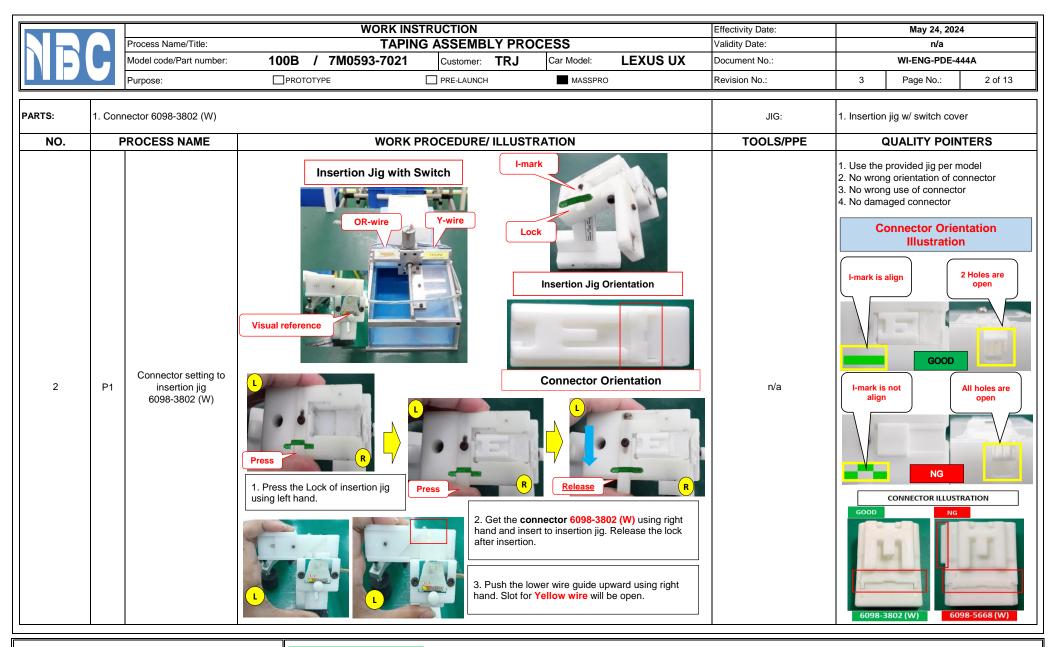
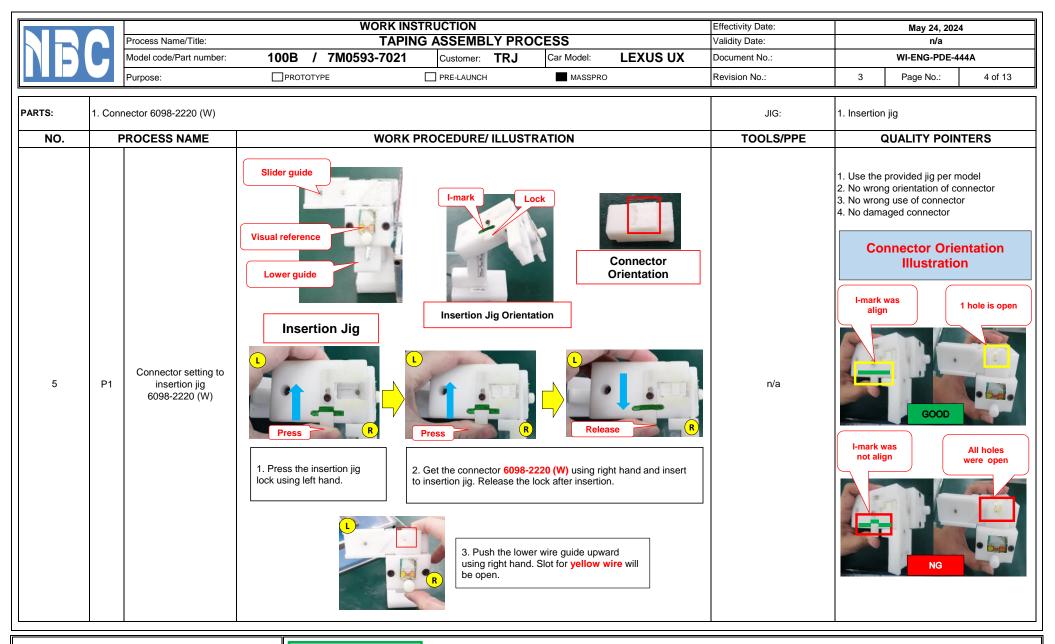
WORK INSTRUCTION Effectivity Date: May 24, 2024 Process Name/Title: TAPING ASSEMBLY PROCESS Validity Date: n/a																
			Process Name/Title:	TAPI	NG ASSEM	IBLY PROC	ESS		•		Validity	y Date:		n/a		
			Model code/Part number:	100B / 7M05	93-7021	Customer:	TRJ	Car Model:	LEX	US UX	Docum	nent No.:		WI-ENG-PDE-44	4A	
			Purpose:	PROTOTYPE		PRE-LAUNCH		MASSPR	RO		Revision	on No.:	3	Page No.:	1 of 13	
PARTS:		tube (no B/W L=6	slit) Ø7 L=163±3mm; Bla 685±3mm; Black tape [1pc	nector 6098-2220 (W); Conr ck corrugated tube Ø5 L=20°	±3mm; Black	corrugated tube	(no slit) Ø7	L=96±3mm; N				JIG:	2. Termina 3. Locking	I. Insertion jig with switch cover     Terminal cover jig     Locking jig (6098-222)		
N	).	PI	ROCESS NAME		WORK P	ROCEDURE/	ILLUSTRA	ATION		TOOLS/PPE			(	QUALITY POINTERS		
1		P1	Table Lay-out	Insertion jig A  Insertion jig C  MRSW G-B/W	Black corrug si Ø7 L=10 3 OR wires 8±2mm  Black CP TVSSf 0.3 L=685±3mm	AVSSf 0.3 Y wires L=438±2mm  Terminal cover jig	Connecto (W)/ Con		O4 Conn	ector 6188- 107 (W)/ nector tray	proproduced from the School Learning from the school of th	fety Instruction Be sure to wear escribed personal tective equipmed during operation alloves, finger cots etc.)  Housekeeping Maintain and alway practice 5's. Personal things the workplace is ohibited. Keep it your locker.  Alert level any trouble, info Assembly Assist Supervisor or Line ader for immedia corrective action.	al al ant ant ant ant ant at the at the ant at the at the ant at the at the ant at the a	ng parts/tools. ss parts/tools.  CONNECTOR ILLUST  NG  802 (W)  609	PRATION 28-5668 (W)	
1				Rev	ision History			1				Prepared by	Reviewed by	Approved by	Noted by	
05/24/24	3	as counte	rmeasure for the customer clai	Car mode 'LEXUS UX". Additional m(Broken lock of Connector 6098- 9-0407), improvement due to QC of	2220 (W) ).		. 0	A.Hernandez \	C. Villanueva	A. Arañes r	n/a			_		
06/08/23	2	to Assemb avoid criss	oly jig. Inclusion of Locking pro- scross.	cess-Connector 6098-2220 (W). C	hange position of	f Y-OR wire in Swite	ch cover to	D. Castillo	J. Loterte		rañes	Ohmondez	Month itter			
02/15/23	Inclusion of Quality checkpoints.  M.Ariola   J. Loterte   Villanueva   A. Arañes   A.Hernandez ()   Q. Villanueva   A. Arañes   n/a								n/a							
Eff. Date	Rev. No Details of Change Revised Reviewed Approved Noted Est. Date: March 05, 2022															





	_		WORK INS		Effectivity Date:	May 24, 2024					
		Process Name/Title:	TAPIN	IG ASSEMBLY PR	OCESS		Validity Date:		n/a		
		Model code/Part number:	100B / 7M0593-7021	Customer: TRJ	Car Model:	LEXUS UX	Document No.:		WI-ENG-PDE-4	44A	
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPR	0	Revision No.:	3	Page No.:	3 of 13	
PARTS:		Sf 0.3 Y/OR wires L=438±3 corrugated tube (no slit)	2mm Ø7 L=163±3mm; Ø5 L=201±3mm				JIG:	1. Insertior	1. Insertion jig		
NO.	F	PROCESS NAME	WORK	TOOLS/PPE	QUALITY POINTERS						
3	P1	Wire insertion to connector 6098-3802 (W)	1. Get the Yellow wire then insert to terminal slot 1 using right hand.  1. Get the Yellow wire then insert to terminal slot 1 using right hand.  2. R  3. Get the Orange wire then insert to terminal slot 2 using right hand.	Wire facing	the button using r for Orange wire v  4. the an an coo	of Yellow wire press ght hand. The slot will be opened.  After insertion, push lock using left thumb d then hold the wires do gently pull out the nector from jig using hand.	n/a	4. No defo 5. No wron Importa 1. Please during in: 2. Insertion right. 3. Make sinserted. Conduct insertion. Do not ex 1. Refer and Leng 2. Please	g insertion one insertion rmed terminal g wire facing nt reminders/N hold the wire ne	ear terminal ee from left to operly -Push after :	
4		Wire insertion to Black corrugated tube (no slit) Ø7 L=163±3mm Ø5 L=201±3mm	Get the Black corrugated tube (no slit L=163±3mm using right hand and inservices using left hand.	t) Ø7 rt the	e Black corrugated mm using right ha ing left hand.			1. No wron	g use of parts.		

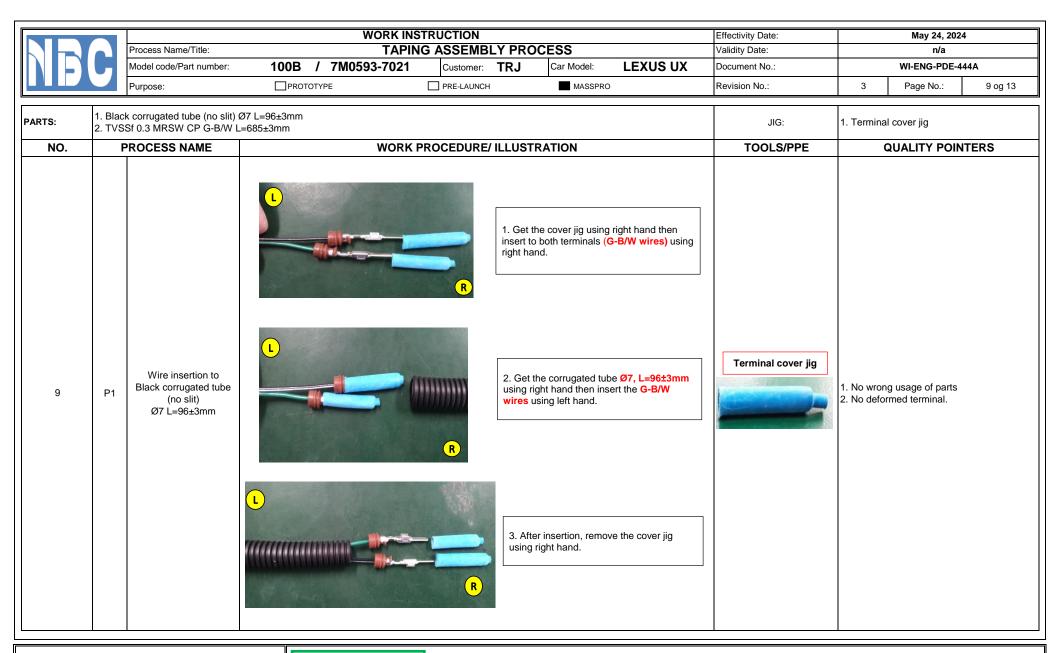


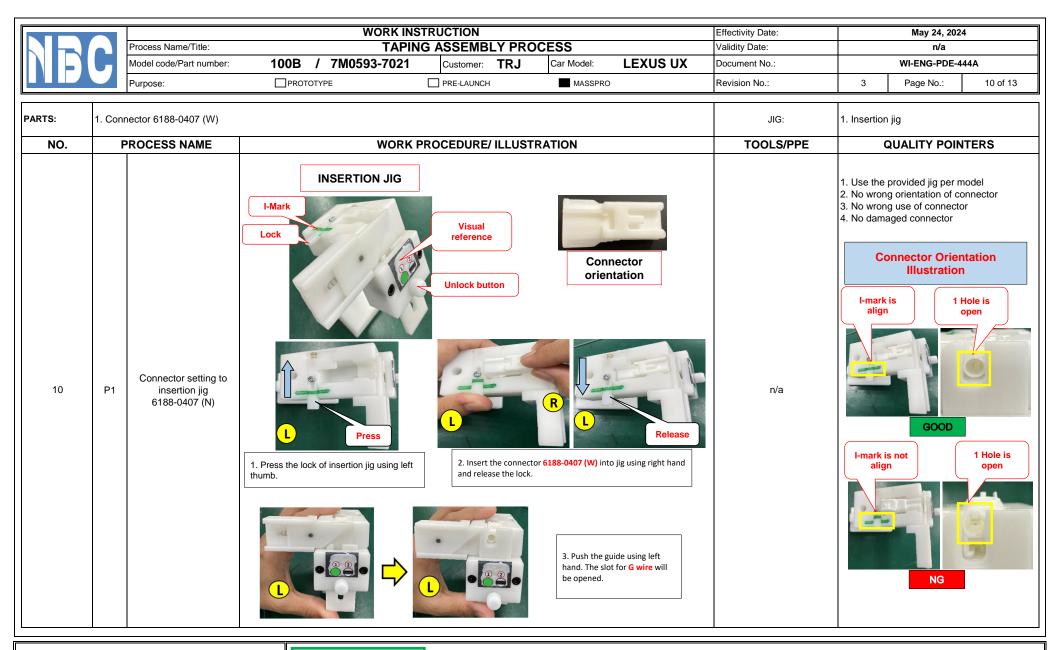
			WORK INS	Effectivity Date:	May 24, 2024					
		Process Name/Title:	TAPIN	Validity Date:		n/a				
		Model code/Part number:	100B / 7M0593-7021	Document No.:		WI-ENG-PDE-4	44A			
		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPR	)	Revision No.:	3	Page No.:	5 of 13
PARTS:	1. Assy	parts					JIG:	1. Insertion	n jig	
NO.	F	PROCESS NAME	WORK	TOOLS/PPE	QUALITY POINTERS					
6	P1	Wire insertion to connector 6098-2220 (W)	1. Hold the insertion jig using left hand Get the Yellow wire and insert to connector using right hand.  2 Orange wire  R  3. Get the Orange wire and insert to connector using right hand.	4. After inser and then hold		using left thumb	n/a	2. No wror 3. One by 4. No defo 5. No wror  Importa 1. Pleas during in 2. Insert right. 3. Make inserted. Conduct insertion Do not e  Docum 1. Refer and Len 2. Pleas	ion of wire must i sure wires are p	ear terminal oe from left to roperly I-Push after :: -017 for Wire

PARTS:  1. Assy parts  NO.  PROCESS NAME  WORK PROCEDURE/ ILLUSTRATION SIDE VIEW  TONNECTOR RETAINER ILLUSTRATION SIDE VIEW  TONNECTOR RETAINER ILLUSTRATION SIDE VIEW  1. Check the Retainer lock of connector before insertion to locking ig. Noise: Must be NO half-locked condition prior connector locking.  NG.  Proceded in the first in the process will a the judgment of connector lock.  In complete locking process will a the judgment of connector locking.  NG.  NG.  Proceded in the first in the process will a the judgment of connector locking.  NG.  NG.  NG.  Proceded in the process will a the judgment of connector locking in the process.  Na. Walking box NO.  NG.  Incomplete locking process will a the judgment of connector locking in the judgment of connector.  NG.  NG.  NG.  NG.  NG.  Proceded in the process.  Na. Walking base:  NG.  WHEND-PDE-444A  NG.  NG.  I. Locking jig.  NG.  NG.  I. Locking jig.  NG.  NG.  I. Check the Retainer lock of connector before insertion to locking jig.  NG.  NG.  NG.  NG.  NG.  NG.  NG.  N				WORK INS	STRUCTION			Effectivity Date:		May 24, 2024	1
PARTS: 1. Assy parts  NO. PROCESS NAME  WORK PROCEDURE/ ILLUSTRATION SIDE VIEW  CONNECTOR RETAINER ILLUSTRATION SIDE VIEW  1. Check the Retainer lock of connector before insertion to locking jig. Award latific connector in the fully inserted to connector locking. Sensor  RETAINER SENSOR  7 P1 Connector lock  Sensor  PROCESS NAME  WORK PROCEDURE/ ILLUSTRATION SIDE VIEW  1. Check the Retainer lock of connector before insertion to locking jig. Award latific connector in the fully inserted to connector locking. Sensor  RETAINER SENSOR  RETAINER SENSOR  7 P1 Connector lock  RETAINER SENSOR  RETAINER			Process Name/Title:	TAPIN	IG ASSEMBLY PRO	CESS		Validity Date:			
PARTS: 1. Assy parts  NO. PROCESS NAME  WORK PROCEDURE/ ILLUSTRATION SIDE VIEW  1. Check the Retainer lock of connector before insertion to locking jig to word half-loc connector.  2. Maintain 10mm proper holding of wire connector booking. Note: Mast by No half-locked condition prior connector slot. No half-locked connector.  3. In encountered abnornality, STO immediately CALL the attention of leader. WAIT for further instruction continue the process.			Model code/Part number:	100B / 7M0593-7021	Customer: TRJ	Car Model:	LEXUS UX	Document No.:		WI-ENG-PDE-44	44A
NO. PROCESS NAME  WORK PROCEDURE/ ILLUSTRATION  SIDE VIEW  1. Check the Retainer lock of connector before insertion into locking jig to avoid half-locked condition prior connector locking.  NOS NOS NOS Sensor  P1 Connector lock  RETAINER SENSOR  Sensor  RETAINER SENSOR  RETAINER SENSOR  Sensor  RETAINER SENSOR  RETAINER SENSOR  Sen		Purpose: □PROTOTYPE □ PRE-LAUNCH ■ MASSPRO Revision No.: 3 Page No.: 6 of 13									
NO. PROCESS NAME  WORK PROCEDURE/ ILLUSTRATION  SIDE VIEW  1. Check the Retainer lock of connector before insertion into locking jig to avoid half-locked condition prior connector locking.  NG  NG  P1 Connector lock  RETAINER SENSOR								-			
CONNECTOR RETAINER ILLUSTRATION SIDE VIEW  1. Check the Retainer lock of connector before insertion to locking ing. Note: Moster Most Description and to locking ing. Note: Moster Moste	PARTS:	1. Assy	parts					JIG:	1. Locking	jig	
CONNECTOR RETAINER ILLUSTRATION SIDE VIEW  1. Check the Retainer lock of connector before insertion to locking jig. Note: Mo half-locked condition prior connector locking.  1. Check the Retainer lock of connector before insertion to locking jig. Note: Mo half-locked condition prior connector locking.  1. Check the Retainer lock of connector before insertion to locking jig. Note: Mo half-locked condition prior connector locking.  1. Check the Retainer lock of connector before insertion to locking jig. Note: Most be No half-locked condition prior connector locking.  1. Check the Retainer lock of connector before insertion to locking jig. Note: Most be No half-locked condition prior connector locking.  1. Check the Retainer lock of connector before insertion to locking jig. Note: Malke sure no diffest setting before to pricess.  1. Wakes sure no diffest setting before to pricess.  1. No unlocked half-locked connector.  1. Innocrable locking process will a the jig.  2. No retainer in connector cannot proceed.  3. If encountered abnormality, STOF immediately CALL the attention of leader. WAIT for further instruction continue the process.	NO.		PROCESS NAME	WORK	PROCEDURE/ ILLUST	RATION 3		TOOLS/PPE	3	QUALITY POIN	TERS
2. Hold the assy parts using left hand and insert into connector locking jig based on the direction of arrow. Make sure the connector touch the sensor. Sound will be heard if properly lock.  NOTE: CONNECTOR LOCKING JIG WILL NOT FUNCTION IF CONNECTOR NOT REACH THE SENSOR.			<u>/3</u>	GOOD  HANDLE  Sensor  Sensor  Sensor  Sensor  Sensor  Sensor  2. Hold the assy parts using left hand ar connector touch the sensor. Sound will	NG  RETAIN SENSO  Ind insert into connector lock be heard if properly lock.	I.Coinse Not corrections of the sking jig based on the	ertion to locking jig. te: Must be NO half- nnector locking.	ack of connector before  locked condition prior	1. Please will not tou insertion ir connector. 2. Maintair connector 3. Connect connector 4. Make su process. 5. No wron. 6. No dam 7. No unlo Importa 1. Incomment in its important in its impor	ensure that Connected or hit by any obtate locking jig to avant 10mm proper hole or must be fully insisted.  In 10mm proper hole or must be fully insisted.  In 10mm proper hole or must be fully insisted.  In 10mm proper hole of the fully insisted in the fully connected aged connector locked/ half-locked of the fully connected agent reminders/Naplete locking properties.  In 10mm proper hole of the fully connected abnormately connected abnormately connected abnormately contracted	ctor lock/retainer oject prior void half-lock ding of wire to serted to g before locking ctor. ck connector.

			WORK IN	ISTRUCTION			Effectivity Date:	I	May 24, 202	1	
		Process Name/Title:	TAPI	NG ASSEMBLY PROC	CESS		Validity Date:		n/a		
		Model code/Part number:	100B / 7M0593-7021	Customer: TRJ	Car Model:	LEXUS UX	Document No.:		WI-ENG-PDE-4	44A	
ШТ		Purpose:	PROTOTYPE	PRE-LAUNCH	MASSPRO		Revision No.:	3	Page No.:	7 of 13	
PARTS:	1. Assy	parts			Δ.		JIG:	1. Locking	jig		
NO.	ı	PROCESS NAME	WORK	PROCEDURE/ ILLUSTR	ATION 3		TOOLS/PPE	3 QUALITY POINTERS			
7	P1	Connector lock (Continuation)	HOLD THE HANDLE  R SLIDE  STEP 1	L STEP 2	PULL-DOWN  R  SLIDE	jig using right ha and bring back to locking. Note: Pu	le of the connector locking nd then gently pull down o original position after all down one time only.	will not touinsertion in connector. 2. Maintain connector. 3. Connector connector: 4. Make suprocess. 5. No wrong 6. No dam? 7. No unloco.  Importain 1. Incompthe jig. 2. No retaproceed. 3. If encoimmediate leader. W	ensure that Connector or hit by any obto locking jig to an a 10mm proper hoor must be fully insolot.  If a connector of connector of connector of connector locked/ half-locked of the connector of conn	oject prior void half-lock Iding of wire to serted to g before locking ctor. ck connector  Iote/s: cess will alarm r cannot  lity, STOP and cention of the	

			WORK IN	STRUCTION		Effectivity Date:	May 24, 2024				
		Process Name/Title:		IG ASSEMB	SLY PRO	CESS		Validity Date:		n/a	
		Model code/Part number:	100B / 7M0593-7021	Customer:		Car Model:	LEXUS UX	Document No.:		WI-ENG-PDE-4	44A
		Purpose:	PROTOTYPE	PRE-LAUNCH	Н	MASSPRO		Revision No.:	3	Page No.:	8 of 13
PARTS:	1 Assy 2. Blac	parts k tape						JIG:	n/a		
NO.	F	ROCESS NAME	WORK PROCEDURE/ ILLUSTRATION					TOOLS/PPE	(	QUALITY POIN	ITERS
8	P1	Taping 1 Black corrugated tube to wire near connector	25±3mm  25±3mm  Tape width  0~3	Get Black start pre-	2. Measure using both process.	hands and conti	onnector 25±3mm		Importa 1.Please measurir measure Docume	off tape e tape ing tape ig use of tape ig dimension  ant reminders/i use calibrated/v ing tape when ge iment.  ent reference/s to WI-PRO-ASY	rerified tting the





			WORK INST		Effectivity Date:	May 24, 2024				
		Process Name/Title:		ASSEMBLY	PROCESS		Validity Date:	n/a		
		Model code/Part number:	100B / 7M0593-7021	Customer: TF		LEXUS UX	Document No.:		WI-ENG-PDE-4	14A
		Purpose:		PRE-LAUNCH	MASSPRO		Revision No.:	3	Page No.:	11 of 13
PARTS:	1.TVSS	Sf 0.3 MRSW CP G-B/W L	=685±3mm				JIG:	Insertion jig     Locking jig		
NO.	F	PROCESS NAME	WORK PF	ROCEDURE/ ILL	USTRATION		TOOLS/PPE	QUALITY POINTERS		
11	P1	Wire insertion to connector 6188-0407 (W)	1. Get the G wire then insert to terminal slot ① using right hand.  2. Get the B/W wire then insert to terminal slot ② using right hand.	4. Affand t	2. After insertion of G button using right han B/W wire will be oper	d. The slot for ned.  R  ock using left thumb gently pull out the	n/a	4. No deforms. 5. No wron  Importa 1. Please during in. 2. Make inserted. Conduct insertion. Do not e:  Docume 1. Refer in and Leng 2. Please	g insertion one insertion red terminal g wire facing on the reminders/le hold the wire nesertion.  Sure wires are properties of the pull-Push-Pull	ear terminal roperly I-Push after :: -017 for Wire

				WORK IN		Effectivity Date:	May 24, 2024					
		Process Name/Title:			IG ASSEM		CESS		Validity Date:	n/a		
	H	Model code/Part number:	100B	/ 7M0593-7021	Custome		Car Model:	LEXUS UX	Document No.:		WI-ENG-PDE-4	44A
		Purpose:	PROTO	OTYPE	PRE-LAUN	СН	MASSPR	RO	Revision No.:	3	Page No.:	12 of 13
PARTS:	1. Assy 2. Black								JIG:	n/a		
NO.	P	ROCESS NAME		WORK	PROCEDUR	E/ ILLUST	RATION		TOOLS/PPE QUALITY POINTER			TERS
12	P1	Taping 2 Black corrugated tube (no slit) to wire near connector	6 7 8	Section Longitude Line 1	1. H tapin	2. Measure 25mm and	e from end of CC continue taping	ond start pre-	Measuring tape 6 7 8 9 10 1 2 3 4 5 6 7 8 9	1. Please measurin measure  Docume 1. Refer procedur  1. No flip c 2. No tape 3. No loos 4. No wror	ent reference/s to WI-PRO-ASY re.  out tape peeling	erified ting the

			TRUCTION			Effectivity Date:		May 24, 202	1
	Process Name/Title:		IG ASSEMBLY PRO		. =>/	Validity Date:		n/a	
	Model code/Part number:	100B / 7M0593-7021	Customer: TRJ	Car Model:	LEXUS UX	Document No.:		WI-ENG-PDE-4	44A
	Purpose:	PROTOTYPE	☐ PRE-LAUNCH	MASSPRO		Revision No.:	3	Page No.:	13 of 13
PARTS: 1. As	sy parts					JIG:	n/a		
		VIS	SUAL INSPECTION/Q	UALITY CHECK	POINTS				
<b>P1</b>		7	<b>M05</b>	<b>593</b>	<b>-70</b>	21			
GO NO GO	7	THE REAL PROPERTY OF THE PARTY	TAPE WIDTH / 25 3±MM COT TO		101.7% p	TAPE WI	DTH /		
	(1)	RONG INSERT NLOCKED/HALFLO	CKED		(2)	No MISS	ING TA		<u>DR</u>