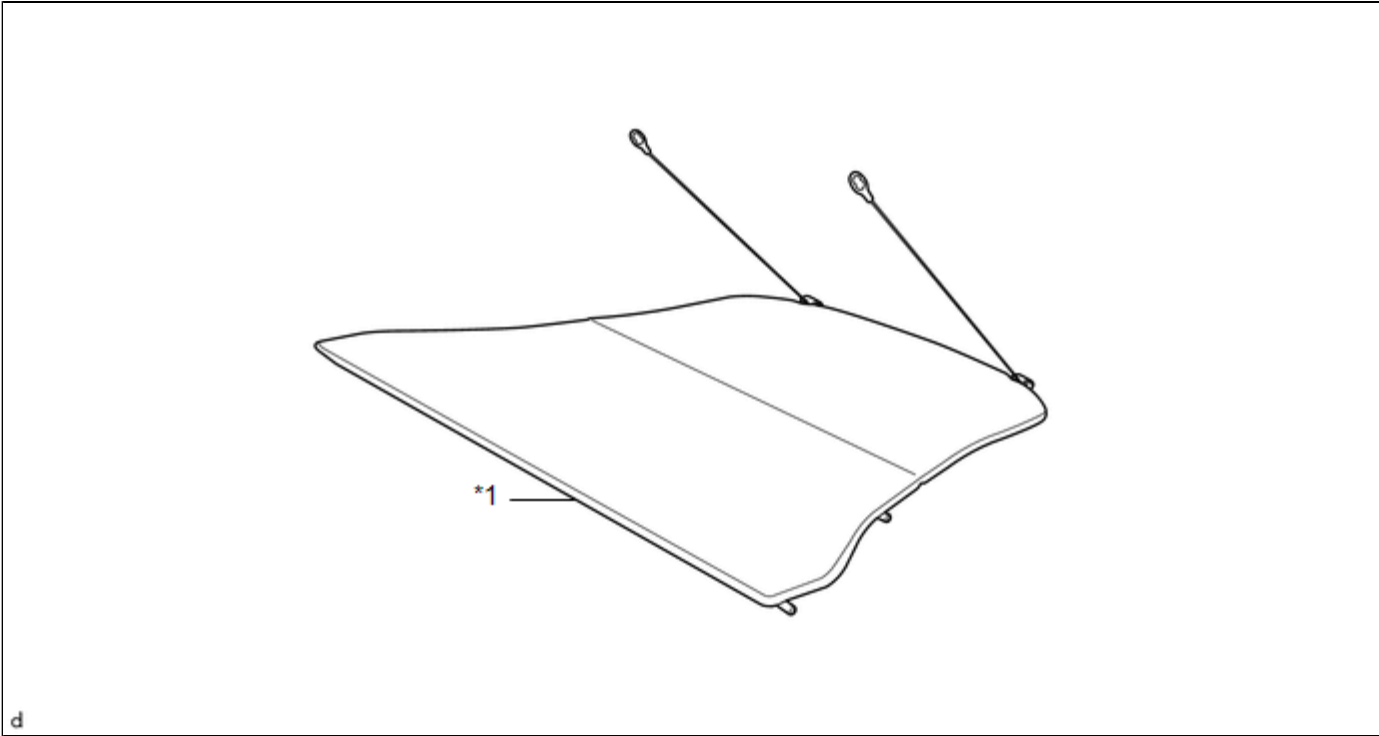


Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSJ
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: BACK DOOR LOCK: COMPONENTS; 2020 MY Supra [03/2019 -]		

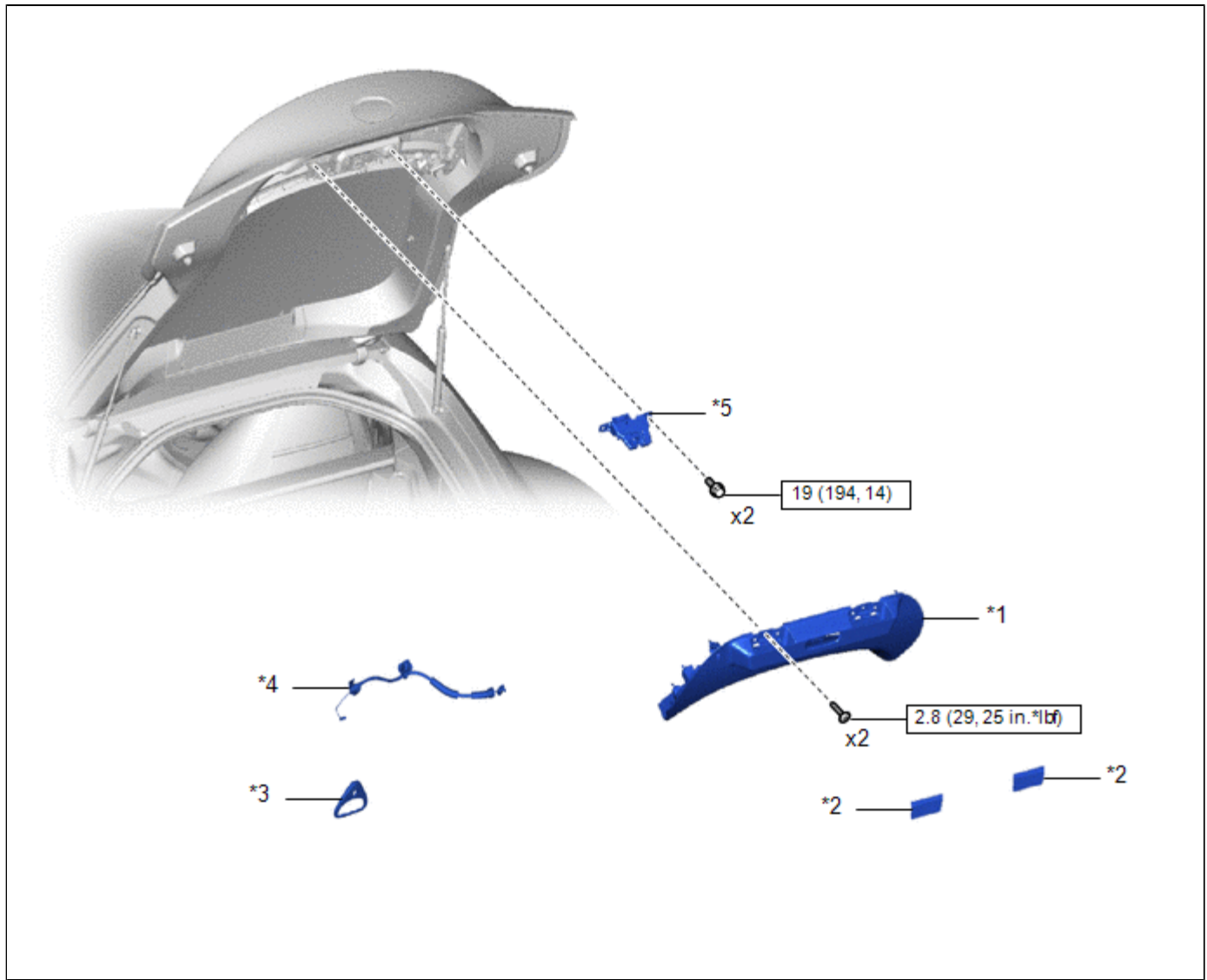
COMPONENTS

ILLUSTRATION



*1	PACKAGE TRAY TRIM PANEL ASSEMBLY	-	-
----	----------------------------------	---	---

ILLUSTRATION



*1	BACK DOOR TRIM BOARD	*2	BACK DOOR TRIM COVER
*3	EMERGENCY RELEASE HANDLE	*4	BACK DOOR LOCK CONTROL CABLE ASSEMBLY
*5	BACK DOOR LOCK ASSEMBLY	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSK
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: BACK DOOR LOCK: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

PROCEDURE

1. REMOVE PACKAGE TRAY TRIM PANEL ASSEMBLY

Click here [INFO](#)

2. REMOVE EMERGENCY RELEASE HANDLE

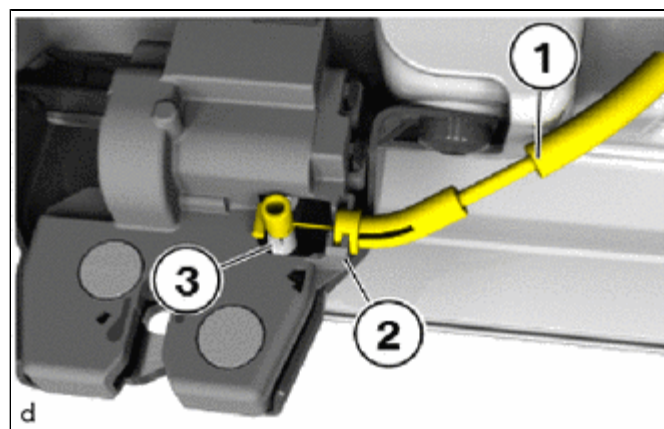
Click here [INFO](#)

3. REMOVE BACK DOOR TRIM BOARD

Click here [INFO](#)

4. DISCONNECT BACK DOOR LOCK CONTROL CABLE ASSEMBLY

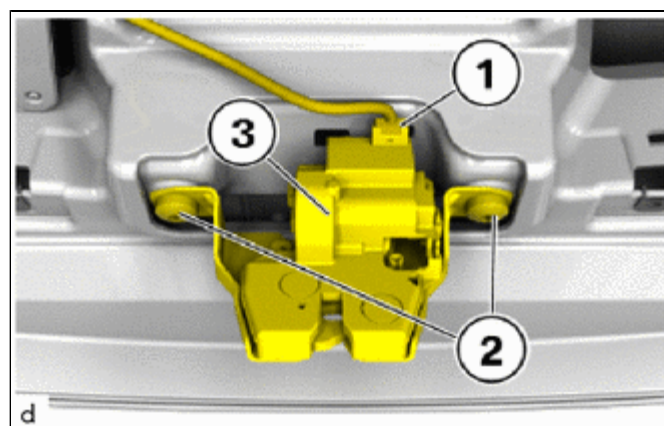
(a) Disconnect the back door lock control cable assembly (1) from the guide (2).



(b) Disconnect back door lock control cable assembly (1) on the locking pawl (3).

5. REMOVE BACK DOOR LOCK ASSEMBLY

(a) Unlock plug connection (1) and disconnect.



(b) Unscrew the bolts (2) and remove back door lock assembly (3).



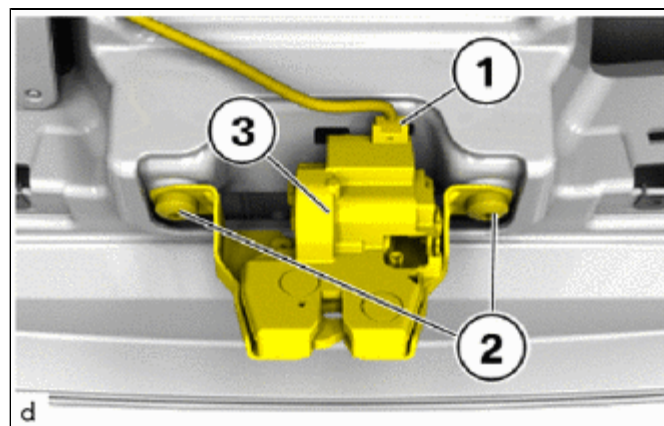
Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSL
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: BACK DOOR LOCK: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

PROCEDURE

1. INSTALL BACK DOOR LOCK ASSEMBLY

(a) Position back door lock assembly (3).



(b) Tighten down bolts (2).

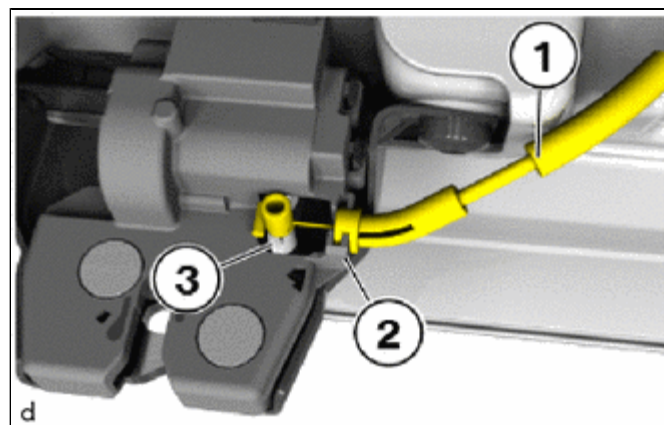
Torque:

19 N·m {194 kgf·cm, 14 ft·lbf}

(c) Connect connector (1) and lock.

2. CONNECT BACK DOOR LOCK CONTROL CABLE ASSEMBLY

(a) Connect back door lock control cable assembly (1) on the locking pawl (3).



(b) Connect the back door lock control cable assembly (1) in the guide (2).

3. INSTALL BACK DOOR TRIM BOARD

Click here [INFO](#)

4. INSTALL EMERGENCY RELEASE HANDLE

Click here [INFO](#)

5. INSTALL PACKAGE TRAY TRIM PANEL ASSEMBLY

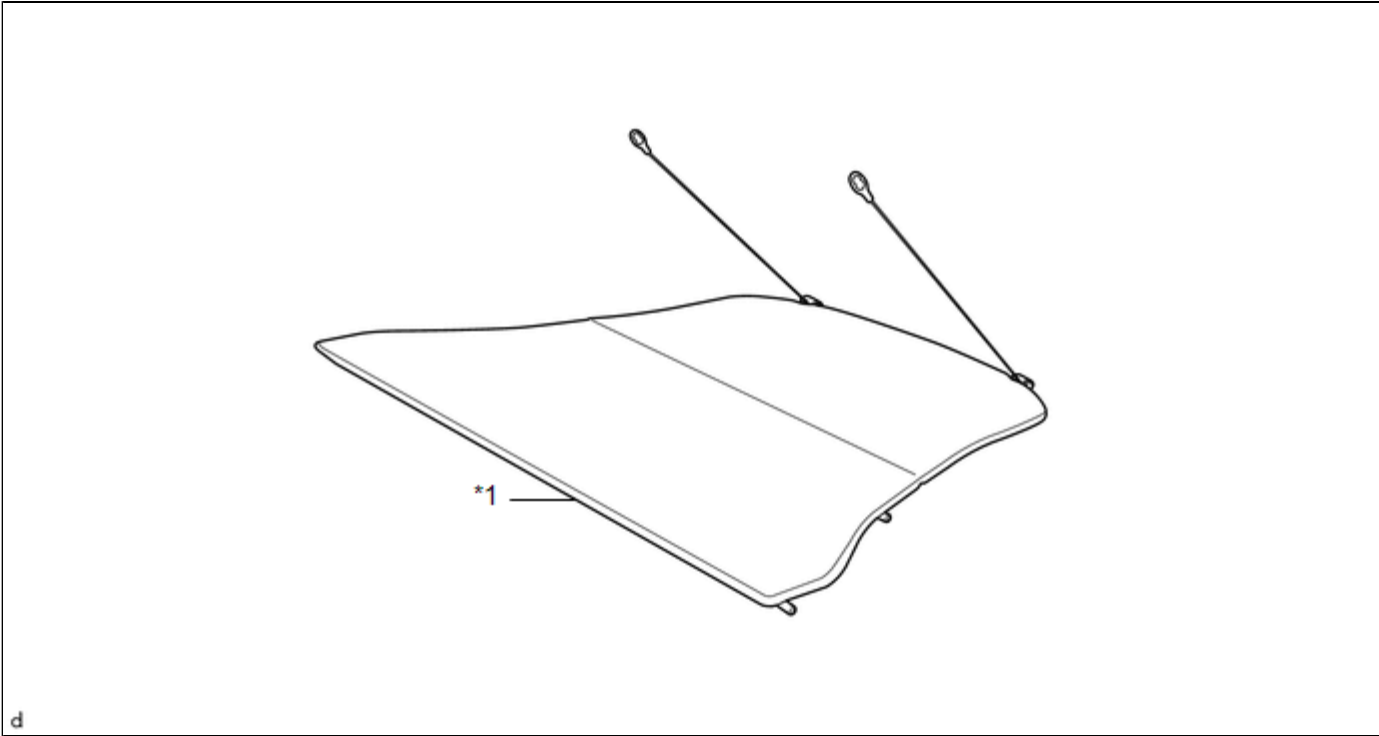
Click here [INFO](#)



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSM
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: DOOR CONTROL RECEIVER: COMPONENTS; 2020 MY Supra [03/2019 -]		

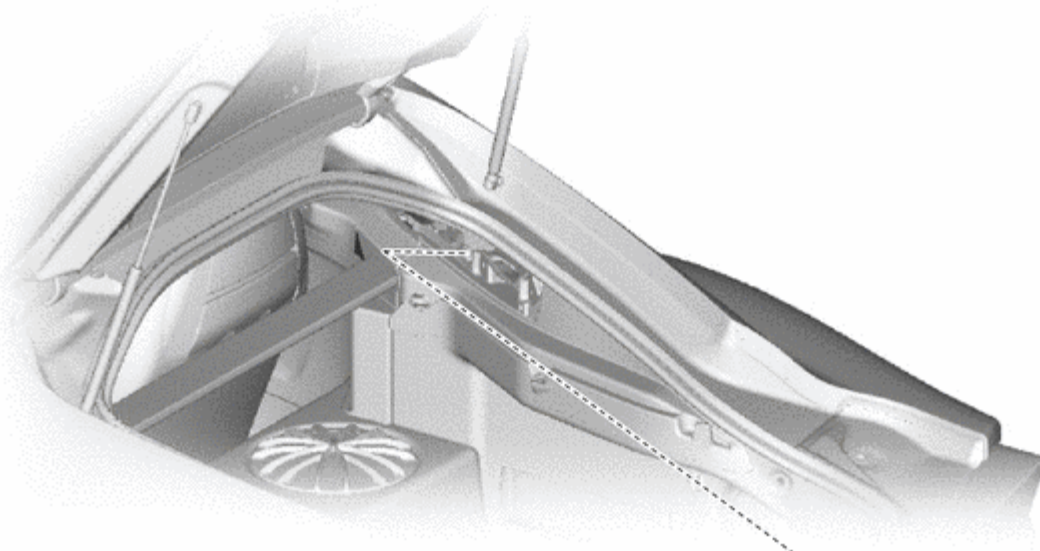
COMPONENTS

ILLUSTRATION



*1	PACKAGE TRAY TRIM PANEL ASSEMBLY	-	-
----	----------------------------------	---	---

ILLUSTRATION



*2



*1

d

*1	ROOF SIDE INNER GARNISH ASSEMBLY RH	*2	REMOTE CONTROLLER ASSEMBLY
----	--	----	----------------------------

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSN
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: DOOR CONTROL RECEIVER: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

PROCEDURE

1. REMOVE PACKAGE TRAY TRIM PANEL ASSEMBLY

Click here [INFO](#)

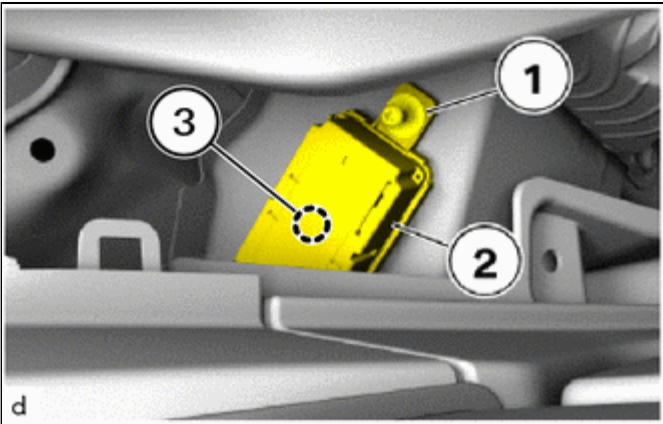
2. REMOVE ROOF SIDE INNER GARNISH ASSEMBLY RH

HINT:
Use the same procedure as for the LH side.

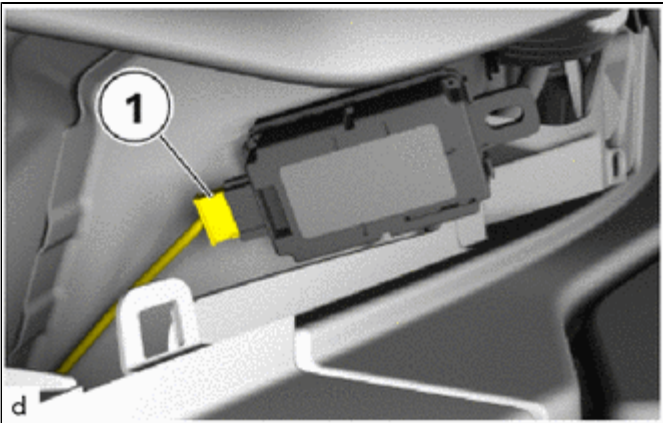
Click here [INFO](#)

3. REMOVE REMOTE CONTROLLER ASSEMBLY

(a) Loosen clip (1).



(b) Disconnect the remote controller assembly (2) from the guide (3) below it.



(d) Remove remote controller assembly.



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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: DOOR CONTROL RECEIVER: INSTALLATION; 2020 MY Supra [03/2019 -]		

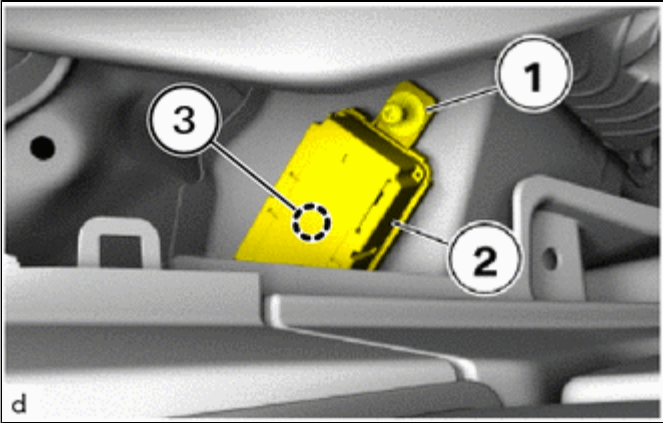
INSTALLATION

PROCEDURE

1. INSTALL REMOTE CONTROLLER ASSEMBLY

(a) Connect connectors and lock.

(b) Position the remote controller assembly (2) on the guide (3) below it.



(c) Fasten clip (1).

2. INSTALL ROOF SIDE INNER GARNISH ASSEMBLY RH

HINT:

Use the same procedure as for the LH side.

[Click here](#) [INFO](#)

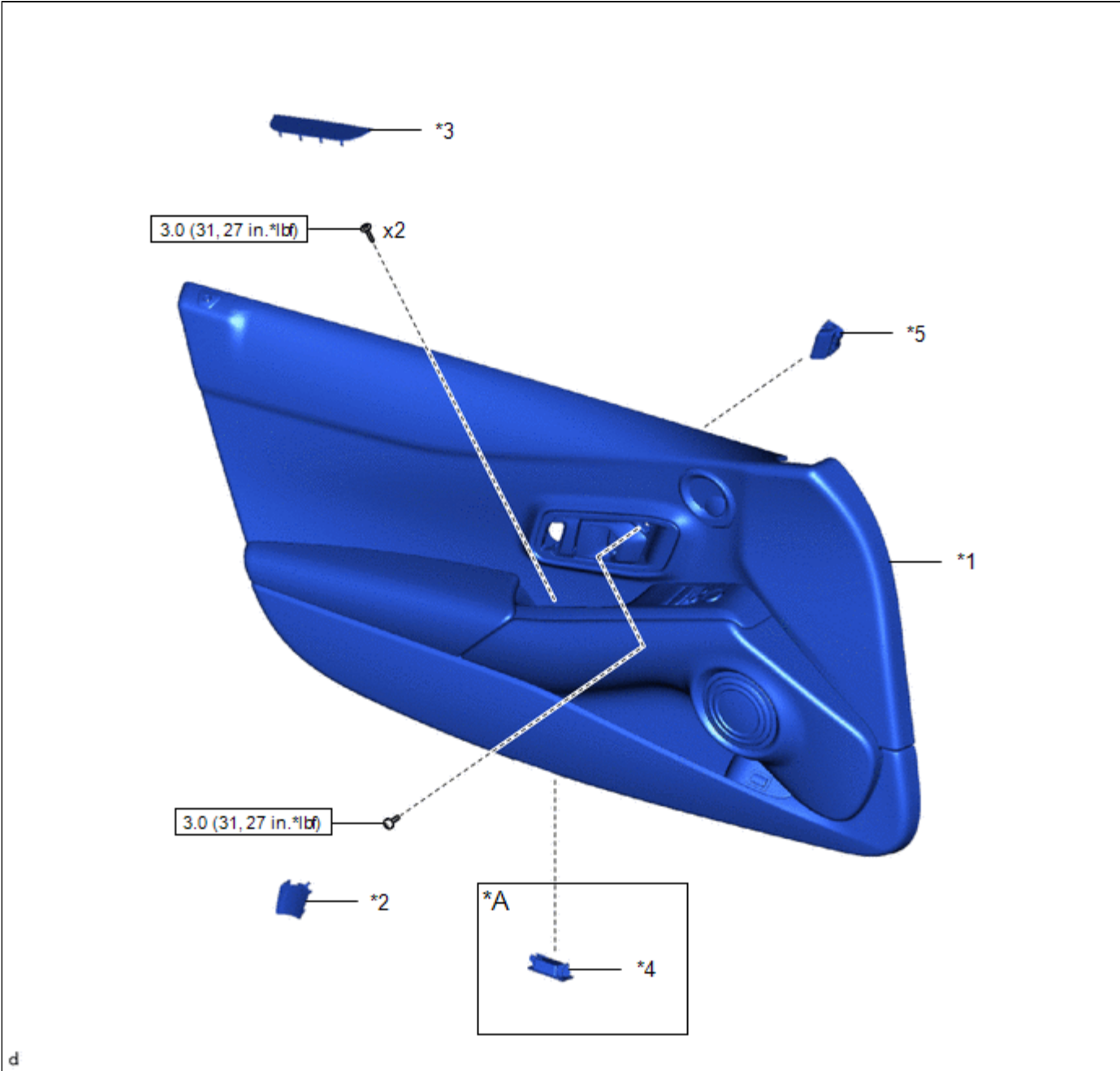
3. INSTALL PACKAGE TRAY TRIM PANEL ASSEMBLY

[Click here](#) [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSD
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: DOOR CONTROL SWITCH: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*A	w/ Courtesy Light	-	-
*1	FRONT DOOR TRIM BOARD SUB-ASSEMBLY	*2	NO. 2 DOOR INSIDE HANDLE BEZEL
*3	DOOR TRIM COVER	*4	COURTESY LIGHT ASSEMBLY
*5	DOOR CONTROL SWITCH ASSEMBLY	-	-

	N*m (kgf*cm, ft.*lbf): Specified torque	-	-
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Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSE
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: DOOR CONTROL SWITCH: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

PROCEDURE

1. REMOVE COURTESY LIGHT ASSEMBLY (w / Courtesy Light)

Click here [INFO](#)

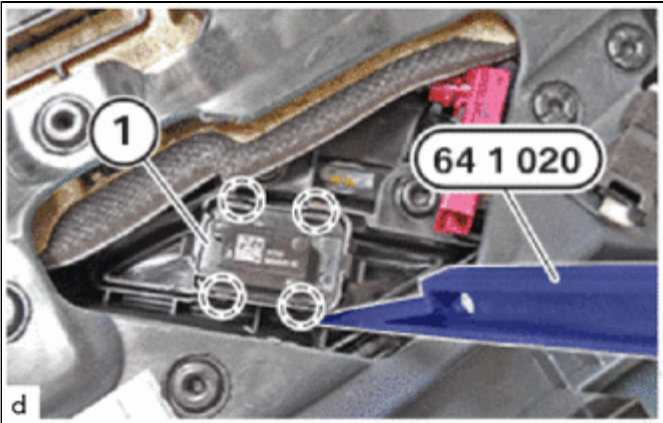
2. REMOVE FRONT DOOR TRIM BOARD SUB-ASSEMBLY

Click here [INFO](#)

3. REMOVE DOOR CONTROL SWITCH ASSEMBLY

- (a) Release the claws (marks) with the special tool 0 493 681 (64 1 020).

SST: 09200-WA280



- (b) Remove door control switch assembly (1).

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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: DOOR CONTROL SWITCH: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

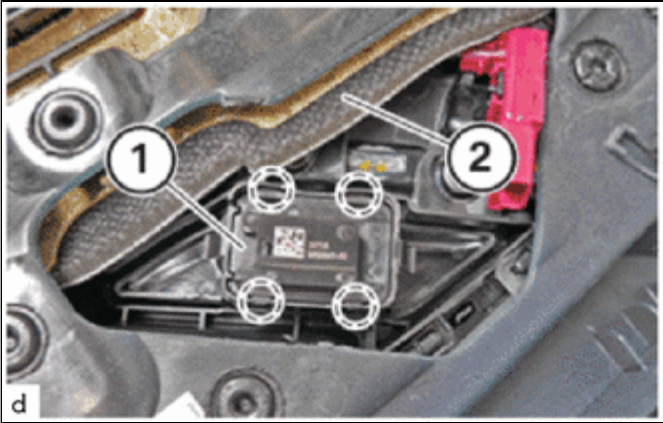
PROCEDURE

1. INSTALL DOOR CONTROL SWITCH ASSEMBLY

(a) Position door control switch assembly (1) and install in the front door trim board sub-assembly (2).

HINT:

The door control switch assembly (1) must be engaged correctly in the claws (marks).



2. INSTALL FRONT DOOR TRIM BOARD SUB-ASSEMBLY

Click here [INFO](#)

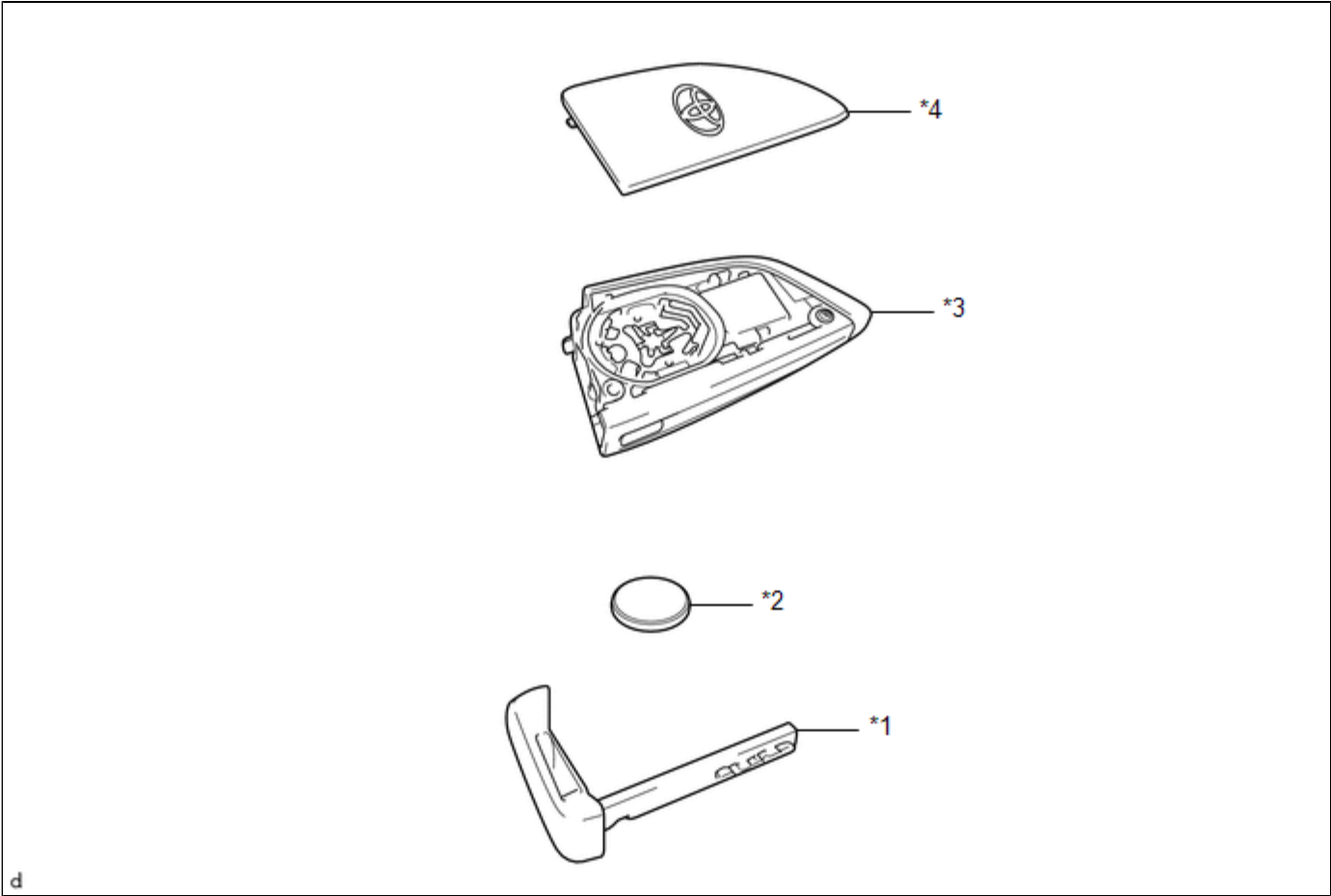
3. INSTALL COURTESY LIGHT ASSEMBLY (w / Courtesy Light)

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSA
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: DOOR CONTROL TRANSMITTER: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	CUT KEY	*2	TRANSMITTER BATTERY
*3	TRANSMITTER HOUSING CASE	*4	TRANSMITTER HOUSING COVER

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSB
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: DOOR CONTROL TRANSMITTER: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

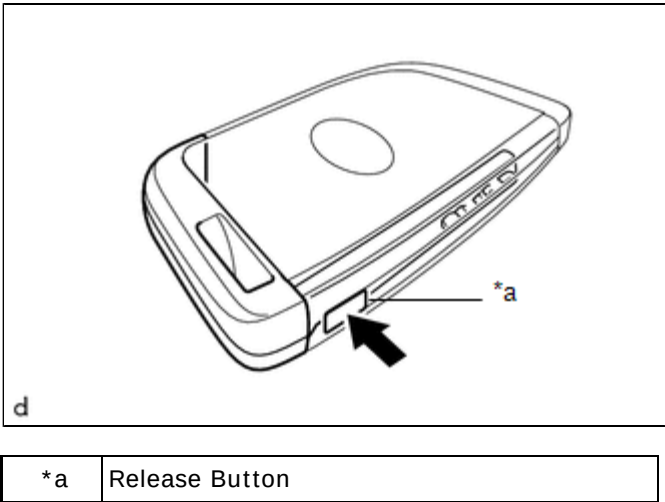
CAUTION / NOTICE / HINT

NOTICE:
Take extra care when handling these precision electronic components.

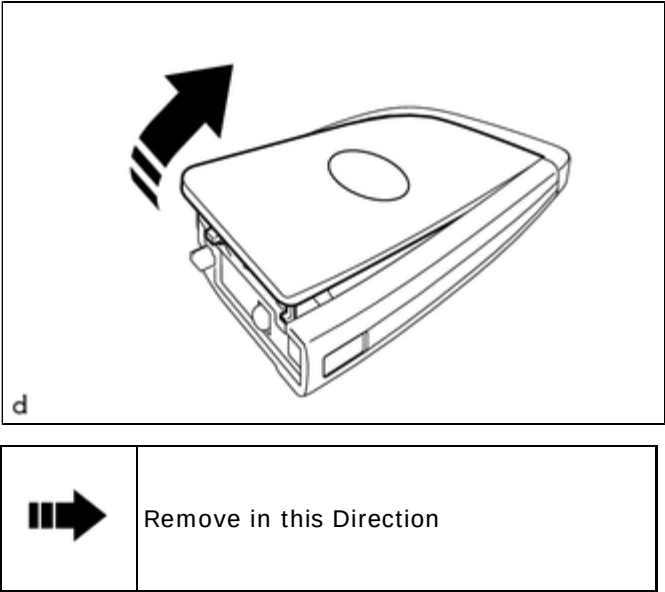
PROCEDURE

1. REMOVE TRANSMITTER BATTERY

(a) Press the release button to remove the cut key.

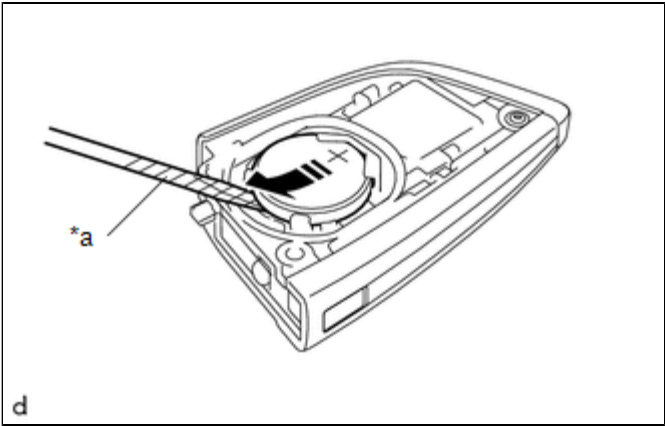


(b) Remove the transmitter housing cover as shown in the illustration.



NOTICE:
Do not use excessive force when prying apart the transmitter housing cover.

(c) Using a screwdriver with its tip wrapped in protective tape, remove the transmitter battery as shown in the illustration.



*a	Protective Tape
	Remove in this Direction

NOTICE:

- Do not push the terminals with your finger.
- Do not forcibly pry up the transmitter battery as the terminals may be damaged.
- Do not touch the transmitter battery with wet hands. Moisture may cause rust.
- Do not touch or move any components inside the transmitter housing case. It may interfere with proper operation.
- When replacing the transmitter battery, before starting work, remove static electricity that has built up in the body by touching, for example, the vehicle to prevent the electrical key transmitter sub-assembly from being damaged.

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSC
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: DOOR CONTROL TRANSMITTER: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

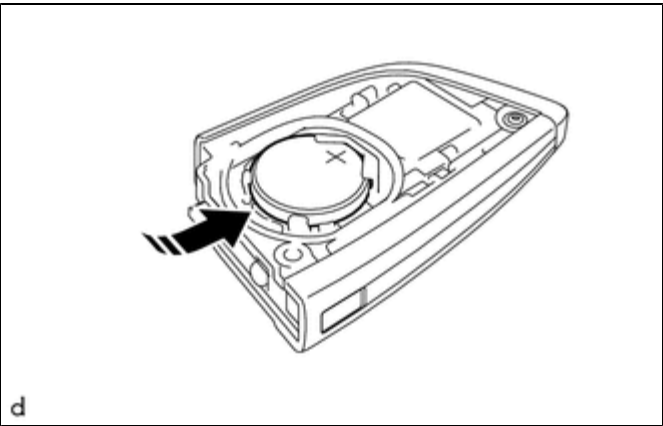
NOTICE:
Take extra care when handling these precision electronic components.

PROCEDURE

1. INSTALL TRANSMITTER BATTERY

(a) Install a new transmitter battery with the positive (+) side facing upward, as shown in the illustration.

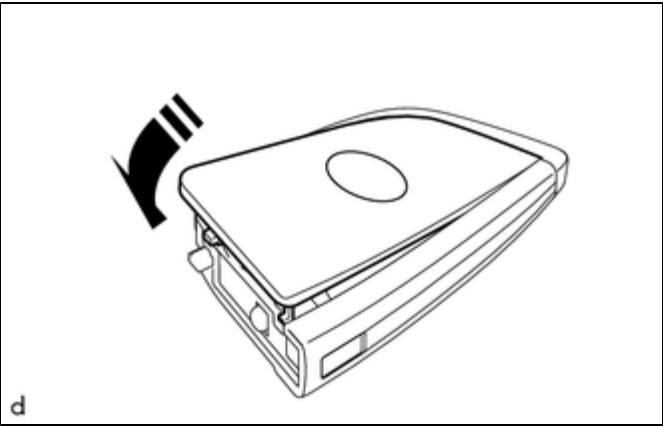
- NOTICE:**
- Do not bend the transmitter battery electrode during installation.
 - Keep the inside of the transmitter housing cover free of dust and oil.
 - When replacing the transmitter battery, before starting work, remove static electricity that has built up in the body by touching, for example, the vehicle to prevent the electrical key transmitter sub-assembly from being damaged.





Install in this Direction

(b) Install the transmitter housing cover by pressing down on it as shown in the illustration.

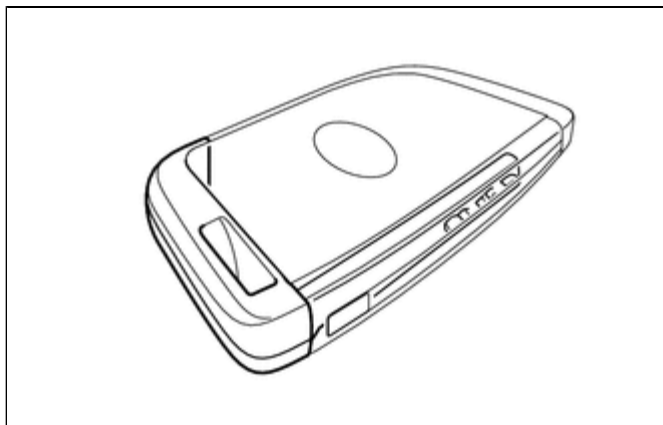


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Install in this Direction

(c) Insert the cut key into the transmitter.

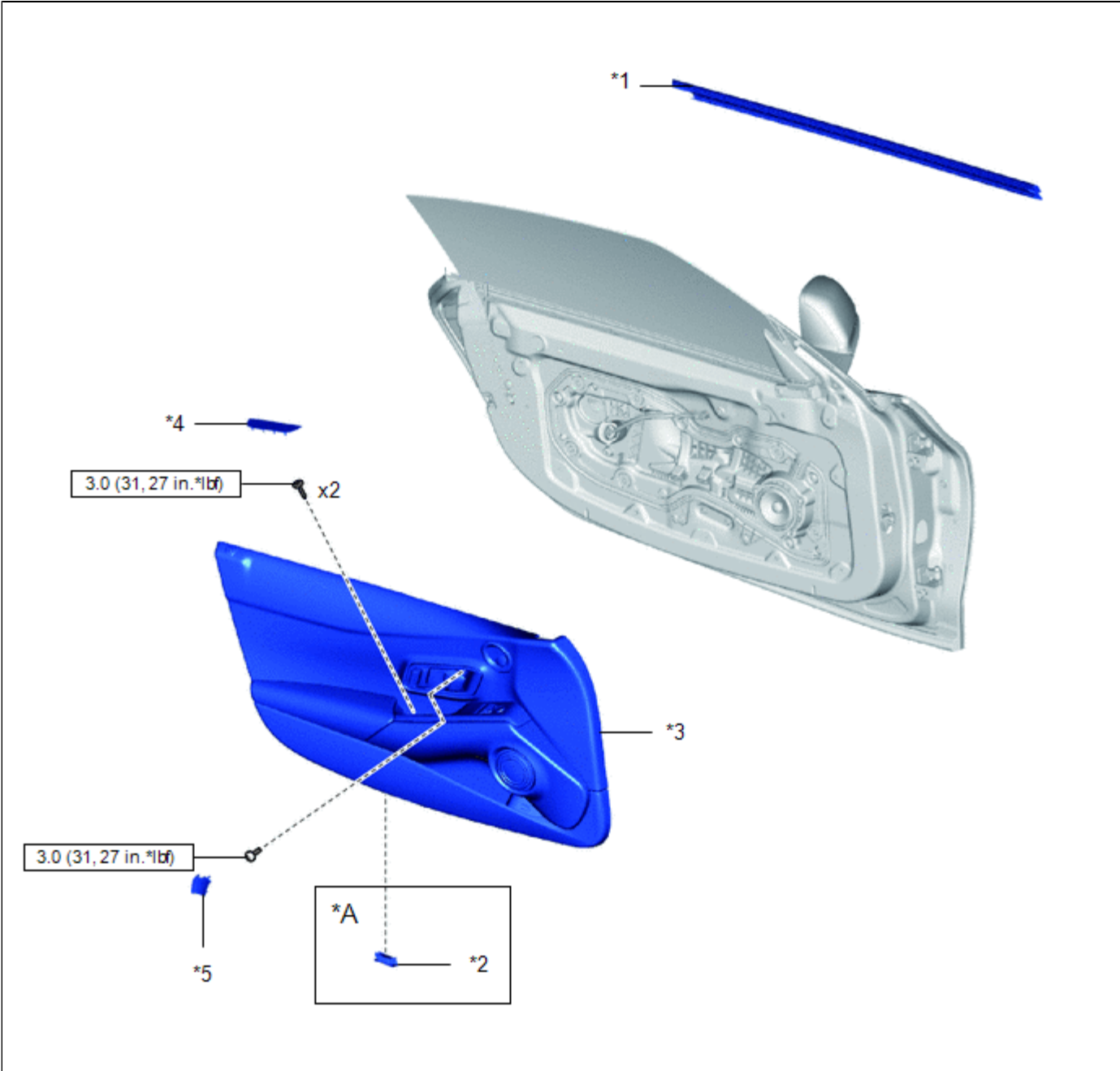


TOYOTA

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSG
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: FRONT DOOR LOCK: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

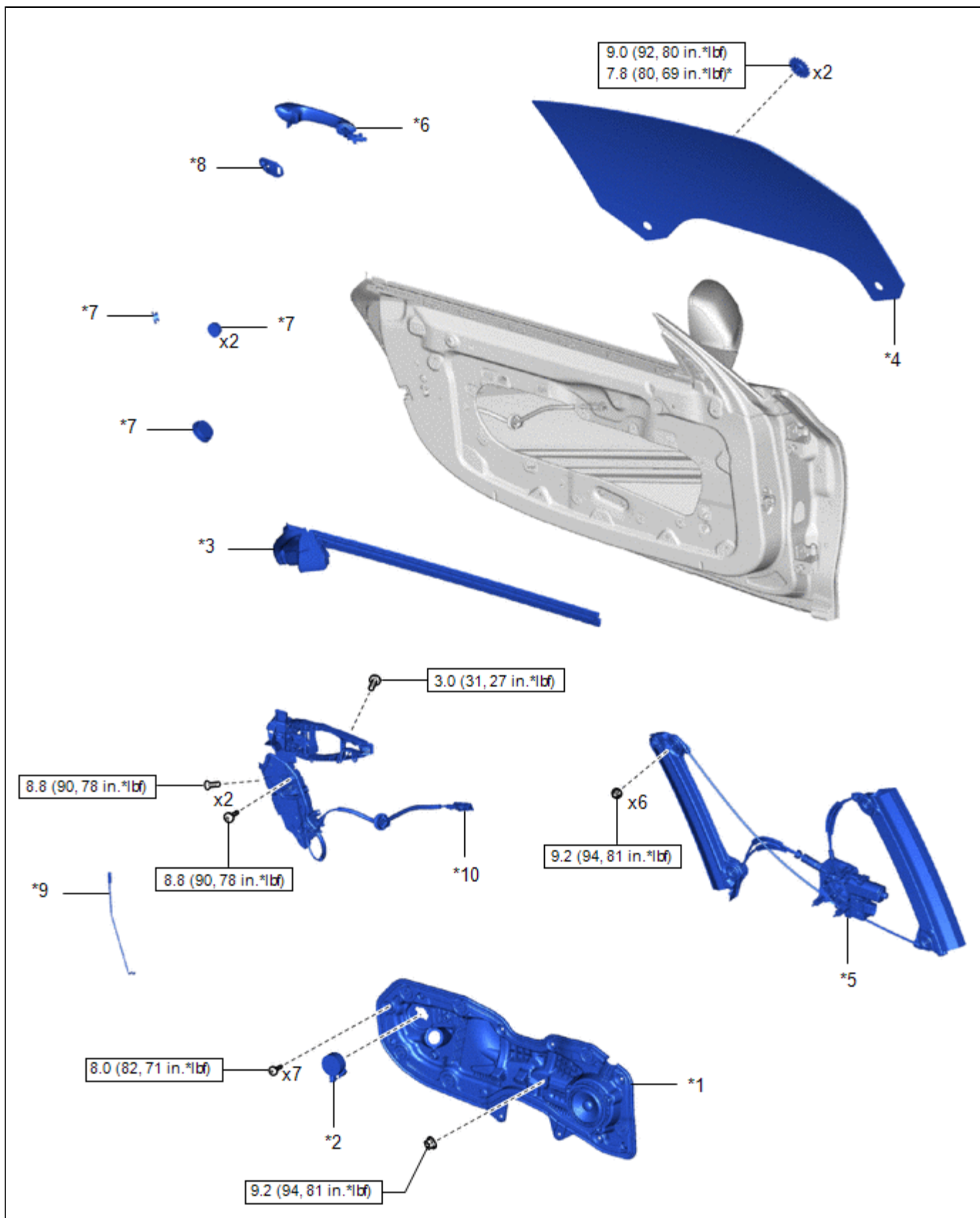
ILLUSTRATION



*A	w/ Courtesy Light	-	-
*1	FRONT DOOR BELT MOULDING ASSEMBLY	*2	COURTESY LIGHT ASSEMBLY
*3	FRONT DOOR TRIM BOARD SUB-ASSEMBLY	*4	DOOR TRIM COVER
*5	NO. 2 DOOR INSIDE HANDLE BEZEL	-	-

	N*m (kgf*cm, ft.*lbf): Specified torque	-	-
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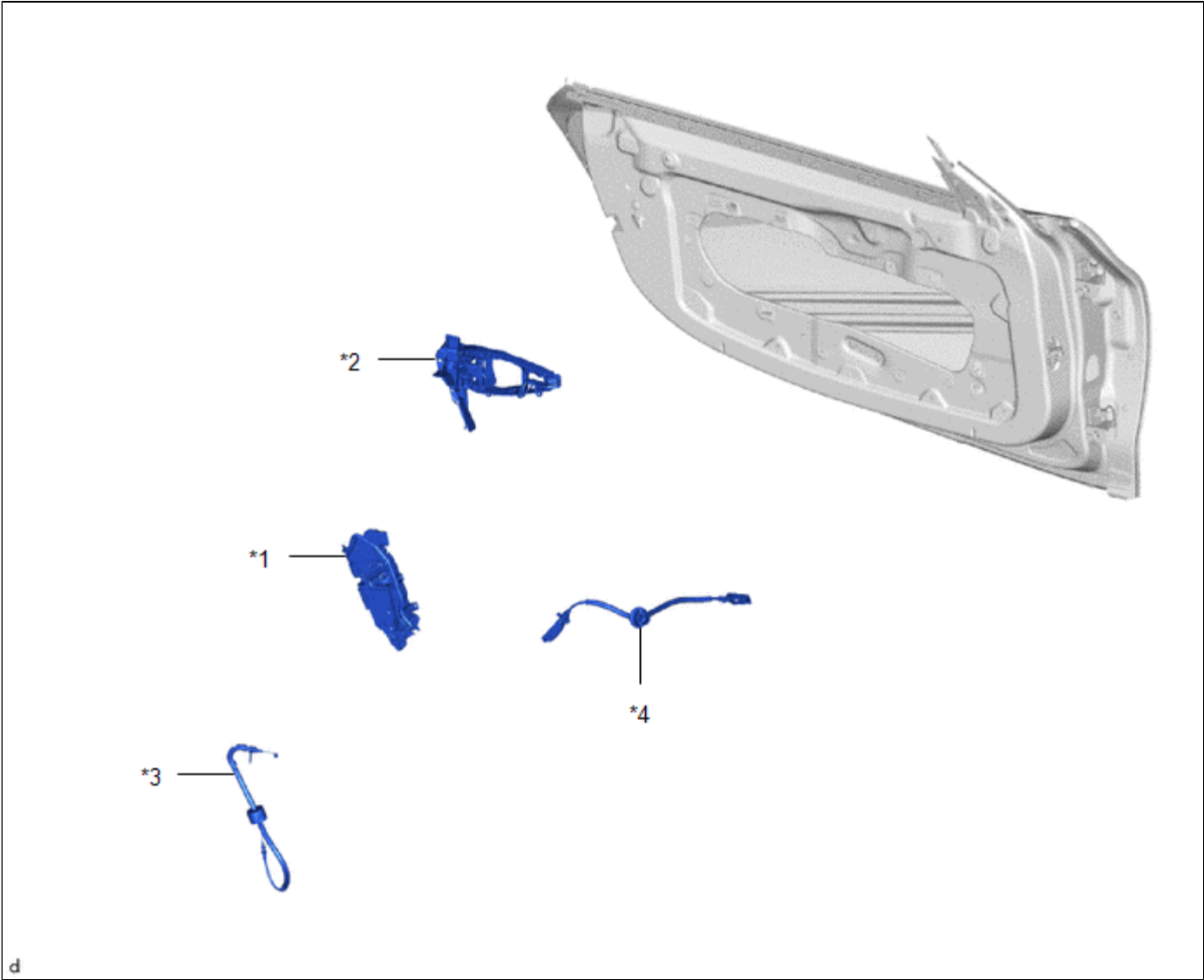
ILLUSTRATION



*1	SOUND INSULATION	*2	SIDE AIRBAG PRESSURE SENSOR
*3	FRONT DOOR GLASS INNER WEATHERSTRIP	*4	FRONT DOOR GLASS SUB-ASSEMBLY
*5	FRONT DOOR WINDOW REGULATOR ASSEMBLY	*6	FRONT DOOR OUTSIDE HANDLE ASSEMBLY

*7	SEAL PLUG	*8	FRONT DOOR OUTSIDE HANDLE COVER
*9	FRONT DOOR LOCK OPEN ROD	*10	FRONT DOOR LOCK WITH MOTOR ASSEMBLY WITH FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY
	N*m (kgf*cm, ft.*lbf): Specified torque	*	For use with SST

ILLUSTRATION



*1	FRONT DOOR LOCK WITH MOTOR ASSEMBLY	*2	FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY
*3	FRONT DOOR LOCK REMOTE CONTROL CABLE (FOR OPEN LEVER)	*4	FRONT DOOR INSIDE LOCKING CABLE (FOR LOCK / UNLOCK KNOB)

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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: FRONT DOOR LOCK: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Working on 12 V vehicle electrical system.

Risk of short circuits! Risk of fire!

- Detach the cable from the negative (-) battery terminal.

- Airbag unit.

Danger! Life-threatening injuries!



- All work on pyrotechnic parts may be carried out by technically experienced and appropriately trained personnel only.
- Replace any damaged part or ones that have been dropped.
- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- For additional information see:

Click here [INFO](#)

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

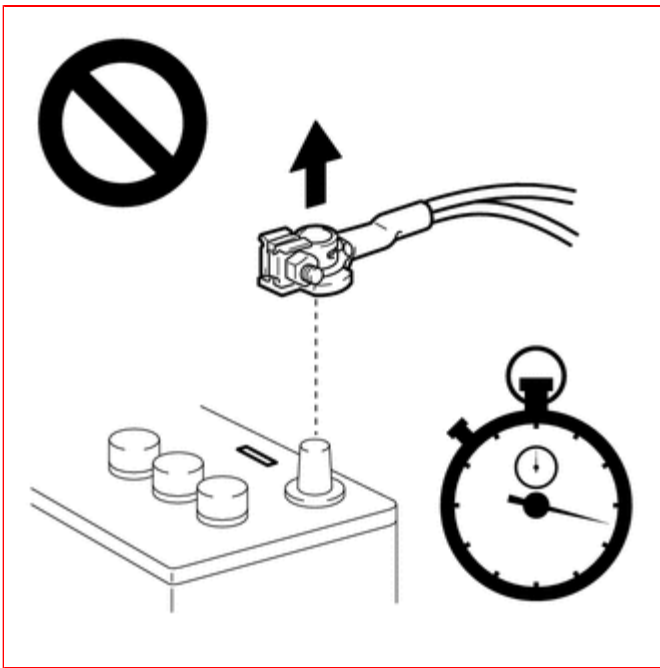
PROCEDURE

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

CAUTION:

- Wait at least 60 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS



system.

- If the airbag deploys for any reason, it may cause a serious accident.

2. REMOVE FRONT DOOR BELT MOULDING ASSEMBLY

Click here [INFO](#)

3. LOOSEN FRONT DOOR GLASS SUB-ASSEMBLY

Click here [INFO](#)

4. REMOVE COURTESY LIGHT ASSEMBLY (w / Courtesy Light)

Click here [INFO](#)

5. REMOVE FRONT DOOR TRIM BOARD SUB-ASSEMBLY

Click here [INFO](#)

6. REMOVE SIDE AIRBAG PRESSURE SENSOR

Click here [INFO](#)

7. REMOVE SOUND INSULATION

Click here [INFO](#)

8. REMOVE FRONT DOOR GLASS INNER WEATHERSTRIP

Click here [INFO](#)

9. REMOVE FRONT DOOR GLASS SUB-ASSEMBLY

Click here [INFO](#)

10. REMOVE FRONT DOOR WINDOW REGULATOR ASSEMBLY

Click here [INFO](#)

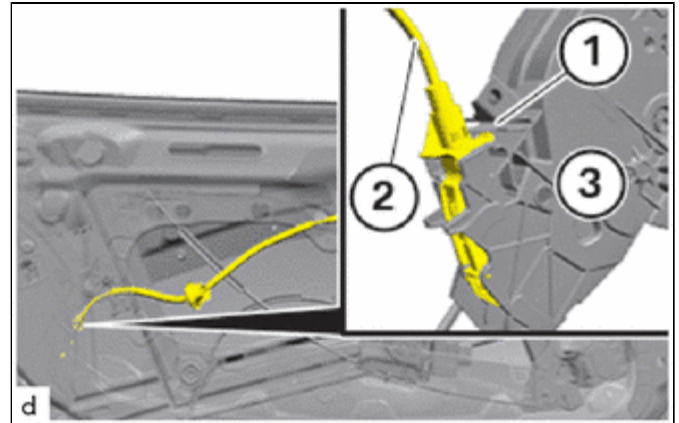
11. REMOVE FRONT DOOR OUTSIDE HANDLE ASSEMBLY

12. REMOVE FRONT DOOR INSIDE LOCKING CABLE (FOR LOCK / UNLOCK KNOB)

- (a) Unlock the lock mechanism (1) and remove the front door inside locking cable (for lock / unlock knob) (2) towards the rear from front door lock with motor assembly (3).

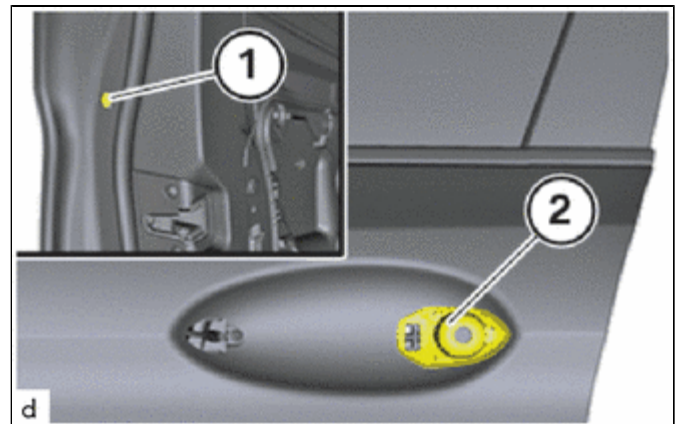
HINT:

The front door inside locking cable (for lock / unlock knob) (2) slides out on its own.



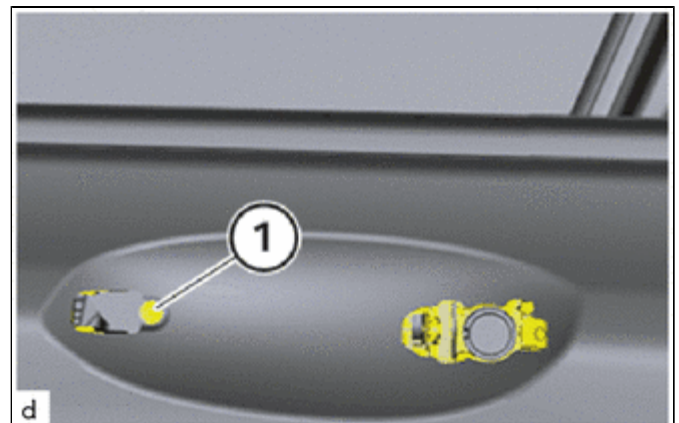
13. REMOVE FRONT DOOR LOCK WITH MOTOR ASSEMBLY

- (a) Using a 4 mm hexagon wrench, loosen screw (1).

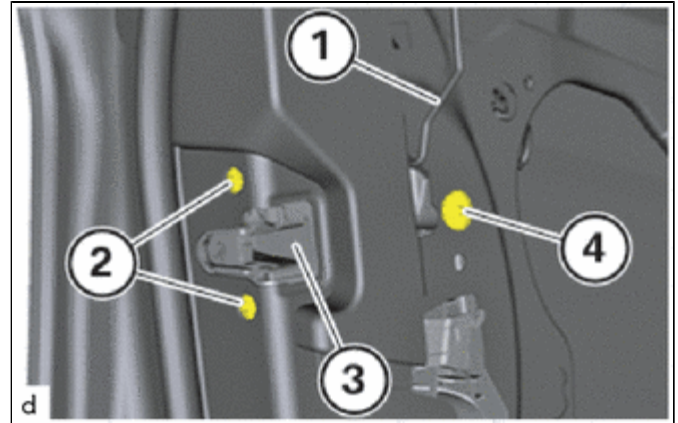


- (b) Remove the front door outside handle cover (2).

- (c) Loosen T20 screw (1).



(d) Unclip front door lock open rod (1).



(e) Unlock and disconnect the connector on the front door lock with motor assembly (3) at inner.

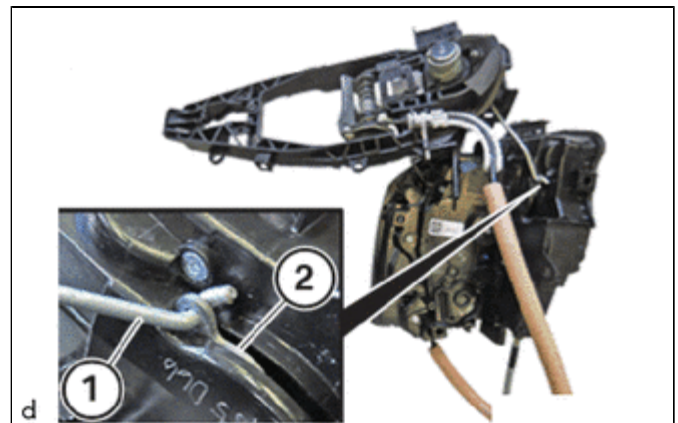
(f) Release the wiring harness from the front door lock with motor assembly (3) on the inner.

(g) Loosen T30 bolts (2) and (4).

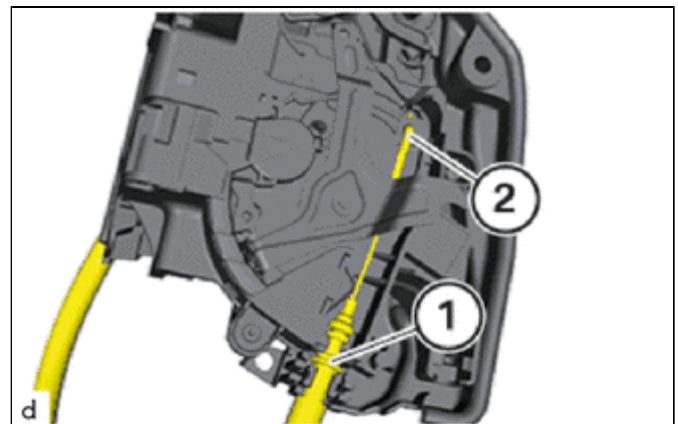
(h) Guide out the front door lock with motor assembly (3) together with the front door outside handle frame sub-assembly and remove.

14. REMOVE FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY

(a) Disconnect the front door lock control link sub-assembly (1) from the front door lock with motor assembly (2).

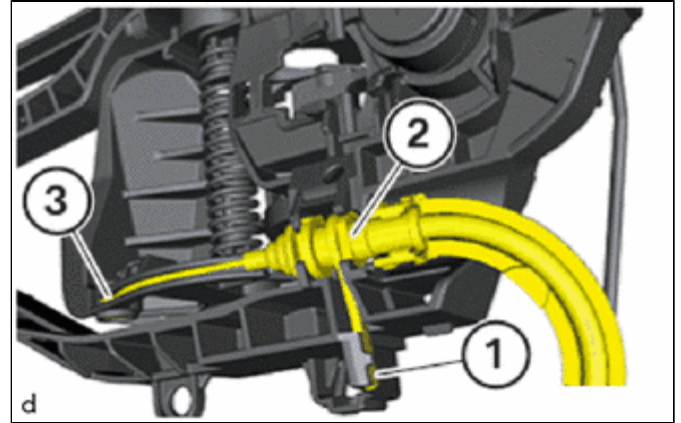


(b) Disconnect the front door lock remote control cable (for open lever) (1).



(c) Disconnect the front door lock remote control cable (for open lever) nipple (2).

(d) Lift the lug (1) over the clip and twist it upwards.



(e) Disconnect the front door lock remote control cable (for open lever) (2).

(f) Disconnect the front door lock remote control cable (for open lever) nipple (3).

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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: FRONT DOOR LOCK: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

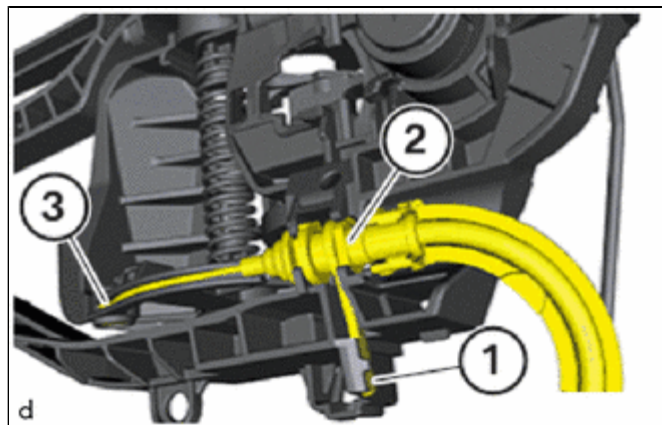
HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

PROCEDURE

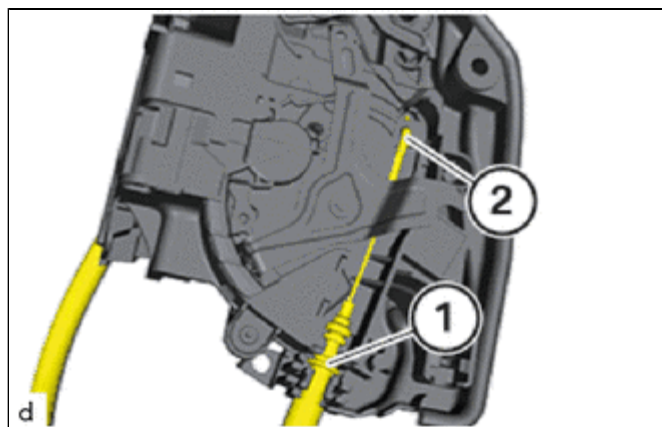
1. INSTALL FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY

- (a) Connect the front door lock remote control cable (for open lever) nipple (3).



- (b) Connect the front door lock remote control cable (for open lever) (2).
 (c) Twist lug (1) and engage.

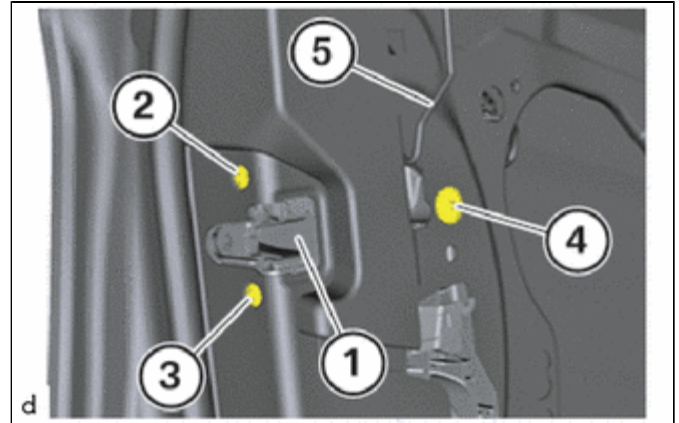
- (d) Connect the front door lock remote control cable (for open lever) nipple (2).



- (e) Connect the front door lock remote control cable (for open lever) (1).
 (f) Connect the front door lock control link sub-assembly in the front door lock with motor assembly.

2. INSTALL FRONT DOOR LOCK WITH MOTOR ASSEMBLY

- (a) Guide in the front door lock with motor assembly (1) together with the front door outside handle frame sub-assembly.



- (b) Connect wiring harness.
(c) Connect the connector to the front door lock with motor assembly (1) and lock it.
(d) Screw in T30 bolts (2) to (4) several rotations.
(e) Tighten the T30 bolts in the following sequence: (2) - (3) - (4).

Torque:

8.8 N·m {90 kgf·cm, 78 in·lbf}

- (f) Clip in front door lock open rod (5).
(g) Tighten down T20 screw.

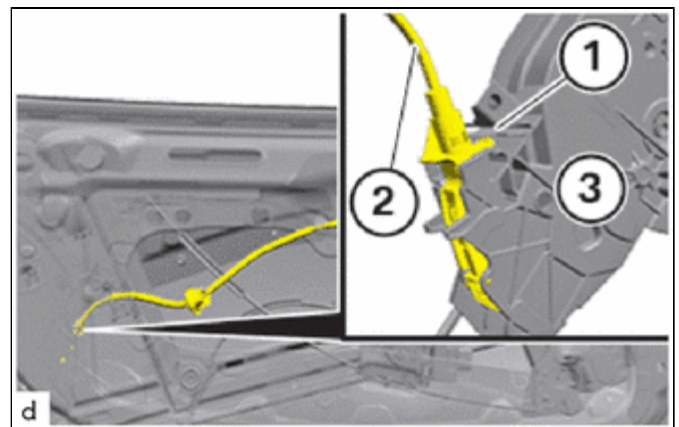
Torque:

3.0 N·m {31 kgf·cm, 27 in·lbf}

- (h) Install front door outside handle cover.
(i) Using a 4 mm hexagon wrench, tighten down screw.

3. INSTALL FRONT DOOR INSIDE LOCKING CABLE (FOR LOCK / UNLOCK KNOB)

- (a) Position front door inside locking cable (for lock / unlock knob) (2) correctly in front door lock with motor assembly (3).



- (b) Engage the front door inside locking cable (for lock / unlock knob) (2) forwards into lock (1).

4. INSTALL FRONT DOOR OUTSIDE HANDLE ASSEMBLY

Click here [INFO](#)

5. INSTALL FRONT DOOR WINDOW REGULATOR ASSEMBLY

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6. INSTALL FRONT DOOR GLASS SUB-ASSEMBLY

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7. ADJUST FRONT DOOR GLASS SUB-ASSEMBLY

Click here [INFO](#)

8. INSTALL FRONT DOOR GLASS INNER WEATHERSTRIP

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9. INSTALL SOUND INSULATION

Click here [INFO](#)

10. INSTALL SIDE AIRBAG PRESSURE SENSOR

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11. INSTALL FRONT DOOR TRIM BOARD SUB-ASSEMBLY

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12. INSTALL COURTESY LIGHT ASSEMBLY (w / Courtesy Light)

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13. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

14. ADJUST FRONT DOOR GLASS SUB-ASSEMBLY

Click here [INFO](#)

15. TIGHTEN FRONT DOOR GLASS SUB-ASSEMBLY

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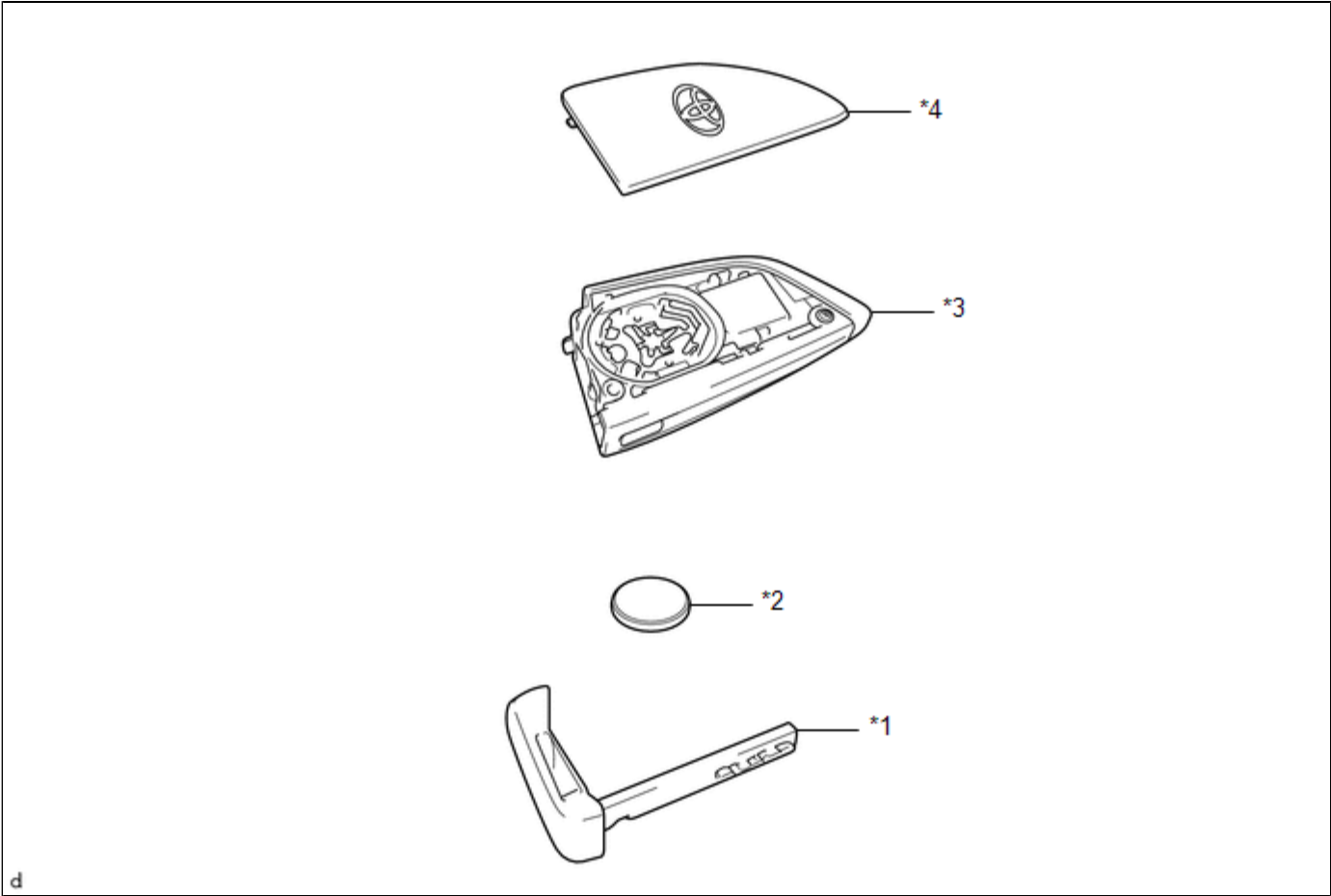
16. INSTALL FRONT DOOR BELT MOULDING ASSEMBLY

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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR LOCK: TRANSMITTER BATTERY: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	CUT KEY	*2	TRANSMITTER BATTERY
*3	TRANSMITTER HOUSING CASE	*4	TRANSMITTER HOUSING COVER

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REMOVAL

CAUTION / NOTICE / HINT

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[INSTALLATION](#)

[CAUTION / NOTICE / HINT](#)

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