					WORK IN	STRUCTION				Effectivi	ity Date:			June 3, 2024	,
			Process Name/Title:		TAPIN	G ASSEMBLY PR	OCESS			Validity	Date:			n/a	
			Model code/Part number:	320B /	7L0053-7025	Customer: TRQ	SS Car Mode	l: TOY	OTA-RAV4	Docume	ent No.:		V	WI-ENG-PDE-13	39B
			Purpose:	PROTOTY	/PE	PRE-LAUNCH	MAS	SPRO		Revision	n No.:	9		Page No.:	1 of 6
PARTS: NO.		3. Black	'	97±3mm	4. TVSSf 0.3 G wire 5. TVSSf 0.3 B/W w 6. Yellow tape	L=806±3mm				Saf B pres prote	JIG:  Fety Instruction Se sure to wear scribed personal ective equipme uring operation oves, finger cots	2. lock 3. Terr	rtion jig w ing jig ninal cove	with switch cove 4. Measurin	r g jig
		P2	Table Lay-out		PARKET BOOK	TVSSf 0.3 G L=806a	3mm		1. Ma 2. P th prof	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.		efer to We and Str rance missing pexcess p	references: MI-PRO-CNC-0 trip Length parts/tools parts/tools		
		Process	improvement. Change proces	s sequence transfer Y-	Revision History - Taping to P3 and additions	al process from P3 Insertion of	f				Prepared by	Reviewed b	у	Approved by	Noted by
06/03/24	9		e tube , Taping sunprene tube					C. ez Villanueva	A. Arañes	n/a					
07/15/23	8	distributio descriptio	ed process no.2,3,4,5 and 6 fro on; Updated template; Inclusion on; SV tube (Vinyl). Refer to EN	of CAR MODEL "TOYC GDRR-127 for Documer	OTA-RAV4" Updated Table lay nt revision request.		ube M. Ariola	J. Loterte		Arañes (	Ukenondez	South Till			
05/12/23	7	Inclusion	of quality checkpoints; Standard		*		J. Loterte	C. Villanueva	A. Alalies	n/a	A.Hernandez ()	C. Villauev	a /	A. Aranes	n/a
Eff. Date	Rev. No			Details	of Change		Revised	Reviewed	Approved N	loted Es	st. Date:	July 12, 2023			

			WORK INSTRUCTION	Effectivity Date:	June 3, 2024
		Process Name/Title:	TAPING ASSEMBLY PROCESS	Validity Date:	n/a
		Model code/Part number:	<b>320B</b> / <b>7L0053-7025</b> Customer: <b>TRQSS</b> Car Model: <b>TOYOTA-RAV4</b>	Document No.:	WI-ENG-PDE-139B
		Purpose:	□ PROTOTYPE □ PRE-LAUNCH ■ MASSPRO	Revision No.:	9 Page No.: 2 of 6
PARTS:	1. Assy	parts		JIG	Insertion jig with switch cover
NO.	Р	ROCESS NAME	WORK PROCEDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
		Connector setting to	Visual reference Button Wire guide  I-mark  CONNECTOR ORIENTATION  INSERTION JIG ORIENTATION		I-mark is NOT 2 holes are open
2	P2	insertion jig 6188-0066 (GR) with assy parts	1. Push the lower wire guide upward using right thumb. Slot for Green wire will be opened.  2. Press the lock using left thumb.  3. Flip the assy parts upward to make way for insertion using left hand. Push the wire guide upward using right hand. Slot for Green wire will be opened.	n/a	1. Use provided jig per model 2. No wrong usage of parts 3. No wrong orientation of connector 4. No damaged connector

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		Model code/Part number:	320B / 7L0053-7025	Customer: TRQSS	Car Model: TOYOTA-RAV4	Document No.:	WI-ENG-PDE-139B			
PARTS: 1. Assy parts 2. TVSSf 0.3  NO. PROC  3  P2	Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO	Revision No.:	9 Page No.: 3 of 6				
	ı					I				
PARTS:	,	•	mm; G wire L=806±3mm			JIG	Insertion jig with switch cover			
NO.	Р	ROCESS NAME	WORK	( PROCEDURE/ ILLUSTR	RATION	TOOLS/PPE	QUALITY POINTERS			
3	P2	Wire insertion to connector 6188-0066 (GR)	1 Green R	1 Hold the Green wire then insert to terminal slot 1 using right hand.  3. Hold the B/W wire then insert to terminal slot 2 using right hand.	2. Press the button using right thumb. The slot for B/W wire will be opened.	n/a	1. No loose insertion 2. No wrong insertion 3. One by one insertion 4. No deformed terminal 5. No wrong wire facing  Document references: 1. Refer to WI-PRO-CNC-017 for Wire and Strip Length Tolerance 2. Refer to GL-PRO-ASY-029 for Pull-Push procedure. Important reminders/Note/s: 1.Make sure wires are properly inserted. Conduct Pull-Push-Pull-Push after insertion. Do not exert extra force.			
4		Wire insertion to SV tube (Vinyl) (Ø7 L=213±3mm) with assy parts	SV (vinyl) tube Ø7 L=213±3mm	1. Hold the assy parts upward using left hand. Insert the Green and Black/White wires to SV (vinyl) tube using right	2. After insertion, push the lock using left thumb then hold the wires and gently pull out the connector from jig using right hand.	n/a	No wrong insertion     No deformed terminal			

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		Process Name/Title:		TAPIN	IG ASSEMBI	LY PROCES	SS		Validity Date:			n/a	a
		Model code/Part number:	320B /	7L0053-7025	Customer:	TRQSS Ca	ar Model:	TOYOTA-RAV4	Document No.:			WI-ENG-P	DE-139B
		Purpose:	PROTOTYP	E	PRE-LAUNCH	<u>,</u>	MASSPRO		Revision No.:		9	Page No.:	4 of 6
	ı										1	<u>l</u>	
PARTS:	1. Assy 2. Black	parts Corrugated tube Ø5 L=39	7±3mm (no slit)							JIG	1. Lockir 2. Termi	ng jig nal cover jig	
NO.	PF	ROCESS NAME		WORK	PROCEDURE/	ILLUSTRATI	ON		TOOLS/	PPE	QUALITY POINTERS		
5	P2	Connector Lock	Put the connect using right hand the connector lock properly locked.	nen press 2x. Touch	Co NG Unlock Condition	Hal	After press Section NG		LOCKING	JIG	1. Mar dama 1. Use t model 2. No ur	nual lockin ged lock. the provided	ders/Note/s: g may cause d locking jig per ocked connector k
6		Wire Insertion to Black Corrugated tube Ø5 L=397±3mm (no slit)		e terminal cover of the trand then of the then of the trand then of the transfer of the transf	2. Get the corruga (no slit) Ø5 L=39 using right hand the G-B/W wires hand.	R ated tube 7±3mm hen insert		tion, remove cover jig using	TERMINAL O	COVER		rong use of eformed ter	

					WORK IN	ISTRUCTION	ON			Effectivity Date:			June 3, 2	2024
		Process Name/Title: TAPING ASSEMBLY PROCESS							Validity Date:			n/a		
		Model code/Part number:	320B	/	7L0053-7025	Custor	ner: TR	QSS Car Model:	TOYOTA-RAV4	Document No.:			WI-ENG-PD	E-139B
		Purpose:	□PR	ОТОТУРЕ		☐ PRE-LA	UNCH	MASSPRO	0	Revision No.:		9	Page No.:	5 of 6
	1											1		
PARTS:	1. Assy	parts			٨						JIG	n/a		
NO.	Pi	ROCESS NAME			9 work	PROCEDU	IRE/ ILLU	<b>JSTRATION</b>		TOOLS/	PPE	Q	UALITY PO	DINTERS
7		Wire insertion to Black VM tube (Sunprene) Ø5 L=125±3mm	L			R	L=12 G-B/\	et the Black VM tube 5±3mm using right ha W wires using left han	and then insert the	n/a	No wrong use of parts.     No damaged terminal			
8	P2	Taping 1 Black sunprene tube to wire near terminal	2. Hold	d the VM llow tap ss using t	tube (Sunprene) use using right hand aboth hands.	sing left hand and begin tap	hand, m (Sunpresusing bo	the VM tube (Sunprer easure from end of V ne) up to terminal pointh hands.  Start of taping  3. After taping, clalignment, measure condition.	M tube inted tip 59±3mm	MEASURI TAPE	5 6 7 8 9	2. No pe 3. No loc 4. No mis 5. No wro 6. No wro 1. Pl calib mea. getti Docu 1. Ple	ssing tape ong dimension ong use of tape  ortant remind ease use orated/verifie suring tape v ing the meas  ument referei ease refer to	d when urement. nces:

	1 =		WORK INST	RUCTION			Effectivity Date:		June 3, 2	024			
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	Model code/Part number:	320B	/ 7L0053-7025	Customer: TRC	SS Car Model:	TOYOTA-RAV4	Document No.:		WI-ENG-PDE	<u>-</u> -139B			
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PARTS: n/a			A				JIG:	n/a					
Important reminde	mportant reminders and note/s:  9 VISUAL INSPECTION/QUALITY CHECKPOINTS												
P2  GOOD				7L0	053-7	7025		GO	DOD C	GOOD			
NO GOO	No Unloc	_					3	NO	GOOD	NO GOOD			
2	Halflocke No wrong Backing (	g inser	nector rt/ No Term	inal	(3) No	Missing	Wrong use	of Ta	ape				