				WC	ORK INSTRUCTION			Effect	tivity Date:		July 02, 2024		
			Process Name/Title:		CLAMP ASSEMBLY PROC	ESS		Validi	ty Date:		n/a		
			Model code/Part number:	096D / 7L0119-7	O21A Customer: TRQSS	Car Model: TOY	OTA-HIGHLANI	DER Docui	ment No.:		WI-ENG-PDE-8	19	
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO		Revis	ion No.:	0	Page No.:	1 of 8	
PARTS:		1. Assy parts; Clamp 82711-33380 (B); Clamp 82711-52090 (W); Clamp 82711-48070 (GR); Clamp 82711-3A540 (W); Black tape [7pcs.]							JIG:	Clamp assembly jig			
NO	Э.	Р	ROCESS NAME	,	WORK PROCEDURE/ ILLUSTR/	ATION			TOOLS/PPE	(QUALITY POINTERS		
1		Table Lay-out Clamp 82711-33380 (B (B)/ Clamp tray Clamp 82711-48070 (GR) Table Lay-out Assay parts Clamp 82711-48070 (GR) Clamp 82711-48070 (GR) Clamp 62711-48070 (GR) Clamp 62711-48070 (GR) Clamp 62711-48070 (GR) Assay parts Alert level For any trouble, inform the Assembly Assistant Supervisor or Line Leader for immediate corrective action.											
				Revision	n History				Prepared by	Reviewed by	Approved by	Noted by	
				<u> </u>									
				•					estulo	Month Difform	AND I		
07/02/24	0	Initial issu	ie.			1	anueva A. Arañes	n/a	D. Castillo	C.Villanueva	A. Arañes	n/a	
Eff. Date	Rev. No			Details of Change		Revised Rev	riewed Approved	Noted /	Est. Date:	July 02, 2024			



			WORK INST	Effectivity Date:		July 02, 2024				
	Al	Process Name/Title:		P ASSEMBLY PR	ROCESS	Validity Date:		n/a		
		Model code/Part number:	096D / 7L0119-7021A	Customer: TRC	QSS Car Model: TOYOTA-HIGHLANDER	Document No.:		WI-ENG-PDE-8	19	
		Purpose:	□ РКОТОТУРЕ	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	2 of 8	
PARTS:	2. Clam	p 82711-33380 (B) p 82711-52090 (W) [3pcs.] p 82711-3A540 (W)	4. Clamp 82711-48070 (GR) 5. Black tape [7pcs.]			JIG:	Clamp assembly jig			
NO.		PROCESS NAME WORK PROCEDURE/ ILLUSTRATION				TOOLS/PPE	QUALITY POINTERS			
2	CLAMP	Clamp Setting	1. Get 1pc. of clamp 82711-33380 (B) us then set to clamp location 1 and 2 using (See below illustration for correct setting) 2. After setting of clamp 82711-33380 (E guide lock then lock using right hand.	sing right hand both hands. 3. Gright 7 usi 4. Gright both 5. Gright both 6. Initially	et 3pcs. of clamp 82711-52090 (W) using thand then set to clamp location 4, 6 and ing both hands. et 1pc. of clamp 82711-3A540 (W) using thand then set to clamp location 5 using thand then set to clamp location 3 using thands.	n/a	Import 1.Please start of a of clamp. 1. No wrong 2. No wrong 3. No dama 4. No wrong	g use of parts g use of tape ged clamp g clamp position CLAMP ILLUSTRATION NG	ape //Note/s: first before	

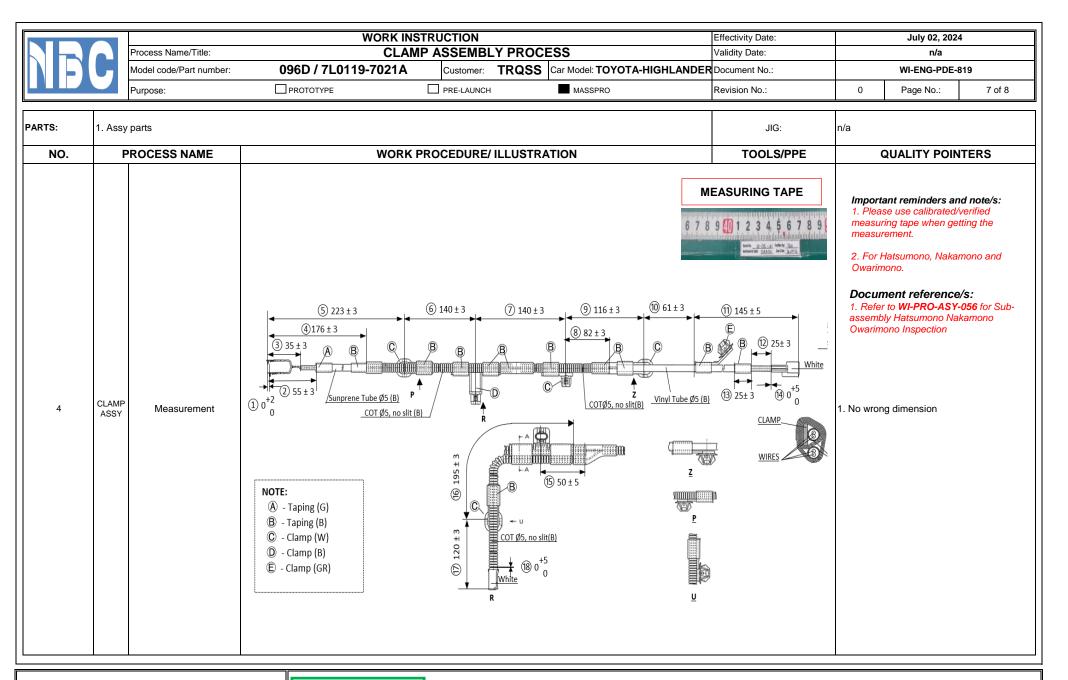
			WORK INS	TRUCTION		Effectivity Date:		July 02, 2024		
		Process Name/Title:	CLAMI	P ASSEMBLY PROC	ESS	Validity Date:		n/a		
		Model code/Part number:	096D / 7L0119-7021A	Customer: TRQSS	Car Model: TOYOTA-HIGHLANDER	Document No.:		WI-ENG-PDE-81	9	
		Purpose:	PROTOTYPE	☐ PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	3 of 8	
PARTS:	1. Assy 2. Blac					JIG:	1. Clamp a	ssembly jig		
NO.	F	PROCESS NAME	WORK P	ROCEDURE/ ILLUSTR	ATION	TOOLS/PPE	QUALITY POINTERS			
3	CLAMP	Clamp Assembly	set the conne the harness in clamp. Initial	sy parts and set into jig. (Sector 6098-3802 (W) to Recent jig. Second, set the terminally put the other side of harned	Be above picture for correct setting of the server base 1 then pull the checker fixtural end together within the stopper then eas (COT with connector 6098-2220 (the server base) and the server base 1 then pull the checker fixtural end together within the stopper then ease (COT with connector 6098-2220 (the server) and the server base of the server base	Press by Toggle W)) in Hook. DP and continue the Delocation 1, make 2 do not cut the tape.	1. Make stopped 2. Make taping 1. No wron 2. No wron 3. No dam: 4. No wron	g use of parts g use of tape aged clamp g clamp position	ween Is r clamp	

			WORK INSTR			Effectivity Date:		July 02, 2024	
		Process Name/Title:		ASSEMBLY PROC		Validity Date:		n/a	
		Model code/Part number:	096D / 7L0119-7021A	Customer: TRQSS	Car Model: TOYOTA-HIGHLANDER	Document No.:		WI-ENG-PDE-81	9
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	4 of 8
PARTS: 1. Assy part 2. Black tap							Clamp assembly jig		
NO.	F	ROCESS NAME	WORK PRO	OCEDURE/ ILLUSTR	RATION	TOOLS/PPE	QUALITY POINTERS		
3	CLAMP	Clamp Assembly (Continuation)	Connector setting 4. Remove the assy parts from twith connector 6098-2220 (W) in connector 6098-2220 (W) to Refixture for continuity checking. Cothe terminal end together within clamp.	n Hook using right hand ceiver base 2 then pull to continue to set the harnes the stopper then press b	Stopper COT 1 COT 1 e the assy parts then set the he checker as in jig then set by Toggle	Checker 2	1. No wron 2. No wron 3. No dama	g use of parts g use of tape aged clamp g clamp position	ween Is

			WORK IN	STRUCTION		Effectivity Date:	July 02, 2024			
		Process Name/Title:	CLAN	MP ASSEMBLY PROC	ESS	Validity Date:		n/a		
		Model code/Part number:	096D / 7L0119-7021A	Customer: TRQSS	Car Model: TOYOTA-HIGHLANDER	Document No.:		WI-ENG-PDE-8	19	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0	Page No.:	5 of 8	
PARTS:	1. Assy 2. Black	parts ctape				JIG:	1. Clamp a	ssembly jig		
NO.	P	ROCESS NAME	WORK	PROCEDURE/ ILLUSTRA	ATION	TOOLS/PPE	(QUALITY POIN	TERS	
3	CLAMP	Clamp Assembly (Continuation)	Connector setting Connector setting 6. Hold the tape of and COT 2 then Continue the production of the continue the cont	cut the tape using both hands. cess if sequence light on clamp on clamp location 2, make 3 w s SW button after taping. Conti	Stopper 2 1 2 1 Press the SW button after taping.		1. Make stoppe 2. Make taping 1. No wron 2. No wron 3. No dama	e sure no gap beer jig and termine e 2-3 windings f	tween als	



			WORK INS	STRUCTION		Effectivity Date:	July 02, 2024		
		Process Name/Title:		IP ASSEMBLY PROCE	SS	Validity Date:	n/a		
		Model code/Part number:	096D / 7L0119-7021A		Car Model: TOYOTA-HIGHLANDER	Document No.:	WI-ENG-PDE-819		
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	0 Page No.: 6 of 8		
PARTS:	Assy parts Black tape					JIG:	1. Clamp assembly jig		
NO.	PROCESS NAME		WORK PROCEDURE/ ILLUSTRATION		TOOLS/PPE	QUALITY POINTERS			
3	CLAMP	Clamp Assembly (Continuation)	82711-48070 (GR) 82711 8. Hold the tape on clamp loc tape then cut the tape using button after taping. Continue in clamp location 4 was ON. 9. Hold the tape on clamp loc tape then cut the tape using button after taping. Continue in clamp location 5 was ON. 10. Hold the tape on clamp loc tape then cut the tape using button after taping. Continue in clamp location 6 was ON.	the process if sequence light sequence light ation 4. Make 3 windings of both hands. Press the SW the process if sequence light sequence light cation 5. Make 3 windings of both hands. Press the SW		pe using after quence light n 7. Make pe using after	Important reminders/Note/s: 1.Make sure no gap between stopper jig and terminals 2. Make 2-3 windings for clamp taping 1. No wrong use of parts 2. No wrong use of tape 3. No damaged clamp 4. No wrong clamp position		

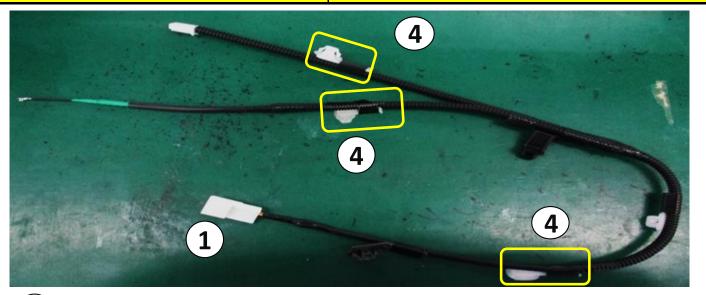


		WORK INSTRUCTION E					Effectivity Date: July 02, 2024			
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		Model code/Part number:	096D / 7L0119-7021A	Customer:	TRQSS	Car Model: TOYOTA-HIGHLANDER	Document No.:		WI-ENG-PDE-8	19
		Purpose:	PROTOTYPE	PRE-LAUNCH		MASSPRO	Revision No.:	0	Page No.:	8 of 8
	1							ı		
PARTS:	1. Assy	parts					JIG:	n/a		

VISUAL INSPECTION

CLAMP ASSY

7L0119-7021A



CLAMP ILLUSTRATION



82711-52090 (W)



82711-12A80 (W)

- **No Deformed Terminal**
- **Check the Alignment**
- $(\mathbf{3})$ **Conduct BENDING of 2** sides of wing clamp
- **Check the Clamp** appearance

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