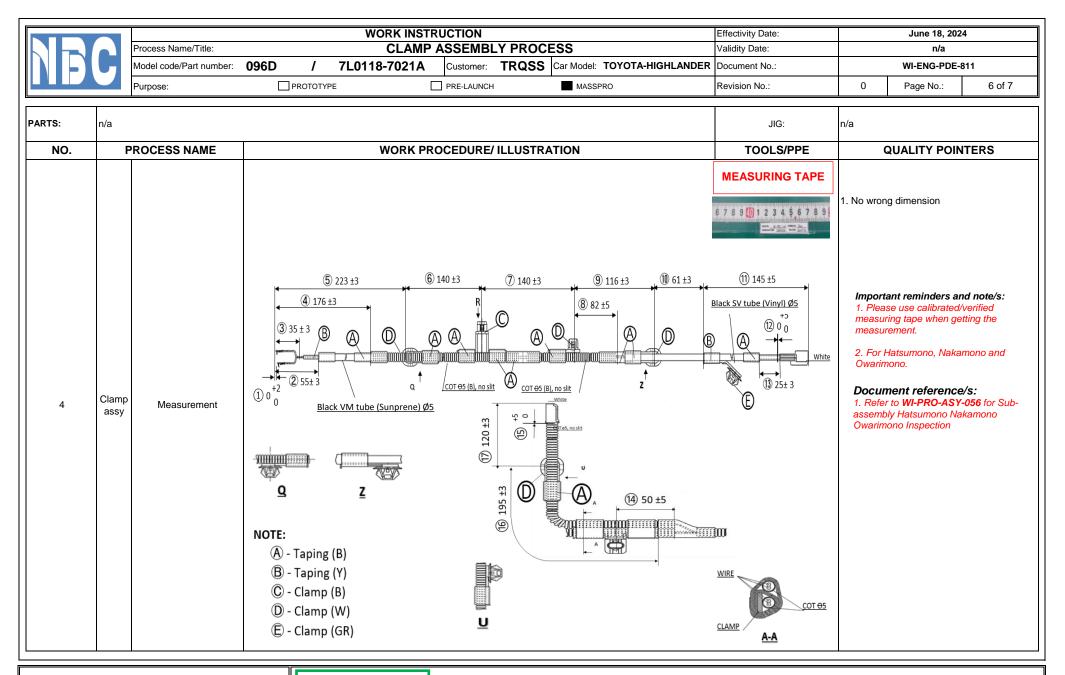
		_		W	ORK INSTRUCTION		Effectivity Date:		June 18, 2024		
			Process Name/Title:		CLAMP ASSEMBLY PROC	ESS	Validity Date:		n/a		
ME			Model code/Part number:	096D / 7L0118	3-7021A Customer: TRQSS	Car Model: TOYOTA-HIGHLANDER	Document No.:		WI-ENG-PDE-8	11	
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	1 of 7	
PARTS:			parts; Clamp 82711-3338 Yellow tape	80 (B); Clamp 82711-52090 (W)	; Clamp 82711-48070 (GR); Clamp 827	11-3A540 (W); Black tape	JIG:	1. Clamp a	ssembly jig		
NC).	Р	ROCESS NAME		WORK PROCEDURE/ ILLUSTRA	ATION	TOOLS/PPE	(QUALITY POINTERS		
1		Clamp	Table Lay-out	Clamp 82711-33380 (B)/ Clamp tray	Tape holder/Black tape	Clamp 82711-52090 (W)/ Clamp tray Clamp 82711-48070 (GR)/ Clamp tray Clamp assembly jig Tape holder/Yellow tape	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.	Docum 1. Refer Assemb 1. No miss	ent references. to WI-ENG-PDE-3 ly Process ing parts/tools ss parts/tools CLAMPILLUSTRATION NG	:	
				Revisio	on History		Prepared by Re	viewed by	Approved by	Noted by	
							Lotus /	1/1/1/th.	CAMP		
06/18/24	0	Initial is	sue.			D. Castillo C. Villanueva A. Arañes	D. Castillo &.	Villanueva	A. Aranes	n/a	
Eff. Date	Rev. No			Details of Change		Revised Reviewed Approved N	oted Est. Date: June 1	8, 2024			

				NSTRUCTION		Effectivity Date:		June 18, 2024	ļ
		Process Name/Title:	CLA	MP ASSEMBLY PROC	ESS	Validity Date:		n/a	
		Model code/Part number:	096D / 7L0118-702	1A Customer: TRQSS	Car Model: TOYOTA-HIGHLANDER	Document No.:		WI-ENG-PDE-8	11
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	2 of 7
PARTS:	2. Clan	np 82711-33380 (B) np 82711-52090 (W) [3pcs np 82711-3A540 (W)	.]	4. Clamp 82711-48070 5. Black tape [6pcs] 6. Yellow tape [1pc]) (GR)	JIG:	1. Clamp a	assembly jig	
NO.	F	PROCESS NAME	WORK	K PROCEDURE/ ILLUSTR	ATION	TOOLS/PPE	(QUALITY POIN	TERS
2	Clamp		82711-52090 (W) 82711-33380 (B 3 1. Get 1pc. of clamp 82711-33380 (Inight hand then set to clamp location using both hands. (See below illustration for correct see Guide 2. After setting of clamp 82711-3338 hold the guide lock then lock using respectively.	B) using 1 2 3. Get 3pcs. of clahand then set to chands. 4. Get 1pc. of clahand then set to chand then set to chand then set to chand then set to chand then set to company the set of the	amp 82711-52090 (W) using right clamp location 3, 4 and 6 using both hands. mp 82711-48070 (GR) using right clamp location 5 using both hands. Mathematical description of the second	n/a	1. No wron 2. No wron 3. No dam.	retant reminders/Not asse check the Clam of assembly to avoid mp. TANDARD TAPING FOR One side tape under the side tape under	p first before d wrong use

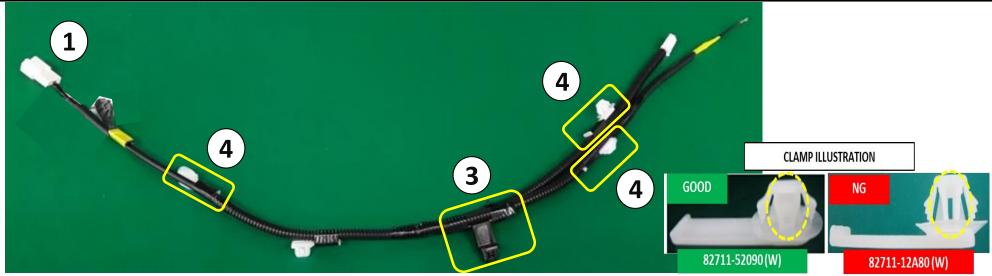
NEG			WORK INSTRUCTION							June 18, 2024		
		Process Name/Title:		CLAMP	ASSEMBLY PI	ROCESS			Validity Date:		n/a	
		Model code/Part number:	096D /	7L0118-7021A	Customer: TRO	QSS Car M	lodel: TOYOTA	-HIGHLANDER	Document No.:		WI-ENG-PDE-8	11
		Purpose:	PROTOTYF	PE [PRE-LAUNCH		MASSPRO		Revision No.:	0	Page No.:	3 of 7
PARTS:	1. Assy	parts							JIG:	1. Clamp a	assembly jig	
NO.	F	ROCESS NAME		WORK PR	OCEDURE/ ILLU	STRATION	1		TOOLS/PPE	QUALITY POINTERS		
3	Clamp	Clamp Assembly	the connector 60 jig. Second, set the other side of l correct setting of 2. Check if all LE abnormality, STO leader. WAIT for Continue the procon. 3. Hold the tape of COT 1 and do not button after taping continuous proces.	arts and set into jig. (See 98-3802 (W) to Checker the terminal end together tharness (COT with const harness). D light for Power On water tharness if sequence light in constant the constant to cut the tape. (See illustrated). Blinking sequence lighting. Blinking sequence lighting.	as On. If encountered. LL the attention of the process clamp location 1 was care 2 spot windings stration.) Press the stration as the process of the process clamp location 2 was care 2 spot windings stration.) Press the stration as the process of the process o	correct sette content of the content	Color sensor YELLOW TAPE only String of harness, Continue to set the Toggle clamp. (See above pict)	he harness in Initially put ture for Hook	n/a	1. No wron 2. No wron 3. No dama 4. No wron	ag use of parts aguse of tape aged clamp ag clamp position CLAMPILLUSTRATION RE SURE NO GAP DE SURE AGENTA DE	tween

				WORK INST	Effectivity Date:	1						
		Process Name/Title:	CLAMP ASSEMBLY PROCESS					Validity Date:	n/a			
		Model code/Part number:	096D /	7L0118-7021A	Customer:	TRQSS	Car Model: TOYOTA-HIGHLANDER	Document No.:		WI-ENG-PDE-8	11	
		Purpose:	PROTOTY	PE	PRE-LAUNCH		MASSPRO	Revision No.:	0	Page No.:	4 of 7	
PARTS:	1. Assy	parts						JIG:	1. Clamp a	assembly jig		
NO.	F	ROCESS NAME		WORK PF	ROCEDURE/ I	LLUSTRA	ATION	TOOLS/PPE	(QUALITY POIN	TERS	
3	Clamp	Clamp Assembly (Continuation)	Connector setting COT 2 4. Remove the ass connector 6098-22 then pull the check	82/11-33380 (B) W button Stopper Stopper	COT 2 -taping guide the right hand then schecking. Make	cot 1 con remove the set the connectinue if the swip continue if the continue is continue if the continue is continue in cont	Connector Setting Connector Go98-2220 (W) to Checker 2 with the switch is not pressed by the switch is not pressed by the switch is not pressed by the connection, Wire1 was On. Continue the rocess if sequence light in clamp ocation 1 was ON.	n/a	1. No wron 2. No wron 3. No dam. 4. No wron	reguse of parts aguse of tape aged clamp gramp position CLAMP ILLUSTRATION RE SURE NO GAPP AGE RE SURE NO GAPP	tween	

			WORK INSTRUCTION	Effectivity Date:	June 18, 2024
		Process Name/Title:	CLAMP ASSEMBLY PROCESS	Validity Date:	n/a
		Model code/Part number:	096D / 7L0118-7021A Customer: TRQSS Car Model: TOYOTA-HIGHLANDER	Document No.:	WI-ENG-PDE-811
		Purpose:	☐ PROTOTYPE ☐ PRE-LAUNCH ■ MASSPRO	Revision No.:	0 Page No.: 5 of 7
					T
PARTS:	1. Assy	parts		JIG:	1. Clamp assembly jig
NO.	ı	PROCESS NAME	WORK PROCEDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
3	Clamp	Clamp Assembly (Continuation)	6. Hold the tape on clamp location 1, make 3 windings of tape on combined COT 1 and COT 2 then cut the tape using both hands. Press the SW button after taping. Continue the process if sequence light on clamp location 2 was ON. 7. Hold the tape on clamp location 2, make 3 windings then cut the tape using both hands. Press the SW button after taping. Continue the process if sequence light on clamp location 3 was ON. 8. Hold the tape on clamp location 3. Make 3 windings of tape then cut the tape using both hands. Press the SW button after taping. Continue the process if sequence light in clamp location 4 was ON. 9. Hold the tape on clamp location 4. Make 3 windings of tape then cut the tape using both hands. Press the SW button after taping. Continue the process if sequence light in clamp location 5 was ON. 10. Hold the tape on clamp location 5. Make 3 windings of tape then cut the tape using both hands. Press the SW button after taping. Continue the process if sequence light in clamp location 6 was ON. 11. Hold the tape on clamp location 6. Make 3 windings of tape then cut the tape using both hands. Press the SW button after taping. Continue the process if sequence light in clamp location 7 was ON. 12. Hold the tape on clamp location 7. Make 3 windings of tape then cut the tape using both hands. (Note: Color sensor light will beep or buzz if sensor detects Yellow tape during taping). Press the SW button after taping. Go sound will be heard.	n/a	Important reminders/Note/s: 1. Make sure no gap between stopper jig and terminals. 1. No wrong use of parts 2. No wrong use of tape 3. No damaged clamp 4. No wrong clamp position CLAMPILLUSTRATION GOOD RETTILIZABO (W) 82711-12A80 (W)



С	L	AMP A	SSY			7L0118-	<mark>7021</mark> A	\			
PARTS:	n/a	PROCESS NAME		WORK PR	WORK PROCEDURE/ ILLUSTRATION			n/a QUALITY POINTERS			
		Purpose:	PROTOTY	PE [PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	7 of 7	
	H	Process Name/Title: Model code/Part number:	096D /	7L0118-7021A	ASSEMBLY PROC Customer: TRQSS	Car Model: TOYOTA-HIGHLANDER	Validity Date: Document No.:		n/a WI-ENG-PDE-8	<u></u> 311	
		December 1	WORK INSTRUCTION E						June 18, 2024		



- 1 No Deformed Terminal (3) Conduct BENDING
- 2 Check the Alignment
- Onduct BENDING of 2 sides of wing clamp
- 4 Check the Clamp appearance