| | | | | WORK IN | ISTRUCTION | | | | Effec | tivity Date: | | February 28, 2024 | | | |
|--------------|--------|-------------------------|---|--|------------------------|-----------------|------------------------------|---------------------|------------|--|-----------------|-----------------------------------|----------|--|--|
| | | | Process Name/Title: | TAPII | NG ASSEMBLY PRO | CESS | | | Validi | ty Date: | | n/a | | | |
| | _1 | | Model code/Part number: | 310D / 7N0190-7020A | Customer: TRJ | Car Model: | TOYO | TA RAV4 | Docu | ment No.: | | WI-ENG-PDE-80 | 4A | | |
| | | | Purpose: | PROTOTYPE | PRE-LAUNCH | MASSE | PRO | | Revis | sion No.: | 1 | Page No.: | 1 of 8 | | |
| PARTS: | | | nector 6098-5668(W) Sf 0.3 wires B-B L=200±2m parts | ım | 4. Black SV tube (viny | yl) ø5 L=18±3mm | | | | JIG: | 1. Insertior | 1. Insertion jig | | | |
| NO. | ı. | F | PROCESS NAME | WORK | PROCEDURE/ ILLUSTE | RATION | ATION | | TOOLS/PPE | | (| QUALITY POINTERS | | | |
| 1 | | P1 | Table Lay-out | Connector 6098-5668 (W) Insertion Jig Lock jie | Assy Parts | Bla | | 0.3 wires B-200±2mm | pr (glo | Bafety Instruction Be sure to wear required personal otective equipmen during operation oves, finger cots, et Housekeeping Maintain and alway practice 5's. Personal things or the workplace is rohibited. Keep it ir your locker. Alert level r any trouble, infort Assembly Assistat Supervisor or Line eader for immediate corrective action. | nt | ing parts/tools ss parts/tools | | | |
| | | 1 | | Revision History | | | | , | | Prepared by | Reviewed by | Approved by | Noted by | | |
| | | | | | | | | | | | | | | | |
| | | 01 | Day Investor Management 1, 1, 1 | (table become | | A 11 | 0.1/:!! | A A | | | 1/ 4 1/ | 1 CALL | | | |
| 02/28/24 | 0 | Change I Initial iss | Pre-launch to Mass pro. Inclusion o | or rable lay-out. | | | C.Villanueva C.Villanueva | A. Arañes A. Arañes | n/a | Orluniandez A.Hernandez | fort form | | , | | |
| Eff. Date Re | | ii iiuai iSS | uc | Details of Change | | | | | n/a | _ | C.Villanueva | ✓ A. Austries | n/a | | |
| Zato Re | v. INU | <u> </u> | | Details of Change | | Revised | Reviewed | Approved N | loted | Est. Date: J | anuary 17, 2024 | | | | |



| | | | WORK IN | STRUCTION | | | Effectivity Date: | | February 28, 20 |)24 |
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| | | Process Name/Title: | TAPII | NG ASSEMBLY PRO | CESS | | Validity Date: | | n/a | |
| | | Model code/Part number: | 310D / 7N0190-7020A | Customer: TRJ | Car Model: | TOYOTA RAV4 | Document No.: | | WI-ENG-PDE-8 | 04A |
| | | Process Name/Title: TAPING ASSEMBLY PROCESS Validity Date: n/a Model code/Part number: 310D / 7N0190-7020A Customer: TRJ Car Model: TOYOTA RAV4 Document No.: WI-ENG-PDE-804A Purpose: PROTOTYPE PRE-LAUNCH MASSPRO Revision No.: 1 Page No.: 2 of 8 Parts SV tube (vinyl) ø5 L=18±3mm 3. Connector 6098-5668 (W) JIG: n/a | 2 of 8 | | | | | | | |
| PARTS: | 1. Assy 2. Blac | | 3mm | 3. Connector 6098-56 | 668 (W) | | JIG: | n/a | | |
| NO. | F | PROCESS NAME | WORK | PROCEDURE/ ILLUST | RATION | | TOOLS/PPE | (| QUALITY POIN | TERS |
| 2 | | SV tube (vinyl) ø5 | | right hand then | x Vinyl tube ø5 L insert the Y-OR | L=18±3mm using ! wires using left | n/a | 1. No wron | g use of parts | |
| 3 | P1 | insertion jig 6098-5668 (W) | Visual reference Low Push 1. Press the insertion jig | I-mark ider Insertion Jig Long Pres R 2. Get the connector 6098-5 insert to insertion jig. Release | Release 6668 (W) using rise the lock after 3. Push the low-upward using rig | right hand and insertion. | | 2. No wron 3. One by 6 4. No defor 5. No wron 1. Please 2. Make s inserted. Conduct insertion. Do not ex Documen 1. Refer to | g insertion one insertion rmed terminal g wire facing t reminders/Note hold the wire ne- ure wires are pri Pull-Push-Pull-Pi rert extra force. ont references: | ar terminal. operly <u>ush</u> after |

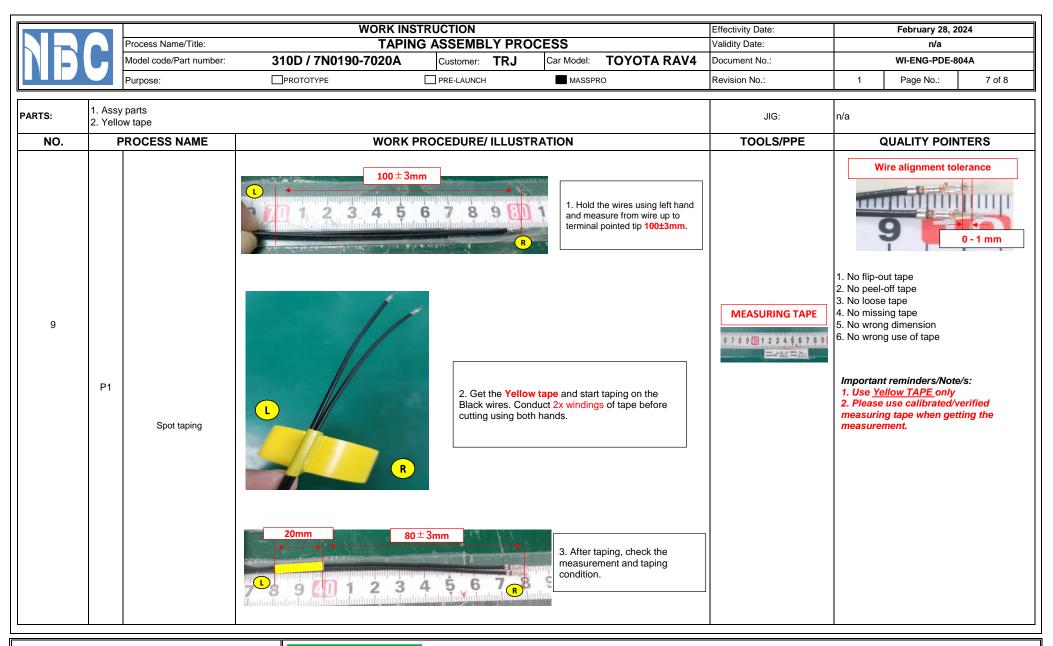
| | | | WORK INS | STRUCTION | | | Effectivity Date: | | February 28, 2 | 024 |
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| Process Name/Title: | | Process Name/Title: | | NG ASSEMBLY PRO | OCESS | | Validity Date: | | n/a | |
| | | Model code/Part number: | 310D / 7N0190-7020A | Customer: TRJ | Car Model: | TOYOTA RAV4 | Document No.: | | WI-ENG-PDE-8 | 04A |
| | | Purpose: | □ргототуре | PRE-LAUNCH | MASSPE | २० | Revision No.: | 1 | Page No.: | 3 of 8 |
| PARTS: 1. Assy | | parts | | | | | JIG: | 1. Locking jig | | |
| NO. | F | PROCESS NAME | WORK | PROCEDURE/ ILLUST | TRATION | | TOOLS/PPE | | QUALITY POIN | ITERS |
| 4 | P1 | Wire insertion to connector 6098-5668 (W) | 1. Hold the insertion jig using left ha Get the assy part and hold the Yello wire then insert to connector using I hand. 2 Orange w 3. Hold the Orange wire and insert to connector using right hand. | and. DW right 2. Pres for Ora 4. After ins and then h | sertion, push the | Press R lock using left thumb d gently pull out the | n/a | Importa 1. Pleas during i 2. Make insertec Push af Do not o Docume 1. Refer Wire an 2. Refer | | near terminal roperly rush-Pull017 for colorance |

| | | | WORK INS | | | | Effectivity Date: | | February 28, 20 | 24 |
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| | | Process Name/Title: | TAPIN | | Validity Date: | n/a | | | | |
| | | Model code/Part number: | 310D / 7N0190-7020A | Customer: TRJ | Car Model: | TOYOTA RAV4 | Document No.: | | WI-ENG-PDE-80 | 4A |
| | | Purpose: | PROTOTYPE | PRE-LAUNCH | MASSPE | ₹0 | Revision No.: | 1 | Page No.: | 4 of 8 |
| PARTS: | 1. Assy 2. AVS | parts Sf 0.3 wire B-B L=200±2mr | m | 3. Connector 6098-56 | 668 (W) | | JIG: | n/a | | |
| NO. | PROCESS NAME | | | ROCEDURE/ ILLUST | RATION | | TOOLS/PPE | (| QUALITY POINT | TERS |
| 5 | | Wire insertion to Black Vinyl tube ø5 L=18±3mm (Assy parts) | Black Vinyl tube ø5 L=18±3mm | 1. Get the B-B ø5 L=18±2mm | | t to Black Vinyl tube sing right hand. | n/a | 1. No wron | g use of parts | |
| | P1 | Wire insertion to connector 6098-5668 | Connector orientation | VISUAL REFE | RENCE | Wire facing | | 4. No defoi 5. No wron Important 1. Please | | r terminal. |
| 6 | | (W) (Assy parts) | 1. Hold the connector 6098-5668 (W) the get the Black wire and insert to termina slot 1 using right hand. Conduct 2x pusl pull after wire insertion. | slot 2 using ri | ack wire and ins | Reert to terminal uct 2x push- | n/a | Document 1. Refer to Push pro 2. Refer to 1. | ert extra force. at references: o GL-PRO-ASY-02 | 9 for Pull- |

| | | | Effectivity Date: | | February 28, 2024 | | | | | | |
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| | | Process Name/Title: | Validity Date: | | n/a | | | | | | |
| | | Model code/Part number: | 310D / 7N0190-7020A | Customer: | TRJ | Car Model: TOYOTA RAV4 | | Document No.: | WI-ENG-PDE-804A | | |
| | | Purpose: | PROTOTYPE | PRE-LAUNCH | 4 | MASSPI | ₹0 | Revision No.: | 1 | Page No.: | 5 of 8 |
| | | PROCESS NAME | WORK PROCEDURE/ ILLUSTRATION | | | JIG: TOOLS/PPE | 1. Locking jig QUALITY POINTERS | | | | |
| 7 | P1 | Connector lock | 1. Load the connector into the jight both side of the connector, tip first. Right thumb-Lower Left thumb-middle 3. Press the lower parts of connect right hand while left hand holding the left thumb-middle Left thumb-middle 5. Lift then press the connector in the middle using left and right hand. | or using ne middle. | 4. Press hand whi | ght thumb-upp thumb-thum | er Left of connector using right ding the middle. | LOCKING JIG | 2. Use prodamaged I Importan 1. Manua connecte 2. Refer | nt reminders/Note al locking may ca | model to avoid e/s: use damaged Proper |

| | _ | | WORK INS | TRUCTION | | | Effectivity Date: | | February 28, 20 | 024 |
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| | AL | Process Name/Title: | | G ASSEMBLY PRO | CESS | | Validity Date: | | n/a | |
| | | Model code/Part number: | 310D / 7N0190-7020A | Customer: TRJ | Car Model: | TOYOTA RAV4 | Document No.: | | WI-ENG-PDE-8 | 04A |
| | | Purpose: | ☐PROTOTYPE | PRE-LAUNCH | MASSPI | RO | Revision No.: | 1 | Page No.: | 6 of 8 |
| PARTS: | 1. Assy 2. Yello | | | | | | JIG: | n/a | | |
| NO. | O. PROCESS NAME WORK PROCEDURE/ ILLUSTRATION | | | TOOLS/PPE | QUALITY POINTERS | | | | | |
| 8 | P1 | Taping 1 Black SV tube (Vinyl) to wire near connector | Start of taping L P R 15 ± 3mm 0-5m | 1. Hold the tuk Yellow tape u pre-taping usin | 7 4. After ta | in Vinyl tube and, get the then start aping, check the ment and taping | MEASURING TAPE | 1. Use Y. 2. Please measuris measure 1. No flip-c 2. No peel- 3. No loose 4. No miss 5. No wron | out tape off tape e tape | ly verified |







| | | WORK INS | STRUCTION | | Effectivity Date: | Febru | ary 28, 2024 |
|-----------------|-----------------------------------|---------------------|-----------------|------------------------|--|--------|--------------|
| | Process Name/Title: | TAPIN | IG ASSEMBLY PRO | | Validity Date: | | n/a |
| | Model code/Part number: | 310D / 7N0190-7020A | Customer: TRJ | Car Model: TOYOTA RAV4 | Document No.: | WI-EN | G-PDE-804A |
| | Purpose: | □PRОТОТУРЕ | PRE-LAUNCH | MASSPRO | Revision No.: | 1 Page | No.: 8 of 8 |
| | | | | | | | · |
| PARTS: n/a | | | | | JIG: | n/a | |
| | | | QUALITY CH | ECKPOINTS | | | |
| P1 | | | 7N01 | 90-7020A | | | |
| GOOD NO GOOD | GOOD | 2 | 5 | 6 | | | GOOD NO GOOD |
| 1 No U | Inlock/Halflock ctor (2 connec | tor) | nsert 4 | of Tape (Yellow | 5 No Missing (Spot tap 6 No Deforn | • | al |