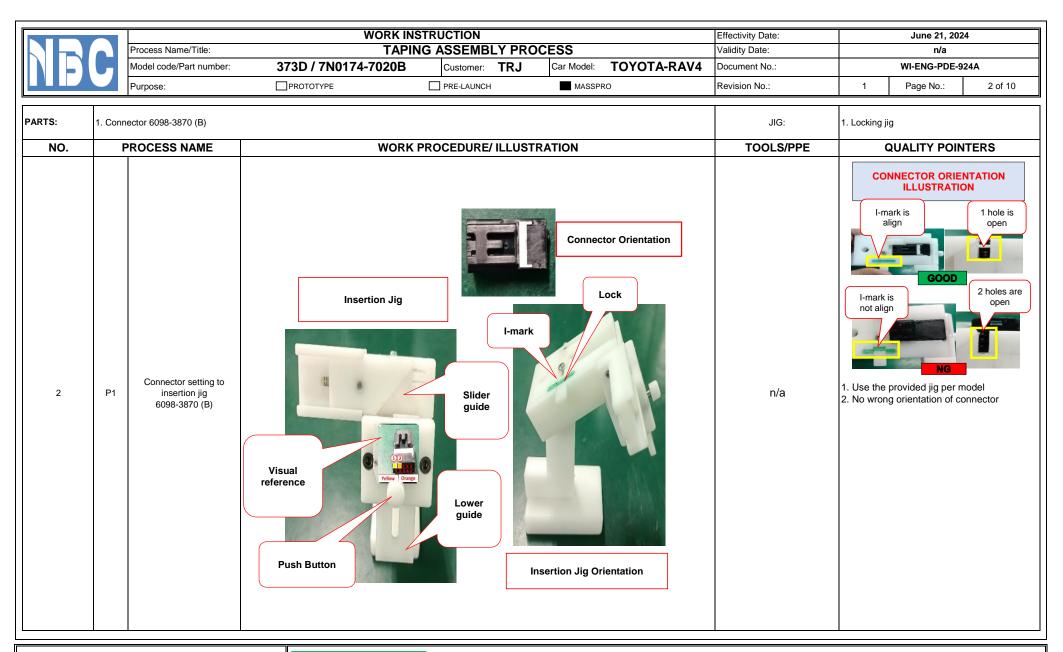
					STRUCTION				Effectivity Date:		June 21, 20	24	
			Process Name/Title:		NG ASSEMBLY PROC			<b></b>	Validity Date:		n/a		
			Model code/Part number:	373D / 7N0174-7020B	Customer: TRJ	Car Model:		TA-RAV4	Document No.:		WI-ENG-PDE-9	1	
			Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPE	RO		Revision No.:	1	Page No.:	1 of 10	
PARTS:	1. Assy parts: Connector 6098-3870 (B); AVSSf 0.3 wires B L=204±2mm; Black SV tube (Vinyl) Ø5 L=20±3mm g5 L=360±3mm; Gray tape(19mm)  IO. PROCESS NAME WORK PROCEDURE/ ILLUST						d tube		JIG:		Insertion jig     Locking jig		
N	0.	P	PROCESS NAME	WORK	PROCEDURE/ ILLUSTR	ATION			TOOLS/PP	E	QUALITY POINTERS		
	1	P1	Table Lay-out	Connector 6098-3870(B)  Insertion jig A	AVSSf 0.3 wires B L=204±2mm  Locking jig	<b>)</b>	Black correction with the state of the state	eb±3mm	Safety Instruct Be sure to we required person protective equip during operatin (gloves, finger of etc.)  Housekeepi 1. Maintain and a practice 5's. 2. Personal thing the workplace prohibited. Keep your locker.  Alert level For any trouble, in the Assembly Ass Supervisor or L Leader for immed corrective actice.	Documnots,  Documnots,  1. Reference and Str.  2. Reference 7020A (controller)  s on 1. No mis is 2. No except it in 1.	ent references: to WI-PRO-CNC-lip Length Toleran to WI-ENG-PDE-Diffline assembly parts/tools ess parts/tools	ce 665 for 7N0174-	
	1			Revision History					Prepared by	Reviewed by	Approved by	Noted by	
06/21/24	1	Checkpoi	nt.	he Wire insertion to Black Corrugated tube. Improve	ed the Visual Inspection/Quality	A. Hernandez	C. Villanueva	A. Arañes	n/a Okum Om Ju	South Hours			
06/18/24	0	Initial iss	ue				C. Villanueva				A. Arañes	n/a	
Eff. Date	Rev. No			Details of Change		Revised	Reviewed	Approved N	Noted Est. Date:	June 18, 2024			



			WORK IN	ISTRUCTION			Effectivity Date:		June 21, 202	4
		Process Name/Title:	TAPI	NG ASSEMBLY P	ROCESS		Validity Date:		n/a	
		Model code/Part number:	373D / 7N0174-7020B	Customer: TR	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-9	24A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPI	RO	Revision No.:	1	Page No.:	3 of 10
PARTS:	1. Connector 6098-3870 (B)						JIG:	1. Insertion	jig	
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLU	JSTRATION		TOOLS/PPE	(	QUALITY POIN	TERS
3	P1	Connector setting to insertion jig 6098-3870 (B) (Continuation)	1. Press the insertion jig lock using left hand.	Press  2. Get the connector 6098-insertion jig. Release the lo	Release  3870 (B) using right h ck after insertion.  3. Push the lower v using right hand. S will be open.	vire quide upward	n/a	I-marinot ali	gn GOOD K is	nole is open es are open

			WORK INS	STRUCTION			Effectivity Date:		June 21, 2024	,
		Process Name/Title:	TAPIN	NG ASSEMBLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	373D / 7N0174-7020B	Customer: TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-92	4A
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPF	RO	Revision No.:	1	Page No.:	4 of 10
PARTS:	1. Assy 2. Black	parts Corrugated tube ø5 L=360±3	3mm (no slit)	3. Black SV tube (Viny	1) ø5 L=20±3mm		JIG:	1. Locking ji	g	
NO.	P	ROCESS NAME	WORK	PROCEDURE/ ILLUST	RATION		TOOLS/PPE	(	QUALITY POINT	TERS
4	P1	Wire insertion to Black corrugated tube ø5 L=360±3mm (no slit)		1. Get t L=360d insert th	the Black Corrug <del>t3mm (no slit)</del> u he <b>Y-OR wires</b> u	gated tube <mark>ø5</mark> using right hand then using left hand.	n/a	1. No wron 2. No defor	g use of parts med terminal	
5		Wire Insertion to Black SV tube (Vinyl) ø5 L=20±3mm	L	1. Get the Bl using right has using left har	and then insert th	nyl) ø5 L=20±3mm he Y-OR wires	n/a	1. No wron	g use of parts	

			WORK INS	TRUCTION			Effectivity Date:		June 21, 202	4	
		Process Name/Title:	TAPIN	IG ASSEMBLY	/ PROCESS		Validity Date:	n/a			
		Model code/Part number:	373D / 7N0174-7020B		Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-9	24A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPE	२०	Revision No.:	1	Page No.:	5 of 10	
PARTS:	1. Assy	parts					JIG:	1. Insertion	jig		
NO.	F	PROCESS NAME	WORK	PROCEDURE/ IL	LUSTRATION		TOOLS/PPE	(	QUALITY POIN	TERS	
6	P1	Wie insertion to connector 6098-3870 (B)	2	nge wire  4. After and the		Press R  using left thumbently pull out the	n/a	3. One by 4. No defo 5. No wror Importan 1. Please during in 2. Make s inserted. after insu Do not e. Documed 1. Refer to Strip Len	ng insertion one insertion rm terminal ng wire facing.  It reminders/Note the hold the wire ne sertion. sure wires are pro Conduct Pull-Puertion. xert extra force. nt References: o WI-PRO-CNC-01: gth Tolerance o GL-PRO-ASY-02:	par terminal operly ish-Pull-Push 7 for Wire and	

			WORK IN	STRUCTION			Effectivity Date:		June 21, 202	4	
		Process Name/Title:	TAPII	NG ASSEMBLY PRO	CESS		Validity Date:	n/a			
		Model code/Part number:	373D / 7N0174-7020B	Customer: TRJ	Car Model:	TOYOTA-RAV4	Document No.:	WI-ENG-PDE-924A			
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPF	RO	Revision No.:	1	Page No.:	6 of 10	
PARTS:	1. Assy	parts		JIG:	Insertion jig with Switch cover						
NO.	F	PROCESS NAME	WORK	PROCEDURE/ ILLUST	RATION		TOOLS/PPE	(	QUALITY POIN	TERS	
7	P1	Connector setting to insertion jig 6098-3870 (B) (Assy parts)	lock using left hand.	Insertion Jig Orientation  Press  R  2. Get the connector 6098-3 to insertion jig. Release the	Release 870 (B) using ri	ion.	n/a	I-ma not a	GOOD GOOD	es are open es are open es are open	

				STRUCTION		Effectivity Date:		June 21, 2024	
		Process Name/Title:	TAPIN	IG ASSEMBLY PRO	CESS	Validity Date:		n/a	
		Model code/Part number:	373D / 7N0174-7020B	Customer: TRJ	Car Model: TOYOTA-RAV4	Document No.:		WI-ENG-PDE-924	IA
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	7 of 10
PARTS:	1. Assy	parts						ig with Switch cover	
NO.	F	ROCESS NAME	WORK F	PROCEDURE/ ILLUSTF	RATION	TOOLS/PPE	C	<b>UALITY POINT</b>	ERS
Wire insertion to Black SV tube (Vinyl) ø5 L=20±2mm (Assy parts)  1. Get the Black wire [2pcs] and insert to SV tube (Vinyl) using right hand.							No wrong use of parts		
9	P1	Wie insertion to connector 6098-3870 (B)	wire then insert to terminal slot 1 of connector using right	3. Hold the 2nd Black wire then insert to terminal slot 2 of connector using right hand.	Wire Facing  1. Lift up the wires to see the slot for Black-Black wire.  R  4. After insertion, push the lock using left thumb and then hold the wires and gently pull out the connector from jig using right hand.		4. No defond 5. No wrong 1. Please I during inset 2. Make su Conduct Pinsertion. Do not execument 1. Refer to Strip Leng:	g insertion one insertion on terminal of wire facing.  Freminders/Note/s hold the wire near tertion. or wires are propertion. or wires are propert extra force. The References: OWI-PRO-CNC-013 of Tolerance of GL-PRO-ASY-028	terminal  orly inserted.  orly after  for Wire and

			WORK II	NSTRUCTION			Effectivity Date:		June 21, 202	4	
		Process Name/Title:	TAP	ING ASSEMBLY PRO	CESS		Validity Date:	n/a			
		Model code/Part number:	373D / 7N0174-7020B	Customer: TRJ	Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE-9	24A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPE	RO	Revision No.:	1	Page No.:	8 of 10	
PARTS:	1. Assy	parts							g		
NO.	F	ROCESS NAME	WORI	K PROCEDURE/ ILLUST	RATION		TOOLS/PPE	(	QUALITY POIN	TERS	
10	P1	Connector lock	1. Load the connector into the jig both side of the connector, tip first  Right thumb-Lower Left thumb-middle  3. Press the lower parts of connector using right hand while left hand holding the middle.	holding fully in:	5. Lift the connecto left and rillocke	of connector to	LOCKING JIG	1. Manua connect 2. Refer locking a lock	WI-PRO-KIT-001 and checking of o k and half-locked ided jig tools per mo	nuse damaged Proper connector	

			WORK INS	STRUCTION			Effectivity Date:		June 21, 202	4	
		Process Name/Title:		NG ASSEMBLY PR	ROCESS		Validity Date:		n/a		
		Model code/Part number:	373D / 7N0174-7020B	Customer: TRJ		TOYOTA-RAV4	Document No.:		WI-ENG-PDE-9	24A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPR	RO	Revision No.:	1	Page No.:	8 of 10	
PARTS:	1. Assy 2. Gray	parts tape (19mm)						Measuring tape			
NO.	F	PROCESS NAME	WORK	WORK PROCEDURE/ ILLUSTRATION					TOOLS/PPE QUALITY POINTERS		
11	P1	Taping 1 Black SV tube (Vinyl) to wire near connector	Start of taping  1	R Gray tape pre-taping	using left hand a end of SV tube u 25±3mm.	and, get the then start	6 7 8 9 10 1 2 3 4 5 6 7 8 9 1	1. Use GF 2. Please a measuring measurem 1. No flip-o 2. No peel- 3. No loose 4. No miss 5. No wron	out tape off tape e tape	fied	

			NSTRUCTION		Effectivity Date:		June 21, 2024	4
	Process Name/Title:		ING ASSEMBLY PRO		Validity Date:		n/a	
	Model code/Part number:	373D / 7N0174-7020B	Customer: TRJ	Car Model: TOYOTA-RAV4	Document No.:		WI-ENG-PDE-92	24A
	Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	1	Page No.:	10 of 10
PARTS: 1. Ass	y parts				JIG:	n/a		
		<u>/1\</u> \	/ISUAL INSPECTION/QU	JALITY CHECKPOINTS				
P1			7N01	74-7020B				
GOOD NO GOOD	GOOD OR Y NO GOOD	4						GOOD
1	No Unlock/Ha	alflock Connector	3 No Termina	al Backing Out				
2	No Wrong Ins	sert (	4 No Wrong	Used of Tape (Gray t	tape) 5 No C	Deform	ed Termi	nal