		7			WORK INSTR	RUCTION					Е	ffectivity Date:			January 18, 2	023
			Process Name/Title:		TAPIN	G ASSE	IBLY PROCE	SS			V	'alidity Date:			n/a	
	-11		Model Code/Part Number:	380D	/ 7L0139-7020	Custome	er:	TRQSS			D	Oocument No.:			WI-ENG-PDE-	612
			Purpose:	□ P	ROTOTYPE	PRE-LAU	NCH	☐ MASS	PRO		R	Revision No.:		0	Page No.:	1 of 11
														,		
PARTS:			ector 6188-0066 (GR) with inserted f 0.3 wires G-B/W L=677±3mm	Dummy Seal [2	2pcs]							JIG:		n/a		
NC).		PROCESS NAME		WORK F	ROCEDU	RE/ ILLUSTRA	TION				TOOLS/PPE			QUALITY POIN	ITERS
1		n/a	Wire Insertion to Connector 6188- 0066 (GR)	wire and inse	CONNECTOR ORIENTATION Black/wh R Innector 6188-0066 (GR) then hold the ert to terminal slot 1 of connector usin oush pull after wire insertion.	VISUAL F	2. Hold the conn wire and insert thand. Conduct 2:	Coreen wire	2 of connect	or using right		Safety Instruction Be sure to wear requir personal protective equipment during operation (gloves, fing cots, etc.) Housekeeping 1. Maintain and alwar practice 5's. 2. Personal things on t workplace is prohibite Keep it in your locke Alert level For any trouble, inform Assembly Assistant Supervisor or Line Lead for immediate correcti action.	ed gger	2. No wrong 3. No damag 4. No wrong 5. No loose 6. No wrong 7. One by or 8. No deform 9. No wrong Important n 1. Please ho 2. Make sur Conduct Pul Do not exer Document 1 1. Refer to procedure. 2. Refer to Length Tole	insertion ne insertion ned terminal wire facing eminders/Note/s: Id the wire near term e wires are properly. Il-Push-Pull-Push after t extra force. IGL-PRO-ASY-029 for P WI-PRO-CNC-017 for erance	inal. nserted. insertion. ull-Push Wire and Strip
	1				Revision History			1	Т			Prepared by	Re	eviewed by	Approved by	Noted by
01/18/23	0	Initial issu	9					D. Castillo	J. Loterte	C. Villanueva	A. Arañ	ies D. Castillo	(. Loverte	C. Villanueva	A. Aranes
Eff. Date	Rev. No			De	etails of Change			Prepared	Reviewed	Approved	Note	d 🗷 st. Date:	Januar	y 18, 2023		

NBC (Philippines)

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DCC Stamp

			WORK INSTRUC	TION	Effectivity Date:	January 18, 2023
		Process Name/Title:	TAPING AS	SEMBLY PROCESS	Validity date	n/a
		Model Code/Part Number:	380D / 7L0139-7020	Customer: TRQSS	Document No.:	WI-ENG-PDE-612
		Purpose:	□ РКОТОТУРЕ	PRE-LAUNCH MASSPRO	Revision No.:	0 Page No.: 2 of 11
	ı	•				
PARTS:	1. Assy 2. Black	parts k Corrugated tube Ø5 L=482±3	3mm (no slit)		JIG	Locking jig Terminal cover jig
NO.	I	PROCESS NAME	WORK PROCE	EDURE/ ILLUSTRATION	TOOLS/PPE	QUALITY POINTERS
2		Connector Lock	1. Put the connector into locking jig using right hand then press 2x. Check if properly locked.	Connector Cross Sectional View NG NG GOOD Pressing Unlock Condition Unlock Condition Condition		Use the provided locking jig per model No unlock/half-locked connector
3	n/a	Wire Insertion to Black Corrugated tube Ø5 L=482±3mm (no slit)	1. Get the terminal cover jig using right hand then insert the G-B/W wires using left hand.	2. Get the corrugated tube (no slit) Ø5 L=482±3mm using right hand and then insert the G-B/W wires using left hand. 3. After insertion, remove the terminal cover jig using right hand.	TERMINAL COVER JIG	No wrong use of parts No deformed terminal

			WORK INSTRUC	CTION		Effectivity Date:	January 18, 2023
		Process Name/Title:	TAPING A	SSEMBLY PROCES	SS	Validity date	n/a
		Model Code/Part Number:	380D / 7L0139-7020	Customer:	TRQSS	Document No.:	WI-ENG-PDE-612
		Purpose:	☐ PROTOTYPE	PRE-LAUNCH	☐ MASSPRO	Revision No.:	0 Page No.: 3 of 11
		<u> </u>					
PARTS:	1. Assy 2. Blac	/ parts k VM tube (Sunprene) Ø5 L=1	25±3mm	3. Black tape		JIG	n/a
NO.		PROCESS NAME	WORK PROC	CEDURE/ ILLUSTRATION	ON	TOOLS/PPE	QUALITY POINTERS
4		Wire insertion to Black VM tube (Sunprene) Ø5 L=125±3mm			Sunprene) Ø5 L=125±3mm In insert the G-B/W wires using	n/a	No wrong use of parts No deformed terminal
5	n/a	Taping 1 Black sunprene tube to wire near terminal	Start of taping 2. Hold the tube using left hand, get	4 5 6 7 tt u		MEASURING TAPE 6 7 8 9 10 1 2 3 4 5 6 7 8 9 100 2 2 3 4 5 6 7 8 9 100 2 3 3 4 5 6 7 8 9	Wire alignment tolerance 1. No flip-out tape 2. No peel-off tape 3. No loose tape 4. No missing tape 5. No wrong use of tape 6. No wrong dimension Important reminders/Note/s: Please use calibrated/verified measuring tape when getting the measurement.

				WORK INSTRUCT	ΓΙΟΝ		Effect	tivity Date:	January	y 18, 2023
		Process Name/Title:		TAPING AS	SEMBLY PRO	OCESS	Validit	ity date	1	n/a
		Model Code/Part Number:	380D	/ 7L0139-7020	Customer:	TRQSS	Docur	ment No.:	WI-ENG	G-PDE-612
		Purpose:	☐ PRO	ТОТҮРЕ	PRE-LAUNCH	☐ MASSPRO	Revisi	sion No.:	0 Page No.	: 4 of 11
		•					•		·	
PARTS:	1. Assy 2. Blac							JIG	n/a	
NO.		PROCESS NAME		WORK PROCE	EDURE/ ILLUST	TRATION	7	TOOLS/PPE	QUALITY	POINTERS
6	n/a	Taping 2 Black COT to Black VM tube (Sunprene) near terminal	6 7 8	1. Measure from end of corrug using both hands. Start of taping R tape width	2. Hold the corr sunprene tube the Black tape the process using b	rugated tube and using left hand, get then start taping oth hands. 3mm 1 2 3 4 5 6	Western Control	3 9 4D 1 2 3 4, 5 6 7 8 9 8	Important remin Please use calibra measuring tape w measurement. 1. No flip-out tape 2. No peel-off tape 3. No loose tape 4. No missing tape 5. No wrong use of 6. No wrong dimen	ted/verified then getting the

					WORK INSTRUC			Effectivity Date:			January 1	8, 2023
		Process Name/Title:			TAPING AS	SSEMBLY PRO	DCESS	Validity date			n/a	l
		Model Code/Part Number:	380D	1	7L0139-7020	Customer:	TRQSS	Document No.:			WI-ENG-P	DE-612
		Purpose:		PROTOTY	PE	PRE-LAUNCH	☐ MASSPRO	Revision No.:		0	Page No.:	5 of 11
	1	l						l	•			
PARTS:	1. Clam 2. Clam	np 82711-16820 (BR) [2pcs.] np 82711-52090 (W) [2pcs.]				3. Black tape [2p	ocs.]		JIG	1. Tempo	orary clamp a	assembly jig
NO.		PROCESS NAME			WORK PROC	EDURE/ ILLUST	RATION	TOOLS/	PPE	Ql	JALITY P	OINTERS
7	n/a	Clamp setting		hands then hands.	s. of clamp 827111-52090 In set to clamp location 3 at s. of clamp 827111-16820 In set to clamp location 1 at	nd 4 using both	02/11-1020(Co Re	nnector eceiver pase 1	Importa 1. Pleas start of of clam 1. No wro 2. No dar 3. No mis 4. No wro 5. No mis 6000	ant reminde. See check the Conguse of clamaged clamp. Conguse of clamaged clamp. Conguse of the congust of th	amp Dome STRATION NG 82711-12A80 (W)

				WORK INSTRUC	TION		Effectivity Date:	January 18, 2023
		Process Name/Title:		TAPING AS	SEMBLY PRO	CESS	Validity date	n/a
		Model Code/Part Number:	380D /	7L0139-7020	Customer:	TRQSS	Document No.:	WI-ENG-PDE-612
		Purpose:	☐ PROTO	OTYPE	PRE-LAUNCH	☐ MASSPRO	Revision No.:	0 Page No.: 6 of 11
		1						
PARTS:	1. Assy	parts						JIG 1. Temporary clamp assembly jig
NO.		PROCESS NAME		WORK PROCE	EDURE/ ILLUSTR	RATION	TOOLS/PPI	E QUALITY POINTERS
8	n/a	Clamp assembly	above illustration 6188-0066 (GR) t to set the harness wires to stopper i 2. Initially tighten and 2 using both 3. Get the bando the band clamp of Continue on clan	arts then set into jig. (See n). First, set the connector to Receiver base 1. Continue is in jig. Last, set the G-B/W then press by toggle clamp. In the band clamp on location 1 hands. In gun using right hand then cut on location 1 using both hands. In gun using right cutter depends on the size be.	QR Code label for Locatic	CONNECTOR SETTING Facing BANDO GUN ALIGNMENT PERPENDICULARITY OK NG	BANDO GUN	Important reminders/Note/s: 1. Make sure no gap between stopper and terminals 1. No wrong use of clamp 2. No damaged clamp 3. No missing clamp BANDO GUN ILLUSTRATION GOOD RELAT NOSEPIECE EXTENDED NOSEPIECE

				WORK INSTRUCT	ΓΙΟΝ		Effectivity Date:		January 18, 2023
		Process Name/Title:		TAPING AS	SEMBLY PR	ROCESS	Validity date		n/a
		Model Code/Part Number:	380D /	7L0139-7020	Customer:	TRQSS	Document No.:		WI-ENG-PDE-612
		Purpose:	☐ PROTOTYF	PE I	PRE-LAUNCH	☐ MASSPRO	Revision No.:		0 Page No.: 7 of 11
	,	1					'		
PARTS:	1. Assy	parts						JIG	Temporary clamp assembly jig
NO.		PROCESS NAME		WORK PROCE	DURE/ ILLUS	STRATION	TOOLS/I	PPE	QUALITY POINTERS
S	n/a	Clamp assembly (Continuation)	And Section 1 An	ap on location 2 using both	QR Code la 5. Hold the windings hands. Community windings had a commu	CONNECTOR SETTING	BANDO G	GUN	Important reminders/Note/s: 1. Make sure no gap between stopper and terminals 1. No wrong use of clamp 2. No damaged clamp 3. No missing clamp BANDO GUN ILLUSTRATION GOOD NG RLAT NOSEPIECE EXTENDED NOSEPIECE TO

				W	ORK IN	STRUCT	ION			Effectivity Date:			January 1	8, 2023
		Process Name/Title:			TAP	ING AS	SEMB	LY PROCE	SS	Validity Date:			n/a	
		Model Code/ Product Number:	380D	/ 7	L0139	-7020	Custo	mer:	TRQSS	Document No.:			WI-ENG-P	DE-612
		Purpose:	F	PROTOTYPE			PRE-LA	UNCH	MASSPRO	Revision No.:		2	Page No.:	8 of 11
										•				
PARTS:	1. Assy 2. Label	parts I 7V8130-0020									JIG	1. Temp	oorary clamp a	assembly jig
NO.		PROCESS NAME			WOR	K PROCI	EDURE/	ILLUSTRA	TION	TOOLS/	PPE	Q	UALITY P	OINTERS
			SWITCH ASSY P/N	SWITCH ASSY PART NUMBER REFERENCE	PART NO.	TOYOTA PART NO.	SEAT POSITION	SEAT TYPE	39	Model code				
			7L0141-702	41	7V8120-0020	73230-AQ020	DRIVER	POWER						
			7L0140-702	40	7V8110-0020	73230-AQ010	DRIVER	PWR + MEM		1. Get the label.				
			7L0139-702	39	7V8130-0020	73230-AQ040	DRIVER	MANUAL	73230-AQ04 Ite	Note: Check the model code, item	,			
9	n/a	Label attachment	label	gn the end par in the jig.		label	-	er part of the	T3330-AGM PRIVER MARIAN PRIVER	ign both end part of label . Acceptable overlap	od and and and and and and and and and an	5. No m 6. No lo	amage	ent

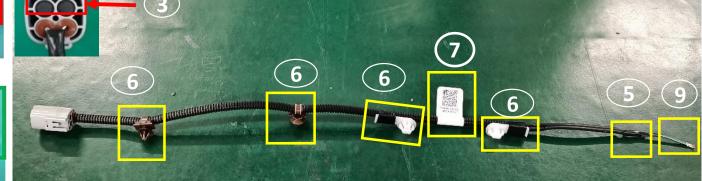
				WOR	K INSTRUC	CTION		Effectivity Date:	January 18, 2023
		Process Name/Title:		T	APING AS	SSEMBLY PROC	CESS	Validity date	n/a
		Model Code/Part Number:	380D	/ 7L01	39-7020	Customer:	TRQSS	Document No.:	WI-ENG-PDE-612
		Purpose:	☐ PR	ОТОТҮРЕ		PRE-LAUNCH	☐ MASSPRO	Revision No.:	0 Page No.: 9 of 11
	1							I	
PARTS:	1. Assy	parts						JIG	n/a
NO.		PROCESS NAME		W	ORK PROC	EDURE/ ILLUSTR	ATION	TOOLS/PPE	QUALITY POINTERS
10	n/a		mbled		duct ent of seering evs.	e connector lock, terminal. 4. Check the presence of QR code and its part number.	5. Check the taping condition.	3. Check the Y-Taping condition, presence of all clamp attachment, taping condition and band clamp cut condition. 6. Check the terminal appearance and taping condition. Must be no deformed terminal.	Important reminders/Note/s: 1. Using a steel rule, check if the band cut measurement is within the required dimension (0~2mm) and should not exceed the maximum value.

				١	WORK INSTRUC				Effectivity Date:	:		January 1	
		Process Name/Title:			TAPING AS	SEMBL	Y PROCES	SS	Validity date			n/a	1
		Model Code/Part Number:	380D	1	7L0139-7020	Custom	er:	TRQSS	Document No.:			WI-ENG-F	DE-612
		Purpose:	□ P	ROTOTYPE		PRE-LAU	NCH	☐ MASSPRO	Revision No.:		0	Page No.:	10 of 11
	1								•		1		
PARTS:	1. Assy	parts								JIG	n/a		
NO.		PROCESS NAME			WORK PROC	EDURE/ I	LLUSTRATI	ON	TOOLS	PPE	QI	JALITY P	OINTERS
11	n/a	Measurement	12	±5mm	MEASURING TA	Note Plea whe	se use calibrate n getting the m	d/verified measuring tape easurement. 97±3mm 35±3mm	216±3mm		1. FOR H	nt reminders ATSUMONO MONO	O AND

	Process Name/Title:		WORK INSTRUC	CTION SSEMBLY PROC		Effectivity Date: Validity date	January 18, 2023 n/a
	Model Code/Part Number:	380D /	7L0139-7020	Customer:	TRQSS	Document No.:	WI-ENG-PDE-612
	Purpose:	☐ PROTOTY		PRE-LAUNCH	☐ MASSPRO	Revision No.:	0 Page No.: 11 of 1
PARTS:	1. Assy parts		QU	ALITY CHECKPO	OINTS	JIG	n/a
			7L	0139-7	'020		
1				NAME OF THE OWNER O			











GOOD

GOOD



NO GOOD

NO GOOD

GOOD

- No Unlock/ Half Lock Connector
- **No Wrong Insert**
- **No Missing Dummy Seal**

- No Terminal Backing out (7) No QR code label
- **No Missing Tape**
- **Checking of Clamp Alignment**
- No Missing Clamp (4pcs)
- **No Deformed Terminal**

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