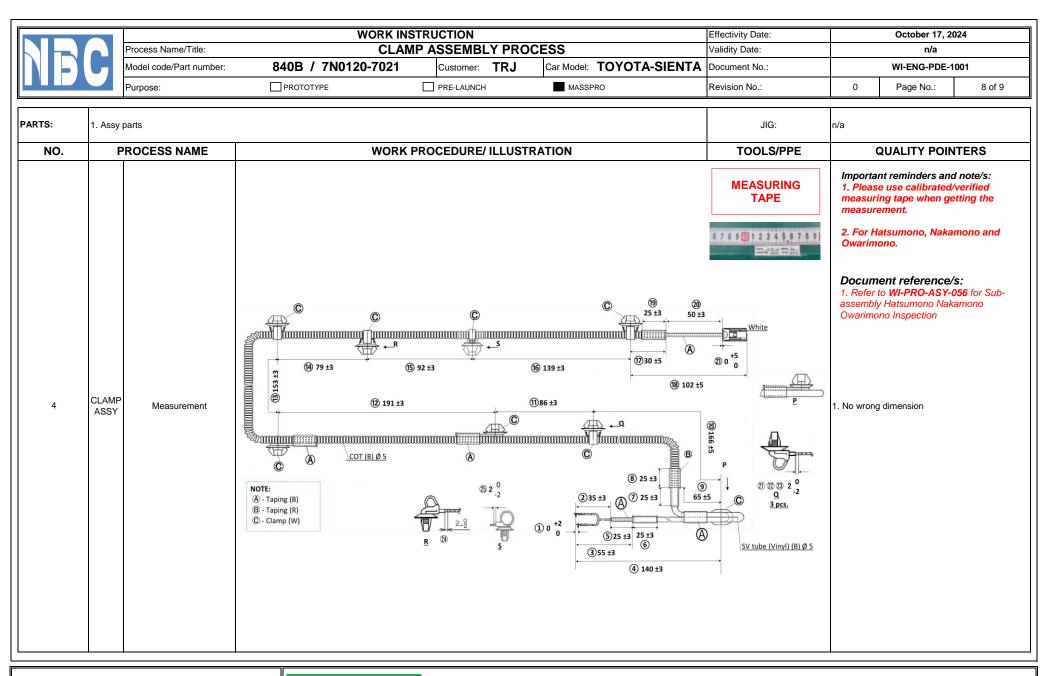
			WORK INS	Effectivity Date:	October 17, 2024				
		Process Name/Title:	CLAMI	P ASSEMBLY PRO	CESS	Validity Date:		n/a	
		Model code/Part number:	840B / 7N0120-7021	Customer: TRJ	Car Model: TOYOTA-SIENTA	Document No.:		WI-ENG-PDE-1	001
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PARTS:	1. Assy	parts				JIG:	·	ssembly jig	
NO.	F	PROCESS NAME WORK PROCEDURE/ ILLUSTRATION				TOOLS/PPE		QUALITY POIN	TERS
3	CLAMP	Clamp assembly (Continuation)	Stopper 6. Initially tighten the band clamp on cla location 5, 3, 4 and 2 using both hands. Continue if the sequence light on clamp location 2 was ON. 7. Get the bando gun using right hand the cut the band clamp on location 2 using behands (USE EXTENDED NOSEPIECE BANDO GUN). Press the SW button aff cut. Continue if the sequence light on clause in	hen both fter amp of band clamp ds on the size inyl tube.	Fixed setting of band	Receiver base 1 CONNECTOR SETTING RANDO GUN ILLUSTRATION GOOD NG PLAT NOSEPIECE PLAT NOSEPIECE	5. No wron 6. No missi Importal 1. Must It stopper j 2. Make 3. TILTIN APPLICA 12A60 (V	ut tape off tape g use of tape g use of clamp ing clamp Int reminders/Note be no gap between ig. 2-3 windings for cla NG OF BANDO GU ABLE ONLY IN CLA W) DURING FINAL	terminal and amp taping IN AMP 82711- CUT.

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PARTS:	1. Assy	parts				JIG:	1. Clamp a	ssembly jig	
NO.	P	ROCESS NAME	WORK	PROCEDURE/ ILLUST	RATION	TOOLS/PPE	QUALITY POINTERS		
3	CLAMP ASSY	Clamp assembly (Continuation)	Stopper 6 8. Cut the band clamp on location 3 usi EXTENDED NOSEPIECE BANDO GU after cut. Continue if the sequence light ON. 10. Cut the band clamp on location 5 us both hands (USE EXTENDED NOSEPI BANDO GUN). Press the SW button a cut. Continue if the sequence light on clocation 6 was ON. BANDO GUN ALIGNMENT PERPENDICULARITY OK Note: Setting	ing both hands (USE JN). Press the SW button it on clamp location 4 was BANDO GUN LC after elamp add on the size lyinyt tube.	NG Fixed setting of band clamp outby: 1, 2	BANDO GUN). Press the	5. No wron 6. No missi Importan 1. Must b stopper jij 2. Make 2 3. TILTIN APPLICA 12A60 (M	out tape off tape g use of tape g use of clamp ing clamp at reminders/Note e no gap between g. 2-3 windings for cla UG OF BANDO GU BBLE ONLY IN CLA W) DURING FINAL BAND CLAMP ILLUSTE	terminal and amp taping N AMP 82711- CUT.



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PARTS:	1. Assy	parts				JIG:	1. Clamp as	ssembly jig	
NO.	P	ROCESS NAME	WORK I	PROCEDURE/ ILLUS	TRATION	TOOLS/PPE	QUALITY POINTERS		
3	CLAMP	Clamp assembly (Continuation)	Stopper 11. Hold the tape on clamp locatic Press the SW button after taping 12. Hold the tape on clamp locatic Press the SW button after taping	on 7 then start taping using. Continue if the sequence. Continue if the sequence. ion 8 then start taping using. GO sound will be heard.	ng both hands. Make 3 windings of tape the light in location 8 was ON. In the light in location 8 was ON. In the light in location 8 was ON. In the light in location 8 windings of tape the light in location 8 was ON.	nen cut the tape.	5. No wrong 6. No missi Importan 1. Must be stopper jig 2. Make 2	ut tape off tape g use of tape g use of clamp ng clamp t reminders/Note, e no gap between g3 windings for cla	terminal and





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PARTS:	1. Assy	part				JIG:	n/a			

VISUAL INSPECTION/ QUALITY CHECKPOINTS

CLAMP ASSY

7N0120-7021



1 No Wrong Facing of Clamp



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