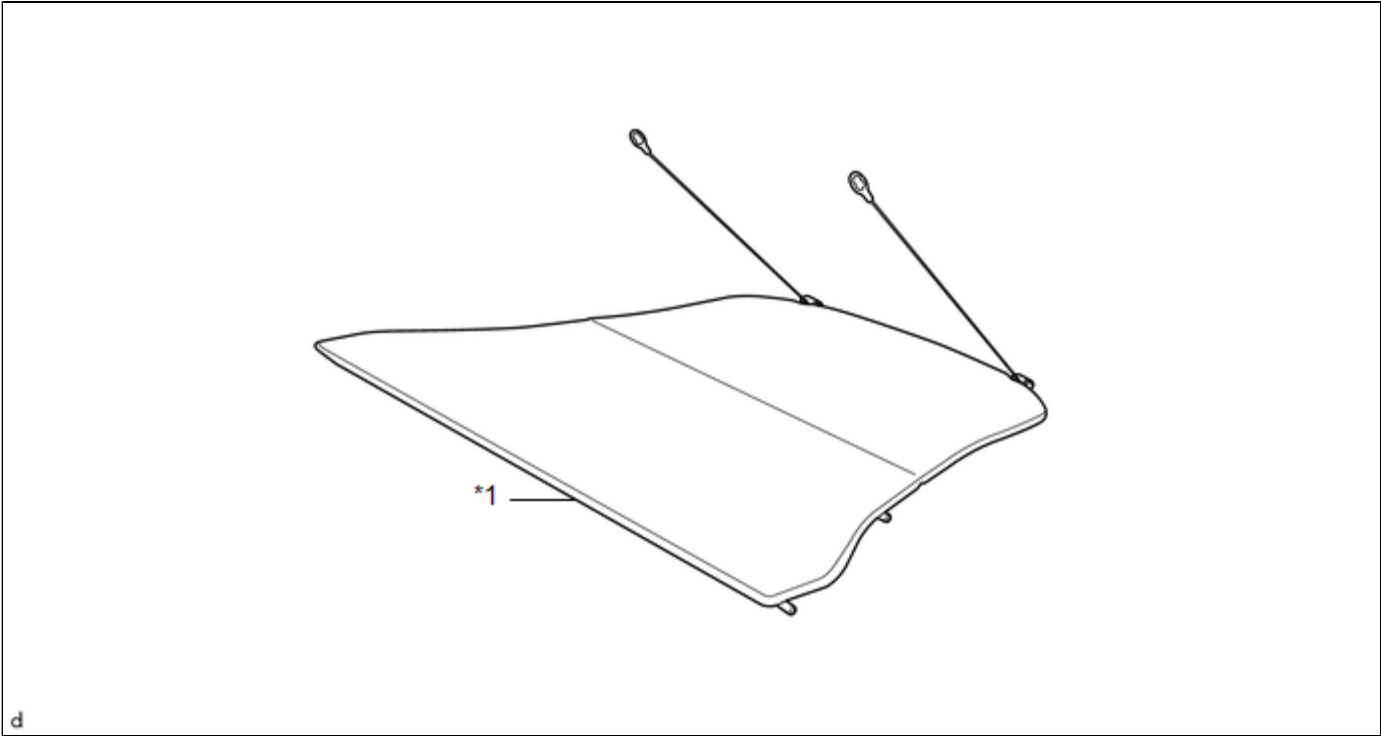


Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCT8
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR: COMPONENTS; 2020 MY Supra [03/2019 -]		

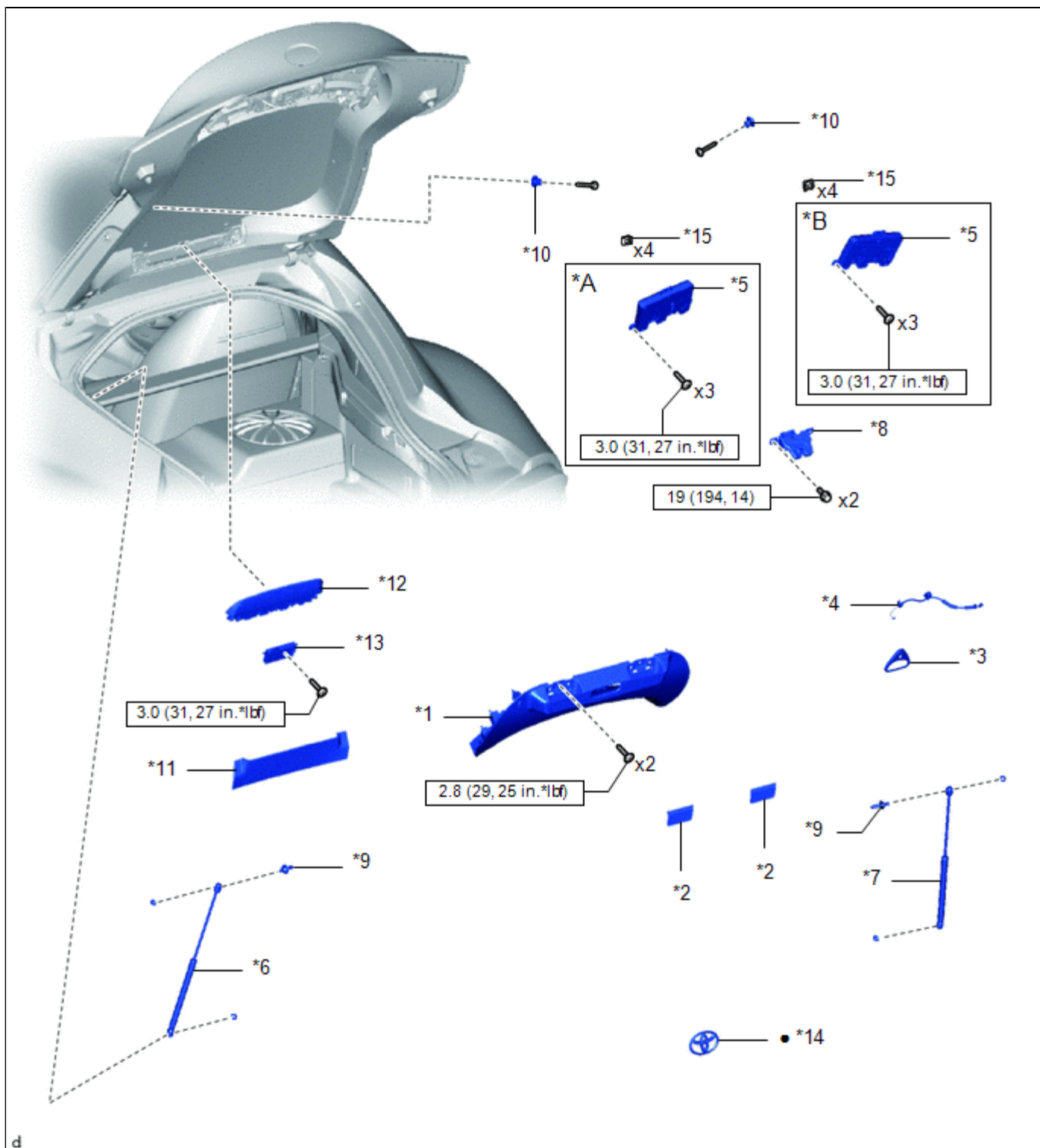
COMPONENTS

ILLUSTRATION



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

ILLUSTRATION



*A	for Toyota Supra Connect	*B	for Navigation System
*1	BACK DOOR TRIM BOARD	*2	BACK DOOR TRIM COVER
*3	EMERGENCY RELEASE HANDLE	*4	BACK DOOR LOCK CONTROL CABLE ASSEMBLY
*5	MULTIPLE-BAND AERIAL	*6	BACK DOOR STAY ASSEMBLY LH
*7	BACK DOOR STAY ASSEMBLY RH	*8	BACK DOOR LOCK ASSEMBLY
*9	BACK DOOR STAY BOLT	*10	PIN
*11	UPPER BACK DOOR TRIM	*12	CENTER STOP LIGHT ASSEMBLY
	NO. 1 AMPLIFIER ANTENNA		

*13	ASSEMBLY	*14	NO. 1 BACK DOOR EMBLEM
*15	SHEET METAL NUT	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCT9
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR: DISASSEMBLY; 2020 MY Supra [03/2019 -]		

DISASSEMBLY

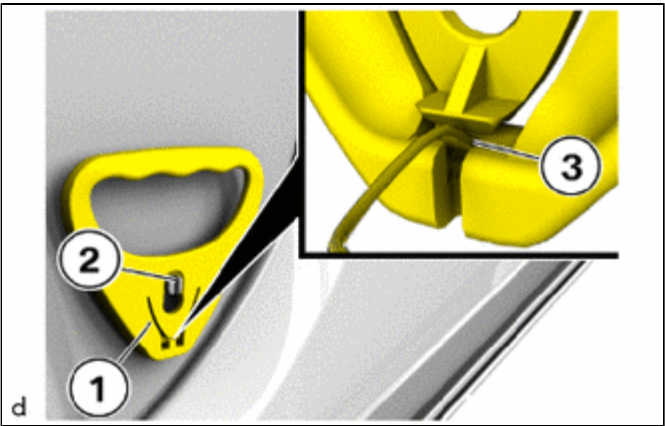
PROCEDURE

1. REMOVE PACKAGE TRAY TRIM PANEL ASSEMBLY

Click here [INFO](#)

2. REMOVE EMERGENCY RELEASE HANDLE

(a) Disconnect emergency release handle (1) from the holding clip (2).



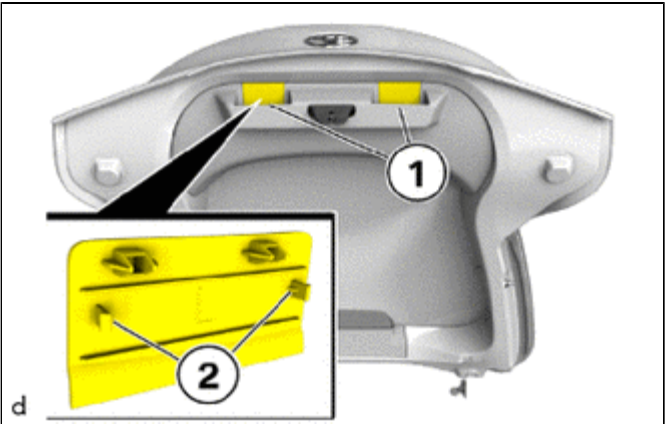
(b) Disconnect the back door lock control cable assembly (3) from the emergency release handle.

3. REMOVE BACK DOOR TRIM BOARD

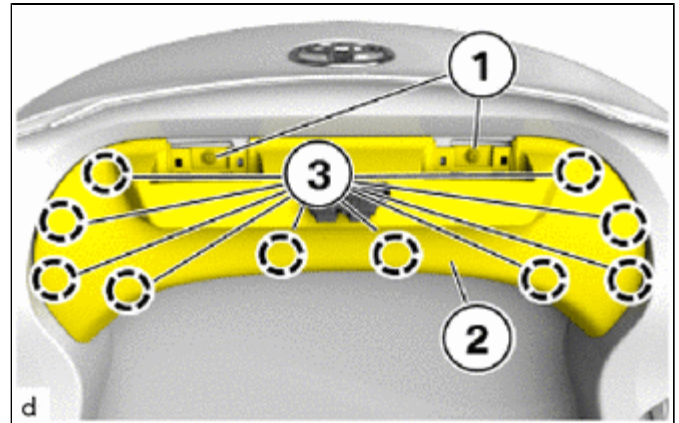
NOTICE:

- Scratches.
- Tools and sharp-edged components can cause scratches.
- Protect working area.
 - Handle tools and components carefully.

(a) Disconnect back door trim covers of the screw points (1) with a suitable tool from the claws (2) and remove.



(b) Loosen T25 screws (1).



(c) Unclip the back door trim board (2) at the clips (3) and remove.

4. DISCONNECT BACK DOOR LOCK CONTROL CABLE ASSEMBLY

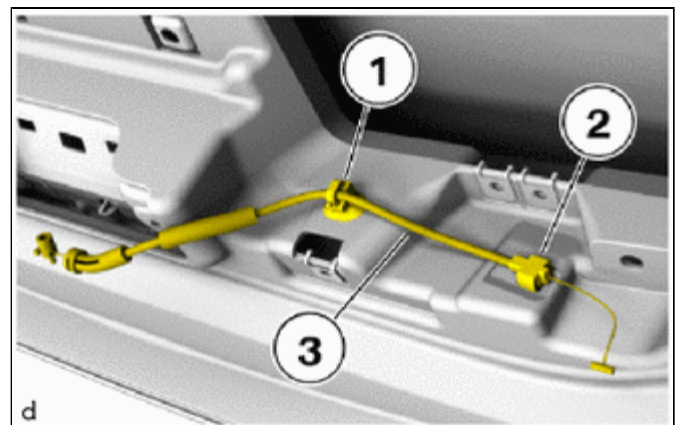
Click here [INFO](#)

5. REMOVE BACK DOOR LOCK ASSEMBLY

Click here [INFO](#)

6. REMOVE BACK DOOR LOCK CONTROL CABLE ASSEMBLY

(a) Disengage clips (1) and (2) to remove the back door lock control cable assembly (3).

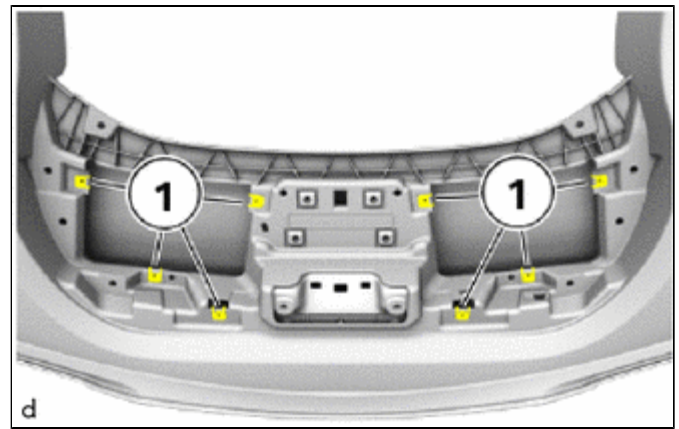


7. REMOVE MULTIPLE-BAND AERIAL

Click here [INFO](#)

8. REMOVE SHEET METAL NUT

(a) Remove sheet metal nuts (1).

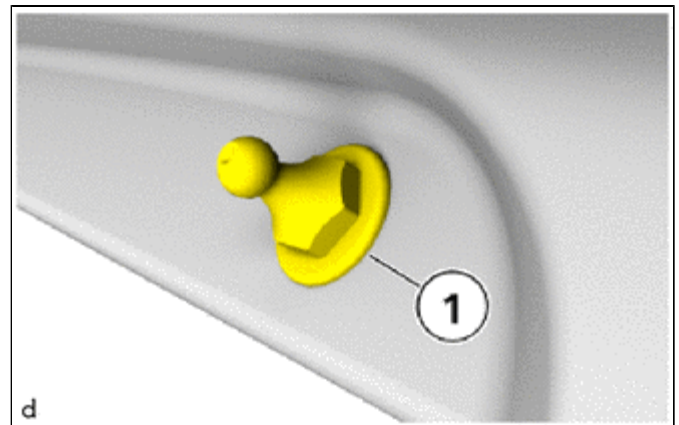


9. REMOVE BACK DOOR STAY BOLT

HINT:

Perform the operations on the left and right side.

(a) Using a deep socket wrench 16 mm, loosen back door stay bolt (1) and remove.

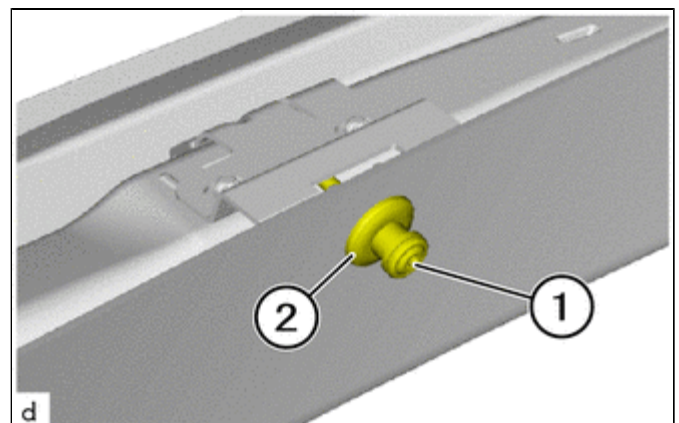


10. REMOVE PIN

HINT:

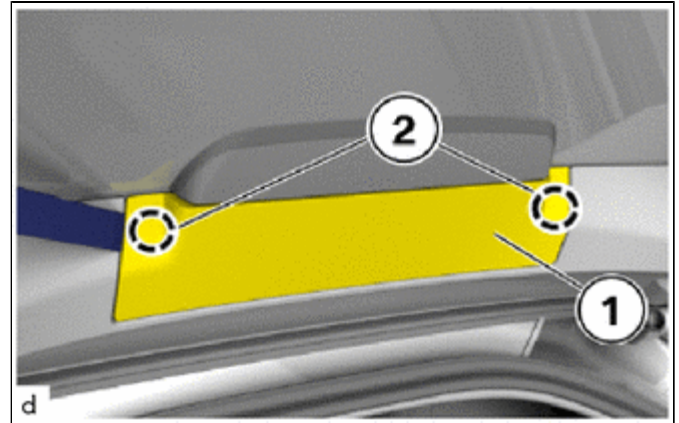
Perform the operations on the left and right side.

(a) Remove T20 screw (1) and pin (2).



11. REMOVE UPPER BACK DOOR TRIM

- (a) Using a moulding remover A, disengage the clamps (2) to remove the the upper back door trim on top (1).



12. REMOVE CENTER STOP LIGHT ASSEMBLY

Click here [INFO](#)

13. REMOVE NO. 1 AMPLIFIER ANTENNA ASSEMBLY

Click here [INFO](#)

14. REMOVE BACK DOOR STAY ASSEMBLY LH

Click here [INFO](#)

15. REMOVE BACK DOOR STAY ASSEMBLY RH

HINT:

Perform the operations on the left and right side.

16. REMOVE NO. 1 BACK DOOR EMBLEM

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTB
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR: ADJUSTMENT; 2020 MY Supra [03/2019 -]		

ADJUSTMENT

CAUTION / NOTICE / HINT

CAUTION:

- Shutting hood sub-assembly or back door panel sub-assembly.
- Danger of injury!
- Support hood sub-assembly / back door panel sub-assembly in fully open position with the aid of a suitable device.

PROCEDURE

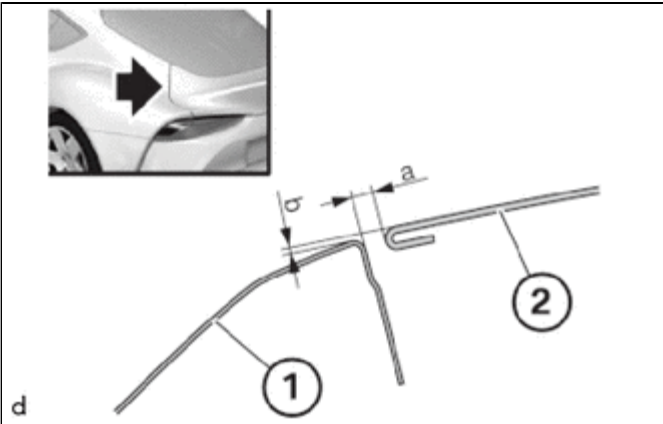
1. INSPECT BACK DOOR PANEL SUB-ASSEMBLY

(a) Check gap dimension of the rear side panel (1) for the back door panel sub-assembly (2).

Gap dimension rear side panel to back door panel sub-assembly:

AREA	MEASUREMENT
a	2.3 to 4.7 mm (0.091 to 0.185 in.)
b	-1.5 to 0.9 mm (-0.059 to 0.035 in.)

- Gap dimension a does not correspond to the specifications.
- Adjust back door panel sub-assembly on the back door hinge.
- Dimension b does not correspond to the specifications.
- Adjust the striker for the back door catch.



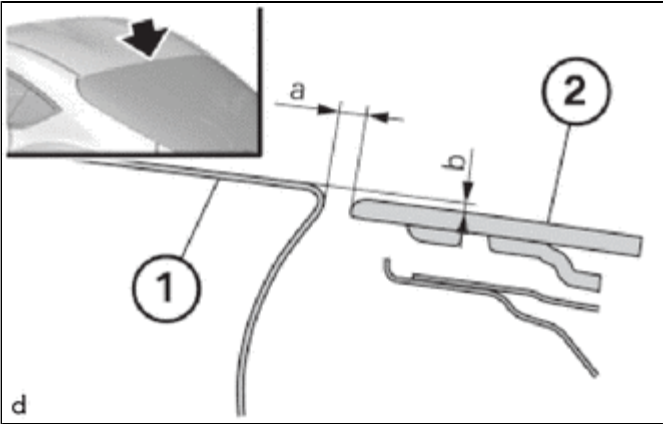
(1)	Rear Side Panel
(2)	Back Door Panel Sub-assembly

(b) Check gap dimension of the roof outer skin (1) for the rear window (2).

Gap dimension rear window to roof outer skin:

AREA	MEASUREMENT
a	5.8 to 9.1 mm (0.228 to 0.358 in.)
b	0.6 to 4.2 mm (0.024 to 0.165 in.)

- Gap dimension a does not correspond to the specifications.
- Adjust back door panel sub-assembly on the back door hinge.



- (3) Dimension b does not correspond to the specifications.
 (4) Adjust back door hinge to body.

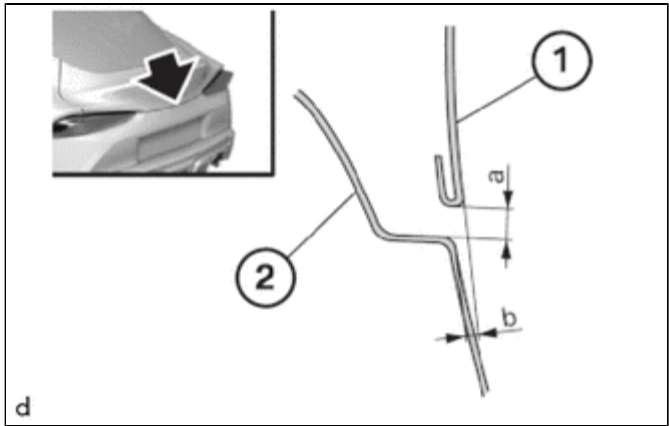
(1)	Roof Outer Skin
(2)	Rear Window

- (c) Check gap dimension of the back door panel sub-assembly
 (1) for the rear bumper panel (2).

Gap dimension back door panel sub-assembly to rear bumper panel:

AREA	MEASUREMENT
a	3.6 to 6.6 mm (0.142 to 0.260 in.)
b	0.5 to 4.1 mm (0.020 to 0.161 in.)

- (1) Gap dimension a does not correspond to the specifications.
 (2) Gap dimension a does not correspond to the specifications.
 (3) Dimension b does not correspond to the specifications.
 (4) Adjust back door panel sub-assembly to back door hinge.



(1)	Back Door Panel Sub-assembly
(2)	Rear Bumper Panel

2. REMOVE PACKAGE TRAY TRIM PANEL ASSEMBLY

Click here [INFO](#)

3. REMOVE DECK BOARD ASSEMBLY

Click here [INFO](#)

4. REMOVE TRIANGLE REFLECTOR SET

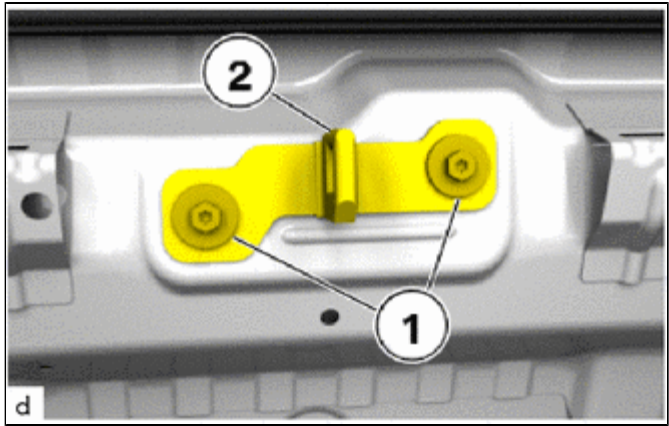
Click here [INFO](#)

5. REMOVE DECK TRIM REAR COVER

Click here [INFO](#)

6. ADJUST BACK DOOR PANEL SUB-ASSEMBLY

- (a) Loosen the 11 mm bolts (1) until the back door lock striker assembly for back door catch (2) can still be moved to the top and self-centers itself.



- (b) Close back door panel sub-assembly.
- (c) Open back door panel sub-assembly.
- (d) Tighten the 11 mm bolts (1).

Torque:

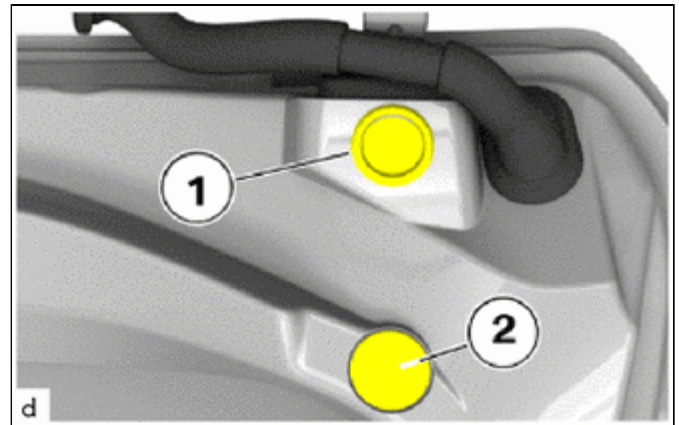
19.0 N·m {194 kgf·cm, 14 ft·lbf}

HINT:

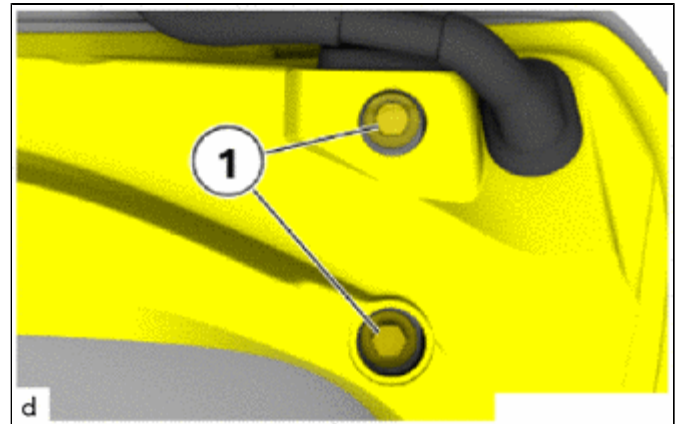
When the back door panel sub-assembly is closed, the back door lock striker assembly for back door catch must not touch or scrape against the back door lock assembly.

- (e) Look for scratch marks and readjust back door lock striker assembly for back door catch (2) if needed.

- (f) Remove the plug (1) and the cover (2).



- (g) Loosen bolts (1) until the back door panel sub-assembly can be moved.

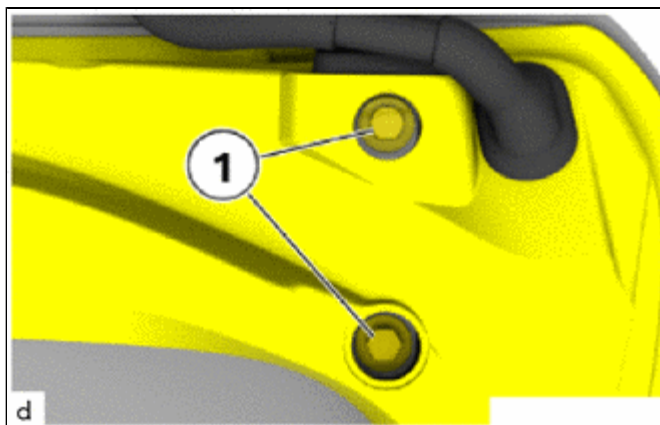


- (h) Adjust back door panel sub-assembly laterally and longitudinally to the correct gap dimension.

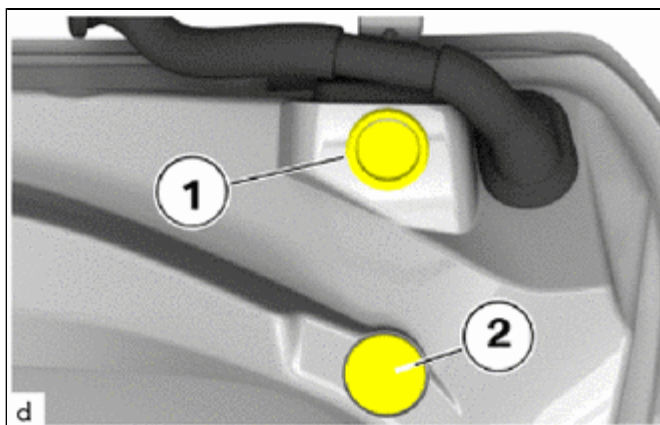
- (i) Tighten the bolts (1).

Torque:

28.0 N·m {286 kgf·cm, 21 ft·lbf}



(j) Insert the plug (1) and the cover (2).



7. INSTALL DECK TRIM REAR COVER

Click here [INFO](#)

8. INSTALL TRIANGLE REFLECTOR SET

Click here [INFO](#)

9. INSTALL DECK BOARD ASSEMBLY

Click here [INFO](#)

10. INSTALL PACKAGE TRAY TRIM PANEL ASSEMBLY

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTA
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR: REASSEMBLY; 2020 MY Supra [03/2019 -]		

REASSEMBLY

PROCEDURE

1. INSTALL NO. 1 BACK DOOR EMBLEM

Click here [INFO](#)

2. INSTALL BACK DOOR STAY ASSEMBLY LH

Click here [INFO](#)

3. INSTALL BACK DOOR STAY ASSEMBLY RH

HINT:
 Perform the operations on the left and right side.

4. INSTALL NO. 1 AMPLIFIER ANTENNA ASSEMBLY

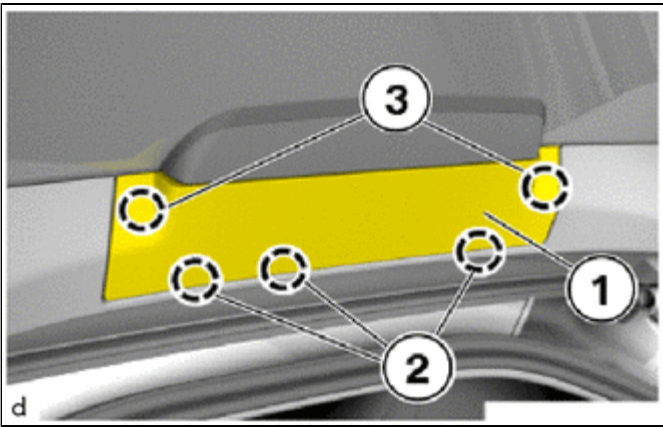
Click here [INFO](#)

5. INSTALL CENTER STOP LIGHT ASSEMBLY

Click here [INFO](#)

6. INSTALL UPPER BACK DOOR TRIM

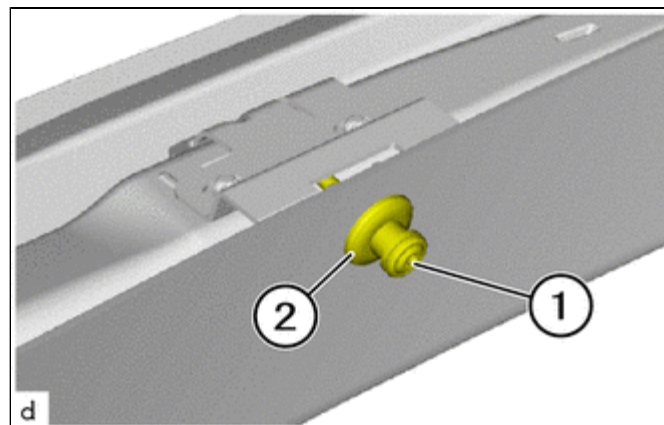
(a) Insert the upper back door trim (1) at the guides (2) and secure it with the clamps (3).



7. INSTALL PIN

HINT:
 Perform the operations on the left and right side.

(a) Position the pin (2).



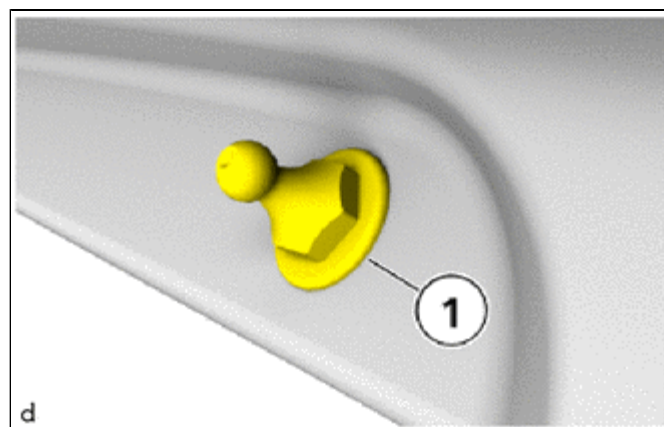
(b) Tighten the T20 screw (1).

8. INSTALL BACK DOOR STAY BOLT

HINT:

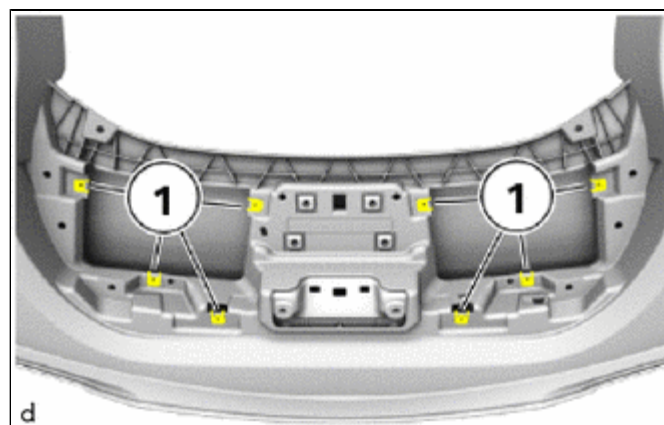
Perform the operations on the left and right side.

(a) Using a deep socket wrench 16 mm, position and tighten back door stay bolt (1).



9. INSTALL SHEET METAL NUT

(a) Install sheet metal nuts (1).

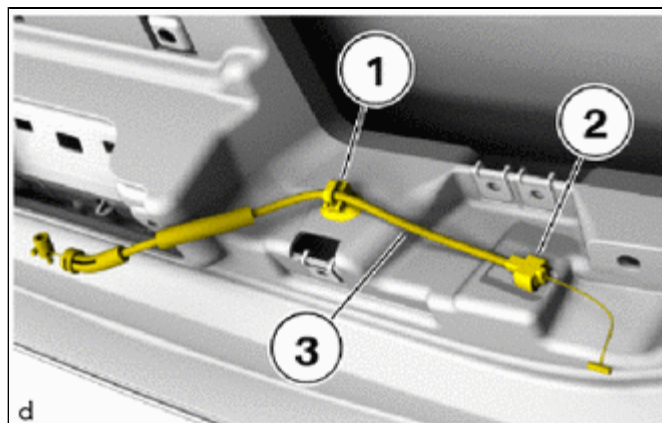


10. INSTALL MULTIPLE-BAND AERIAL

Click here [INFO](#)

11. INSTALL BACK DOOR LOCK CONTROL CABLE ASSEMBLY

(a) Install back door lock control cable assembly (3) and fasten with the clips (1) and (2).



12. INSTALL BACK DOOR LOCK ASSEMBLY

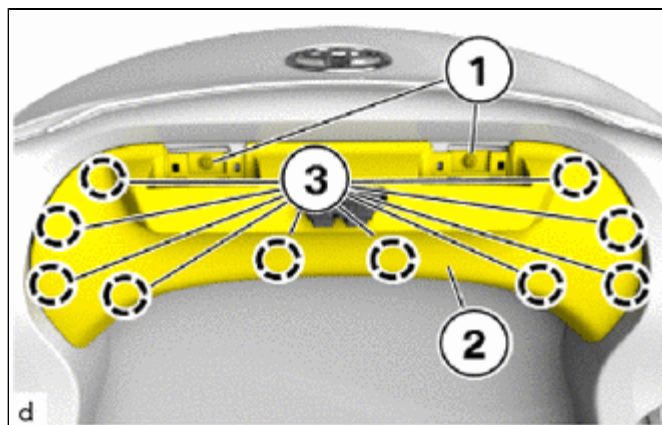
Click here [INFO](#)

13. CONNECT BACK DOOR LOCK CONTROL CABLE ASSEMBLY

Click here [INFO](#)

14. INSTALL BACK DOOR TRIM BOARD

(a) Clip in the back door trim board (2) with the clips (3).

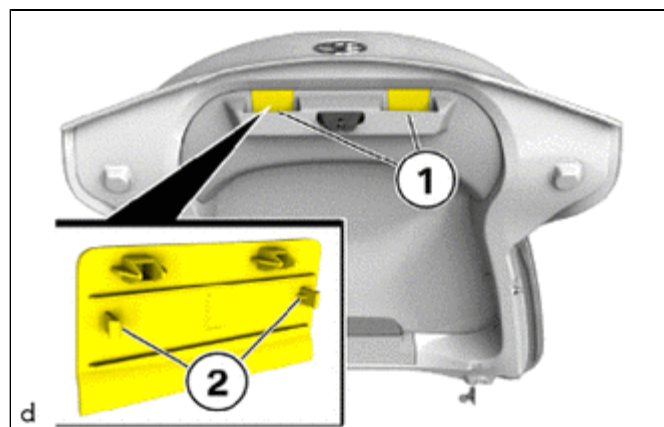


(b) Tighten the T25 screws (1) at the back door trim board (2).

Torque:

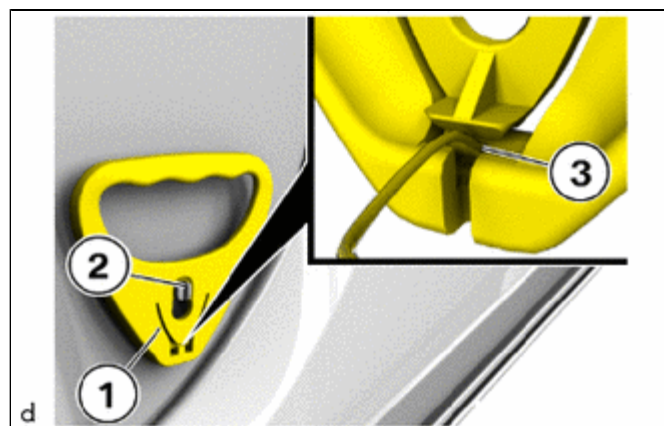
2.8 N·m {29 kgf·cm, 25 in·lbf}

(c) Clip in the back door trim covers of the screw points (1) in the claws (2).



15. INSTALL EMERGENCY RELEASE HANDLE

(a) Connect emergency release handle (1) in the back door lock control cable assembly (3).



(b) Fasten emergency release handle (1) on the holding clip (2).

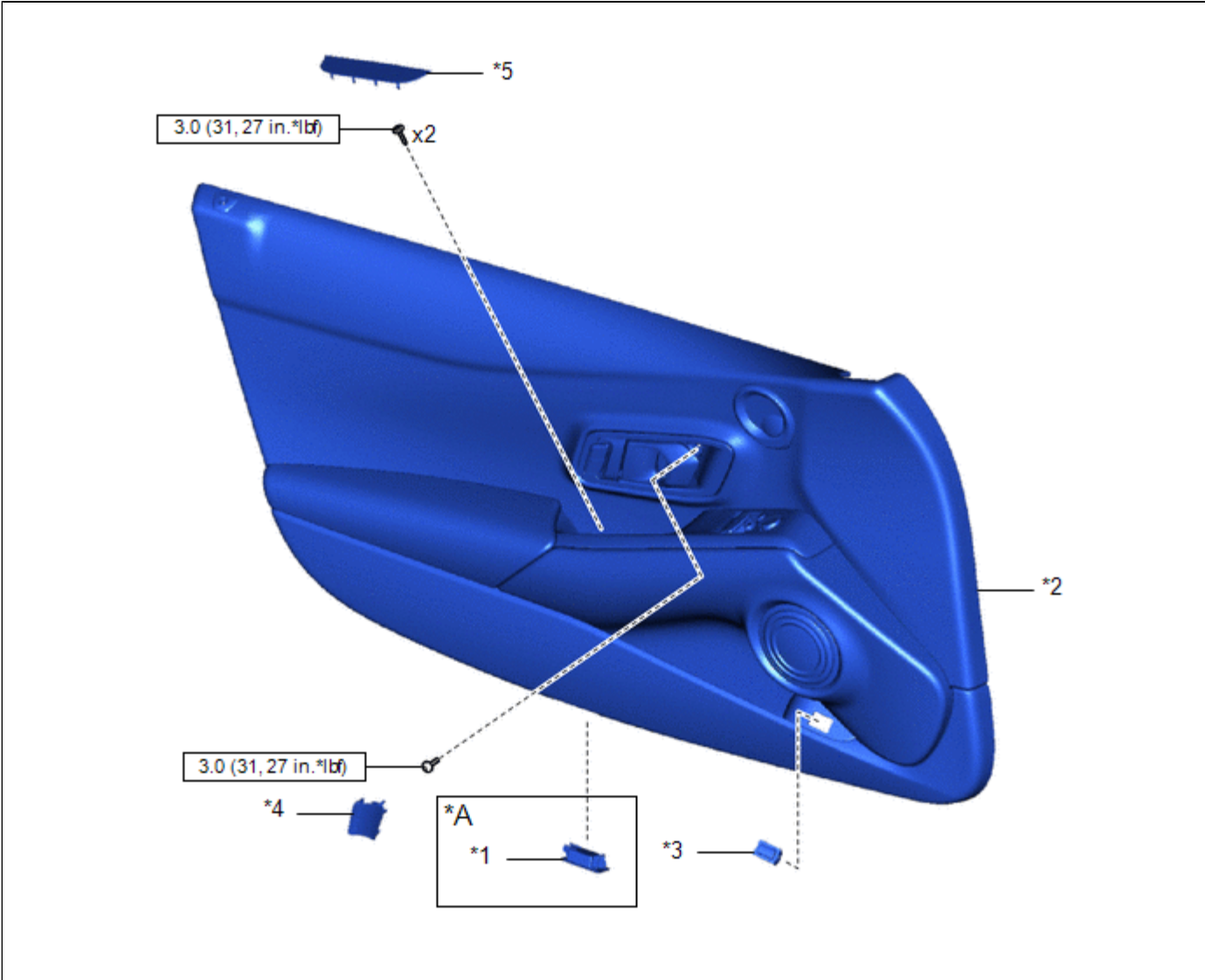
16. INSTALL PACKAGE TRAY TRIM PANEL ASSEMBLY

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTJ
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR OPENER SWITCH: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*A	w/ Courtesy Light	-	-
*1	COURTESY LIGHT ASSEMBLY	*2	FRONT DOOR TRIM BOARD SUB-ASSEMBLY LH
*3	LUGGAGE COMPARTMENT DOOR OPENING SWITCH ASSEMBLY	*4	NO. 2 DOOR INSIDE HANDLE BEZEL LH
*5	DOOR TRIM COVER LH	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

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Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTK
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR OPENER SWITCH: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

PROCEDURE

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

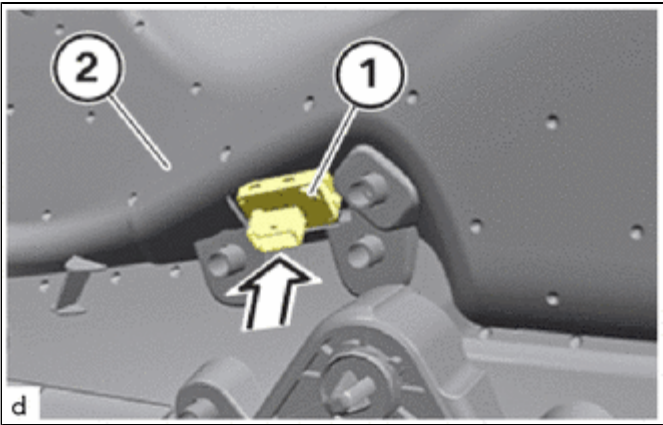
Click here [INFO](#)

2. REMOVE FRONT DOOR TRIM BOARD SUB-ASSEMBLY LH

Click here [INFO](#)

3. REMOVE LUGGAGE COMPARTMENT DOOR OPENING SWITCH ASSEMBLY

- (a) Press the luggage compartment door opening switch assembly (1) from the front door trim board sub-assembly (2) in the direction of arrow.



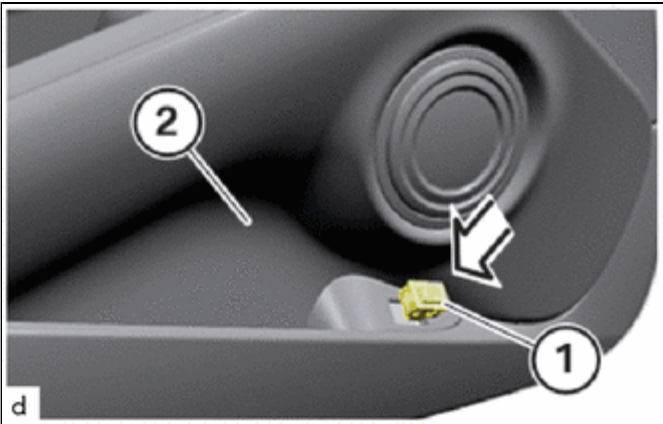
Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTL
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR OPENER SWITCH: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

PROCEDURE

1. INSTALL LUGGAGE COMPARTMENT DOOR OPENING SWITCH ASSEMBLY

- (a) Press the luggage compartment door opening switch assembly (1) into the front door trim board sub-assembly (2) in the direction of the arrow.



2. INSTALL FRONT DOOR TRIM BOARD SUB-ASSEMBLY LH

Click here [INFO](#)

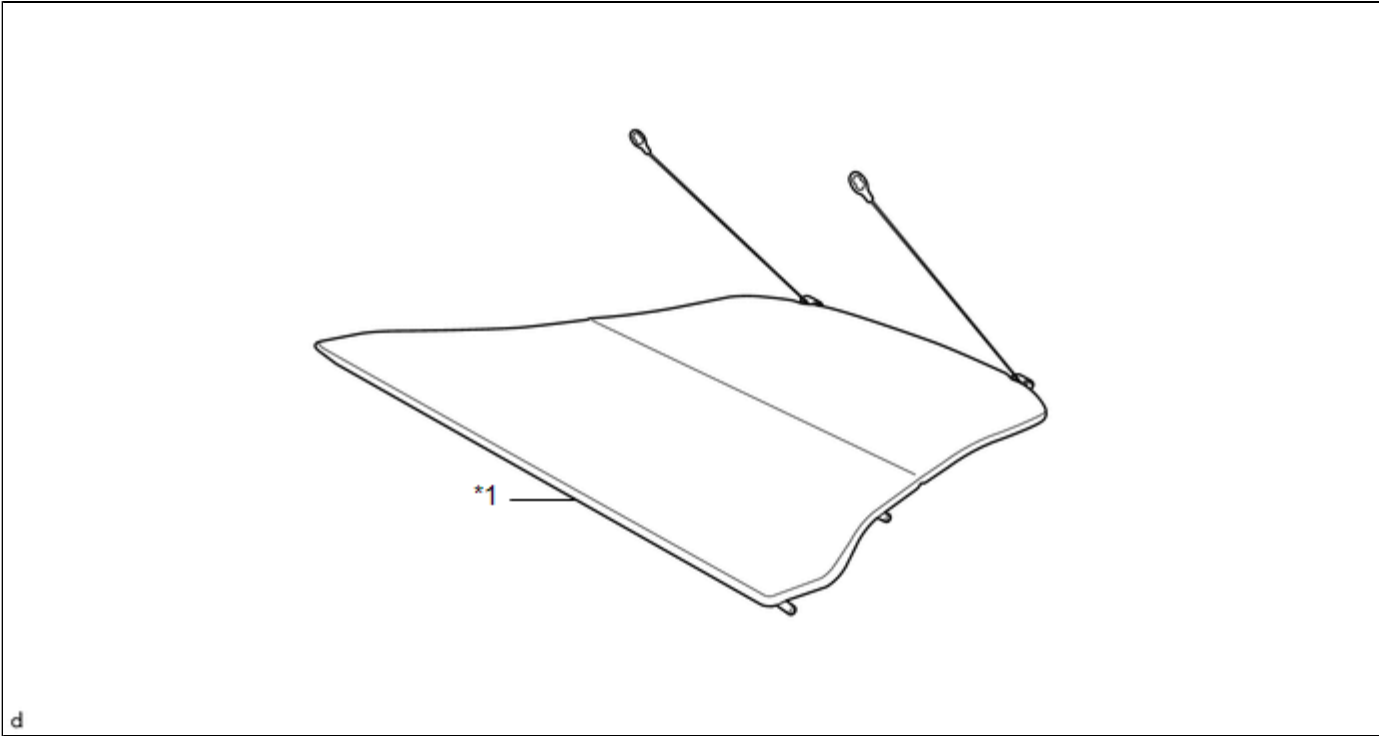
3. INSTALL COURTESY LIGHT ASSEMBLY (w / Courtesy Light)

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTF
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR SUPPORT: COMPONENTS; 2020 MY Supra [03/2019 -]		

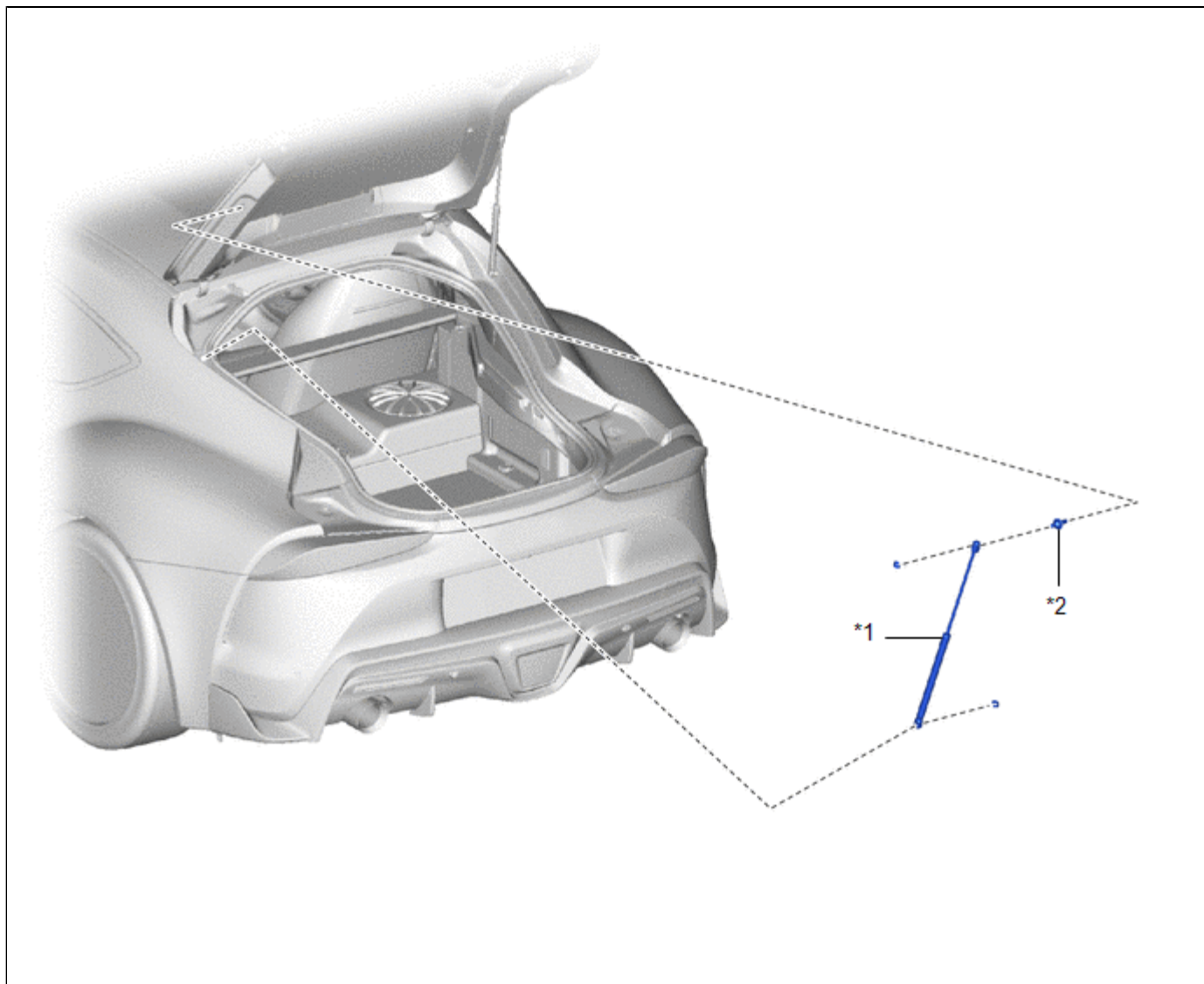
COMPONENTS

ILLUSTRATION



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

ILLUSTRATION



*1	BACK DOOR STAY ASSEMBLY	*2	BACK DOOR STAY BOLT
----	-------------------------	----	---------------------

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTG
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR SUPPORT: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

HINT:

Perform the operations on the left and right side.

PROCEDURE

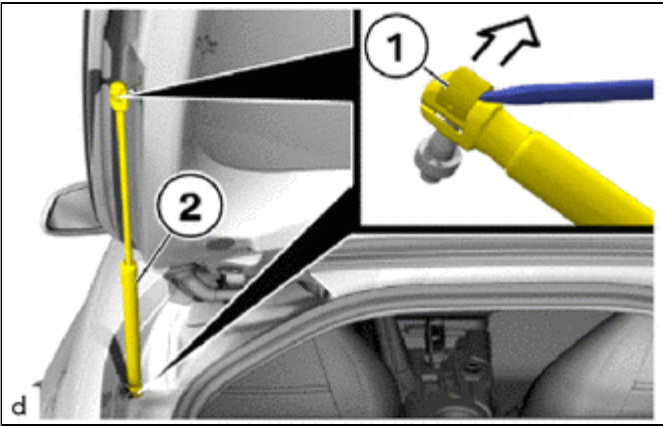
1. REMOVE PACKAGE TRAY TRIM PANEL ASSEMBLY

Click here [INFO](#)

2. REMOVE BACK DOOR STAY ASSEMBLY

CAUTION:

- Component with preload.
 - Danger of injury!
 - Reduce preload as far as possible before disassembly. Relieve component.
- Shutting hood sub-assembly or back door panel sub-assembly.
 - Danger of injury!
 - Support hood sub-assembly / back door panel sub-assembly in fully open position with the aid of a suitable device.



(a) Push clamps (1) open with a screwdriver in the direction of arrow.

(b) Pull off ball socket of the back door stay assembly (2), top and bottom in the direction of arrow from the back door stay bolt.

(c) Remove back door stay assembly (2).

3. REMOVE BACK DOOR STAY BOLT

Click here [INFO](#)



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTH
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR SUPPORT: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

HINT:
Perform the operations on the left and right side.

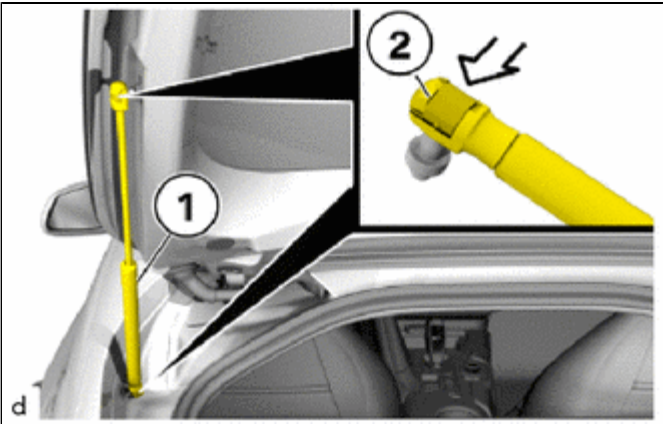
PROCEDURE

1. INSTALL BACK DOOR STAY BOLT

Click here [INFO](#)

2. INSTALL BACK DOOR STAY ASSEMBLY

(a) Position the back door stay assembly (1) on the back door stay bolt on the top and bottom.



(b) Position the ball sockets of the back door stay assembly (1) each on the top and bottom in the direction of arrow on the back door stay bolt and engage.

(c) Make sure the clamps (2) are engaged correctly on the top and bottom.

3. INSTALL PACKAGE TRAY TRIM PANEL ASSEMBLY

Click here [INFO](#)

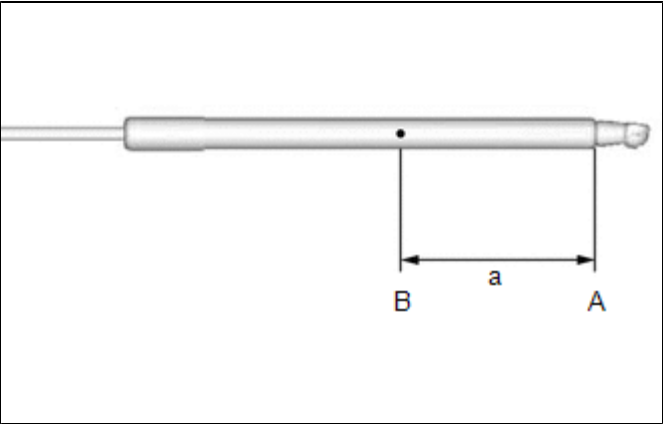
Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTI
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR SUPPORT: DISPOSAL; 2020 MY Supra [03/2019 -]		

DISPOSAL

PROCEDURE

1. DISPOSE OF BACK DOOR STAY ASSEMBLY

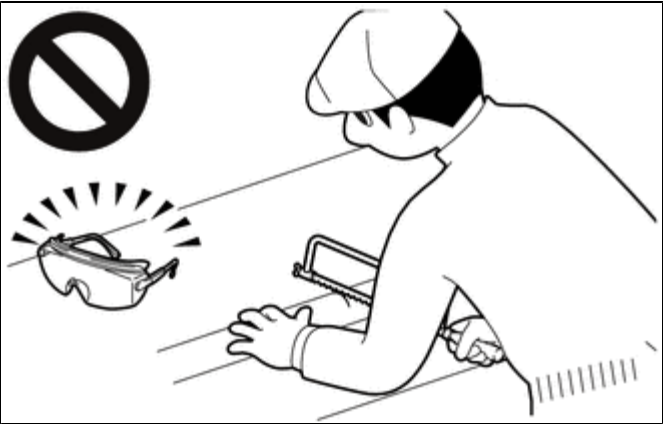
- (a) Fully extend the back door stay assembly.
- (b) Secure the back door stay assembly horizontally in a vise with the piston rod pulled out.
- (c) Wearing protective glasses, extend the piston rod and cover it with a cloth. At position B, located 50.0 mm (1.97 in.) from position A shown in the illustration, use a metal saw to cut a hole and release the gas.



Specification:

AREA	MEASUREMENT
a	50.0 mm (1.97 in.)

CAUTION:
 Always use proper safety equipment and be careful when drilling because shards of metal way fly about.

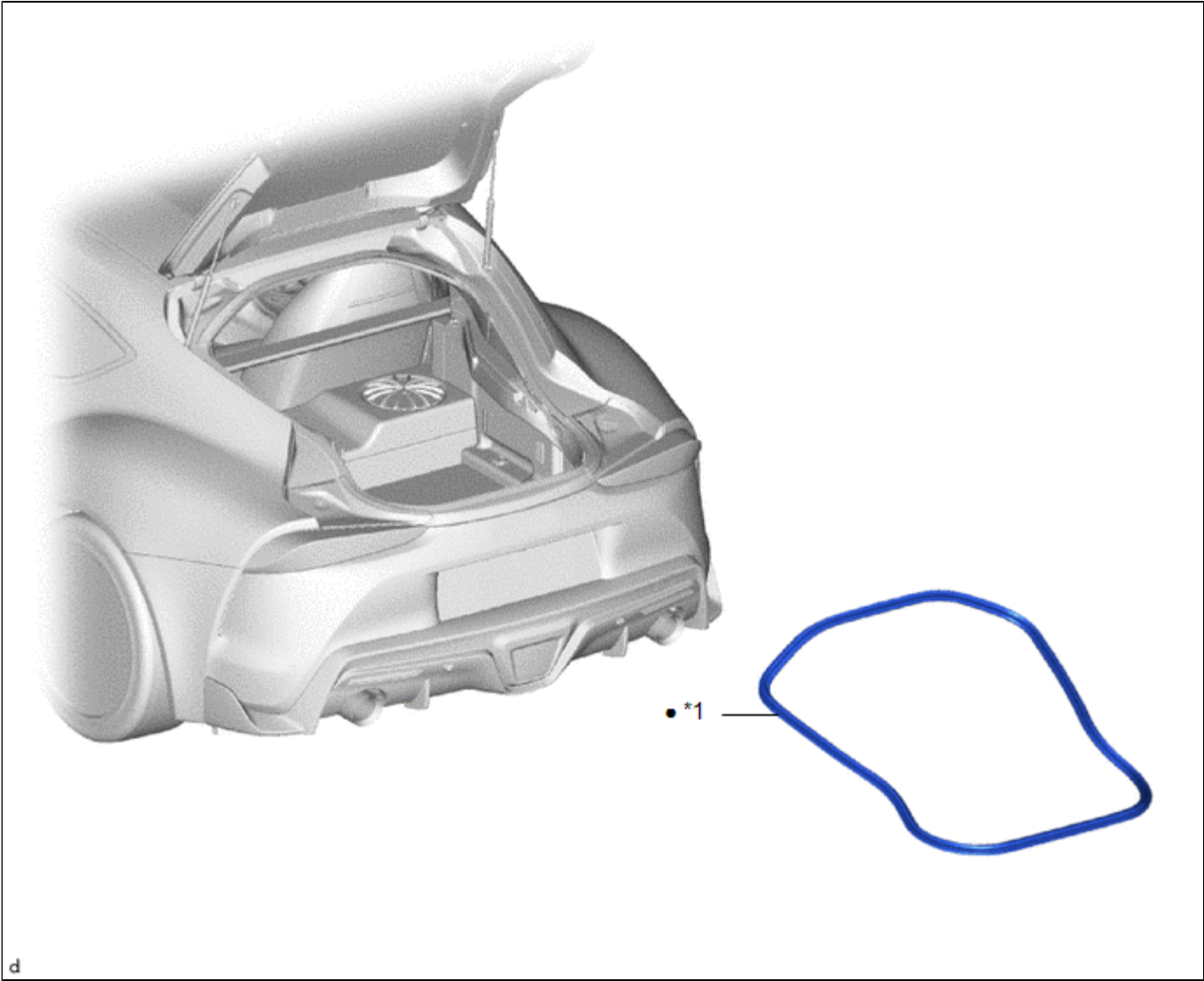


HINT:
 The gas is colorless, odorless and non-poisonous.

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTC
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR WEATHERSTRIP: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	BACK DOOR WEATHERSTRIP	-	-
•	Non-reusable part	-	-

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTD
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR WEATHERSTRIP: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

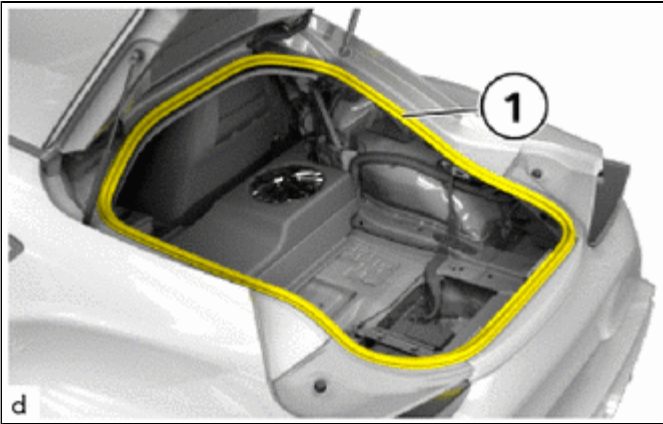
PROCEDURE

1. REMOVE DECK TRIM SIDE BOARD AND DECK SIDE TRIM COVER RH

Click here [INFO](#)

2. REMOVE BACK DOOR WEATHERSTRIP

(a) Pull off the back door weatherstrip (1) from the body beginning from the center and remove.



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTE
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: BACK DOOR WEATHERSTRIP: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

PROCEDURE

1. INSTALL BACK DOOR WEATHERSTRIP

- (a) Remove remnants of the sealant from the sheet metal flange.
- (b) Clean the sheet metal flange.
- (c) Replace the back door weatherstrip.
- (d) Mount the back door weatherstrip beginning from the top center.
- (e) Check the closing function of the back door panel sub-assembly.
- (f) The back door panel sub-assembly is not closing correctly.
- (g) Make sure that the back door weatherstrip is positioned correctly against adjacent trim panel components.

2. INSTALL DECK TRIM SIDE BOARD AND DECK SIDE TRIM COVER RH

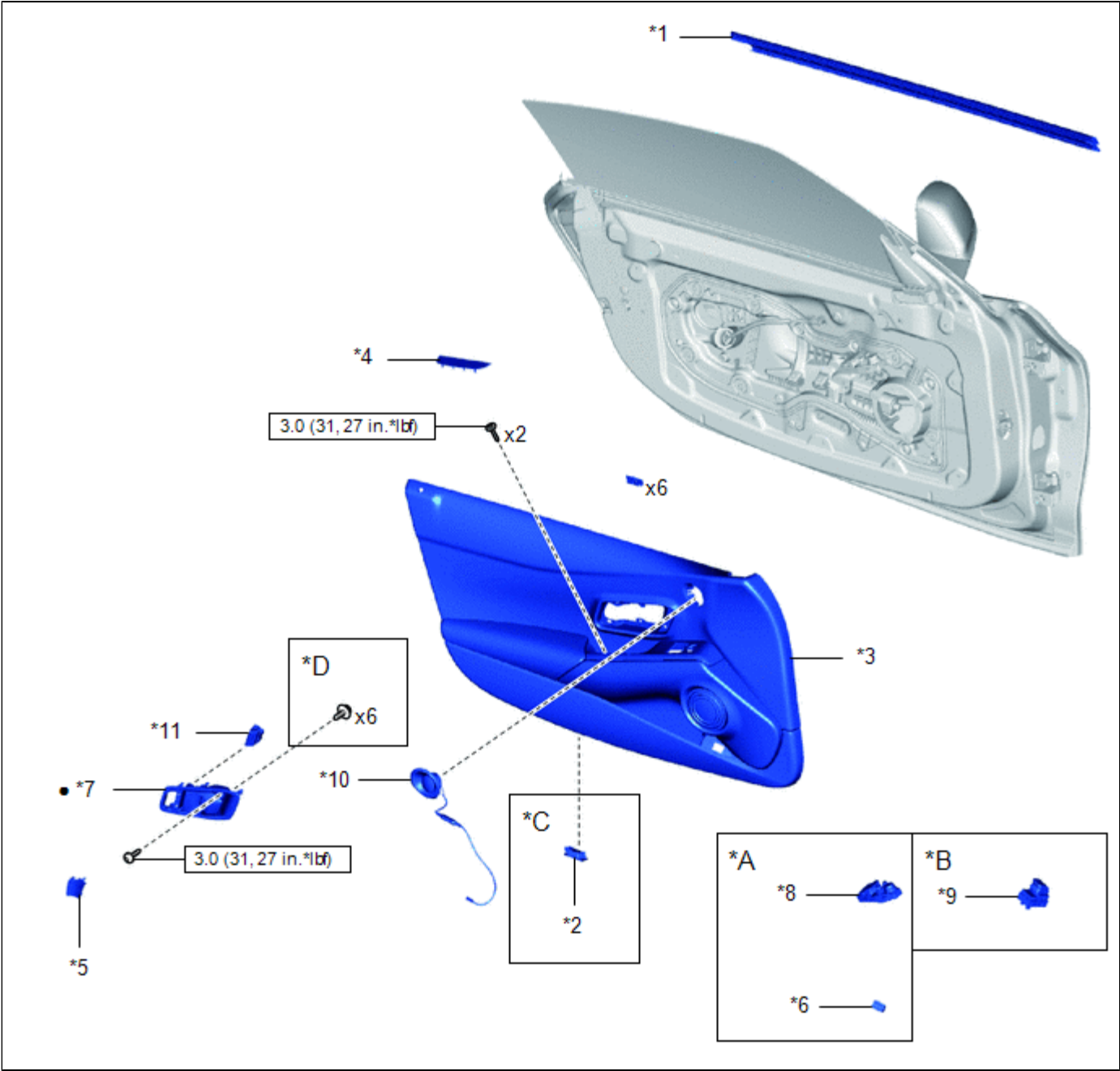
Click here [INFO](#)



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCT1
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: FRONT DOOR: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

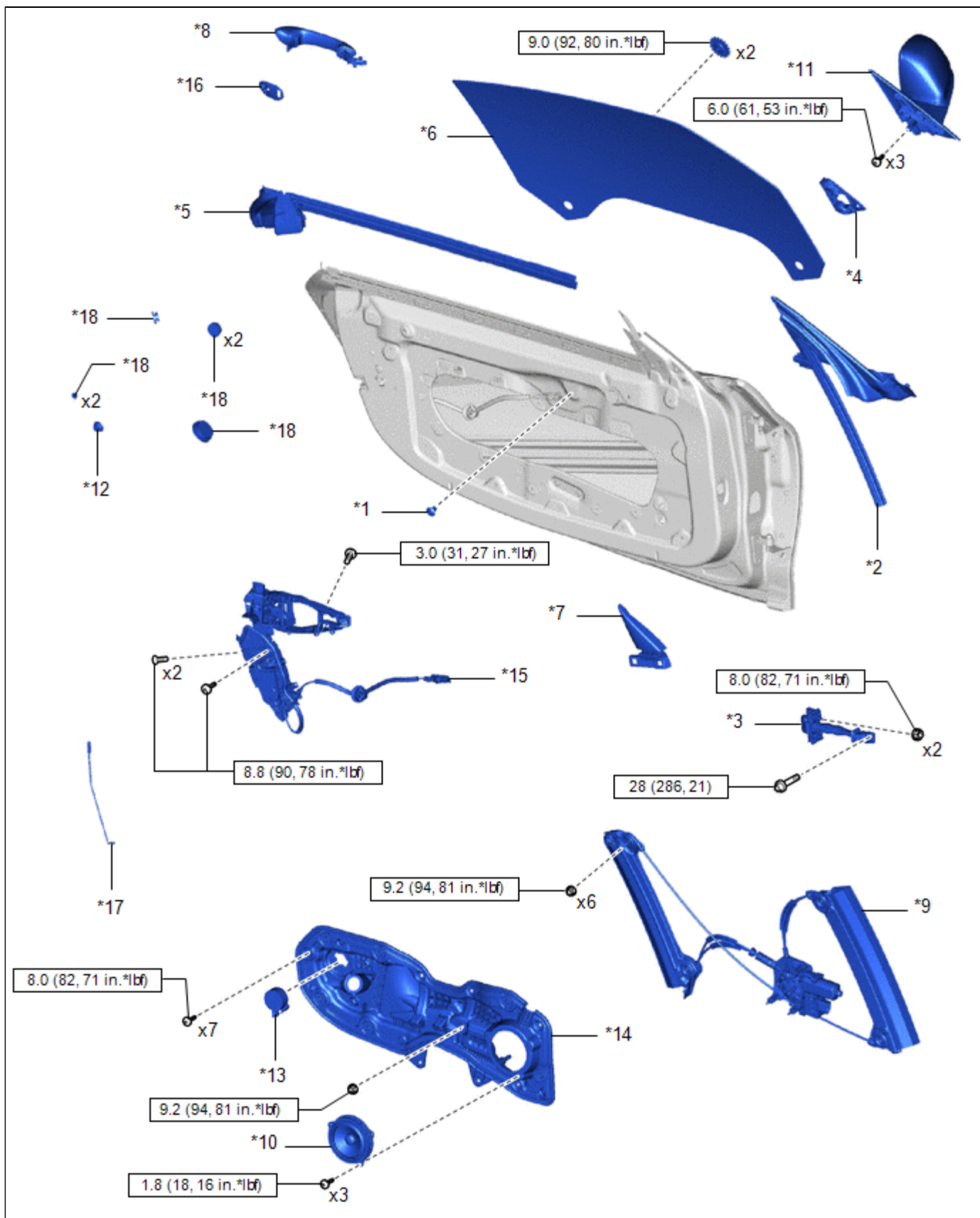
ILLUSTRATION



*A	for Driver Side	*B	for Front Passenger Side
*C	w/ Courtesy Light	*D	Replacing
*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	*6	LUGGAGE COMPARTMENT DOOR OPENING SWITCH ASSEMBLY
*7	FRONT DOOR INSIDE HANDLE	*8	POWER WINDOW REGULATOR MASTER SWITCH ASSEMBLY
*9	POWER WINDOW REGULATOR SWITCH ASSEMBLY	*10	FRONT NO. 2 SPEAKER ASSEMBLY
*11	DOOR CONTROL SWITCH ASSEMBLY	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

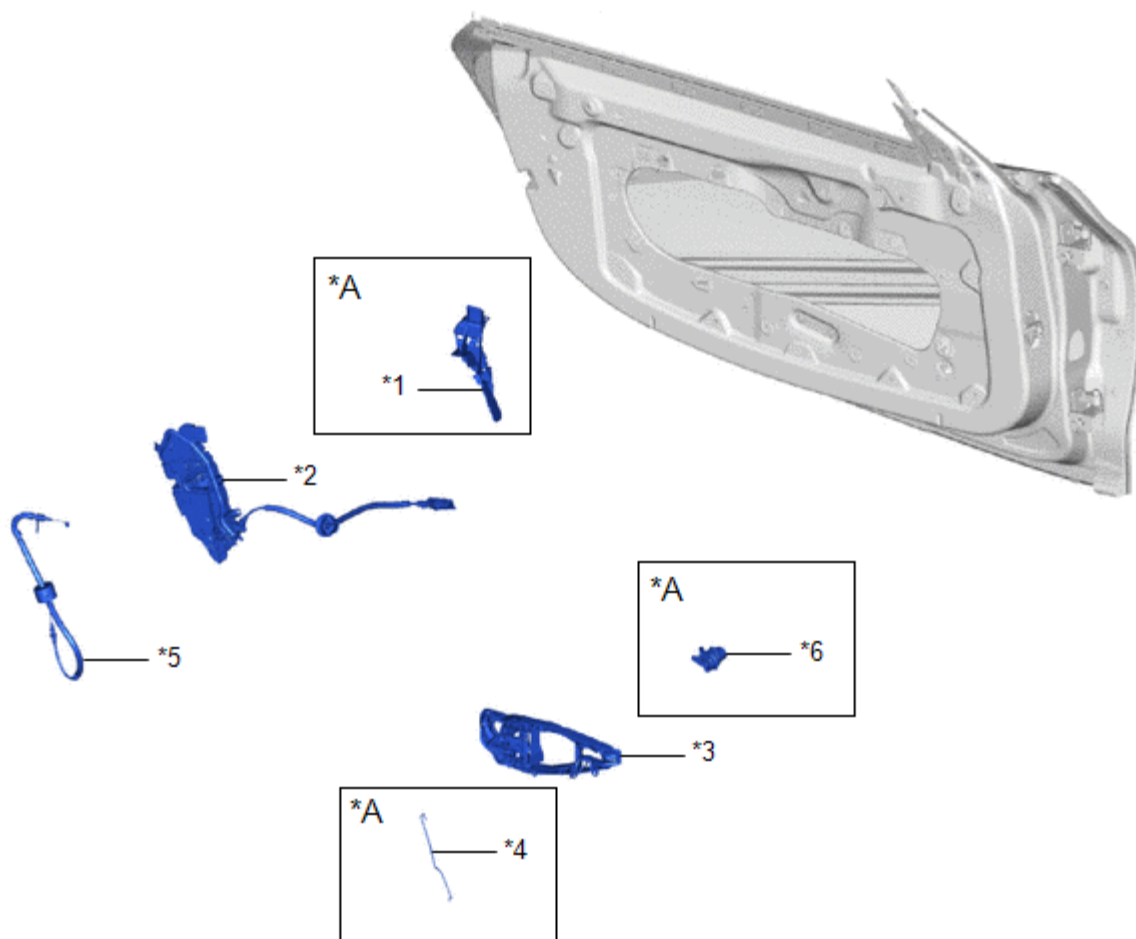
ILLUSTRATION



*1	EXPANSION NUT	*2	FRONT DOOR BELT FRONT SEAL
*3	FRONT DOOR CHECK ASSEMBLY	*4	FRONT DOOR FRONT LOWER FRAME UPPER COVER

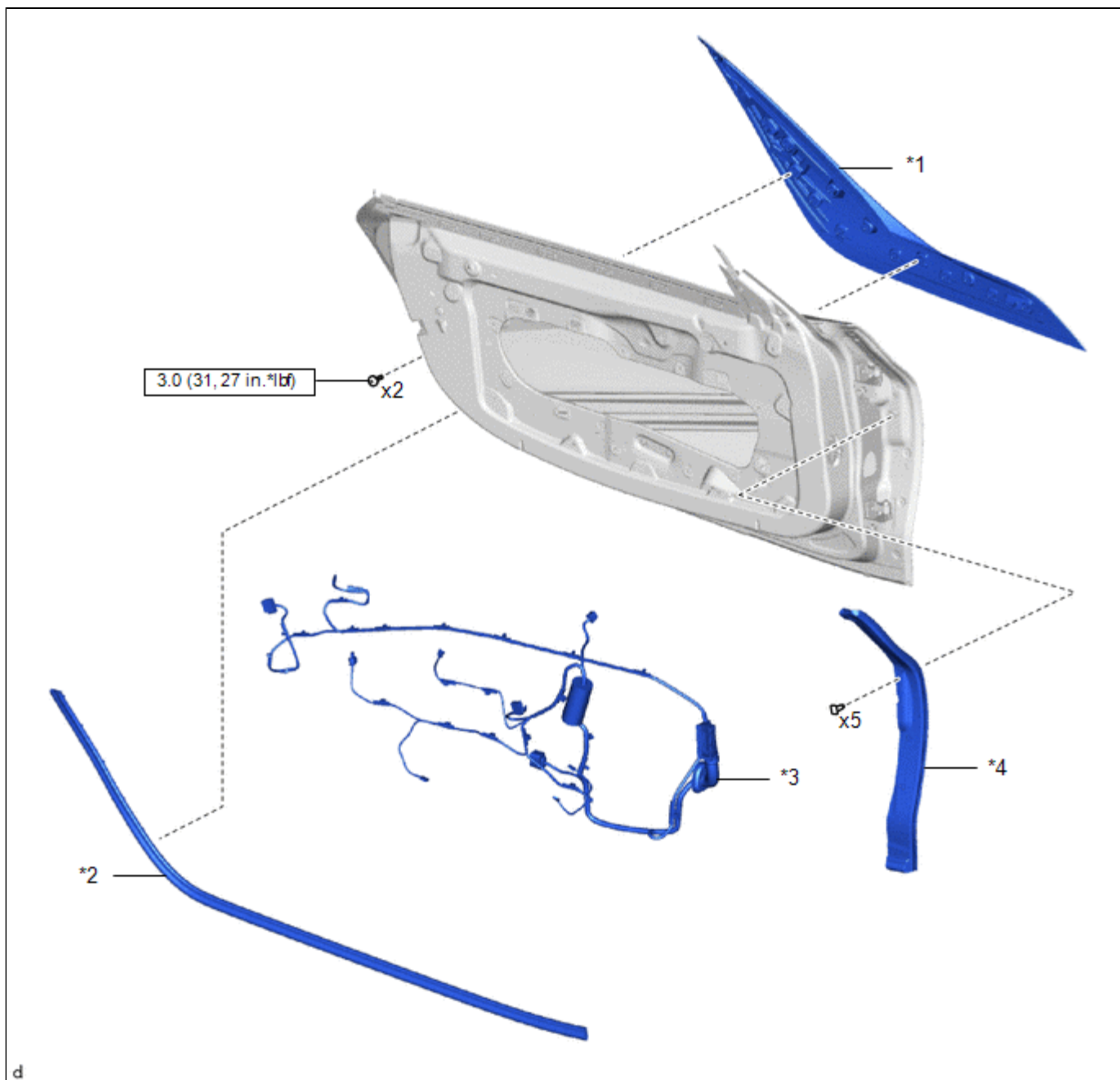
*5	FRONT DOOR GLASS INNER WEATHERSTRIP	*6	FRONT DOOR GLASS SUB-ASSEMBLY
*7	FRONT DOOR LOWER FRAME BRACKET GARNISH	*8	FRONT DOOR OUTSIDE HANDLE ASSEMBLY
*9	FRONT DOOR WINDOW REGULATOR ASSEMBLY	*10	FRONT NO. 1 SPEAKER ASSEMBLY
*11	OUTER REAR VIEW MIRROR ASSEMBLY	*12	PROTECTIVE CAP
*13	SIDE AIRBAG PRESSURE SENSOR	*14	SOUND INSULATION
*15	FRONT DOOR LOCK WITH MOTOR ASSEMBLY WITH FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY	*16	FRONT DOOR OUTSIDE HANDLE COVER
*17	FRONT DOOR LOCK OPEN ROD	*18	SEAL PLUG
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

ILLUSTRATION



*A	for Driver Side	-	-
*1	DOOR LOCK SPACER	*2	FRONT DOOR LOCK WITH MOTOR ASSEMBLY
*3	FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY	*4	FRONT DOOR LOCK CONTROL LINK SUB-ASSEMBLY
*5	FRONT DOOR LOCK REMOTE CONTROL OPEN LEVER CABLE	*6	LOCK CYLINDER

ILLUSTRATION



*1	FRONT DOOR OUTSIDE MOULDING SUB-ASSEMBLY	*2	FRONT DOOR WEATHERSTRIP
*3	FRONT DOOR WIRE	*4	NO. 3 FRONT DOOR WEATHERSTRIP
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCT2
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: FRONT DOOR: DISASSEMBLY; 2020 MY Supra [03/2019 -]		

DISASSEMBLY

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! Immobilization period-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.

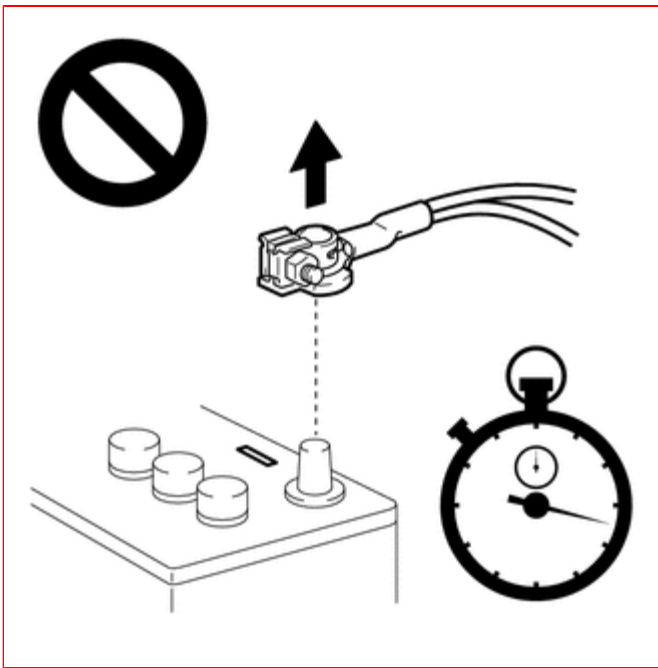
PROCEDURE

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

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CAUTION:

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

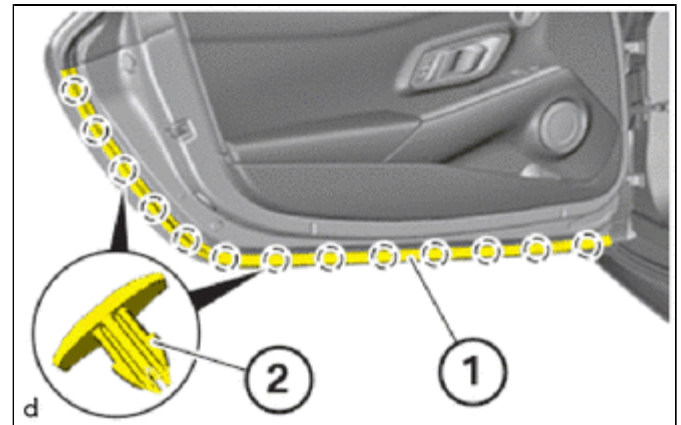


system.

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

2. REMOVE FRONT DOOR WEATHERSTRIP

- (a) Disconnect the front door weatherstrip (1) from the front door panel sub-assembly at the clips (2) marked and remove.



3. REMOVE FRONT DOOR OUTSIDE MOULDING SUB-ASSEMBLY

Click here [INFO](#)

4. REMOVE FRONT DOOR BELT MOULDING ASSEMBLY

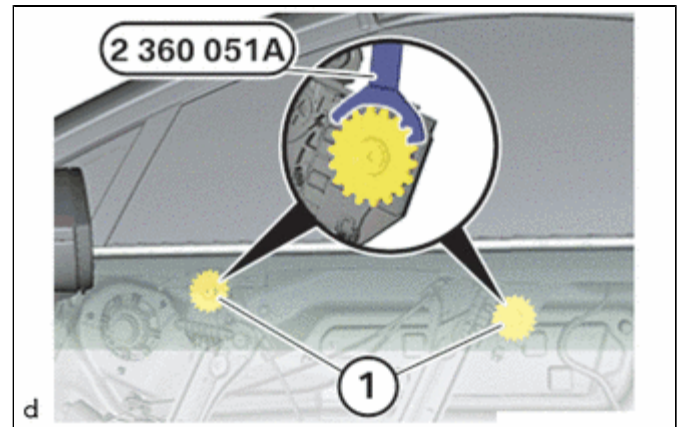
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5. LOOSEN FRONT DOOR GLASS SUB-ASSEMBLY

- (a) Loosen multi-tooth screws (1) on front door glass sub-assembly by turning 2 to 3 rotations using the special tool 2

360 051 (A).

SST: 09800-WA130

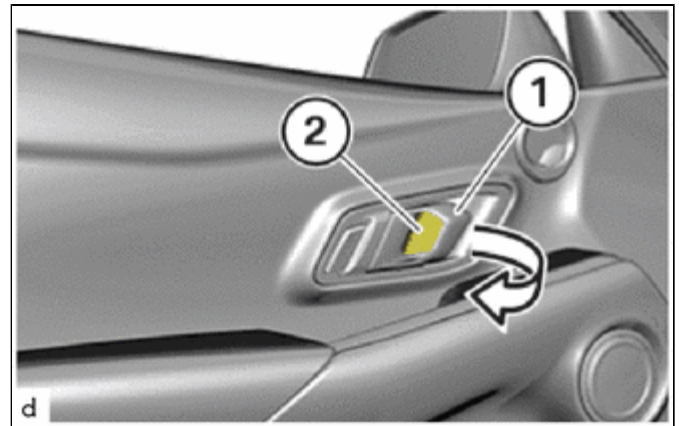


6. REMOVE COURTESY LIGHT ASSEMBLY (w / Courtesy Light)

Click here [INFO](#)

7. REMOVE FRONT DOOR TRIM BOARD SUB-ASSEMBLY

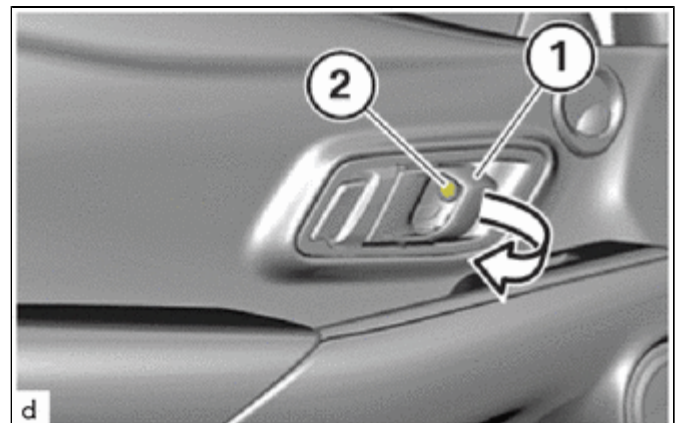
(a) Press and hold door opener (1) in the arrow direction.



(b) Use the special tool 0 493 681 (64 1 020) to remove the No. 2 door inside handle bezel (2).

SST: 09200-WA280

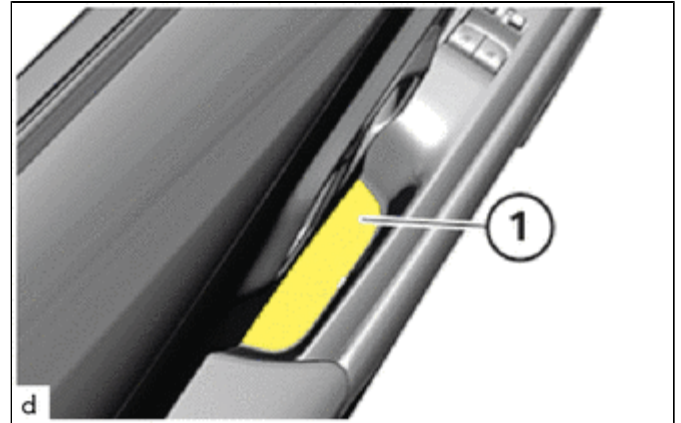
(c) Press and hold door opener (1) in the arrow direction.



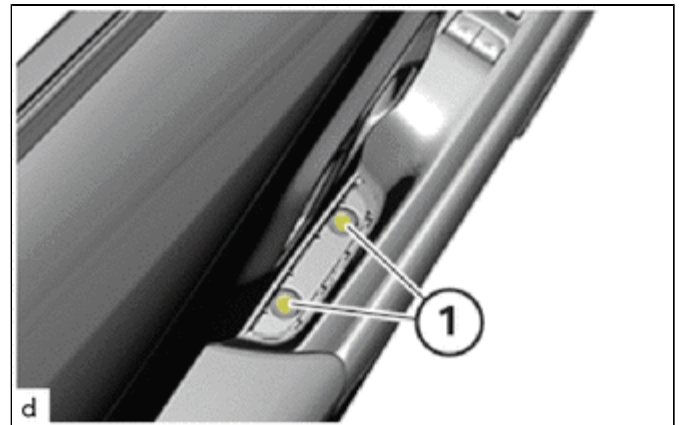
(d) Loosen T20 screw (2).

(e) Remove the door trim cover (1) using the special tool 0 493 681 (64 1 020).

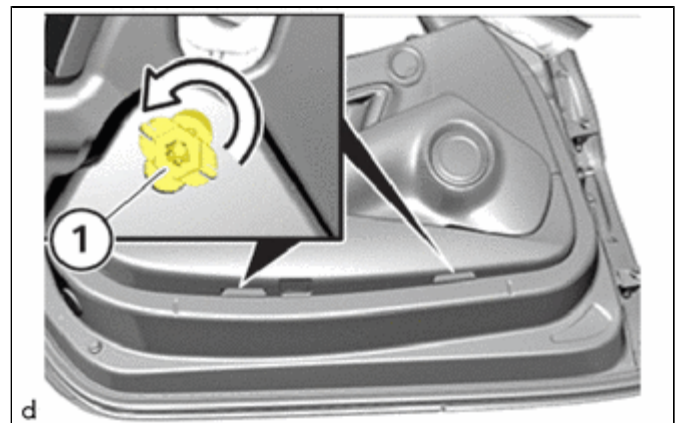
SST: 09200-WA280



(f) Loosen T20 screws (1).

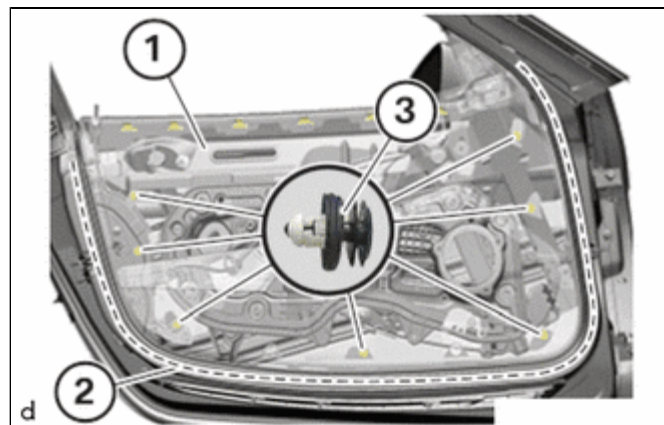


(g) Unlock the locks (1) in the direction of the arrow.

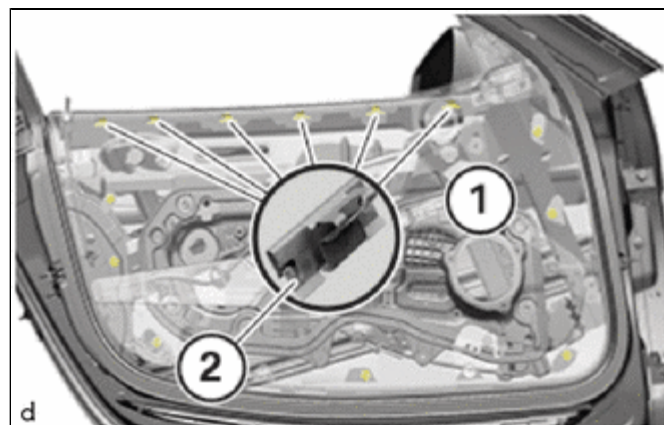


- (h) Unclip the front door trim board sub-assembly (1) from the clips (3) in the marked area (2) with the special tool 0 496 569 (00 9 325).

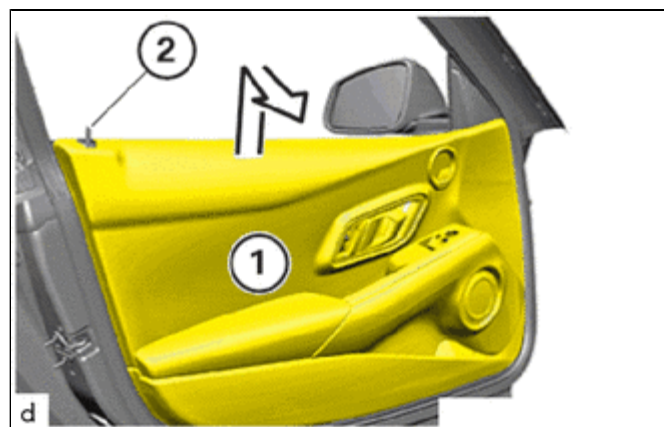
SST: 09900-WA230



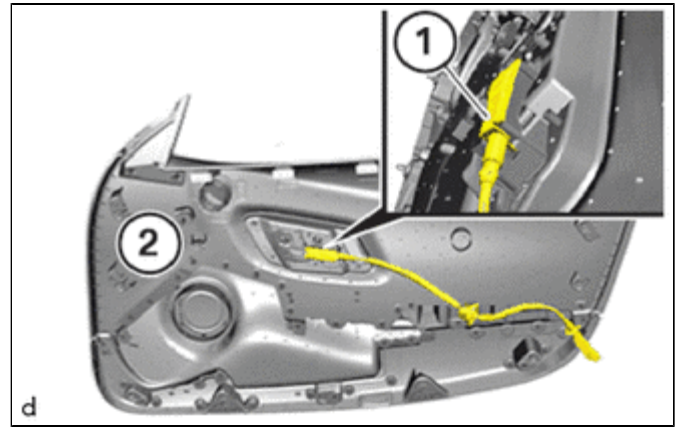
- (i) Remove front door trim board sub-assembly (1) from the clamps (2).



- (j) Slide front door trim board sub-assembly (1) over the front door lock open rod (2) and then tilt it in the direction of arrow.



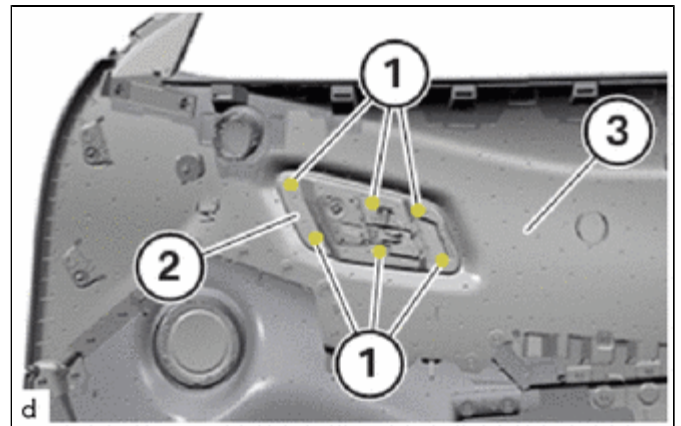
- (k) Release and remove the front door inside locking lock and unlock knob cable (1).



(l) Unlock and disconnect all related plug connections for the front door trim board sub-assembly (2).

(m) Remove front door trim board sub-assembly (2).

8. REMOVE FRONT DOOR INSIDE HANDLE



(a) Drill out or grind down all marked spot-welds (1).

(b) Remove front door inside handle (2) from front door trim board sub-assembly (3).

9. REMOVE DOOR CONTROL SWITCH ASSEMBLY

Click here [INFO](#)

10. REMOVE LUGGAGE COMPARTMENT DOOR OPENING SWITCH ASSEMBLY (for Driver Side)

Click here [INFO](#)

11. REMOVE POWER WINDOW REGULATOR MASTER SWITCH ASSEMBLY (for Driver Side)

Click here [INFO](#)

12. REMOVE POWER WINDOW REGULATOR SWITCH ASSEMBLY (for Front Passenger Side)

Click here [INFO](#)

13. REMOVE FRONT NO. 2 SPEAKER ASSEMBLY

Click here [INFO](#)

14. REMOVE SIDE AIRBAG PRESSURE SENSOR

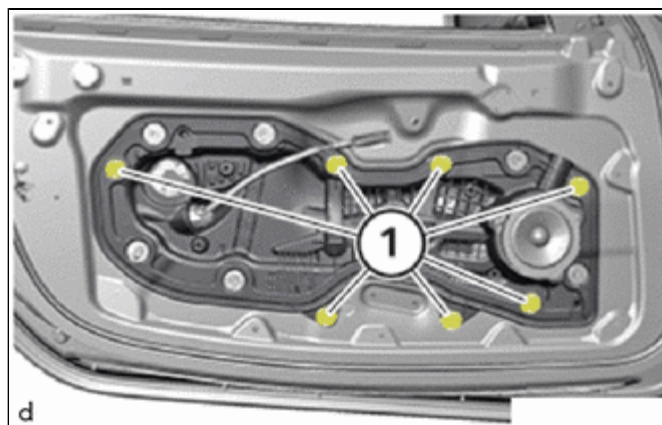
Click here [INFO](#)

15. REMOVE FRONT NO. 1 SPEAKER ASSEMBLY

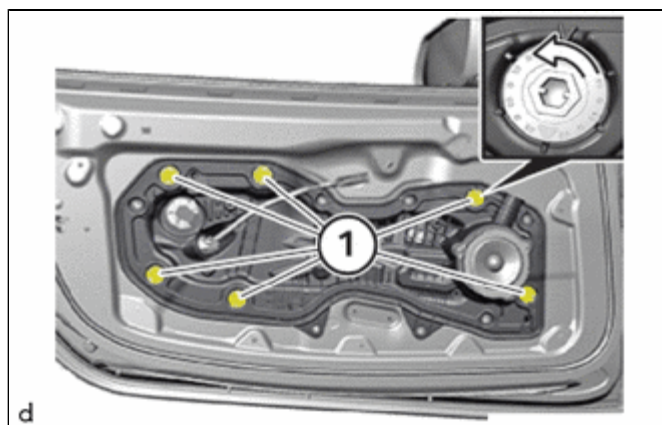
Click here [INFO](#)

16. REMOVE SOUND INSULATION

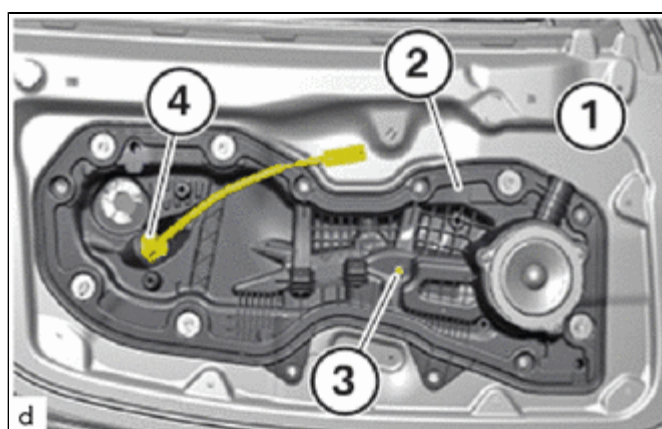
(a) Loosen T30 bolts (1).



(b) Unlock the locks (1) in the direction of the arrow.



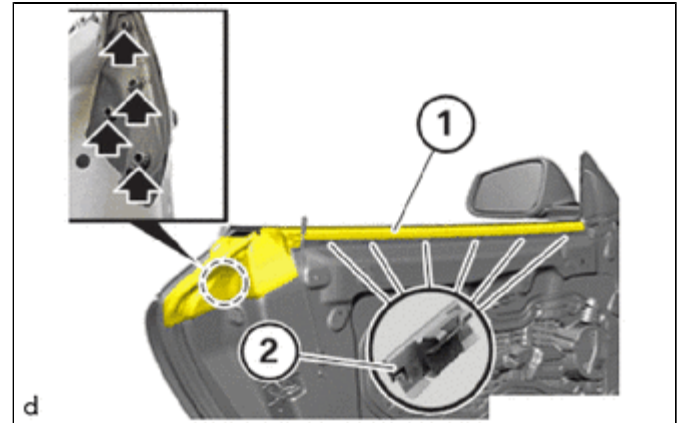
(c) Loosen nut (3).



- (d) Remove the front door inside locking lock and unlock knob cable (4) from the sound insulation (2).
- (e) Unlock and disconnect all associated plug connections.
- (f) Release the mounting clips of the vehicle wiring harness from the sound insulation.
- (g) Remove the sound insulation (2) from the front door panel sub-assembly (1).

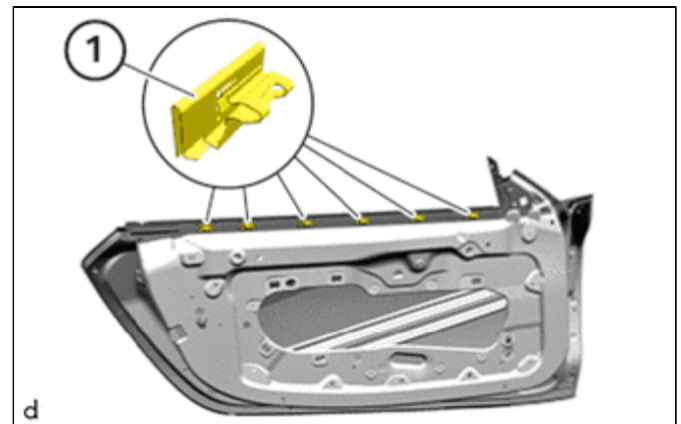
17. REMOVE FRONT DOOR GLASS INNER WEATHERSTRIP

- (a) Release the mounting elements (arrows).



- (b) Release the front door glass inner weatherstrip (1) from the clamps (2) and remove upwards.

- (c) Remove the clamps (1).

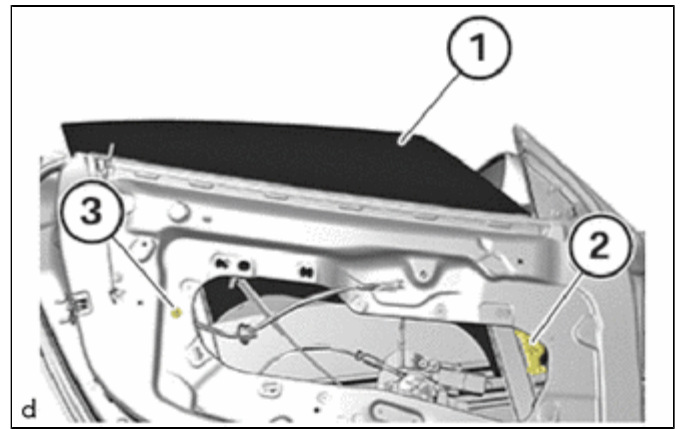


18. REMOVE FRONT DOOR GLASS SUB-ASSEMBLY

- (a) Position front door glass sub-assembly (1) as shown.

NOTICE:

The attachment points (2) and (3) must be accessible.

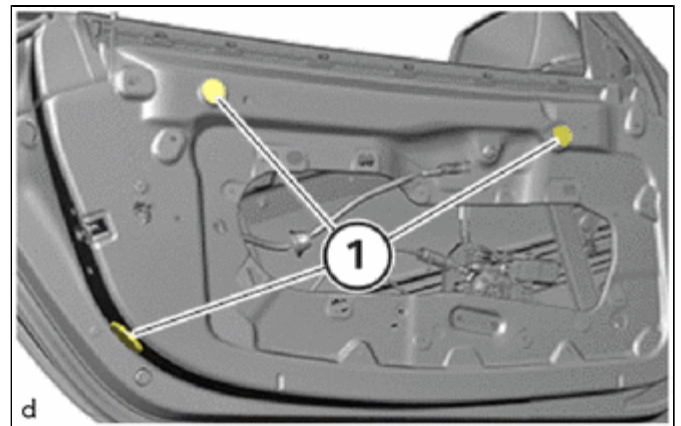


(b) Completely unscrew and remove multi-tooth screws (2) and (3) from the front door glass sub-assembly (1).

(c) Guide the front door glass sub-assembly (1) out of the door to the top.

19. REMOVE FRONT DOOR WINDOW REGULATOR ASSEMBLY

(a) Remove the seal plug (1).

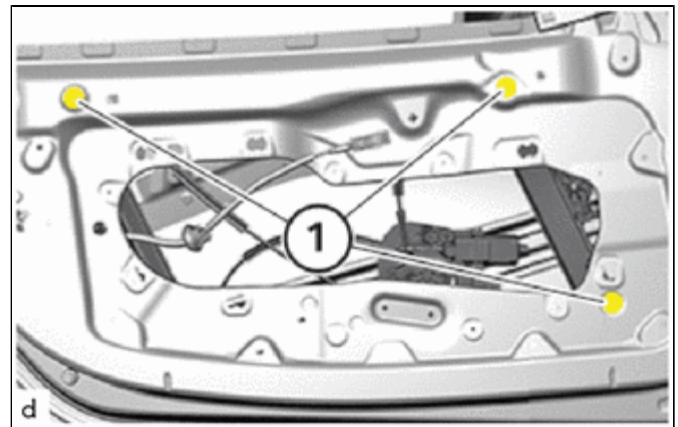


(b) Loosen nut (1).

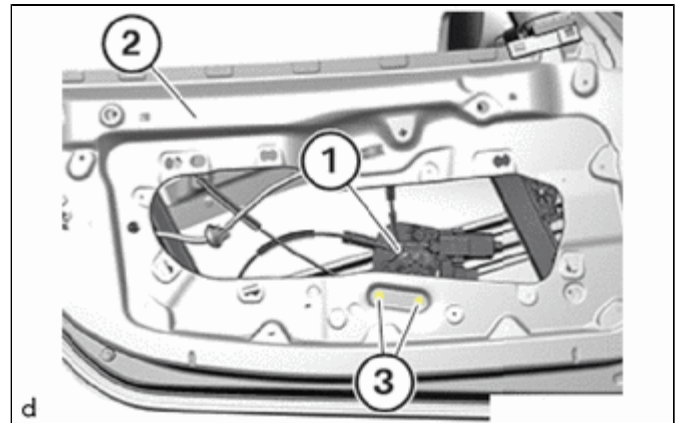


- (c) Remove nuts (1) with the special tool 0 496 726 (51 0 400). While doing so, counter support at the bolt.

SST: 09800-WA110



- (d) Loosen nuts (3).

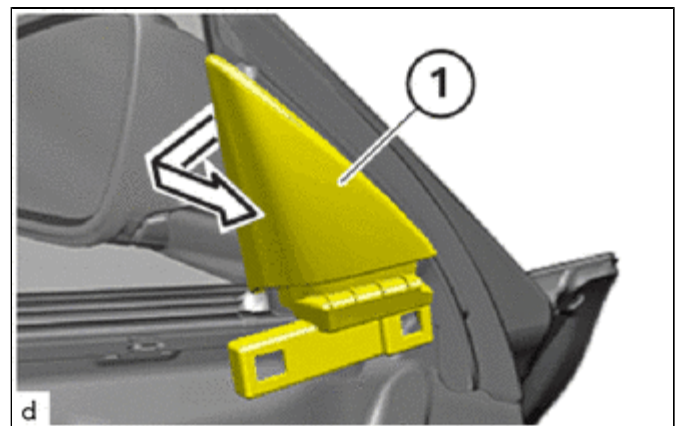


- (e) Unlock and disconnect all associated plug connections for the front door window regulator assembly (1).

- (f) Guide out and remove front door window regulator assembly (1) from the front door panel sub-assembly (2).

20. REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH

- (a) Release, guide out and remove front door lower frame bracket garnish (1) from the front door panel sub-assembly in the direction of the front door panel sub-assembly.

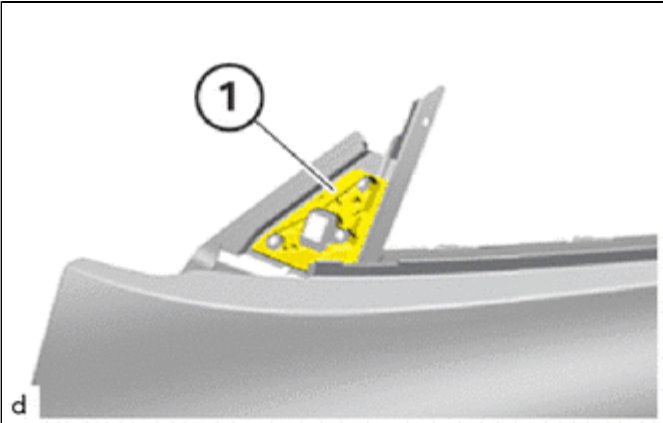


21. REMOVE OUTER REAR VIEW MIRROR ASSEMBLY

Click here [INFO](#)

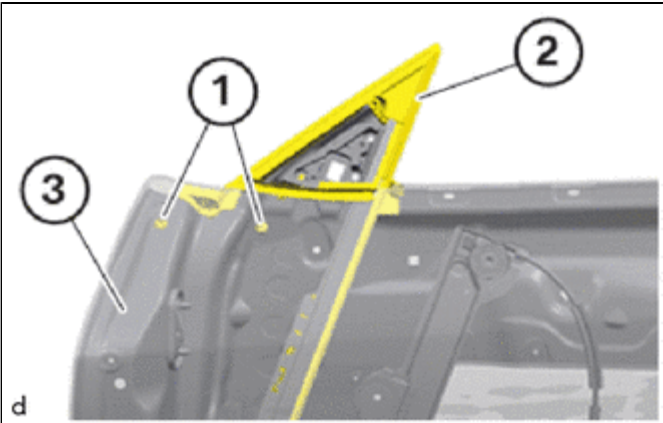
22. REMOVE FRONT DOOR FRONT LOWER FRAME UPPER COVER

(a) Remove the front door front lower frame upper cover (1).



23. REMOVE FRONT DOOR BELT FRONT SEAL

(a) Remove the mounting elements (1) for the front door belt front seal (2) from the inner door panel (3).

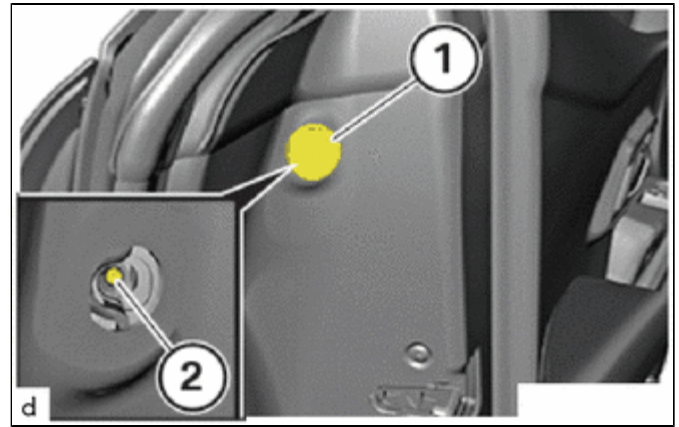


(b) Pull up the front door belt front seal (1) out of the window guide rail (2).



24. REMOVE FRONT DOOR OUTSIDE HANDLE ASSEMBLY

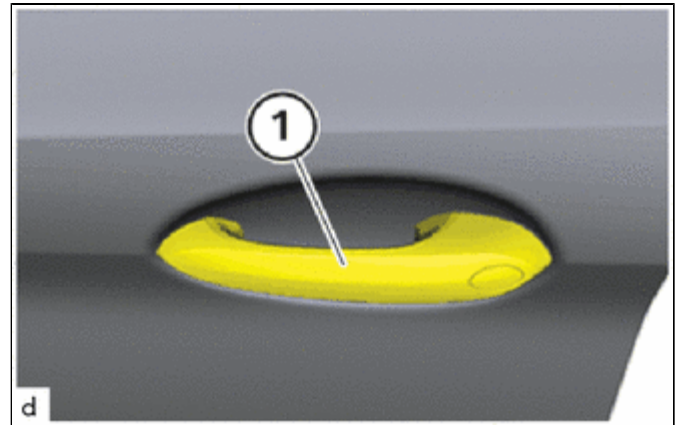
(a) Remove the seal plug (1).



(b) Release the clamping bolt (2) from the front door outside handle frame sub-assembly with the special tool 2 450 364.

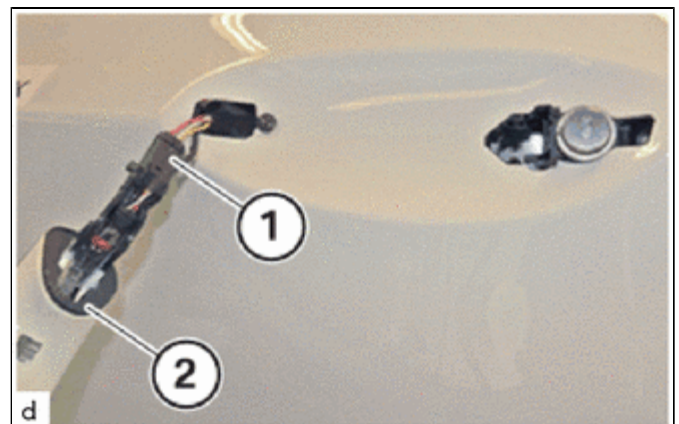
SST: 09800-WA230

(c) Pull the front door outside handle assembly (1) to the outside and remove it in the process.



(d) Pivot the front door outside handle assembly (1) further towards the outside and in this process, remove it at the front.

(e) Unlock and disconnect connector (1).



(f) Remove the front door outside handle assembly (2).

25. REMOVE FRONT DOOR LOCK WITH MOTOR ASSEMBLY

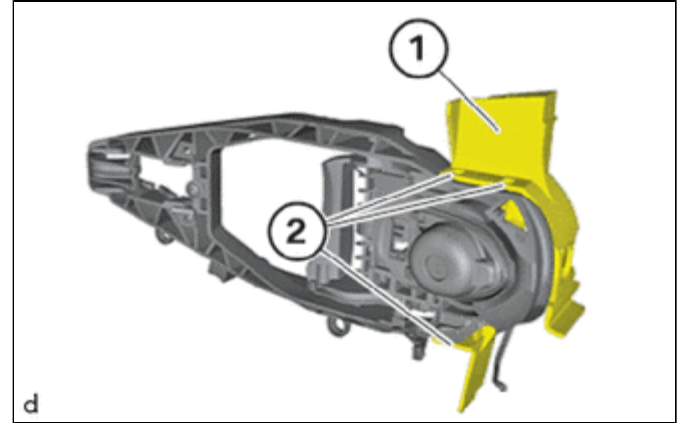
Click here [INFO](#)

26. REMOVE FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY

Click here [INFO](#)

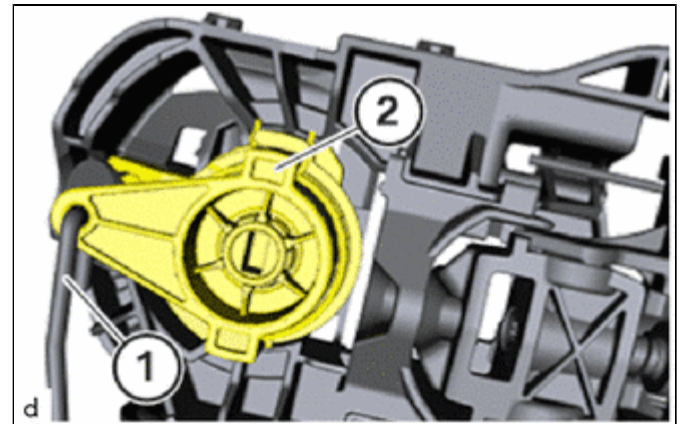
27. REMOVE DOOR LOCK SPACER (for Driver Side)

(a) Release door lock spacer (1) at detents (2).



(b) Remove the door lock spacer (1).

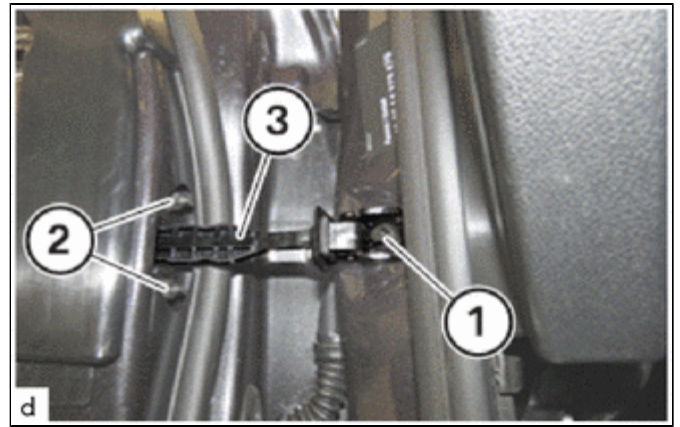
(c) Disconnect the front door lock control link sub-assembly (1).



(d) Twist lock cylinder (2) in clockwise direction and remove it.

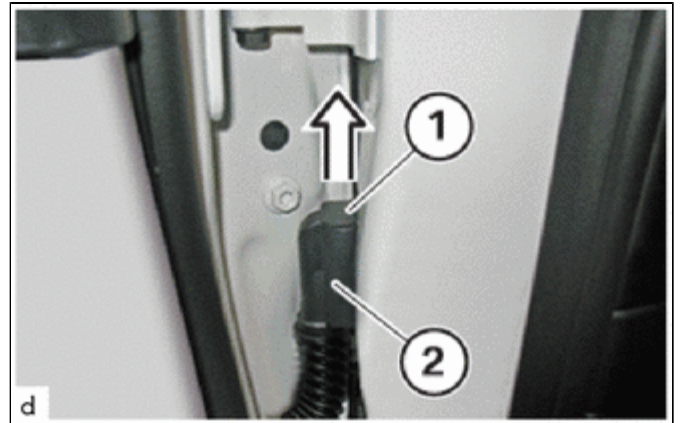
28. REMOVE FRONT DOOR CHECK ASSEMBLY

(a) Loosen E10 bolt (1).

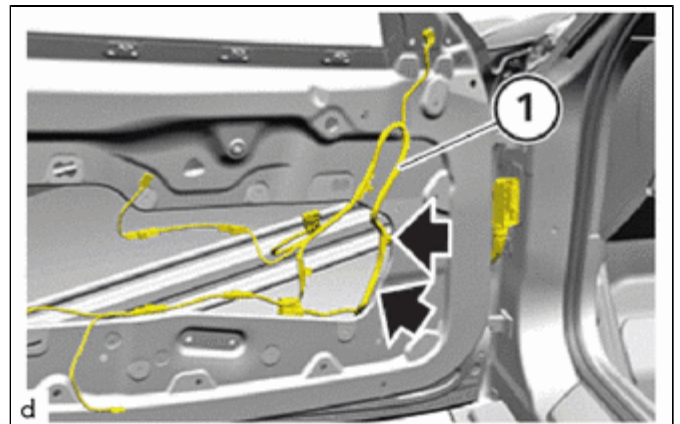


- (b) Loosen nuts (2).
- (c) Slide out front door check assembly (3).

29. REMOVE FRONT DOOR WIRE

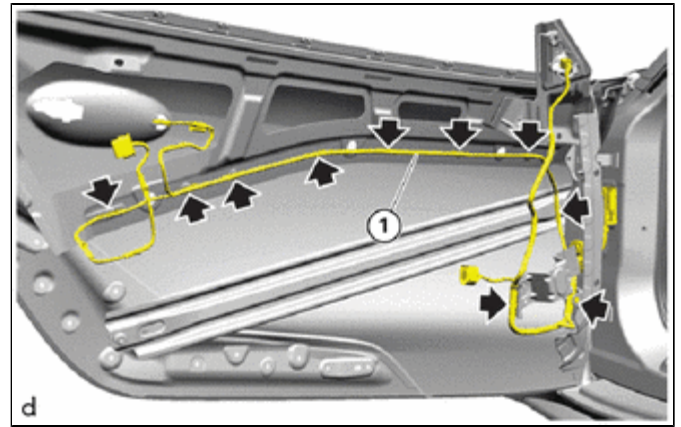


- (a) Pull the lock (1) upward in the arrow direction and disconnect the plug connection (2).



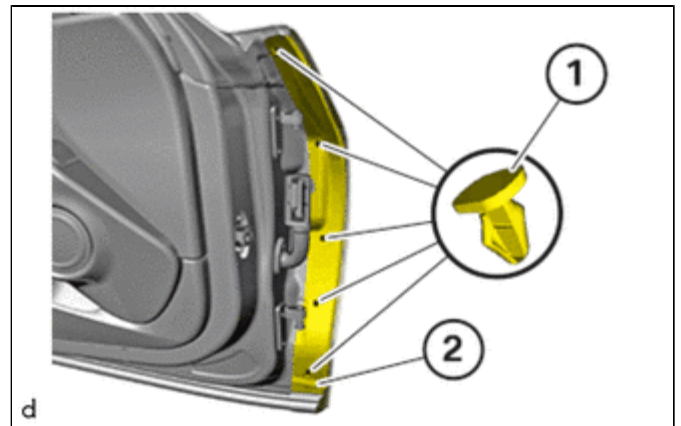
- (b) Unclip the front door wire (1) at the marked positions (arrows).

(c) Unclip the front door wire (1) at the marked positions (arrows).



30. REMOVE NO. 3 FRONT DOOR WEATHERSTRIP

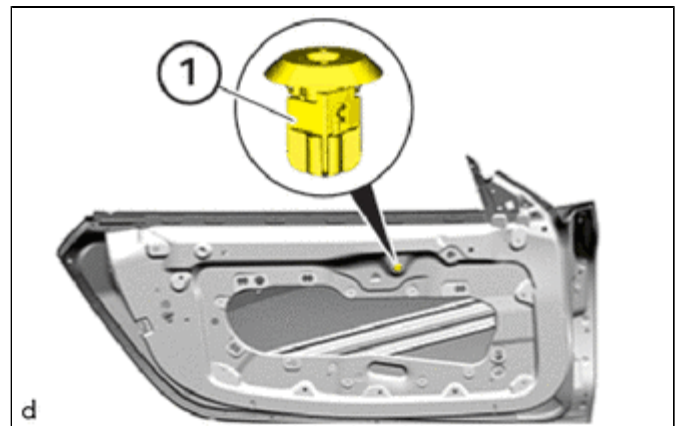
(a) Remove clips (1).



(b) Feed out and remove No. 3 front door weatherstrip (2).

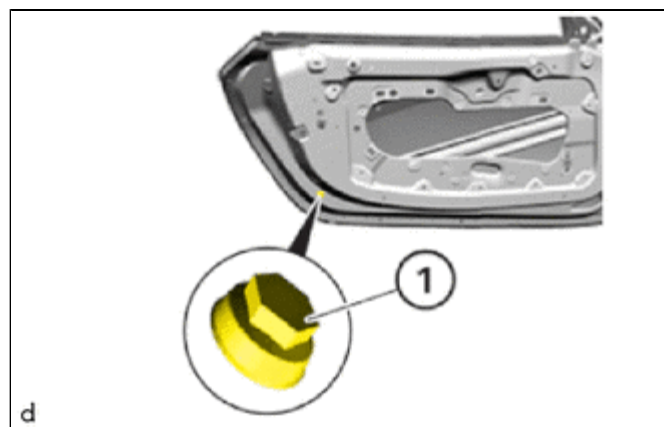
31. REMOVE EXPANSION NUT

(a) Remove the expansion nut (1).



32. REMOVE PROTECTIVE CAP

(a) Remove the protective cap (1).



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

ADJUSTMENT

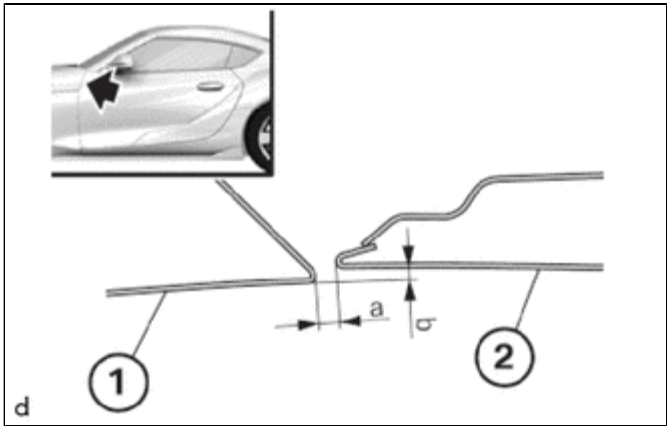
PROCEDURE

1. INSPECT FRONT DOOR PANEL SUB-ASSEMBLY

HINT:

- The dimensions stated in this document apply at an object temperature of 20°C (68°F).
 - The aim of adjustment is to achieve a uniform gap.
 - Symmetry of the gaps between left and right sides of the vehicle has top priority.
 - In terms of door gaps the maximum deviation between the front and rear door gap must be 1.0 mm (0.039 in.).
 - No gap dimension are specified for components which cannot be adjusted.
- Gap dimension hood sub-assembly to front door panel sub-assembly.
Standard Clearance:

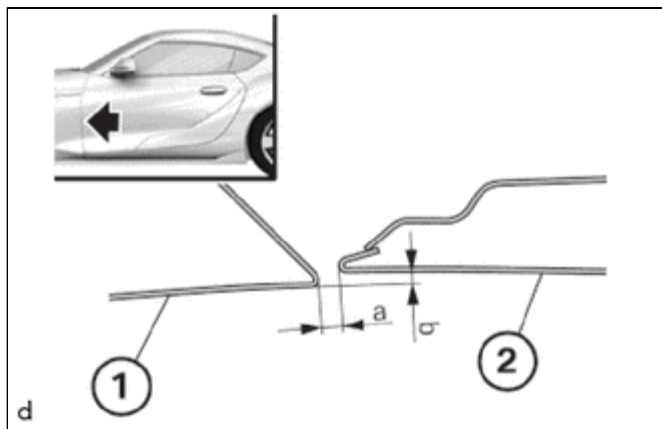
AREA	DIMENSION
a	3.0 to 5.6 mm (0.118 to 0.220 in.)
b	-0.7 to 1.7 mm (-0.028 to 0.067 in.)



(1)	Hood Sub-assembly
(2)	Front Door Panel Sub-assembly

- Gap dimension front side panel to front door panel sub-assembly.
Standard Clearance:

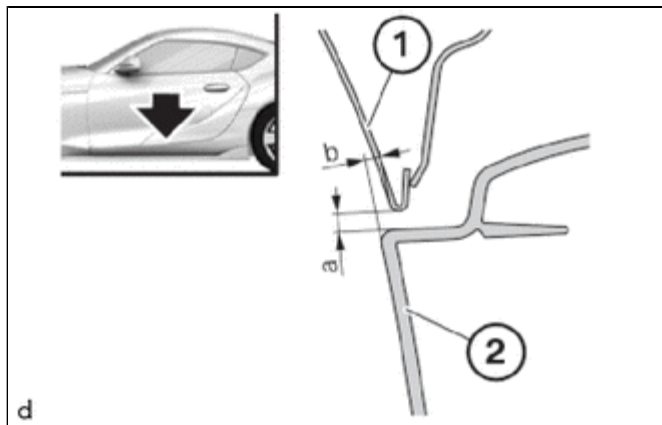
AREA	DIMENSION
a	3.3 to 5.3 mm (0.130 to 0.209 in.)
b	-0.5 to 1.5 mm (-0.020 to 0.059 in.)



(1)	Front Side Panel
(2)	Front Door Panel Sub-assembly

- Gap dimension front door panel sub-assembly to side sill trim panel.
Standard Clearance:

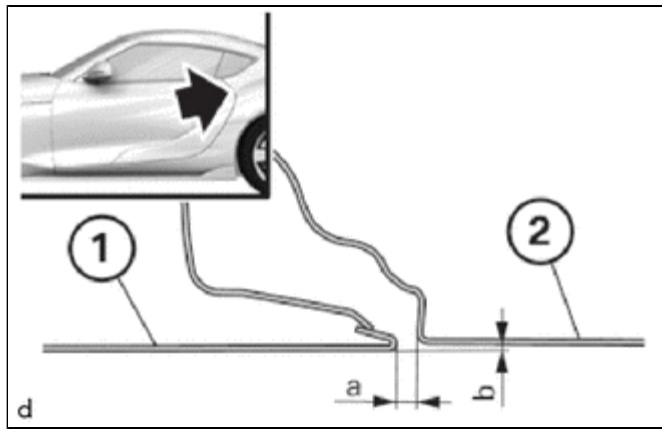
AREA	DIMENSION
a	2.5 to 5.1 mm (0.098 to 0.201 in.)
b	-0.4 to 2.4 mm (-0.016 to 0.094 in.)



(1)	Front Door Panel Sub-assembly
(2)	Side Sill Trim Panel

- Gap dimension from front door panel sub-assembly to rear side panel.
Standard Clearance:

AREA	DIMENSION
a	2.8 to 4.8 mm (0.110 to 0.189 in.)
b	-0.3 to 1.3 mm (-0.012 to 0.051 in.)



(1)	Front Door Panel Sub-assembly
(2)	Rear Side Panel

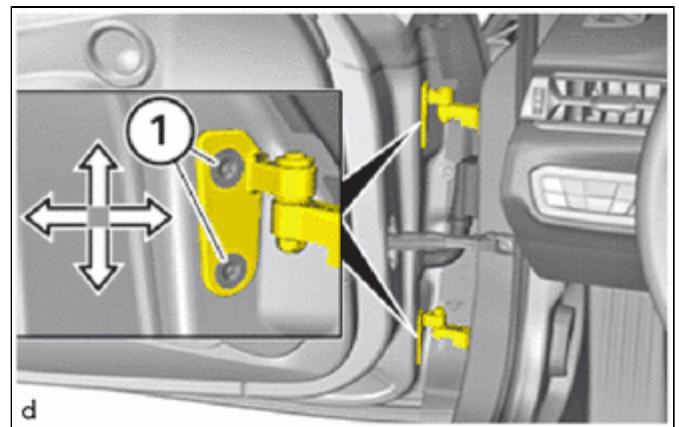
2. ADJUST FRONT DOOR PANEL SUB-ASSEMBLY

HINT:

- Description is for left component only. Procedure on the right side is identical.
- The gap dimensions form the basis for these repair instructions and must be observed without fail.

(a) Open front door.

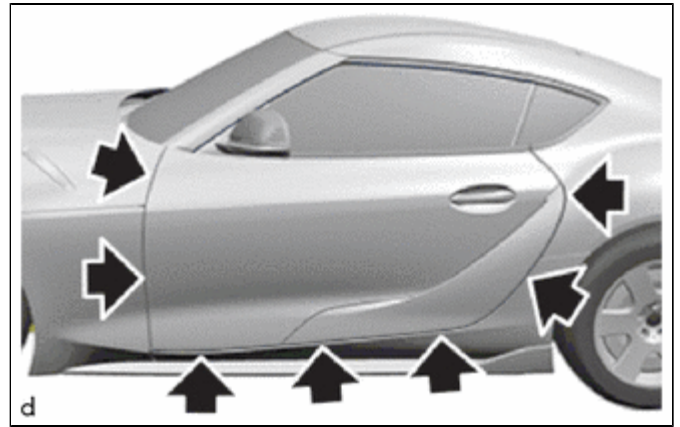
(b) Loosen T40 bolts (1) until the front door can be moved.



(c) Adjust height of front door.

(d) Adjust the width of the front door.

(e) Check the gap dimensions between the front door and the adjacent body components.



(f) Gap dimensions do not correspond to the specifications.

(g) Adjust front door.

(h) Tighten the T40 bolts.

Torque:

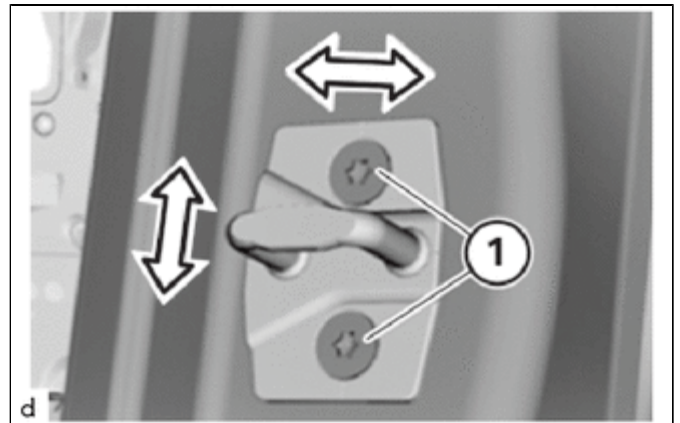
19.0 N·m {194 kgf·cm, 14 ft·lbf}

3. ADJUST FRONT DOOR LOCK STRIKER PLATE ASSEMBLY

HINT:

- The gap dimensions form the basis for these repair instructions and must be observed without fail.
- The bolts on front door lock striker plate assembly are loosened so far that the front door lock striker plate assembly can still be moved.

(a) Adjust height of the front door lock striker plate assembly. The door lock may not jolt or slip.



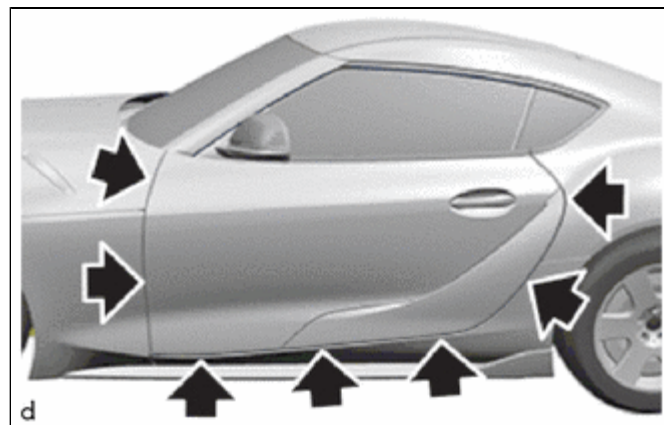
(b) Move front door lock striker plate assembly sideways in order to adjust the gap dimensions between front door and rear side panel.

(c) Tighten the T40 bolts (1).

Torque:

21.0 N·m {214 kgf·cm, 15 ft·lbf}

(d) Check the gap dimensions between the front door and the adjacent body components.



(e) If necessary, adjust the front door again.

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCT3
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: FRONT DOOR: REASSEMBLY; 2020 MY Supra [03/2019 -]		

REASSEMBLY

CAUTION / NOTICE / HINT

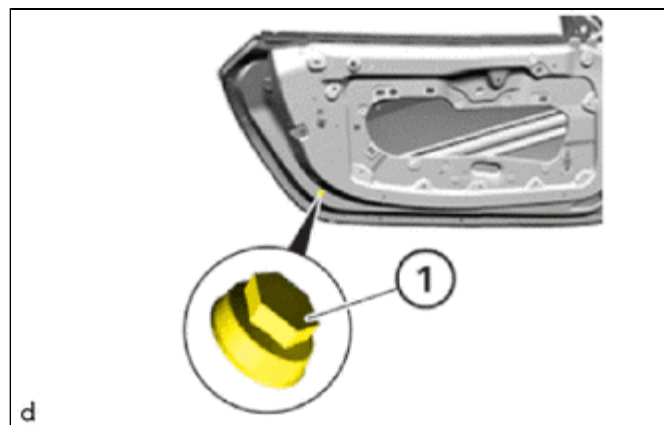
HINT:

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

PROCEDURE

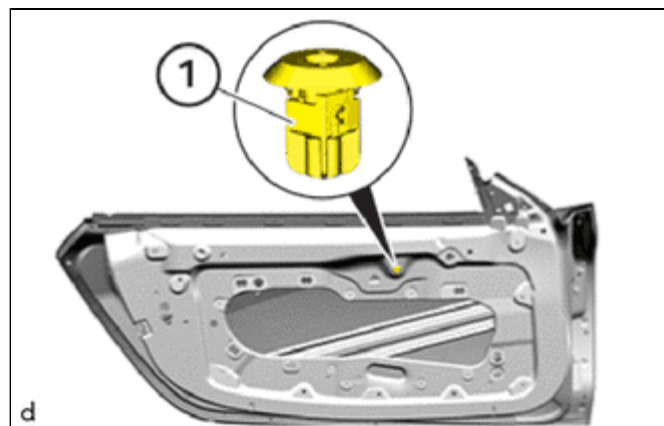
1. INSTALL PROTECTIVE CAP

(a) Install the protective cap (1).



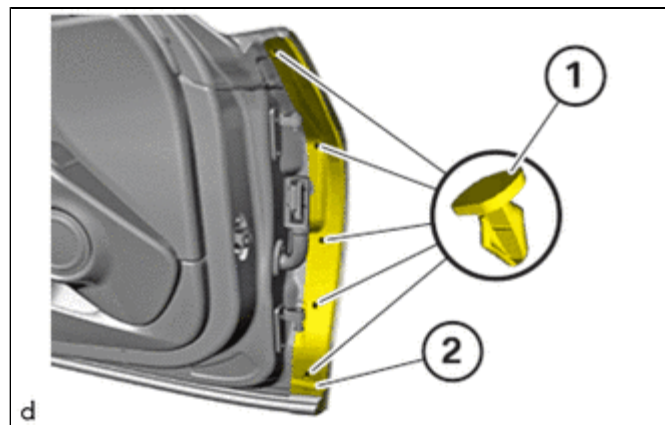
2. INSTALL EXPANSION NUT

(a) Install the expansion nut (1).



3. INSTALL NO. 3 FRONT DOOR WEATHERSTRIP

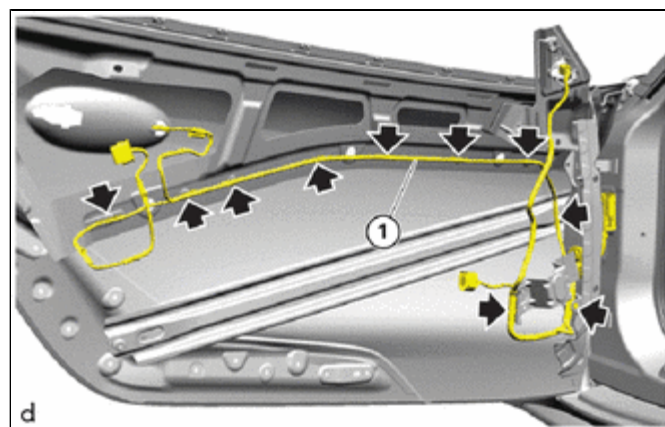
(a) Insert No. 3 front door weatherstrip (2) and position correctly.



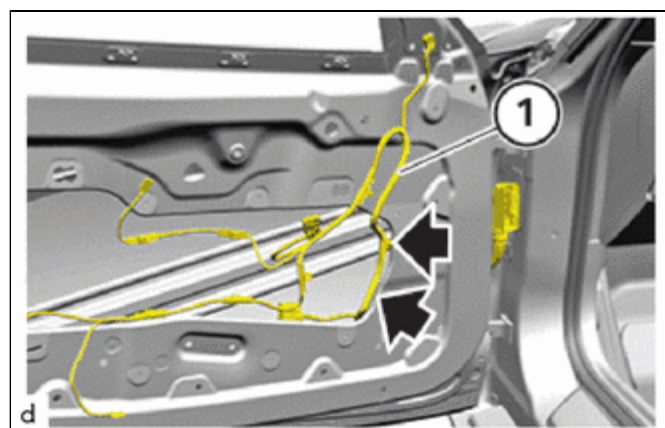
(b) Mount clips (1).

4. INSTALL FRONT DOOR WIRE

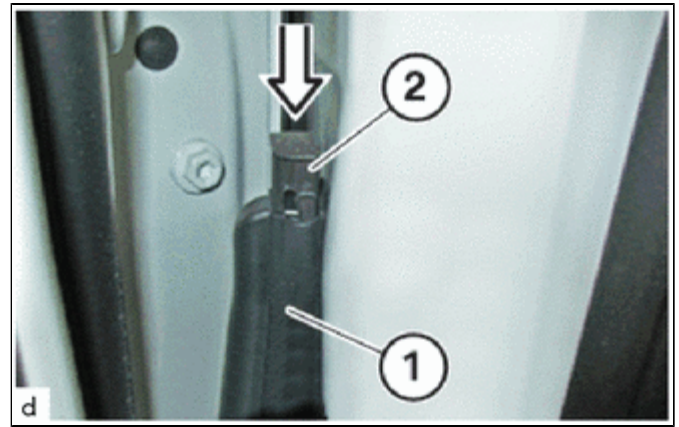
(a) Clip in the front door wire (1) at the marked positions (arrows).



(b) Clip in the front door wire (1) at the marked positions (arrows).



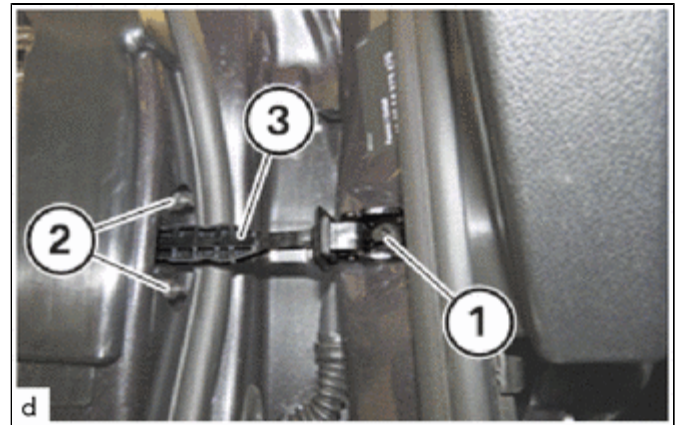
(c) Connect connector (2) and lock.



(d) Engage lock (1) in direction of arrow.

5. INSTALL FRONT DOOR CHECK ASSEMBLY

(a) Slide in front door check assembly (3).



(b) Tighten nuts (2).

Torque:

8.0 N·m { 82 kgf·cm, 71 in·lbf }

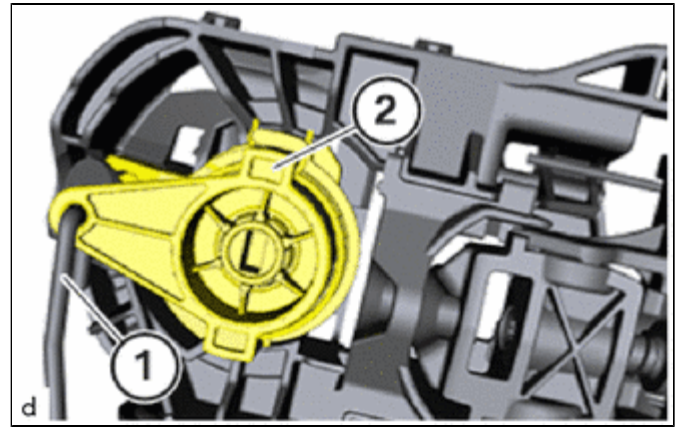
(c) Tighten down E10 bolt (1).

Torque:

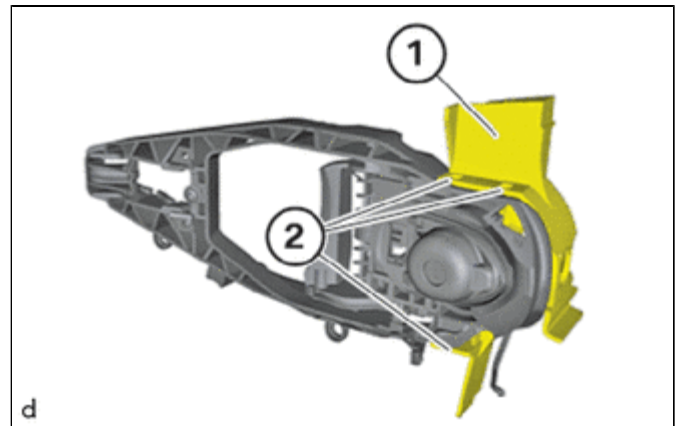
28.0 N·m { 286 kgf·cm, 21 ft·lbf }

6. INSTALL DOOR LOCK SPACER (for Driver Side)

(a) Connect the front door lock control link sub-assembly (1).



(b) Install the lock cylinder (2) and turn it counter-clockwise.



(c) Install the door lock spacer (1).

(d) Engage door lock spacer (1) at the detents (2).

7. INSTALL FRONT DOOR OUTSIDE HANDLE FRAME SUB-ASSEMBLY

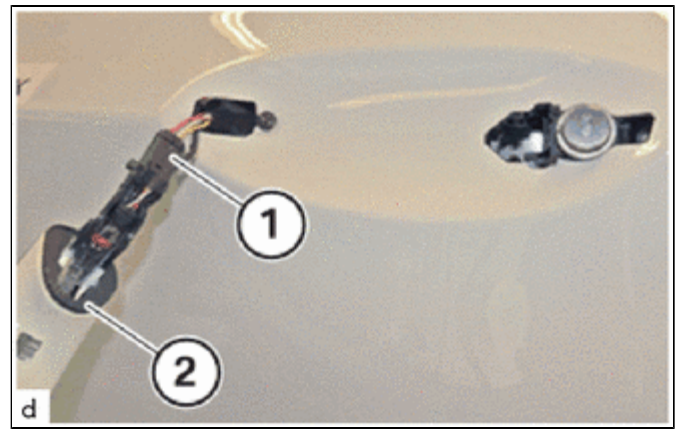
Click here [INFO](#)

8. INSTALL FRONT DOOR LOCK WITH MOTOR ASSEMBLY

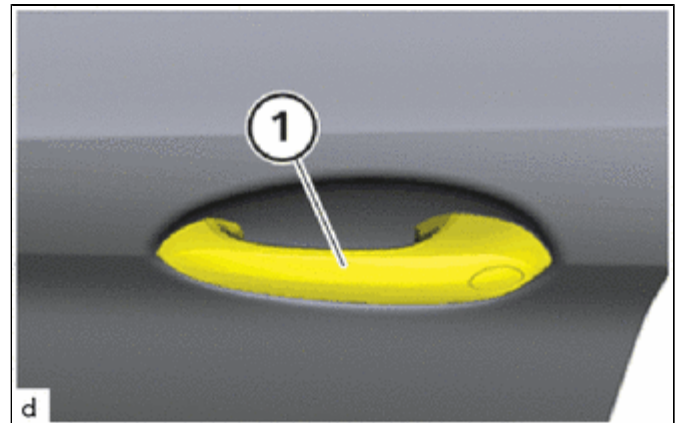
Click here [INFO](#)

9. INSTALL FRONT DOOR OUTSIDE HANDLE ASSEMBLY

(a) Connect connector (1) and lock.

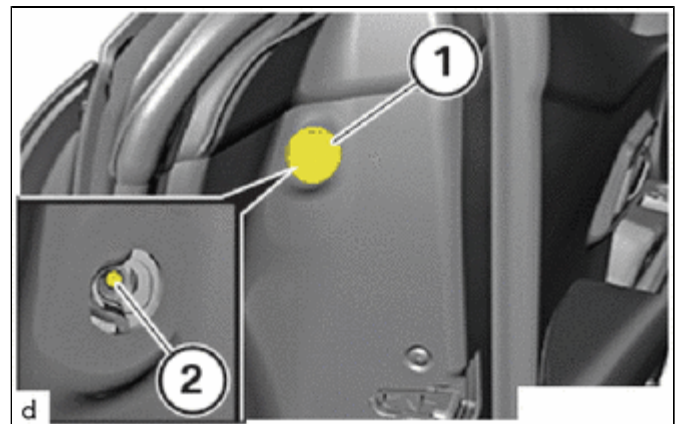


(b) Insert the front door outside handle assembly (1).



(c) Tighten the clamping bolt (2) on the front door outside handle frame sub-assembly with the special tool 2 450 364.

SST: 09800-WA230

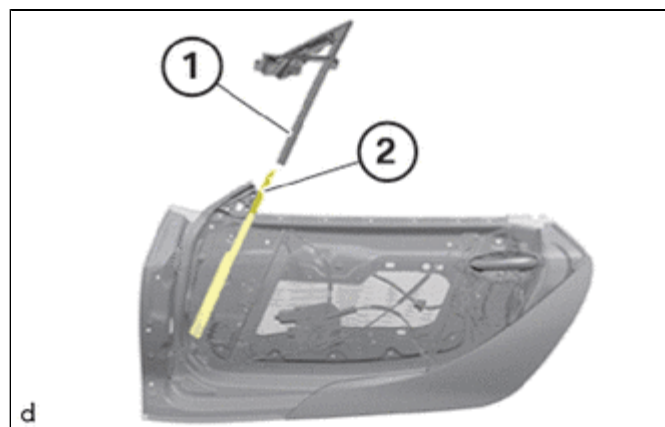


(d) Install seal plug (1).

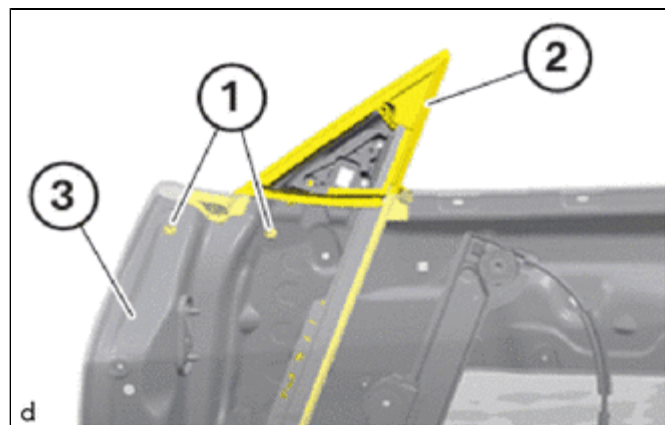
10. INSTALL FRONT DOOR BELT FRONT SEAL

(a) Lightly coat the front door belt front seal with water.

(b) From above, insert the front door belt front seal (1) into the window guide rail (2).



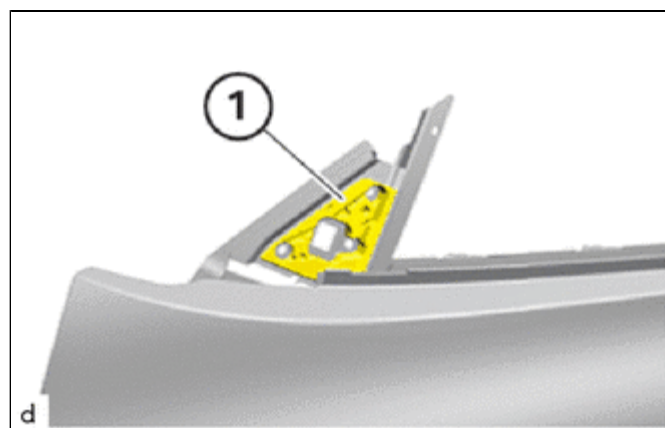
(c) Clip the mounting elements (1) for the front door belt front seal (2) into the front door panel sub-assembly (3).



(d) Make sure the front door belt front seal (2) is correctly seated.

11. INSTALL FRONT DOOR FRONT LOWER FRAME UPPER COVER

(a) Install the front door front lower frame upper cover (1).

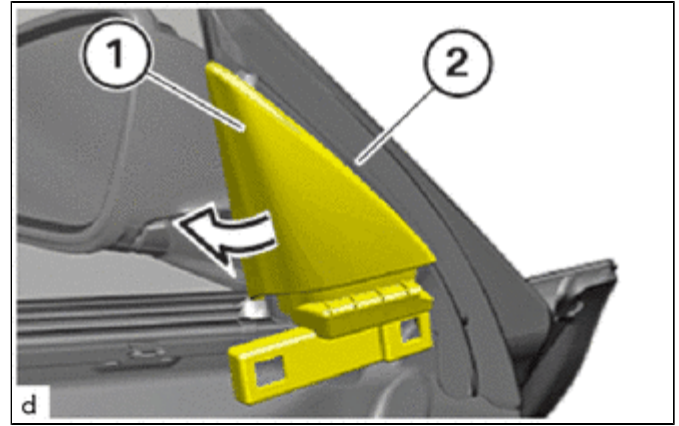


12. INSTALL OUTER REAR VIEW MIRROR ASSEMBLY

Click here [INFO](#)

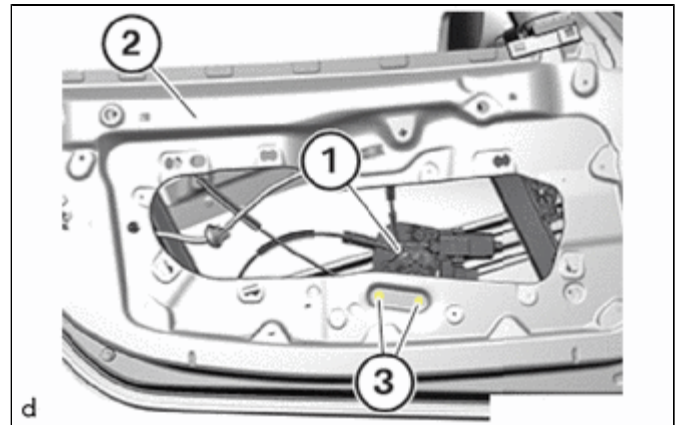
13. INSTALL FRONT DOOR LOWER FRAME BRACKET GARNISH

- (a) Install front door front door lower frame bracket garnish (1) on door (2) and connect it in the direction of the arrow.



14. INSTALL FRONT DOOR WINDOW REGULATOR ASSEMBLY

- (a) Thread front door window regulator assembly (1) into the front door panel sub-assembly (2) and position correctly.



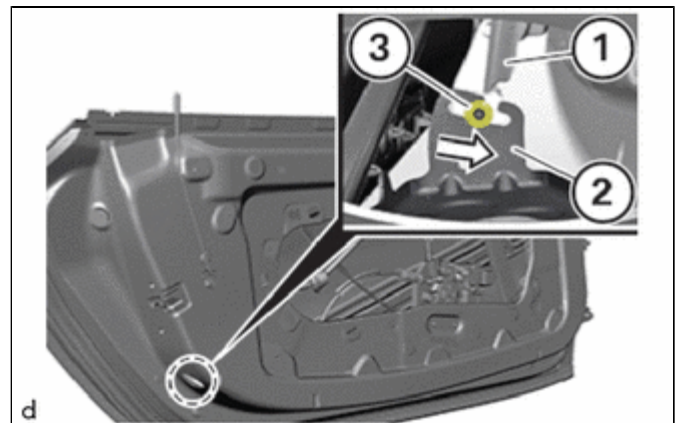
- (b) Tighten nuts (3).

Torque:

9.2 N·m {94 kgf·cm, 81 in·lbf}

- (c) Connect front door window regulator assembly (1) to relevant plug connections and lock.

- (d) Push front door window regulator assembly (1) in arrow direction up to the stop onto the retaining plate (2).



(e) Tighten nut (3).

Torque:

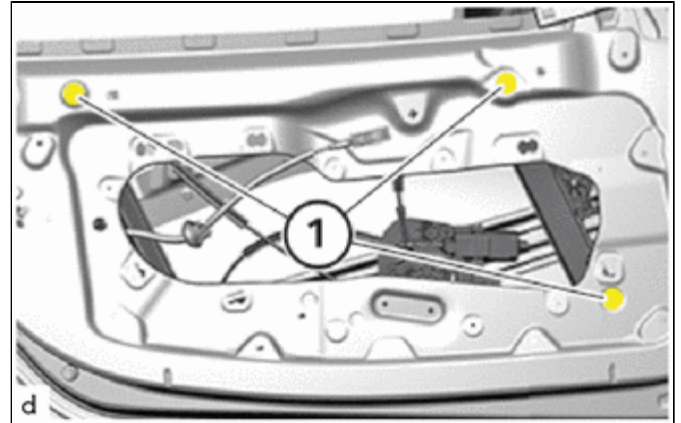
9.2 N·m {94 kgf·cm, 81 in·lbf}

(f) Tighten nuts (1) with special tool 0 496 726 (51 0 400).
While doing so, hold the bolt.

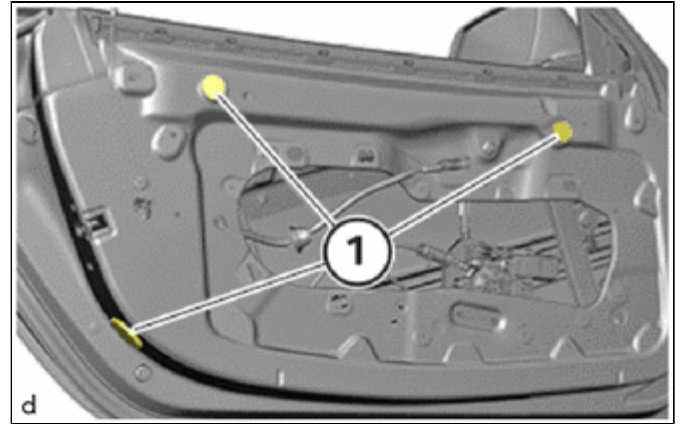
SST: 09800-WA110

Torque:

9.2 N·m {94 kgf·cm, 81 in·lbf}

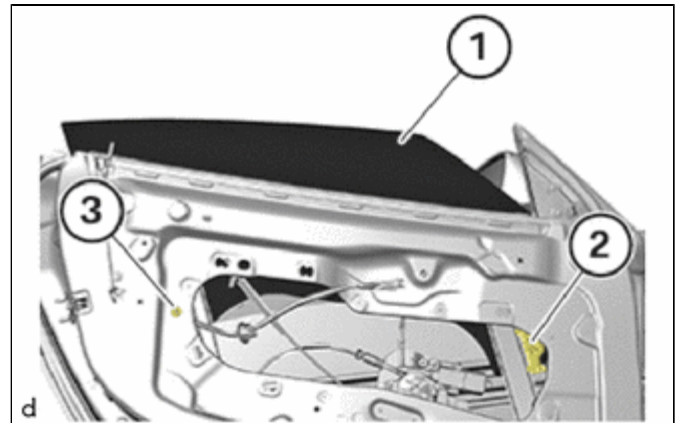


(g) Install seal plug (1).



15. INSTALL FRONT DOOR GLASS SUB-ASSEMBLY

(a) Guide the front door glass sub-assembly (1) from above into the front door panel sub-assembly.



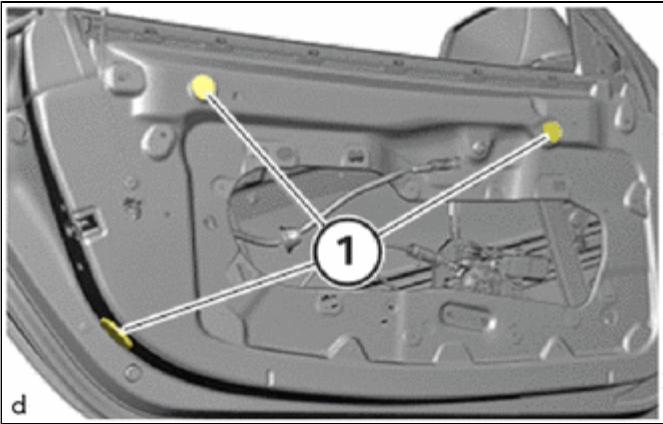
(b) Screw in and tighten multi-tooth screws (2) and (3) on the front door glass sub-assembly (1) so the front door glass

sub-assembly can still be moved.

16. ADJUST FRONT DOOR GLASS SUB-ASSEMBLY

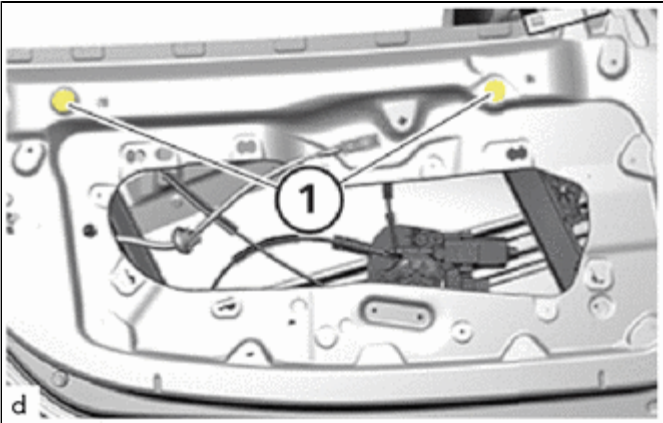
- (a) The front door glass sub-assembly is all the way up.
- (b) Open front door.

(c) Remove the seal plug (1).



(d) Release the nuts (1) on the front door glass sub-assembly with the special tool 0 496 726 (51 0 400). While doing so, hold the bolt.

SST: 09800-WA110



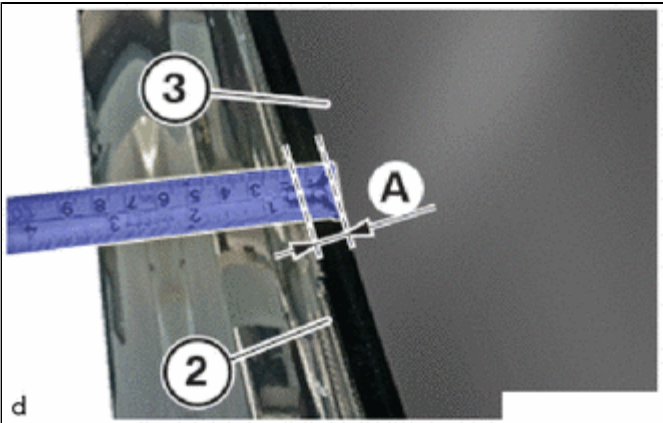
(e) Measure the window cavity dimension (A) between the front door glass sub-assembly (3) and the door outer skin (2) at inner.

Front door glass sub-assembly:

AREA	MEASUREMENT
(A)	10.8 mm (0.425 in.)

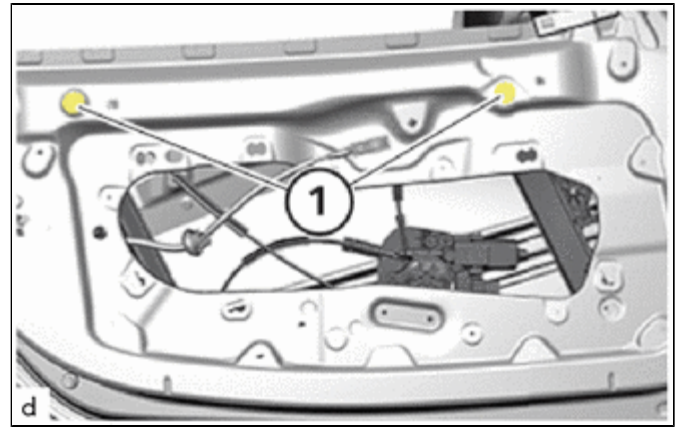
HINT:

Adjust the front door glass sub-assembly parallel to the door outer skin.



- (f) Adjust window cavity dimension by turning the bolt (1) on the power window using special tool 0 496 726 (51 0 400).

SST: 09800-WA110

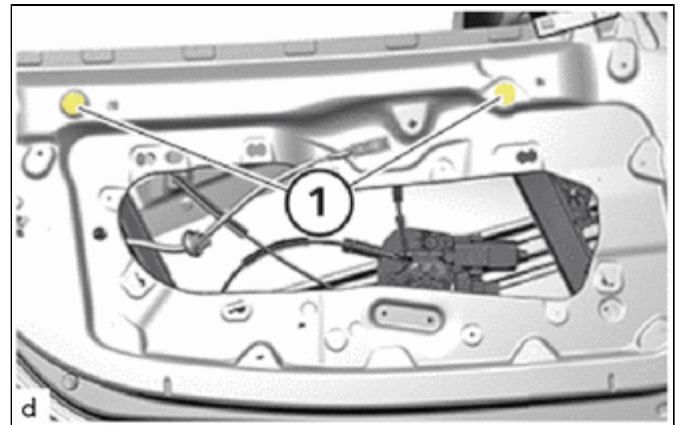


- (g) Tighten the nuts (1) on the front door glass sub-assembly with the special tool 0 496 726 (51 0 400). While doing so, hold the bolt.

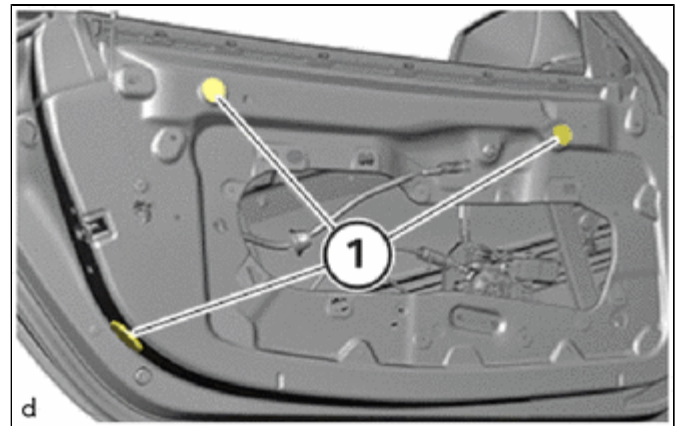
SST: 09800-WA110

Torque:

9.2 N·m {94 kgf·cm, 81 in·lbf}

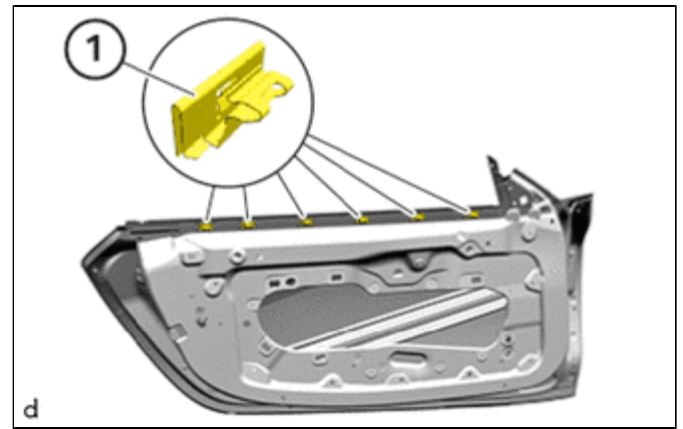


- (h) Install seal plug (1).

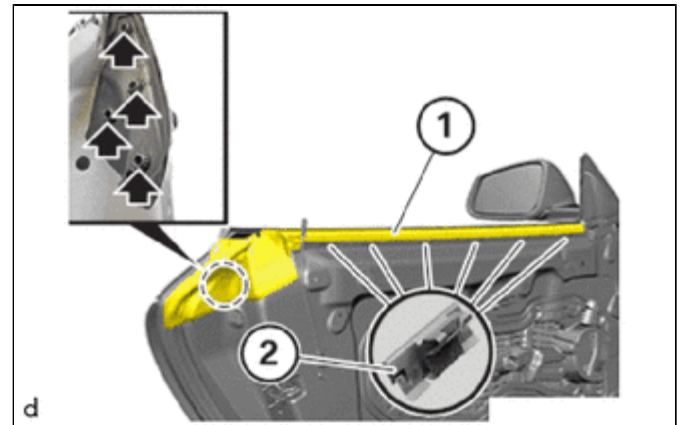


17. INSTALL FRONT DOOR GLASS INNER WEATHERSTRIP

(a) Install the clamps (1).



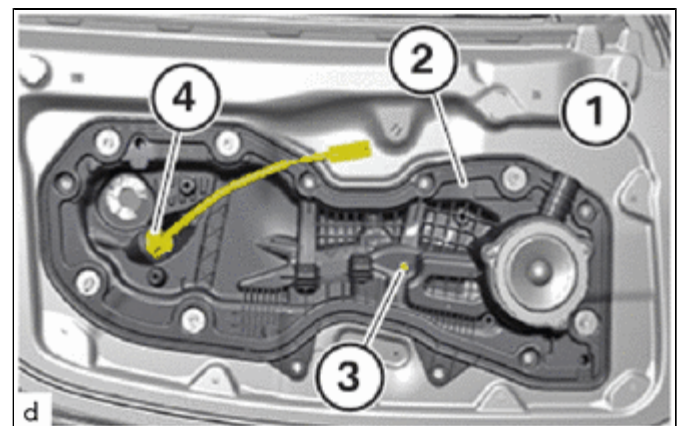
(b) Correctly position the front door glass inner weatherstrip (1) and engage in the clamps (2).



(c) Clip in the mounting elements (arrows).

18. INSTALL SOUND INSULATION

(a) Correctly position the front door inside locking lock and unlock knob cable (4) in the sound insulation (2) and install.



(b) Correctly position the sound insulation (2) on the front door panel sub-assembly (1).

(c) Tighten nut (3).

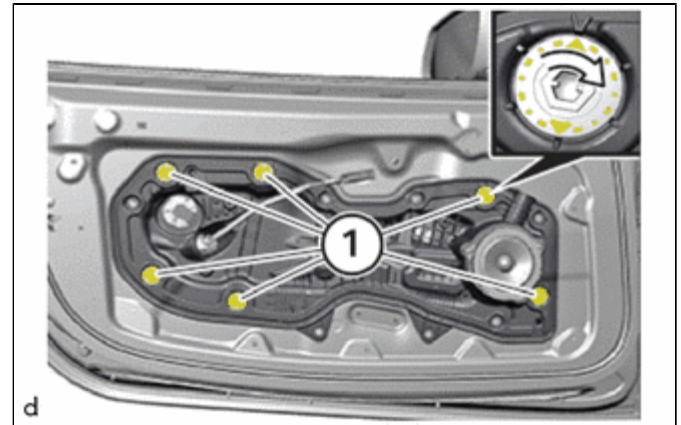
Torque:

9.2 N·m { 94 kgf·cm, 81 in·lbf }

(d) Connect and lock all the corresponding connectors.

(e) Fasten the mounting clip of the vehicle wiring harness on the sound insulation (2).

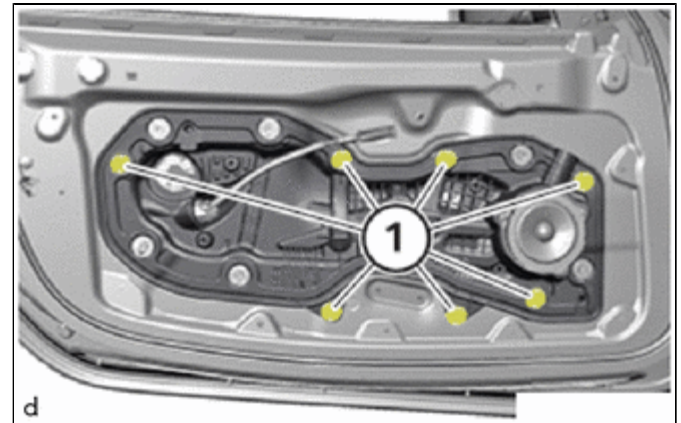
(f) Lock the locks (1) in the direction of the arrow.



(g) Tighten the T30 bolts (1).

Torque:

8.0 N·m {82 kgf·cm, 71 in·lbf}



19. INSTALL FRONT NO. 1 SPEAKER ASSEMBLY

Click here [INFO](#)

20. INSTALL SIDE AIRBAG PRESSURE SENSOR

Click here [INFO](#)

21. INSTALL FRONT NO. 2 SPEAKER ASSEMBLY

Click here [INFO](#)

22. INSTALL POWER WINDOW REGULATOR MASTER SWITCH ASSEMBLY (for Driver Side)

Click here [INFO](#)

23. INSTALL POWER WINDOW REGULATOR SWITCH ASSEMBLY (for Front Passenger Side)

Click here [INFO](#)

24. INSTALL LUGGAGE COMPARTMENT DOOR OPENING SWITCH ASSEMBLY (for Driver Side)

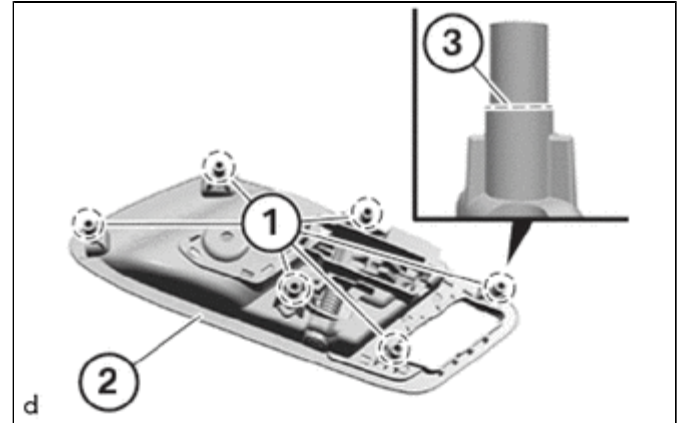
Click here [INFO](#)

25. INSTALL DOOR CONTROL SWITCH ASSEMBLY

Click here [INFO](#)

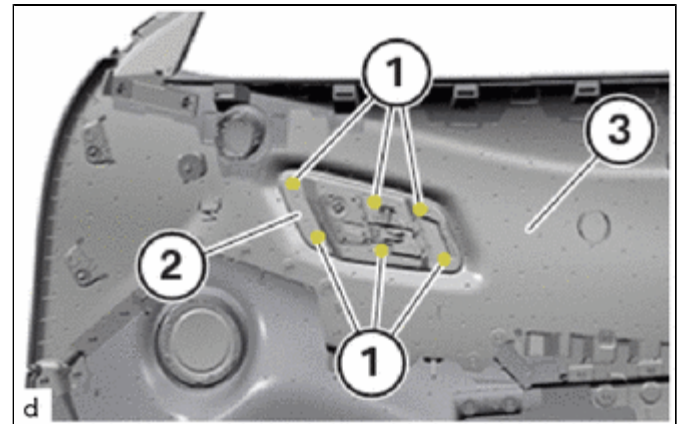
26. INSTALL FRONT DOOR INSIDE HANDLE

- (a) Saw off all the marked welding pins (1) on front door inside handle (2) along moulding (3).



- (b) Remove the welding residue on front door trim board sub-assembly with a scalpel.

- (c) Position front door inside handle (2) correctly in front door trim board sub-assembly (3).



- (d) Make sure that the welding pins do not protrude through the front door trim board sub-assembly.
(e) Tighten repair T20 screws (1) on front door inside handle (2).

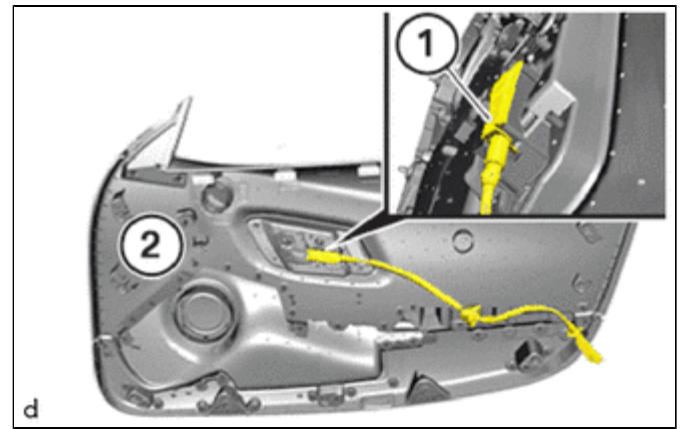
Torque:

2.3 N·m {23 kgf·cm, 20 in·lbf}

27. INSTALL FRONT DOOR TRIM BOARD SUB-ASSEMBLY

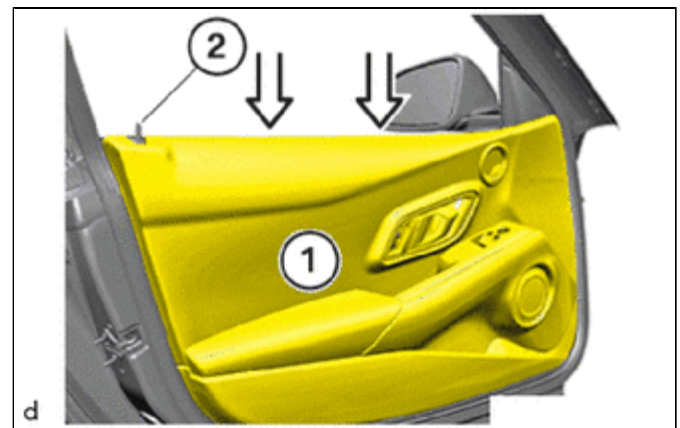
- (a) Correctly position the front door inside locking lock and

unlock knob cable (1) on the front door trim board sub-assembly (2) and lock in.



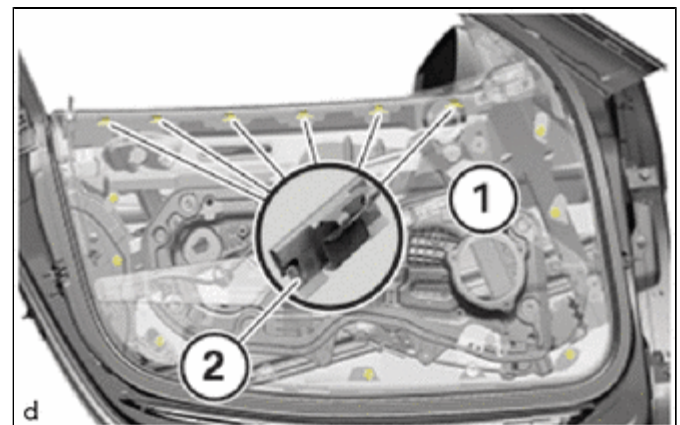
(b) Connect and engage all related plug connections for the front door trim board sub-assembly (2).

(c) Insert the lock button (2) in the guide of the front door trim board sub-assembly (1).

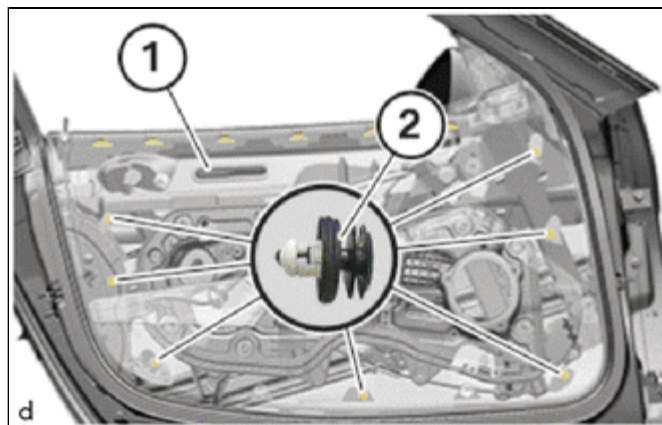


(d) Insert front door trim board sub-assembly (1) and position correctly.

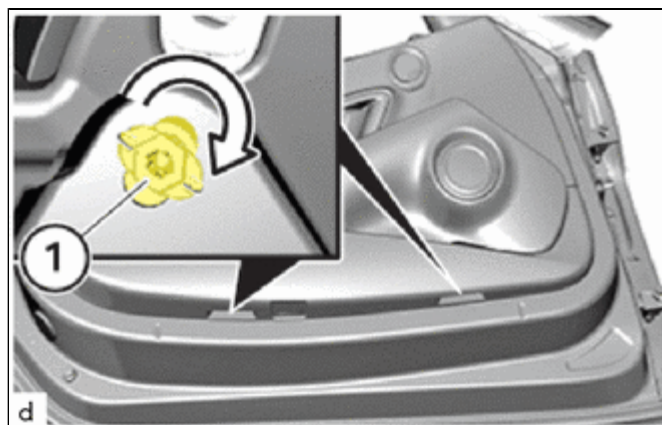
(e) Correctly position front door trim board sub-assembly (1) and clip into the clamps (2).



- (f) Correctly position front door trim board sub-assembly (1) and clip into the clips (2).



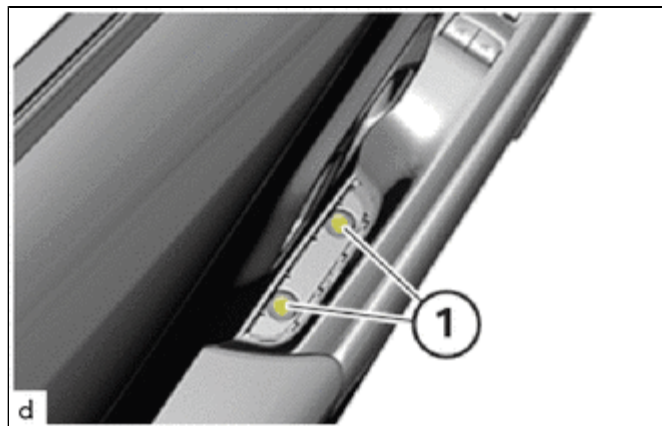
- (g) Lock the locks (1) in the direction of the arrow.



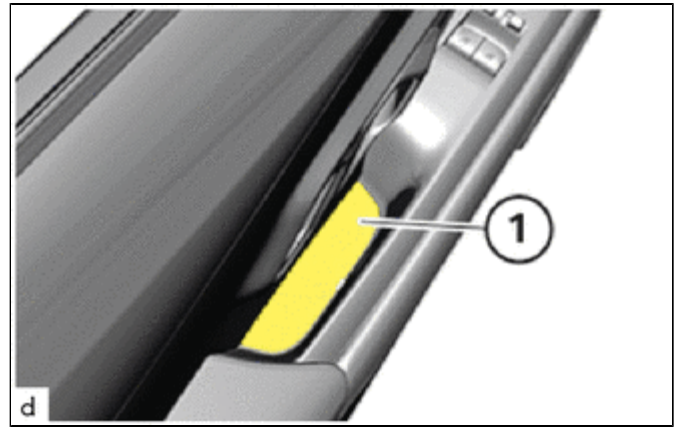
- (h) Tighten the T20 screws (1).

Torque:

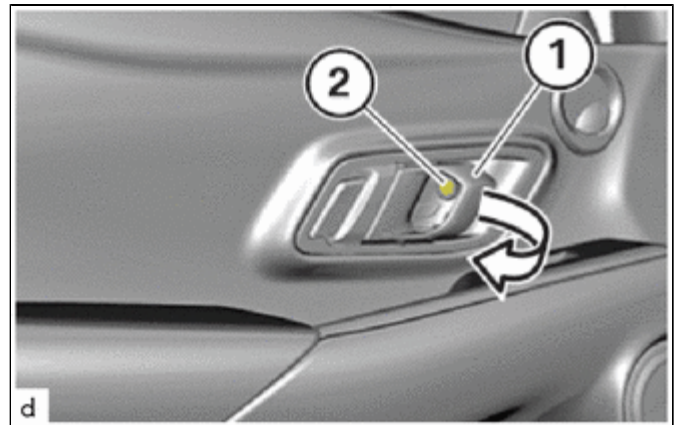
3.0 N·m {31 kgf·cm, 27 in·lbf}



- (i) Correctly position and install door trim cover (1).



(j) Press and hold door opener (1) in the arrow direction.

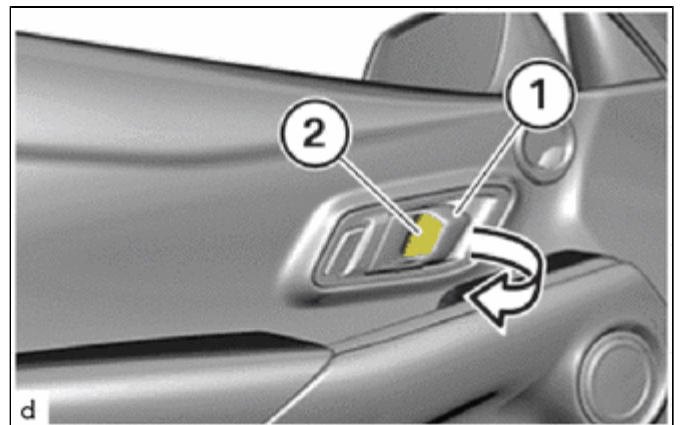


(k) Tighten down T20 screw (2).

Torque:

3.0 N·m {31 kgf·cm, 27 in·lbf}

(l) Press and hold door opener (1) in the arrow direction.



(m) Correctly position and install No. 2 door inside handle bezel (2).

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

Click here [INFO](#)

29. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

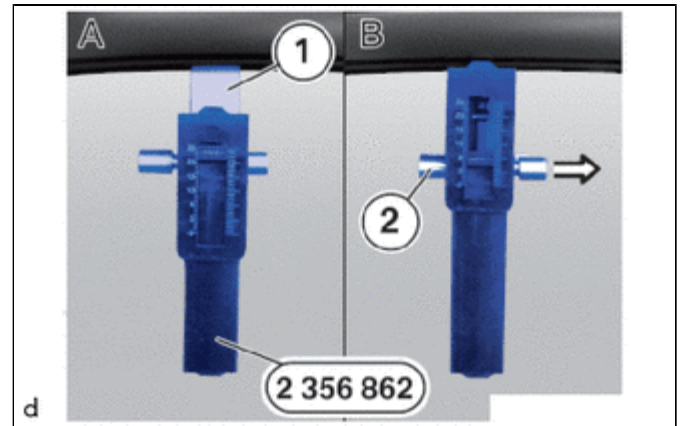
30. ADJUST FRONT DOOR GLASS SUB-ASSEMBLY

(a) Have the special tool 2 356 862 ready.

SST: 09800-WA220

HINT:

- Illustration (A): locked state. This is how special tool 2 356 862 is connected to the front door glass sub-assembly with the bracket (1).
- Illustration (B): After closing the front door, the lock (2) is disengaged.



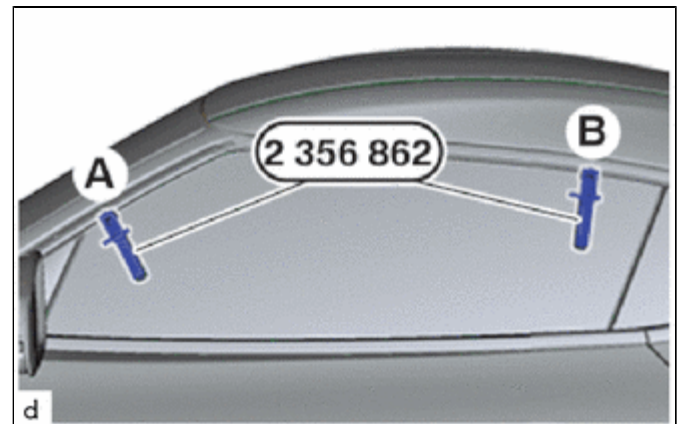
(b) Open front door.

(c) Connect special tool 2 356 862 to front door glass sub-assembly.

SST: 09800-WA220

(d) Position special tool (A) approx. 30 mm (1.181 in.) behind the mirror triangle.

SST: 09800-WA220



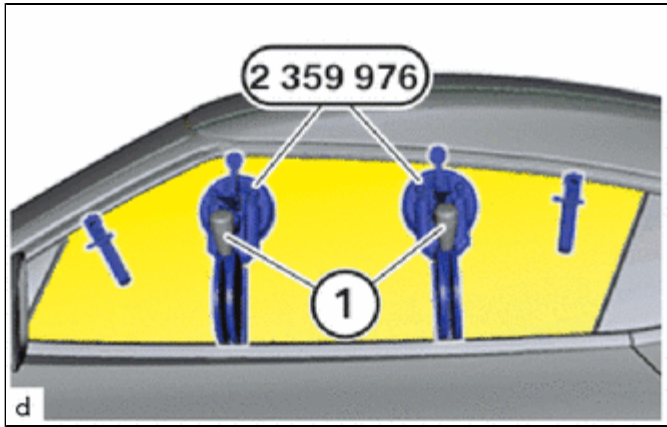
(e) Position special tool (B) approx. 100 mm (3.937 in.) in front of the corner of the side glass sub-assembly.

SST: 09800-WA220

(f) Close front door.

(g) Loosen the lock.

(h) Measure retraction depth with special tools (A) and (B).



(i) Mount special tool 2 359 976 on the front door glass sub-assembly leaving access to the multi-tooth screws of the front door glass sub-assembly.

SST: 09800-WA120

- (j) Release the adjustment lever (1) by rotating it.
- (k) Shift the adjustment lever (1) to adjust the retraction depth of the front door glass sub-assembly.

Front door glass sub-assembly:

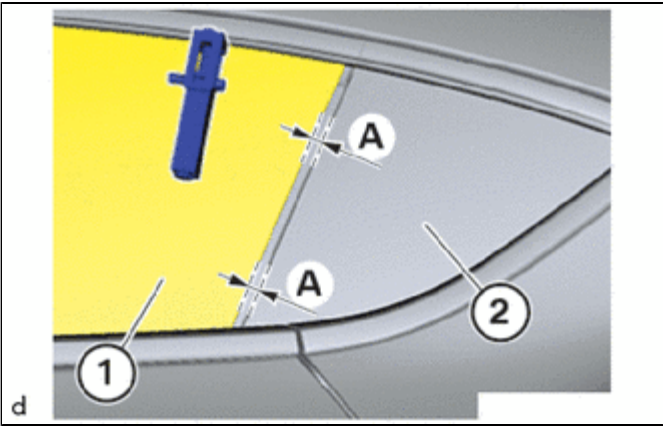
AREA	MEASUREMENT
Retraction depth (A)	3.2 to 5.2 mm (0.126 to 0.205 in.)
Retraction depth (B)	3.0 to 5.0 mm (0.118 to 0.197 in.)

(l) Tighten adjustment lever (1).

(m) Adjust front door glass sub-assembly (1) parallel to the quarter window assembly (2).

Front door glass sub-assembly:

AREA	MEASUREMENT
(A)	7.0 to 9.0 mm (0.276 to 0.354 in.)



31. TIGHTEN FRONT DOOR GLASS SUB-ASSEMBLY

(a) Tighten multi-tooth bolts (1) on the front door glass sub-assembly with the special tool 2 360 051 (B) and SST, a torque wrench.

SST: 09800-WA130

SST: 09900-WA280

Torque:

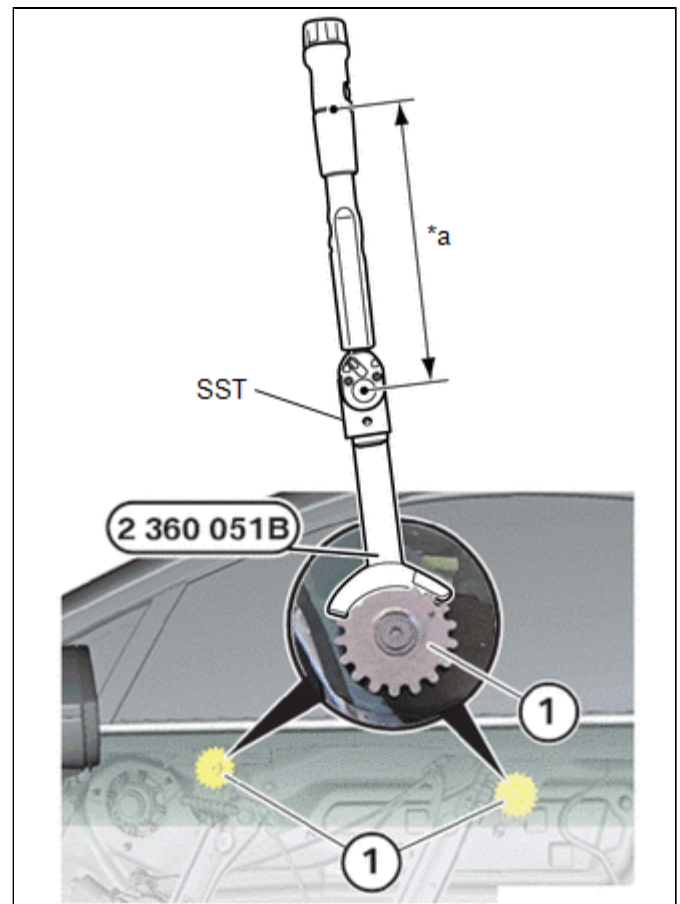
Specified tightening torque: :

9.0 N·m {92 kgf·cm, 80 in·lbf}

HINT:

Calculate the torque wrench reading when changing the fulcrum length of the torque wrench.

Click here [INFO](#)



*a	Torque Wrench Fulcrum Length
----	------------------------------

32. INSTALL FRONT DOOR BELT MOULDING ASSEMBLY

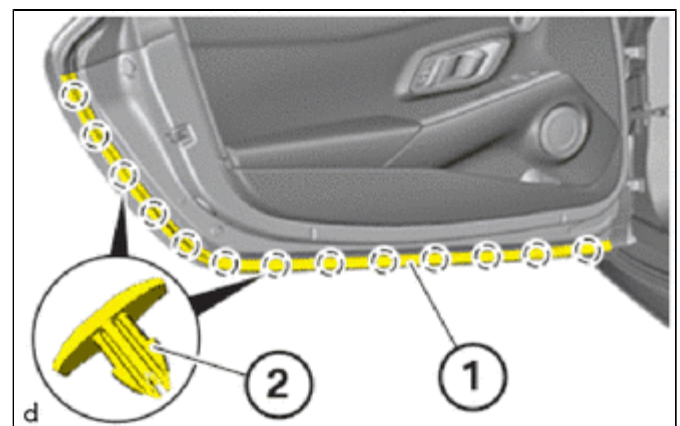
Click here [INFO](#)

33. INSTALL FRONT DOOR OUTSIDE MOULDING SUB-ASSEMBLY

Click here [INFO](#)

34. INSTALL FRONT DOOR WEATHERSTRIP

(a) Position the front door weatherstrip (1) on the front door panel sub-assembly and clip in at the clips (2).

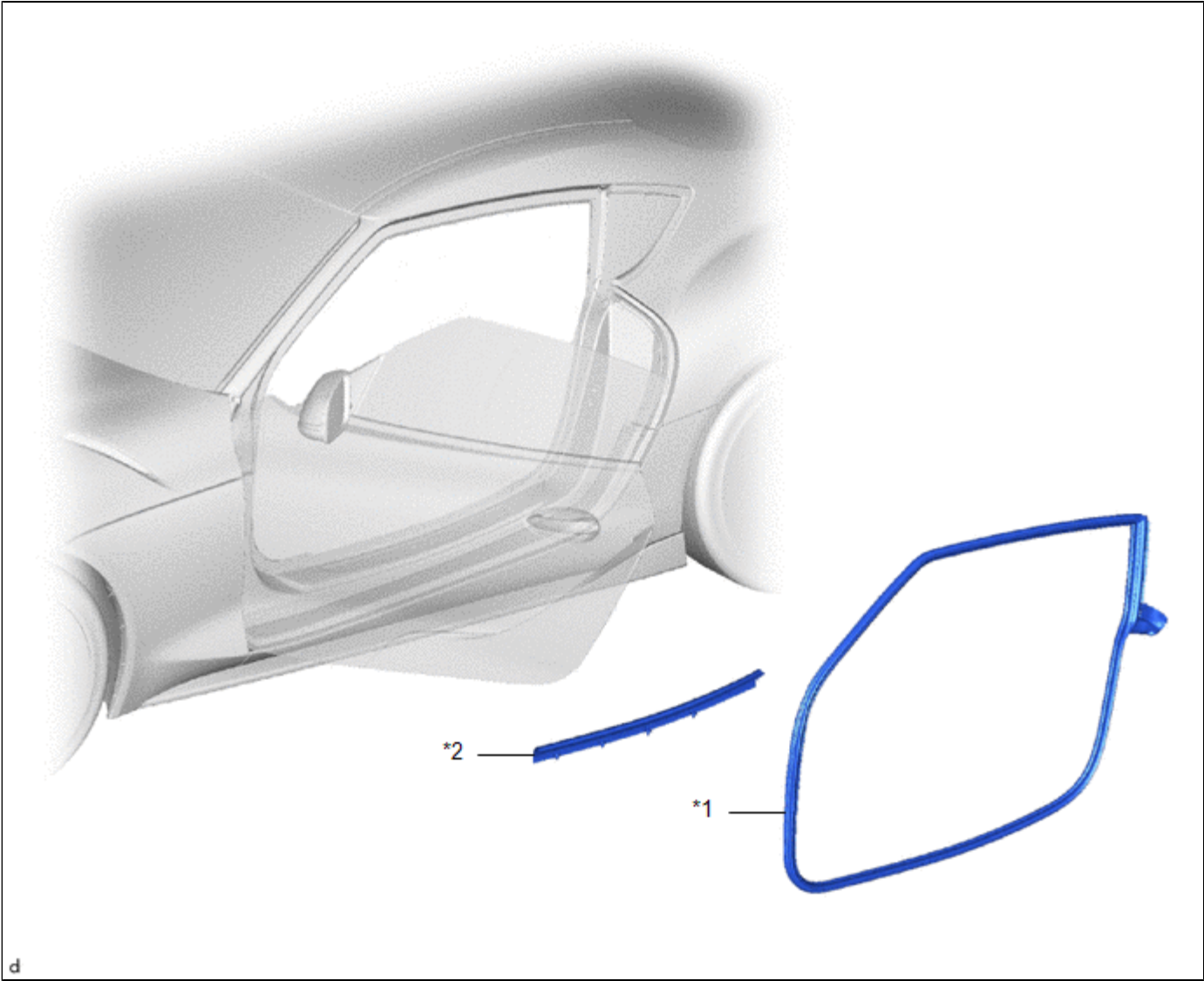




Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCT5
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: FRONT DOOR OPENING TRIM WEATHERSTRIP: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	FRONT DOOR OPENING TRIM WEATHERSTRIP	*2	FRONT DOOR SCUFF PLATE
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Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCT6
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: FRONT DOOR OPENING TRIM WEATHERSTRIP: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

- HINT:**
- Use the same procedure for the RH side and LH side.
 - The following procedure is for the LH side.

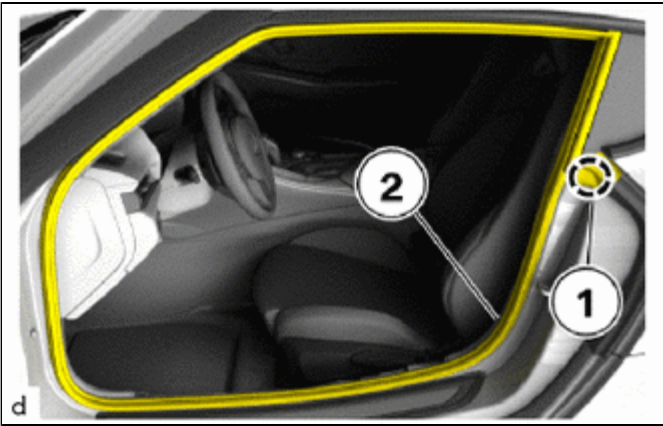
PROCEDURE

1. REMOVE FRONT DOOR SCUFF PLATE

Click here [INFO](#)

2. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP

(a) Release clip (1) and pull off the front door opening trim weatherstrip (2).



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCT7
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: FRONT DOOR OPENING TRIM WEATHERSTRIP: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

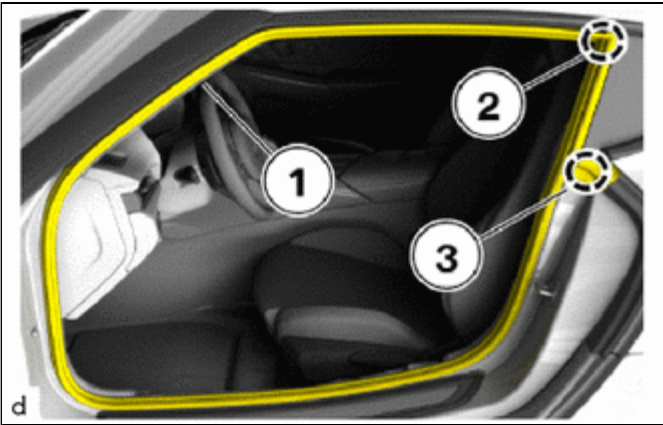
CAUTION / NOTICE / HINT

- HINT:
- Use the same procedure for the RH side and LH side.
 - The following procedure is for the LH side.

PROCEDURE

1. INSTALL FRONT DOOR OPENING TRIM WEATHERSTRIP

(a) Mount front door opening trim weatherstrip (1) starting in the area (2).



(b) Clip in the front door opening trim weatherstrip with the clip (3).

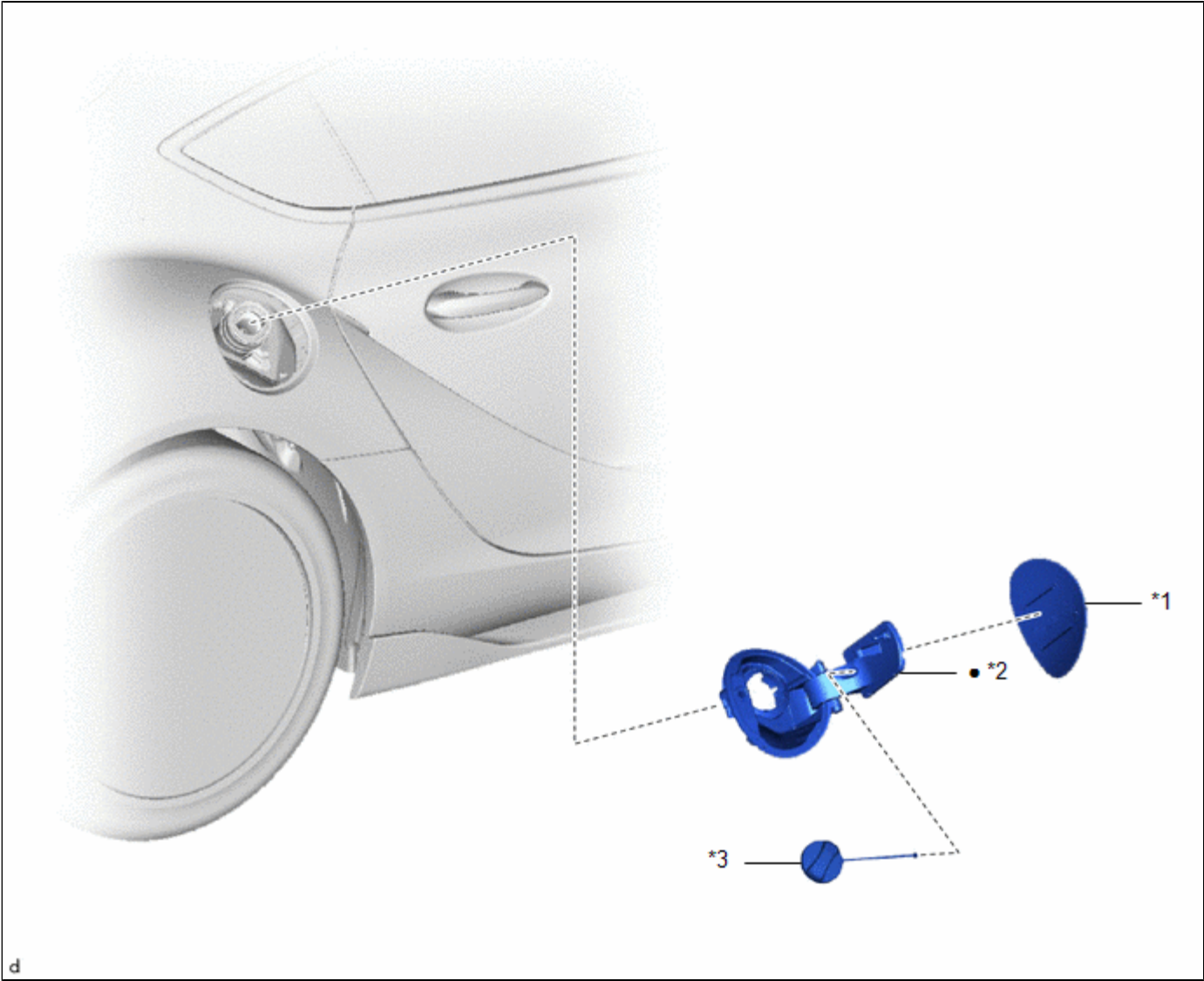
2. INSTALL FRONT DOOR SCUFF PLATE

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTM
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: FUEL LID OPENER UNIT: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	FUEL FILLER OPENING LID ASSEMBLY	*2	FUEL FILLER OPENING LID SUB-ASSEMBLY
*3	FUEL TANK CAP ASSEMBLY	-	-
•	Non-reusable part	-	-

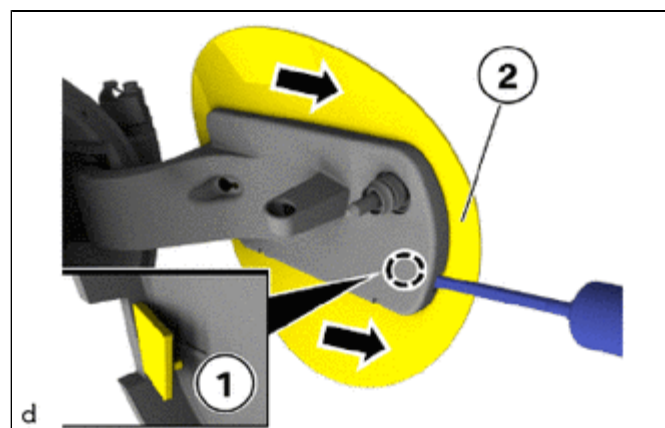
Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTN
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: FUEL LID OPENER UNIT: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

PROCEDURE

1. REMOVE FUEL FILLER OPENING LID ASSEMBLY

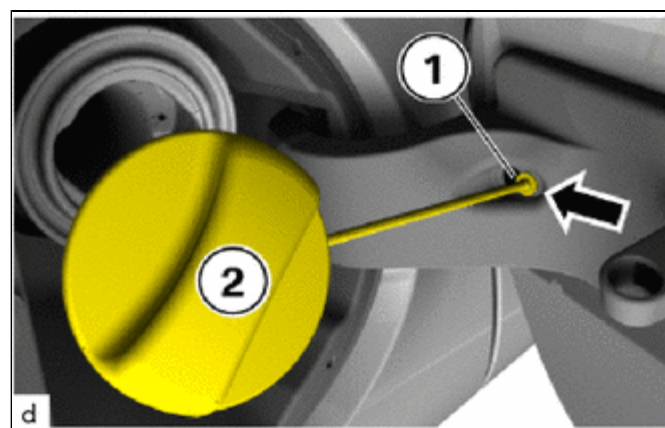
(a) Unlock the latch mechanism (1) with a screwdriver.



(b) Remove the fuel filler opening lid assembly (2) from the hinge in the direction of the arrow.

2. REMOVE FUEL FILLER OPENING LID SUB-ASSEMBLY

(a) Disconnect the retaining strap (1) in the direction of the arrow.

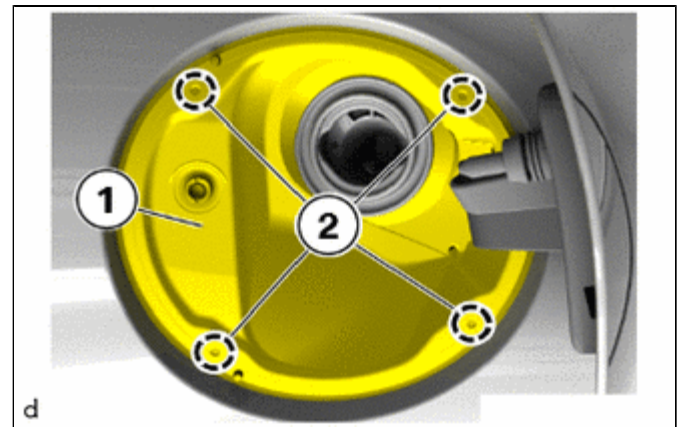


(b) Remove fuel tank cap assembly (2).

(c) Pierce the fuel filler opening lid sub-assembly (1) in the highlighted areas (2) using a small screwdriver.

NOTICE:

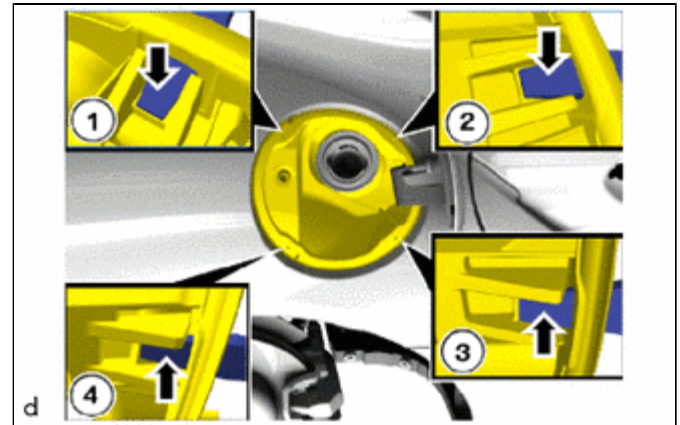
The fuel filler opening lid sub-assembly (1) will not be reused.



(d) Use pliers to hold the cover bowl under tension.

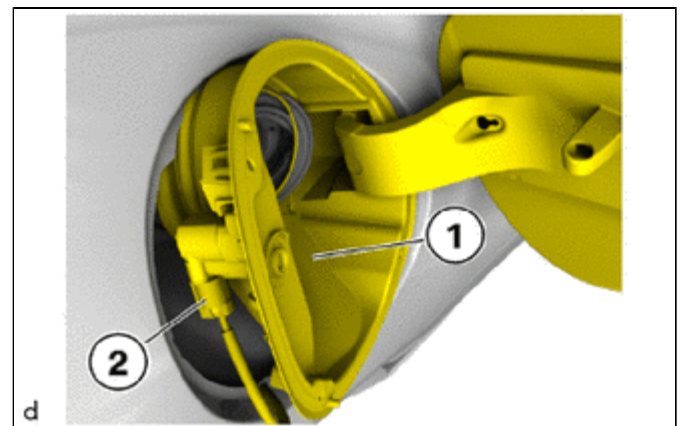
(e) Insert the screwdriver no more than 10 mm (0.394 in.) deep.

(f) Unlock the claws in a sequence from (1) to (4) with a screwdriver in the direction of the arrows.



(g) Remove the fuel filler opening lid sub-assembly from the rear side panel.

(h) Unlock connector (2) and disconnect.



(i) Close the fuel filler flap and remove the fuel filler opening lid sub-assembly (1).

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCTO
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: FUEL LID OPENER UNIT: INSTALLATION; 2020 MY Supra [03/2019 -]		

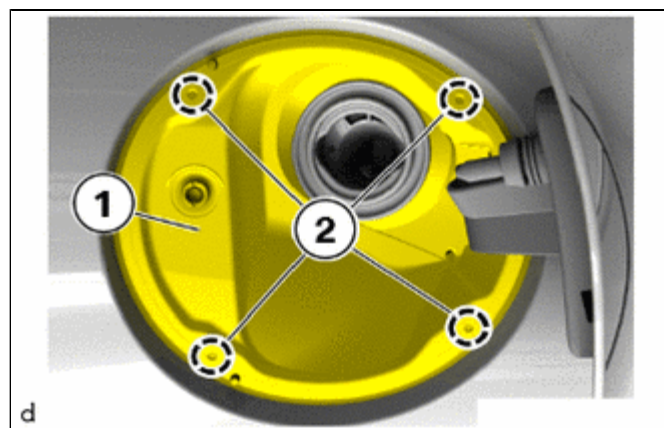
INSTALLATION

PROCEDURE

1. INSTALL FUEL FILLER OPENING LID SUB-ASSEMBLY

- (a) Connect connector and lock.
- (b) Push the fuel filler opening lid sub-assembly toward the front at an angle into the rear side panel.

- (c) Replace the fuel filler opening lid sub-assembly (1).

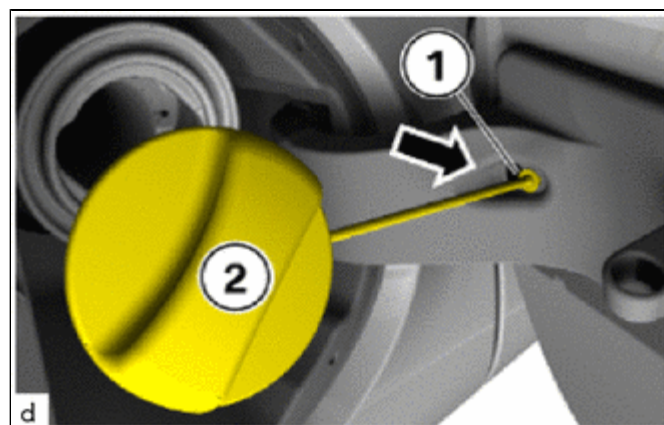


- (d) Clip in the fuel filler opening lid sub-assembly (1) into the rear side panel.

NOTICE:

The claws (2) must engage audibly.

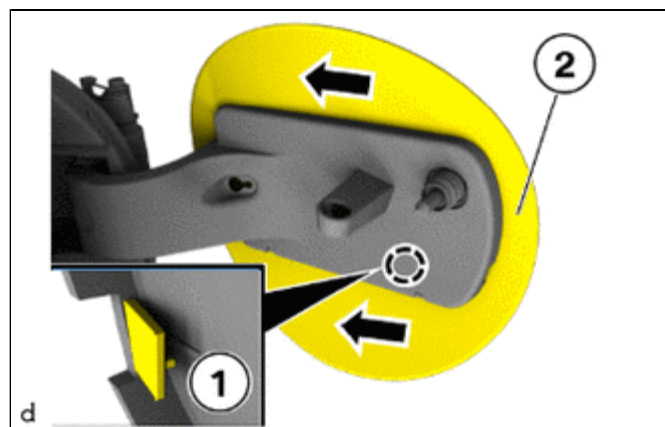
- (e) Connect the retaining strap (1) in the direction of the arrow.



- (f) Close the fuel tank cap assembly (2).

2. INSTALL FUEL FILLER OPENING LID ASSEMBLY

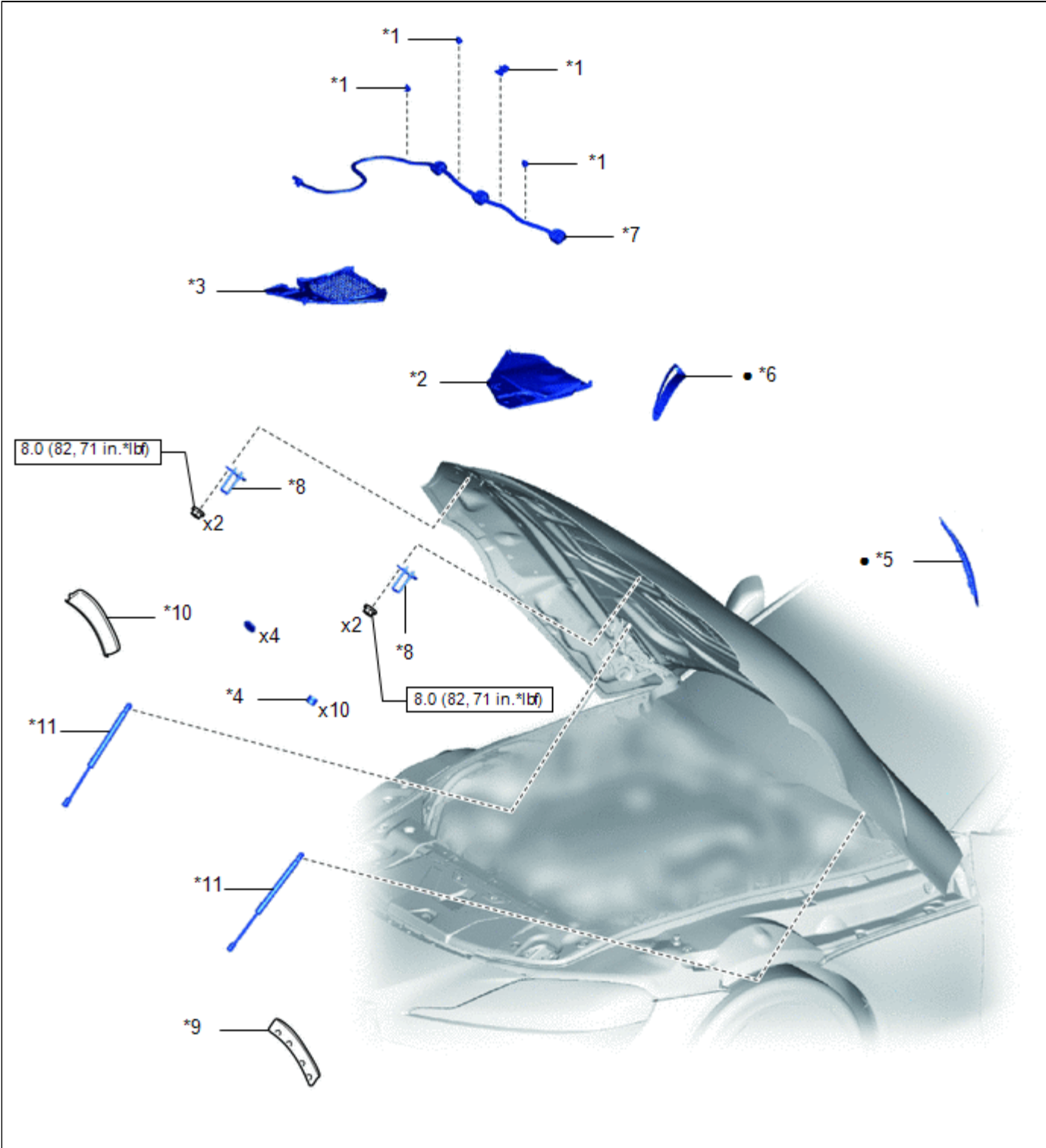
(a) Slide the fuel filler opening lid assembly (2) in the direction of the arrow onto the hinge until you can hear the lock (1) engage.



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSP
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: HOOD: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	BRACKET FOR JET CHAIN	*2	COWL VENT COVER LH
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*3	COWL VENT COVER RH	*4	CUSHION
*5	FRONT SIDE AIR GUIDE SUB- ASSEMBLY LH	*6	FRONT SIDE AIR GUIDE SUB- ASSEMBLY RH
*7	FRONT WASHER NOZZLE AND HOSE ASSEMBLY	*8	HOOD LOCK STRIKER
*9	HOOD MOULDING LH	*10	HOOD MOULDING RH
*11	HOOD SUPPORT ASSEMBLY	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCST
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: HOOD: ON-VEHICLE INSPECTION; 2020 MY Supra [03/2019 -]		

ON-VEHICLE INSPECTION

PROCEDURE

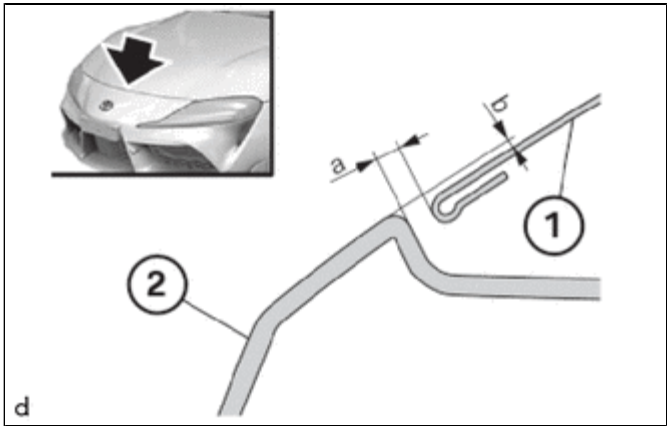
1. INSPECT HOOD SUB-ASSEMBLY

HINT:

- The dimensions stated in this document apply at an object temperature of 20°C (68°F).
- The aim of adjustment is to achieve a uniform gap.
- Symmetry of the gaps between left and right sides of the vehicle has top priority.
- In terms of door gaps the maximum deviation between the front and rear door gap must be 1.0 mm (0.039 in.).
- No gap dimension are specified for components which cannot be adjusted.

- Gap dimension hood sub-assembly to front bumper assembly at center.
Standard Clearance:

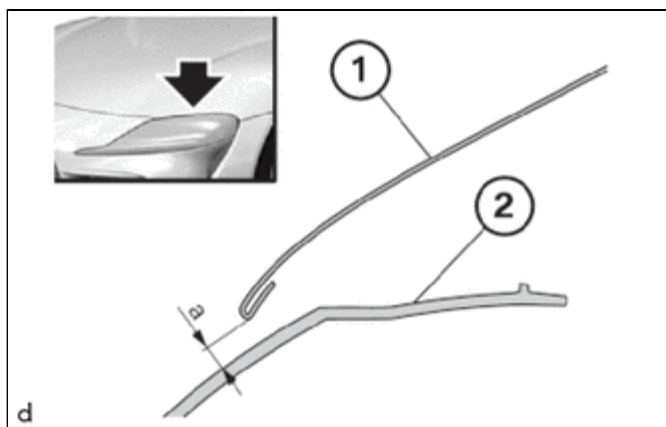
AREA	DIMENSION
a	2.6 to 4.6 mm (0.102 to 0.181 in.)
b	-0.5 to 2.5 mm (-0.020 to 0.098 in.)



(1)	Hood Sub-assembly
(2)	Front Bumper Assembly

- Gap dimension hood sub-assembly to headlight assembly.
Standard Clearance:

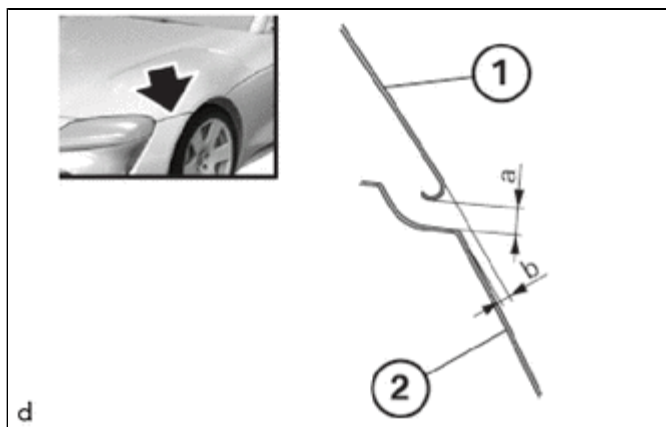
AREA	DIMENSION
a	4.5 to 8.1 mm (0.177 to 0.319 in.)



(1)	Hood Sub-assembly
(2)	Headlight Assembly

- Gap dimension hood sub-assembly to front bumper assembly at side.
Standard Clearance:

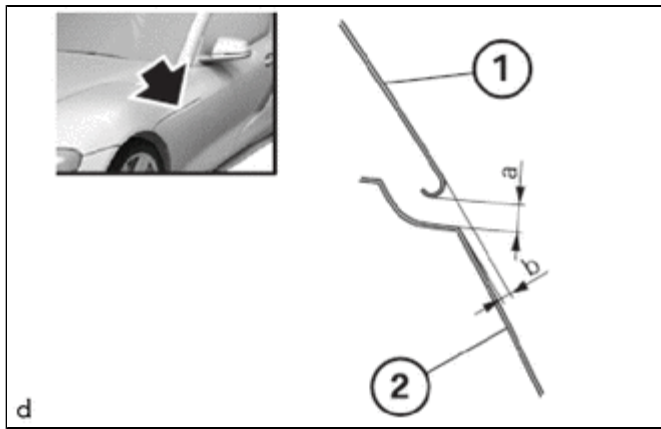
AREA	DIMENSION
a	2.6 to 6.4 mm (0.102 to 0.252 in.)
b	0.1 to 3.1 mm (0.004 to 0.122 in.)



(1)	Hood Sub-assembly
(2)	Front Bumper Assembly

- Gap dimension hood sub-assembly to front side panel.
Standard Clearance:

AREA	DIMENSION
a	3.1 to 5.9 mm (0.122 to 0.232 in.)
b	0.4 to 3.6 mm (0.016 to 0.142 in.)



(1)	Hood Sub-assembly
(2)	Front Side Panel



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSQ
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: HOOD: DISASSEMBLY; 2020 MY Supra [03/2019 -]		

DISASSEMBLY

PROCEDURE

1. REMOVE HOOD MOULDING LH

Click here [INFO](#)

2. REMOVE HOOD MOULDING RH

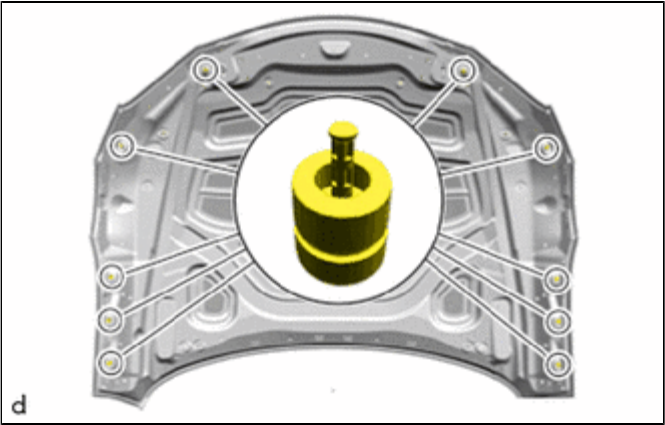
HINT:
Use the same procedure as for the LH side.

3. REMOVE FRONT WASHER NOZZLE AND HOSE ASSEMBLY

Click here [INFO](#)

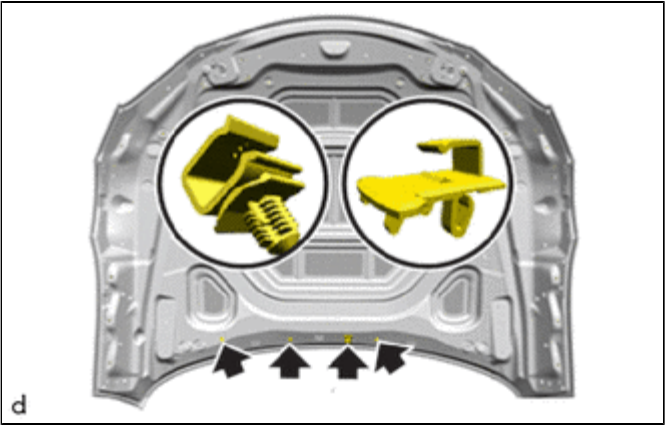
4. REMOVE CUSHION

(a) Remove all cushions.



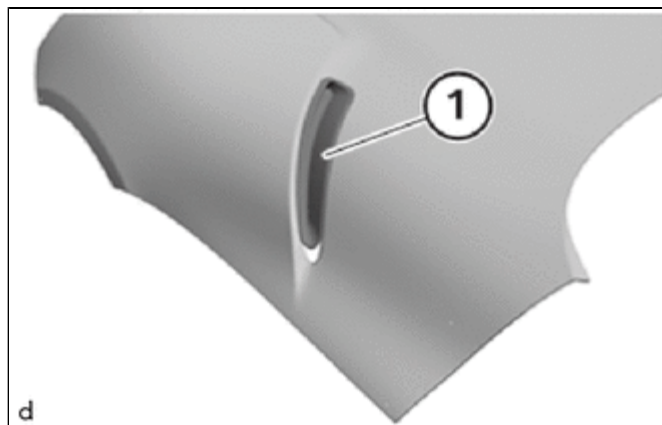
5. REMOVE BRACKET FOR JET CHAIN

(a) Remove all brackets for jet chain.



6. REMOVE FRONT SIDE AIR GUIDE SUB-ASSEMBLY LH

(a) Remove the front side air guide sub-assembly LH (1).



7. REMOVE FRONT SIDE AIR GUIDE SUB-ASSEMBLY RH

HINT:

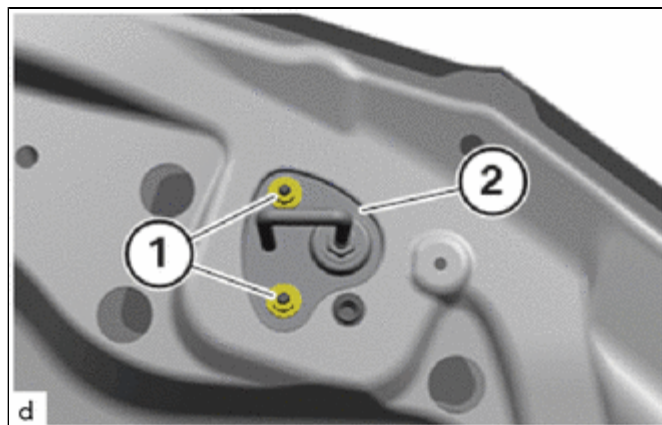
Perform the operations on the left and right side.

8. REMOVE HOOD LOCK STRIKER

HINT:

Perform the operations on the left and right side.

(a) Loosen nuts (1).



(b) Remove hood lock striker (2).

9. REMOVE COWL VENT COVER LH

Click here [INFO](#)

10. REMOVE COWL VENT COVER RH

Click here [INFO](#)

11. REMOVE HOOD SUPPORT ASSEMBLY

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSS
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: HOOD: ADJUSTMENT; 2020 MY Supra [03/2019 -]		

ADJUSTMENT

CAUTION / NOTICE / HINT

HINT:

Perform the operations on the left and right side.

PROCEDURE

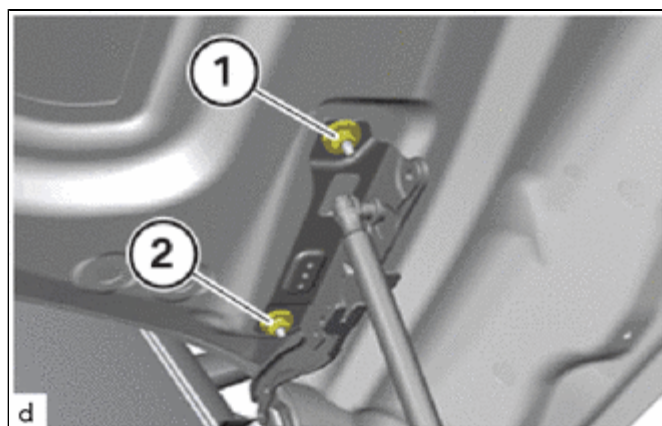
1. ADJUST HOOD SUB-ASSEMBLY

- (a) Loosen nut (1) and (2) until the hood sub-assembly can be pushed.

HINT:

- The gap dimensions form the basis for these repair instructions and must be observed without fail.
- For more information see:

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

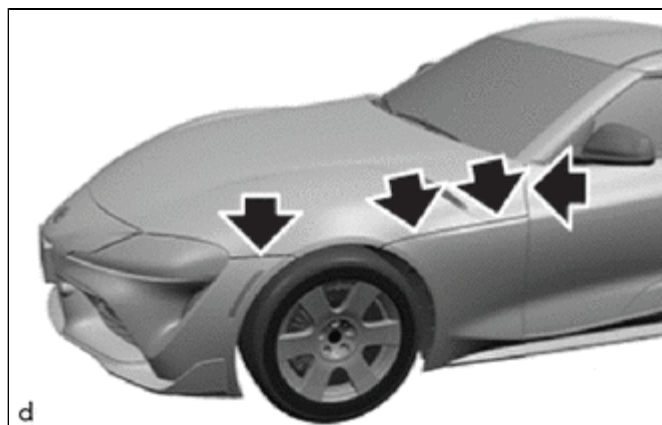


- (b) Adjust gap dimensions.

HINT:

- Gap dimensions do not correspond to the specifications.
- Adjust the front compartment lid correctly.

- (1) Check the gap dimensions (arrow) between the hood sub-assembly and the front doors.



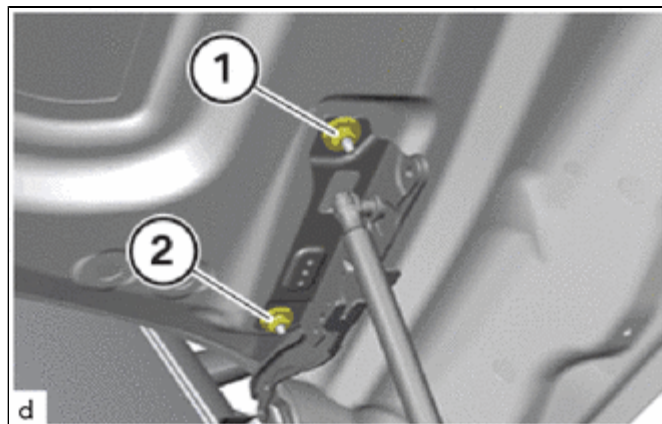
- (2) Check the gap dimensions (arrows) between the hood sub-assembly and the front side panels.

(3) Check the gap dimensions (arrow) between the hood sub-assembly and the front bumper assembly.

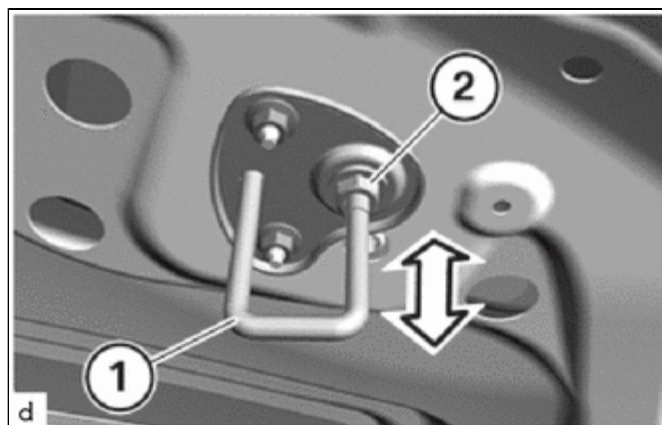
(c) Tighten the nut (1) and (2).

Torque:

19.0 N·m {194 kgf·cm, 14 ft·lbf}



(d) Adjust hood lock striker (1) by turning nut (2).



(e) Check the gap dimensions (arrows) between the hood sub-assembly and the front bumper assembly.



(f) Check the gap dimensions (arrows) between the hood sub-assembly and the headlight assemblies.

HINT:

- Gap dimensions do not correspond to the specifications.
- Adjust the hood sub-assembly catch correctly.

- (g) Screw in fender to hood bumpers (1) fully until the pin (2) can be pulled out.



- (h) Pull the pin (2) out approx. 15 mm (0.591 in.).

- (i) Slowly close hood sub-assembly.

HINT:

Pin (2) will be pressed into fender to hood bumper (1) while doing so.

- (j) Raise hood sub-assembly.

- (k) Unscrew fender to hood bumpers (1) until the fender to hood bumper (1) is flush with the upper edge of pin (2).



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSR
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: HOOD: REASSEMBLY; 2020 MY Supra [03/2019 -]		

REASSEMBLY

PROCEDURE

1. INSTALL HOOD SUPPORT ASSEMBLY

Click here [INFO](#)

2. INSTALL COWL VENT COVER LH

Click here [INFO](#)

3. INSTALL COWL VENT COVER RH

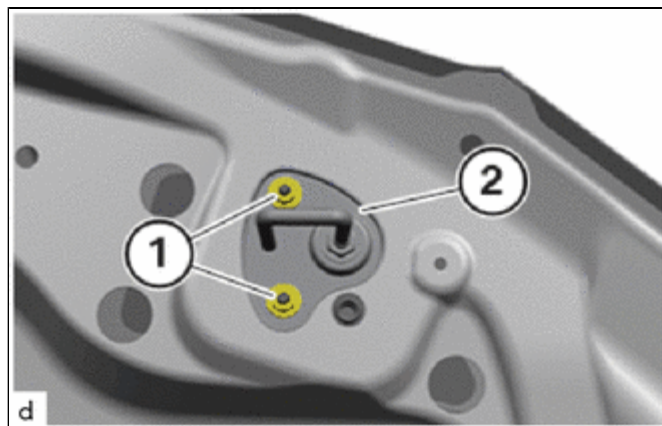
Click here [INFO](#)

4. INSTALL HOOD LOCK STRIKER

HINT:

Perform the operations on the left and right side.

(a) Install hood lock striker (2) on the hood sub-assembly.



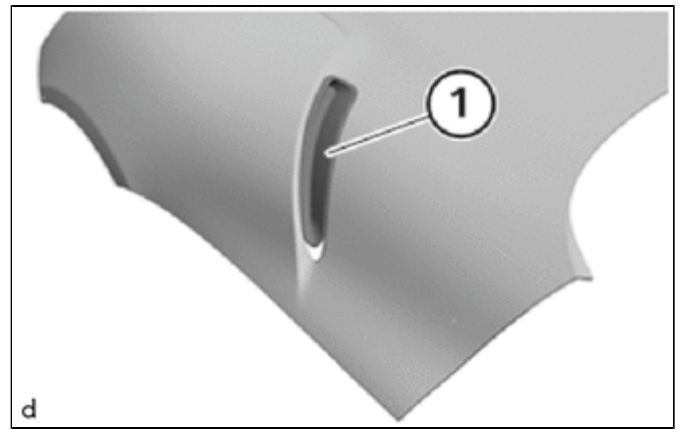
(b) Tighten nuts (1).

Torque:

8.0 N·m {82 kgf·cm, 71 in·lbf}

5. INSTALL FRONT SIDE AIR GUIDE SUB-ASSEMBLY LH

(a) Install a new front side air guide sub-assembly LH (1).



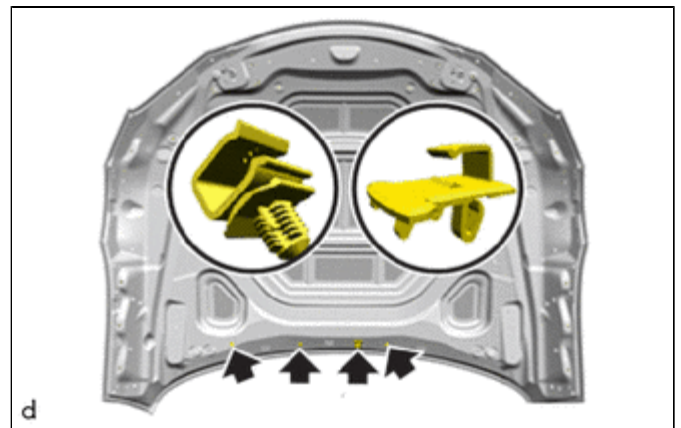
6. INSTALL FRONT SIDE AIR GUIDE SUB-ASSEMBLY RH

HINT:

Perform the operations on the left and right side.

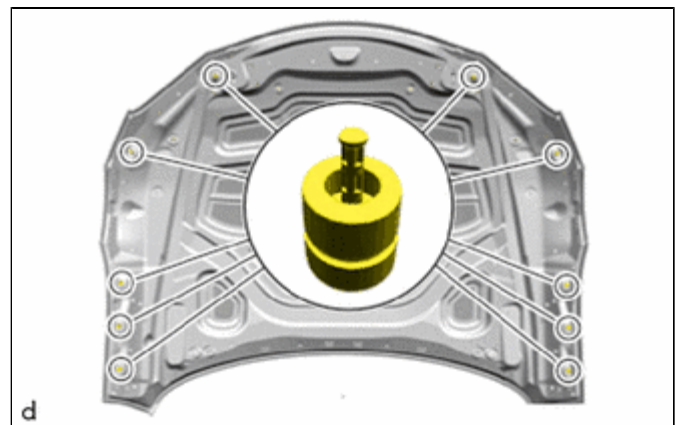
7. INSTALL BRACKET FOR JET CHAIN

(a) Install all brackets for jet chain.



8. INSTALL CUSHION

(a) Install all cushions.



9. ADJUST HOOD SUB-ASSEMBLY

Click here [INFO](#)

10. INSTALL FRONT WASHER NOZZLE AND HOSE ASSEMBLY

Click here [INFO](#)

11. INSTALL HOOD MOULDING LH

Click here [INFO](#)

12. INSTALL HOOD MOULDING RH

HINT:

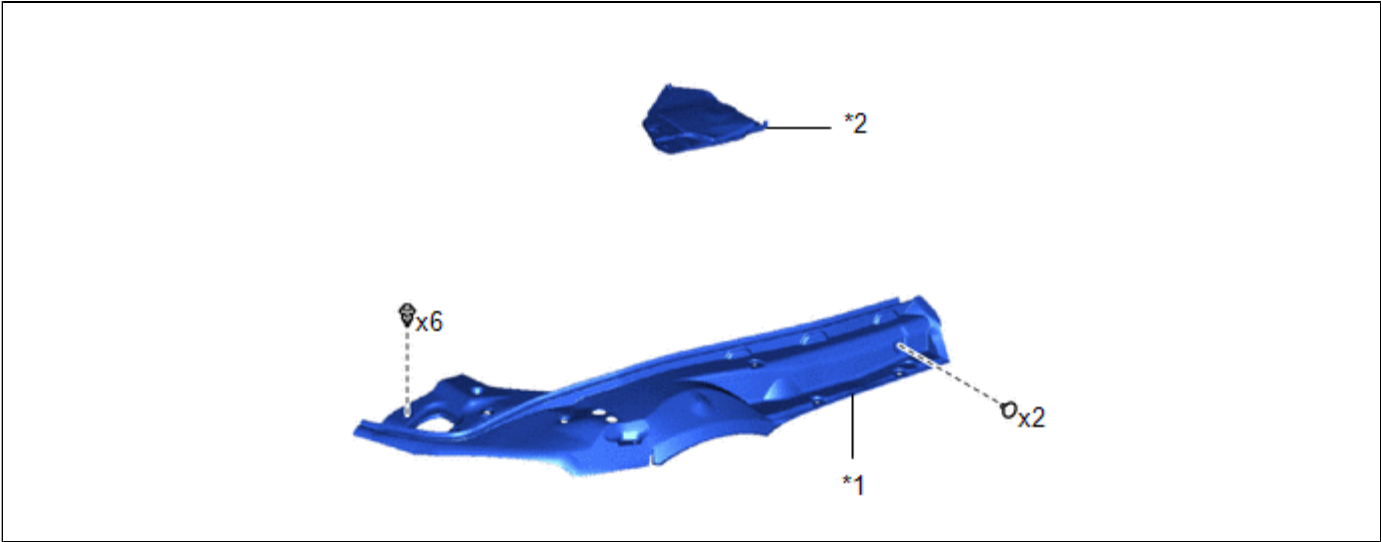
Use the same procedure as for the LH side.



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSY
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: HOOD LOCK CONTROL CABLE ASSEMBLY: COMPONENTS; 2020 MY Supra [03/2019 -]		

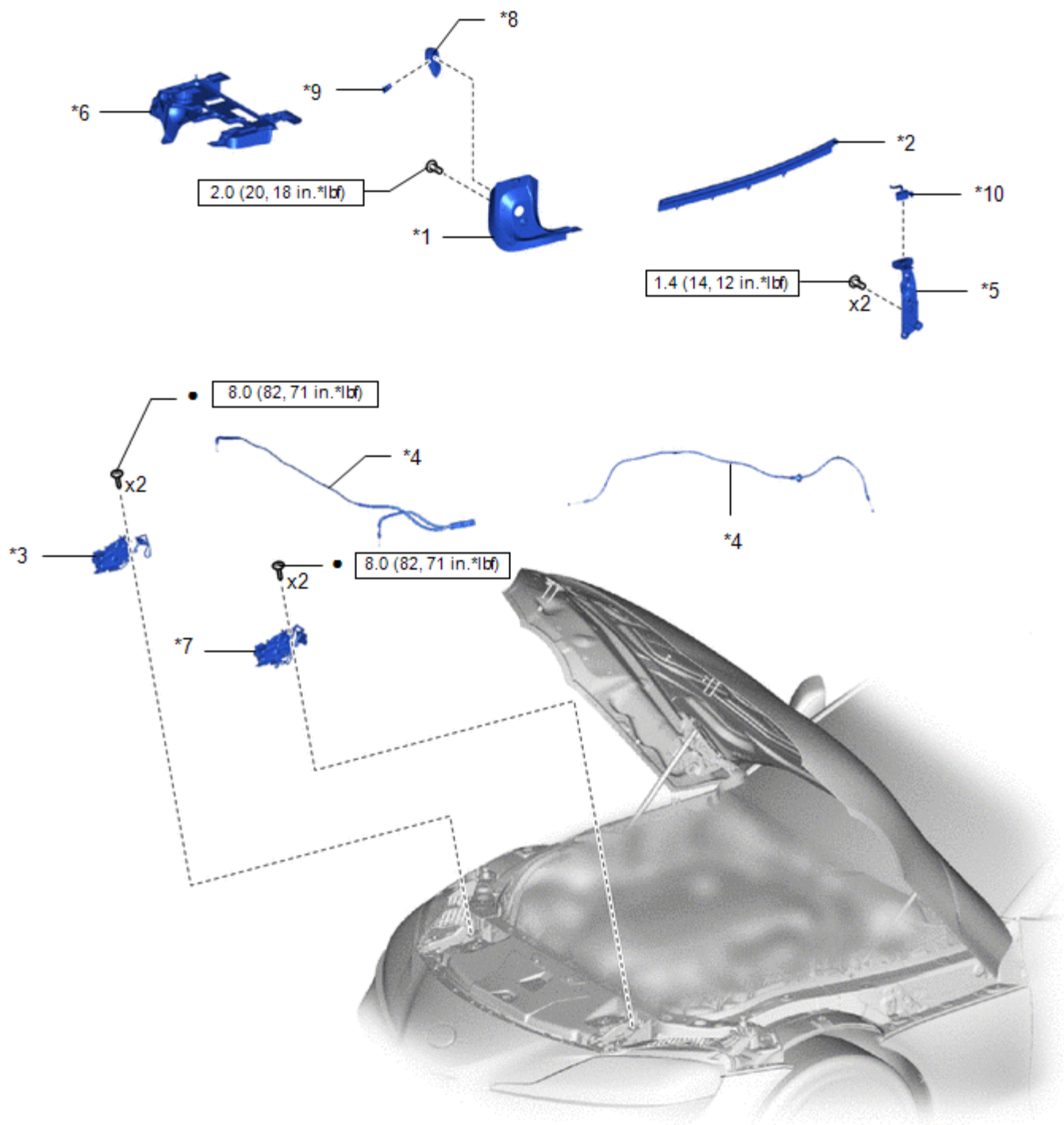
COMPONENTS

ILLUSTRATION



*1	FRONT FENDER UPPER PROTECTOR LH	*2	COWL VENT COVER LH
----	------------------------------------	----	--------------------

ILLUSTRATION



d

*1	COWL SIDE TRIM SUB-ASSEMBLY LH	*2	FRONT DOOR SCUFF PLATE LH
*3	HOOD LOCK ASSEMBLY	*4	HOOD LOCK CONTROL CABLE ASSEMBLY
*5	HOOD SUPPORT BRACKET	*6	NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY
*7	ENGINE HOOD COURTESY SWITCH	*8	HOOD LOCK RELEASE LEVER

	(HOOD LOCK ASSEMBLY)		PROTECTOR
*9	LOCKING WEDGE	*10	DIAGNOSTIC SOCKET
	N*m (kgf*cm, ft.*lbf): Specified torque		Non-reusable part

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSZ
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: HOOD LOCK CONTROL CABLE ASSEMBLY: 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!

- Disconnect battery earth lead from battery.

NOTICE:

After the engine switch off, the radio receiver assembly records various types of memory and settings. As a result, after turning the engine switch off, be sure to wait for the time specified in the following table before disconnecting the cable from the negative (-) battery terminal.

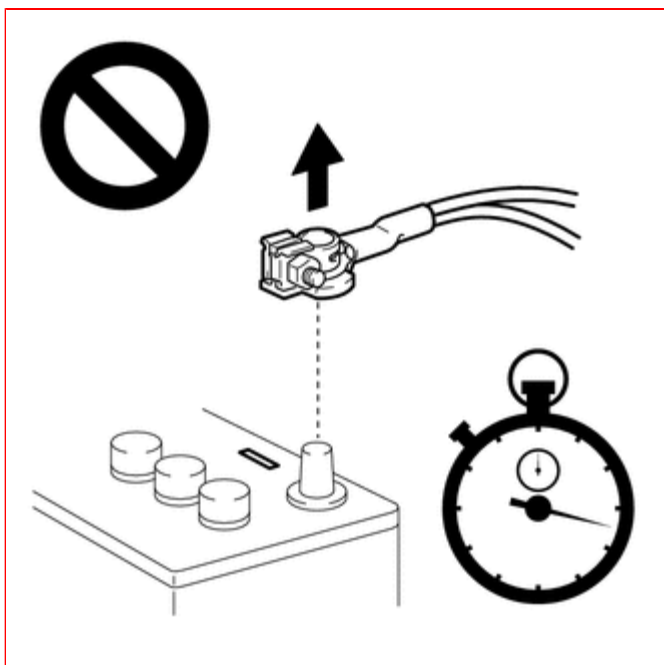
PROCEDURE

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 FENDER UPPER PROTECTOR LH

Click here [INFO](#)

3. REMOVE COWL VENT COVER LH

Click here [INFO](#)

4. REMOVE ENGINE HOOD COURTESY SWITCH (HOOD LOCK ASSEMBLY)

Click here [INFO](#)

5. REMOVE HOOD LOCK ASSEMBLY

(a) w/ Pop Up Hood:

CAUTION:



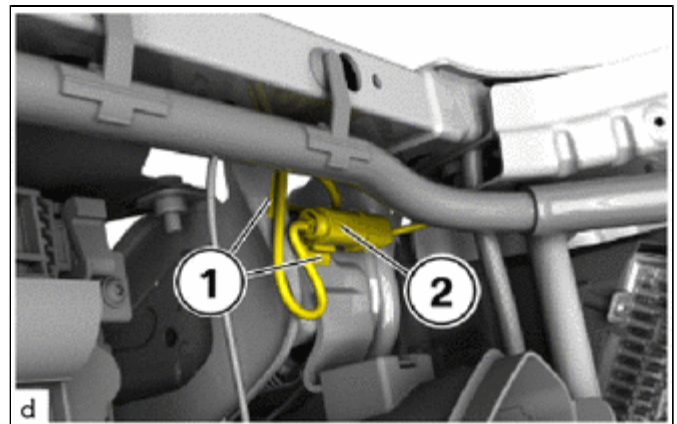
- Airbag unit.

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.
- For additional information see: Safety regulations on handling components with gas generators.

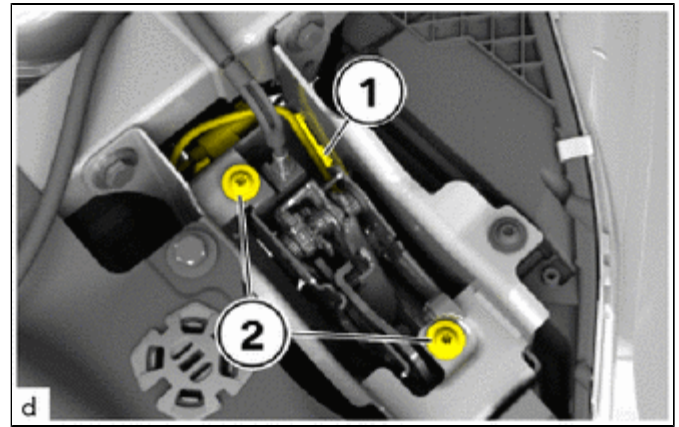
Click here [INFO](#)

(1) Unclip cable with the holder (1).



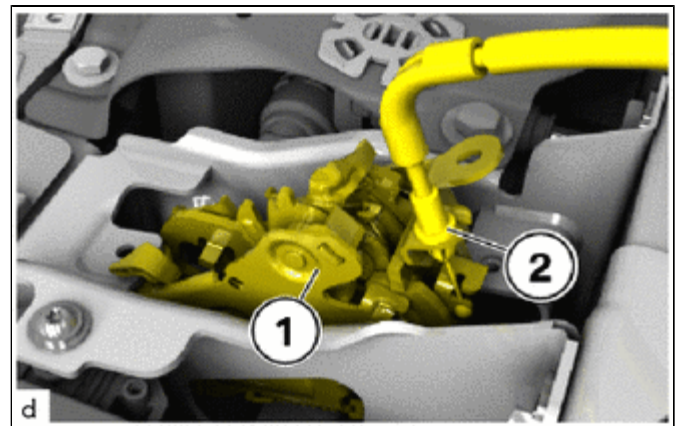
(2) Unlock connector (2) and disconnect.

(b) Unclip cable with the holder (1).



(c) Loosen T30 screws (2).

(d) Feed out the hood lock assembly (1) in an upward direction.



(e) Disconnect hood lock control cable assembly linkage (2) and remove the hood lock assembly (1).

6. REMOVE NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

Click here [INFO](#)

7. REMOVE FRONT DOOR SCUFF PLATE LH

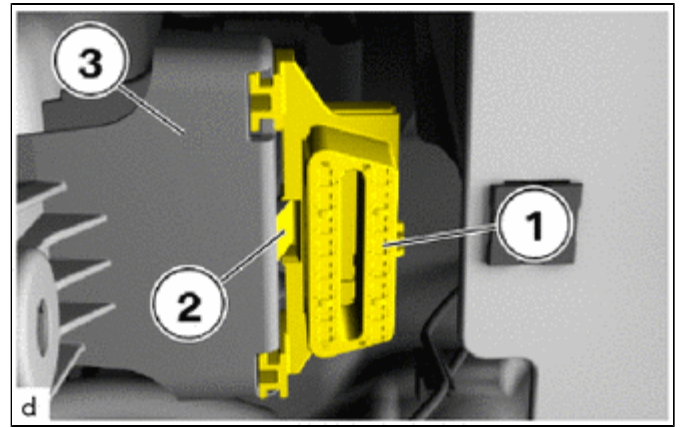
Click here [INFO](#)

8. REMOVE COWL SIDE TRIM SUB-ASSEMBLY LH

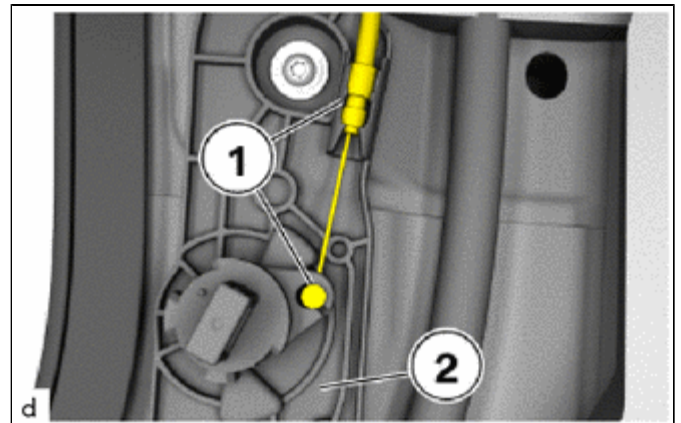
Click here [INFO](#)

9. REMOVE HOOD SUPPORT BRACKET

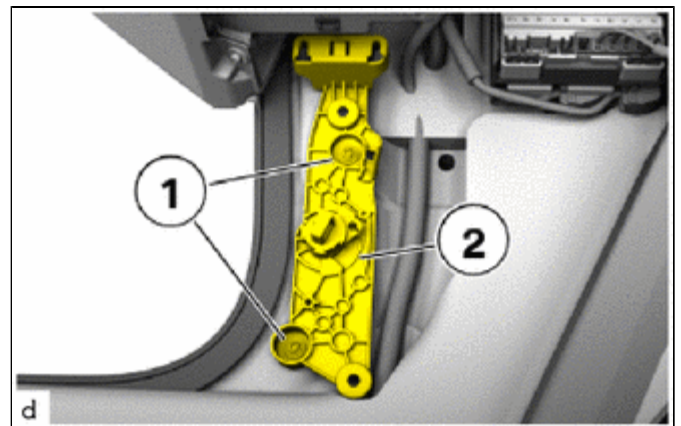
(a) Release diagnostic socket (1) on the retaining clip (2) and pull the hood support bracket (3) down and out.



(b) Unclip the hood lock control cable assembly (1) on the hood support bracket (2) and disconnect.

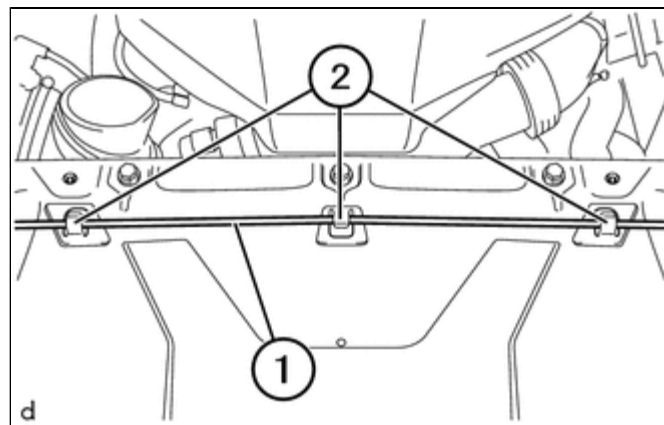


(c) Release the T25 screws (1) and remove the hood support bracket (2).

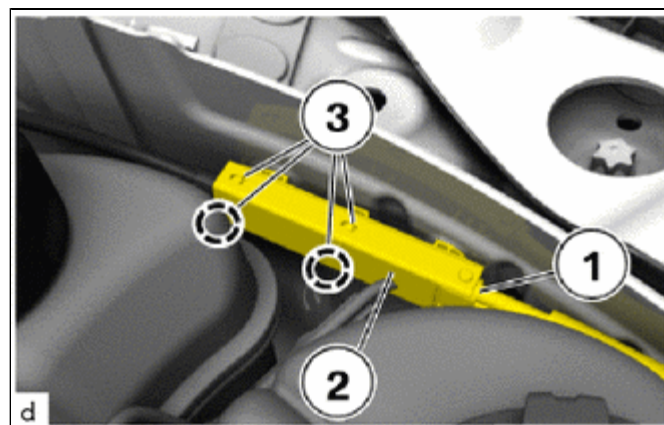


10. REMOVE HOOD LOCK CONTROL CABLE ASSEMBLY

(a) Disconnect hood lock control cable assembly (1) from the guides (2).

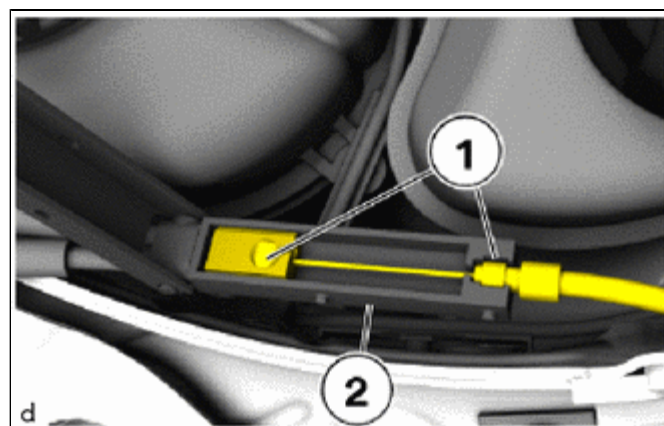


(b) Unclip hood lock control cable bracket (1) from the body.

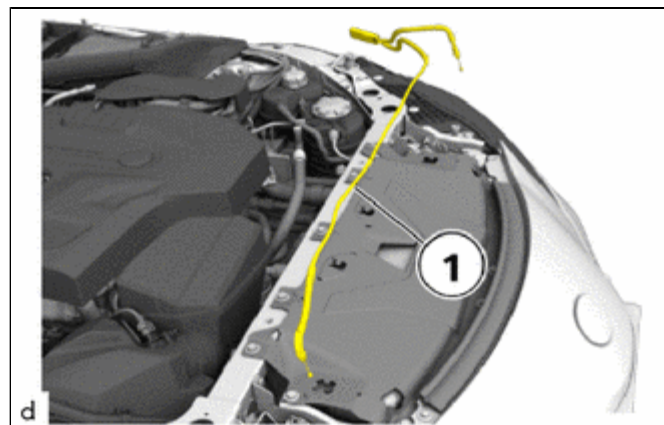


(c) Loosen lid (2) on retaining lugs (3) and fold up and to the front.

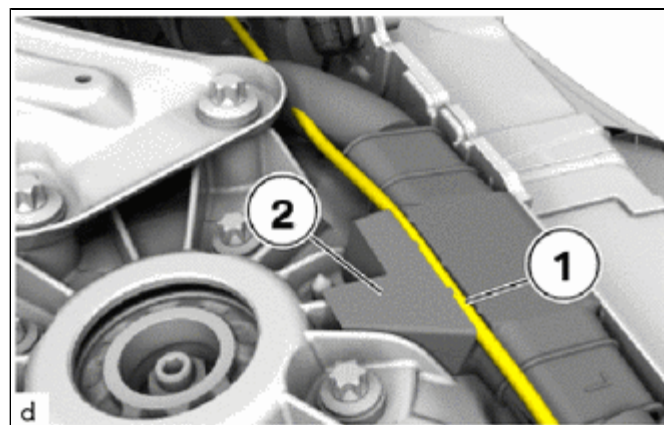
(d) Disconnect hood lock control cable assembly (1) from the hood lock control cable bracket (2).



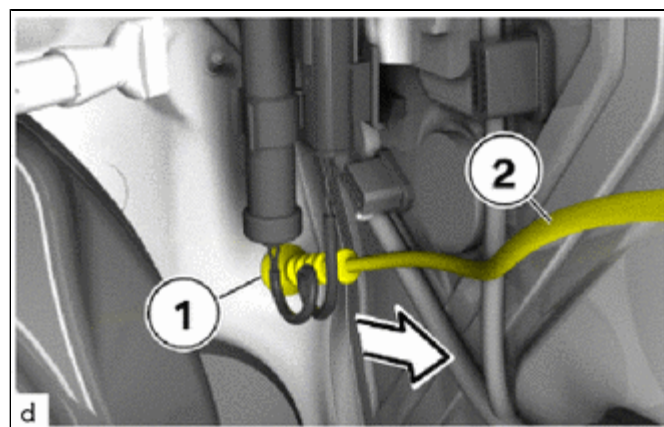
(e) Remove hood lock control cable assembly (1) together with the hood lock control cable bracket.



(f) Disconnect the hood lock control cable assembly (1) from the guide (2).



(g) Remove rubber grommet (1) and work the hood lock control cable assembly (2) out in the direction of the arrow and remove.



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Title: DOOR / HATCH: HOOD LOCK CONTROL CABLE ASSEMBLY: 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!

- Disconnect battery earth lead from battery.

NOTICE:

After the engine switch off, the radio receiver assembly records various types of memory and settings. As a result, after turning the engine switch off, be sure to wait for the time specified in the following table before disconnecting the cable from the negative (-) battery terminal.

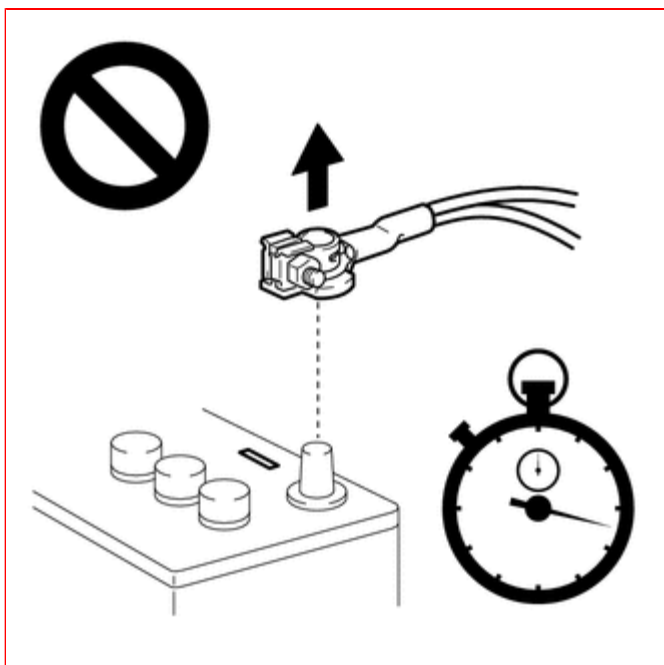
PROCEDURE

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 FENDER UPPER PROTECTOR LH

Click here [INFO](#)

3. REMOVE COWL VENT COVER LH

Click here [INFO](#)

4. REMOVE ENGINE HOOD COURTESY SWITCH (HOOD LOCK ASSEMBLY)

Click here [INFO](#)

5. REMOVE HOOD LOCK ASSEMBLY

(a) w/ Pop Up Hood:

CAUTION:



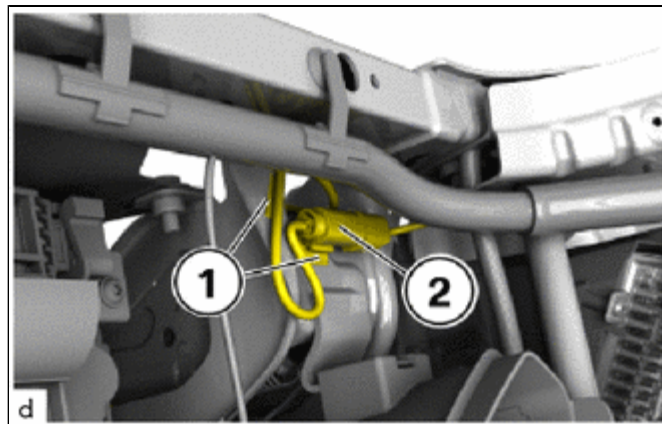
- Airbag unit.

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.
- For additional information see: Safety regulations on handling components with gas generators.

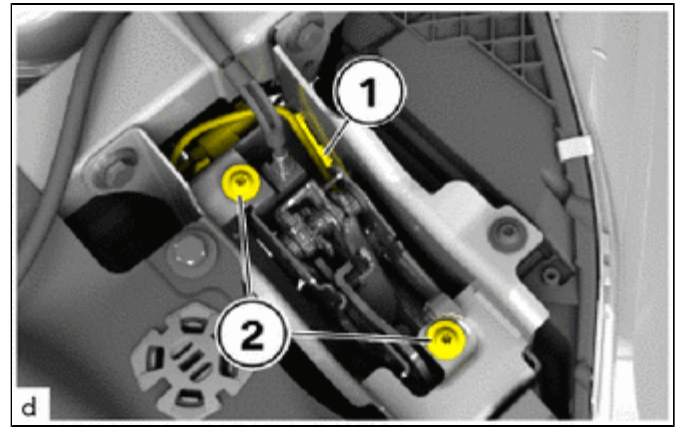
Click here [INFO](#)

(1) Unclip cable with the holder (1).



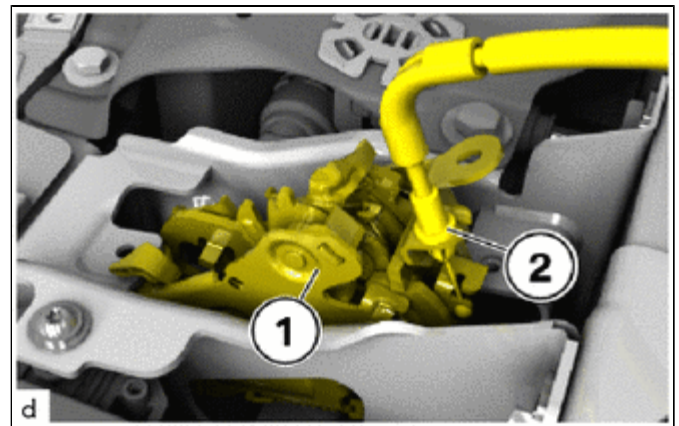
(2) Unlock connector (2) and disconnect.

(b) Unclip cable with the holder (1).



(c) Loosen T30 screws (2).

(d) Feed out the hood lock assembly (1) in an upward direction.



(e) Disconnect hood lock control cable assembly linkage (2) and remove the hood lock assembly (1).

6. REMOVE NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

Click here [INFO](#)

7. REMOVE FRONT DOOR SCUFF PLATE LH

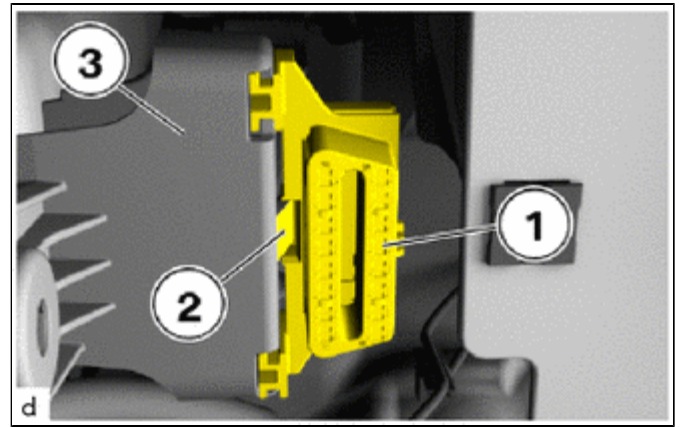
Click here [INFO](#)

8. REMOVE COWL SIDE TRIM SUB-ASSEMBLY LH

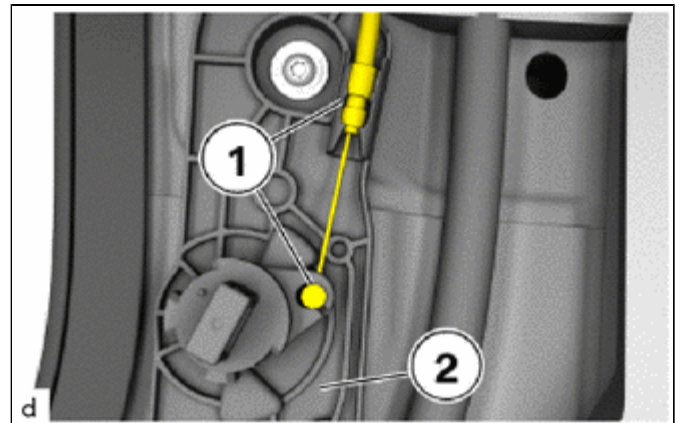
Click here [INFO](#)

9. REMOVE HOOD SUPPORT BRACKET

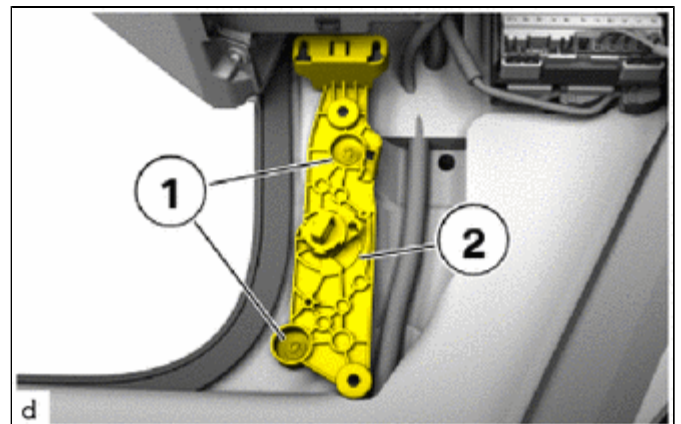
(a) Release diagnostic socket (1) on the retaining clip (2) and pull the hood support bracket (3) down and out.



(b) Unclip the hood lock control cable assembly (1) on the hood support bracket (2) and disconnect.

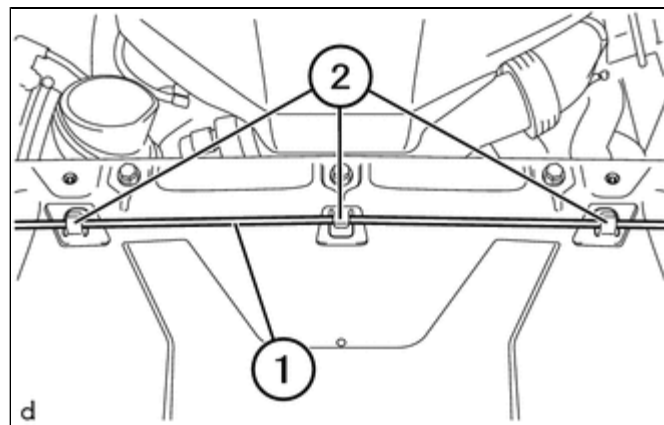


(c) Release the T25 screws (1) and remove the hood support bracket (2).

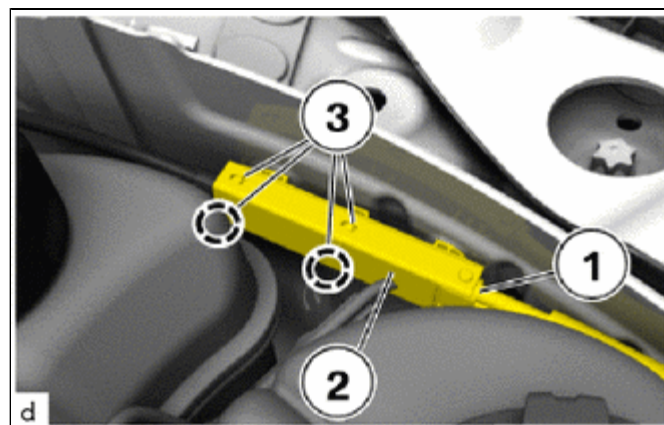


10. REMOVE HOOD LOCK CONTROL CABLE ASSEMBLY

(a) Disconnect hood lock control cable assembly (1) from the guides (2).

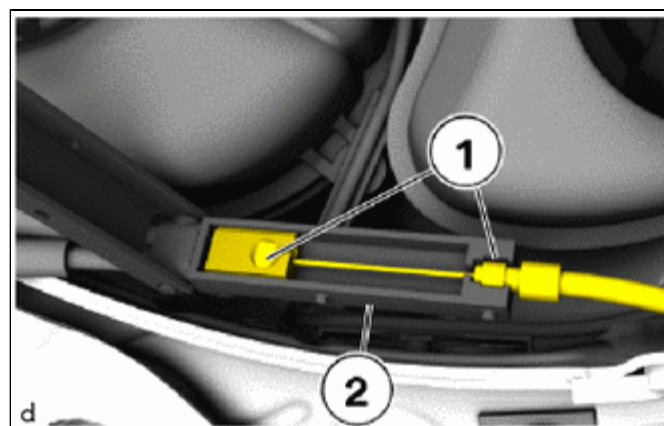


(b) Unclip hood lock control cable bracket (1) from the body.

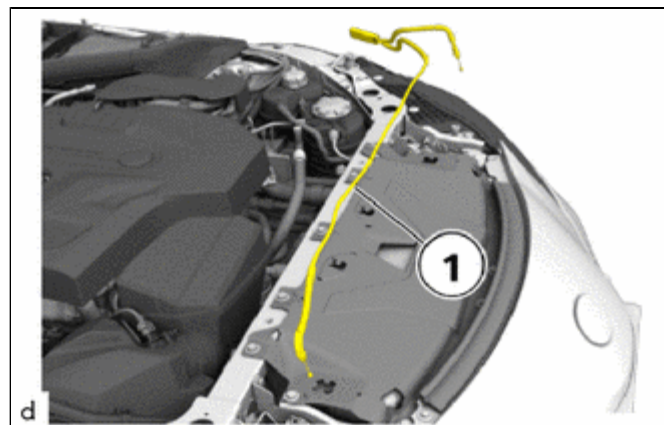


(c) Loosen lid (2) on retaining lugs (3) and fold up and to the front.

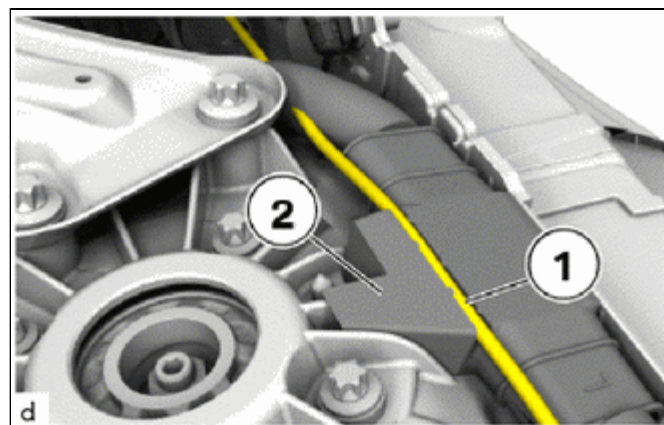
(d) Disconnect hood lock control cable assembly (1) from the hood lock control cable bracket (2).



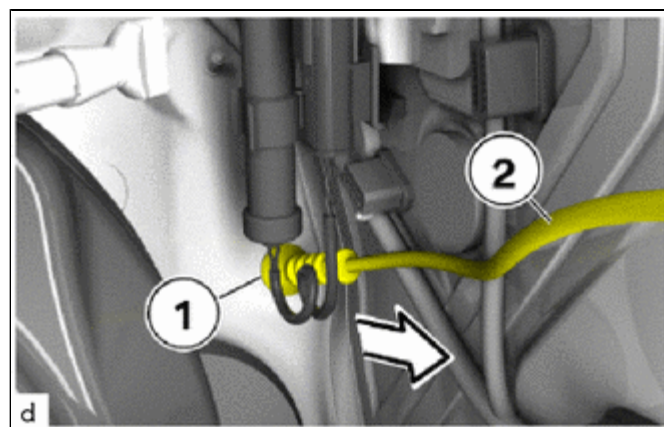
(e) Remove hood lock control cable assembly (1) together with the hood lock control cable bracket.



(f) Disconnect the hood lock control cable assembly (1) from the guide (2).



(g) Remove rubber grommet (1) and work the hood lock control cable assembly (2) out in the direction of the arrow and remove.



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Title: DOOR / HATCH: HOOD LOCK CONTROL CABLE ASSEMBLY: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

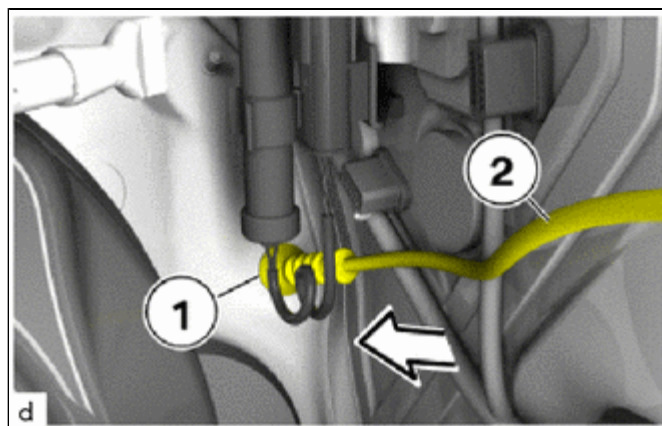
PROCEDURE

1. INSTALL HOOD LOCK CONTROL CABLE ASSEMBLY

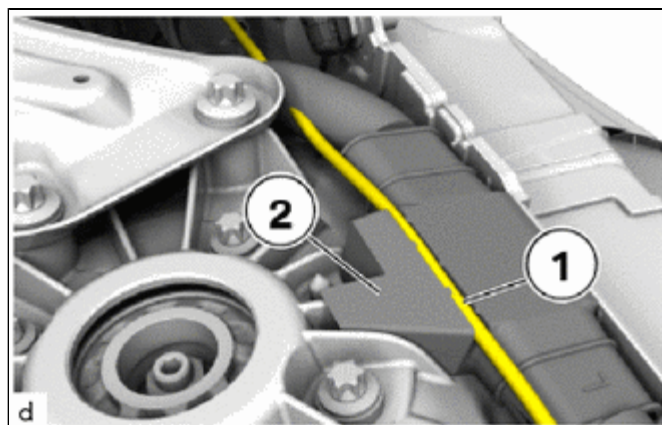
- (a) Insert hood lock control cable assembly (2) in the direction of the arrow and secure with the rubber grommet (1).

HINT:

Make sure that the rubber grommet (1) is correctly seated.



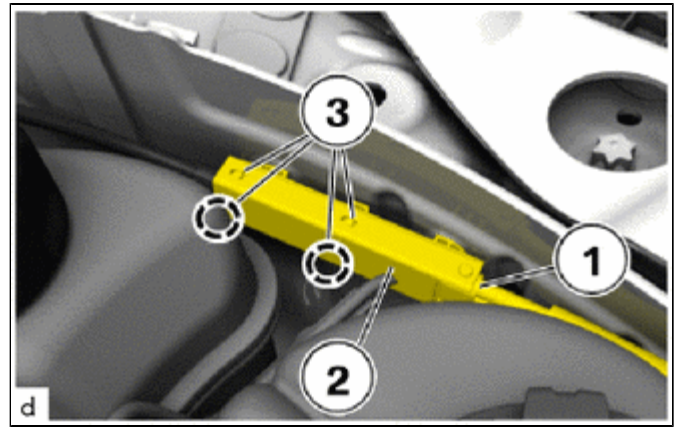
- (b) Connect the hood lock control cable assembly (1) in the guide (2).



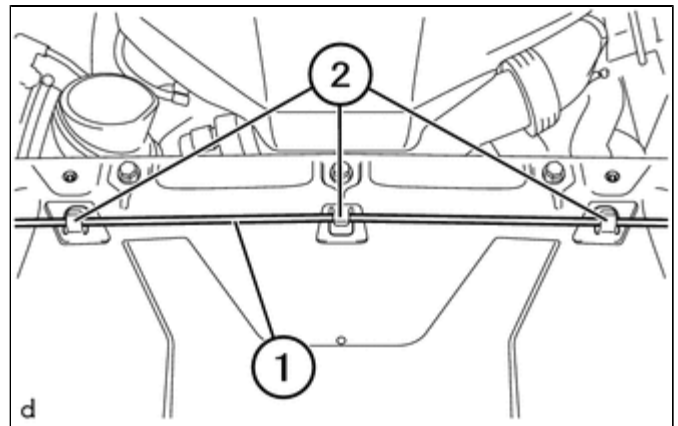
- (c) Position hood lock control cable assembly.

- (d) Connect hood lock control cable assembly in the hood lock control cable bracket.

- (e) Close the lid (2) and engage with the retaining lugs (3).



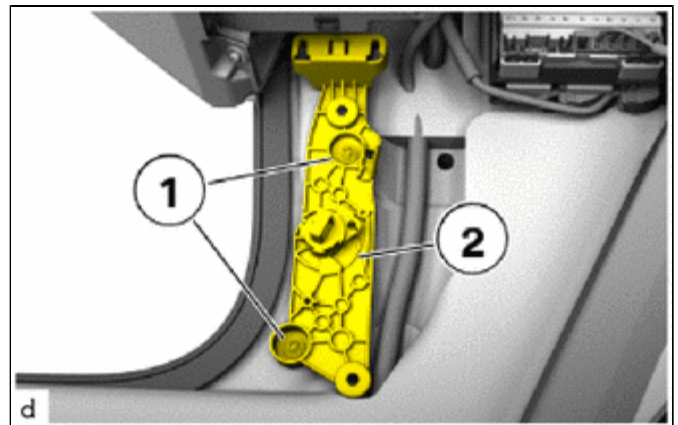
(f) Clip in the hood lock control cable assembly (1) into the body.



(g) Connect hood lock control cable assembly (1) in the guides (2).

2. INSTALL HOOD SUPPORT BRACKET

(a) Position hood support bracket (2).



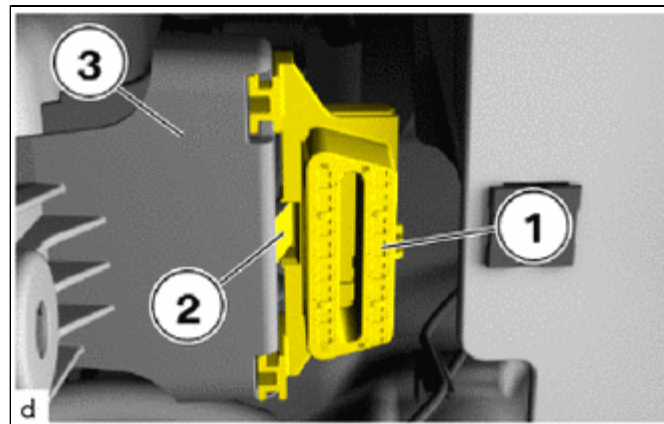
(b) Tighten the T25 screws (1).

Torque:

1.4 N·m {14 kgf·cm, 12 in·lbf}

(c) Clip in and connect hood lock control cable assembly on hood support bracket and on hood release lever.

(d) Feed diagnostic socket (1) into hood support bracket (3) until retaining clip (2) engages.



3. INSTALL COWL SIDE TRIM SUB-ASSEMBLY LH

Click here [INFO](#)

4. INSTALL FRONT DOOR SCUFF PLATE LH

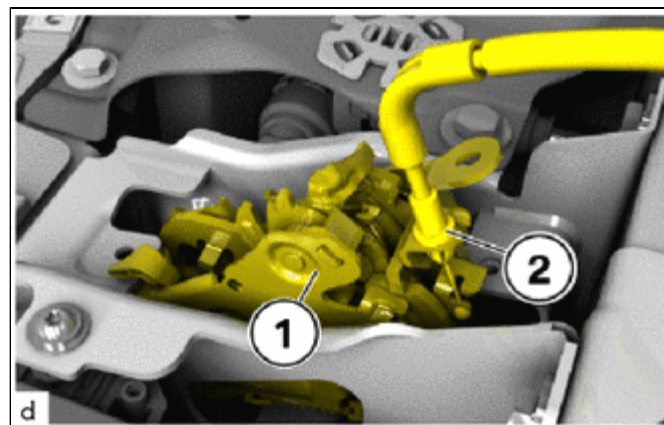
Click here [INFO](#)

5. INSTALL NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

Click here [INFO](#)

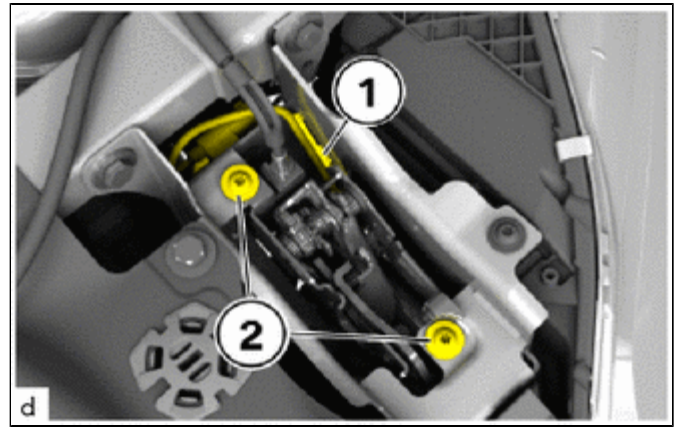
6. INSTALL HOOD LOCK ASSEMBLY

(a) Connect hood lock control cable assembly linkage (2) to the hood lock assembly (1).



(b) Guide in hood lock assembly (1) and position.

(c) Replace T30 screws (2).



(d) Tighten T30 screws (2).

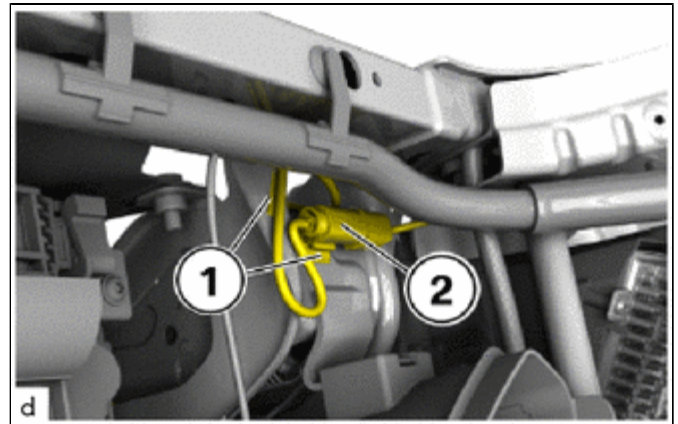
Torque:

8.0 N·m {82 kgf·cm, 71 in·lbf}

(e) Clip in cable with the holder (1).

(f) w/ Pop Up Hood:

(1) Connect connector (2) and lock.



(2) Clip in cable with the holder (1).

7. INSTALL ENGINE HOOD COURTESY SWITCH (HOOD LOCK ASSEMBLY)

Click here [INFO](#)

8. INSTALL COWL VENT COVER LH

Click here [INFO](#)

9. INSTALL FRONT FENDER UPPER PROTECTOR LH

Click here [INFO](#)

10. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

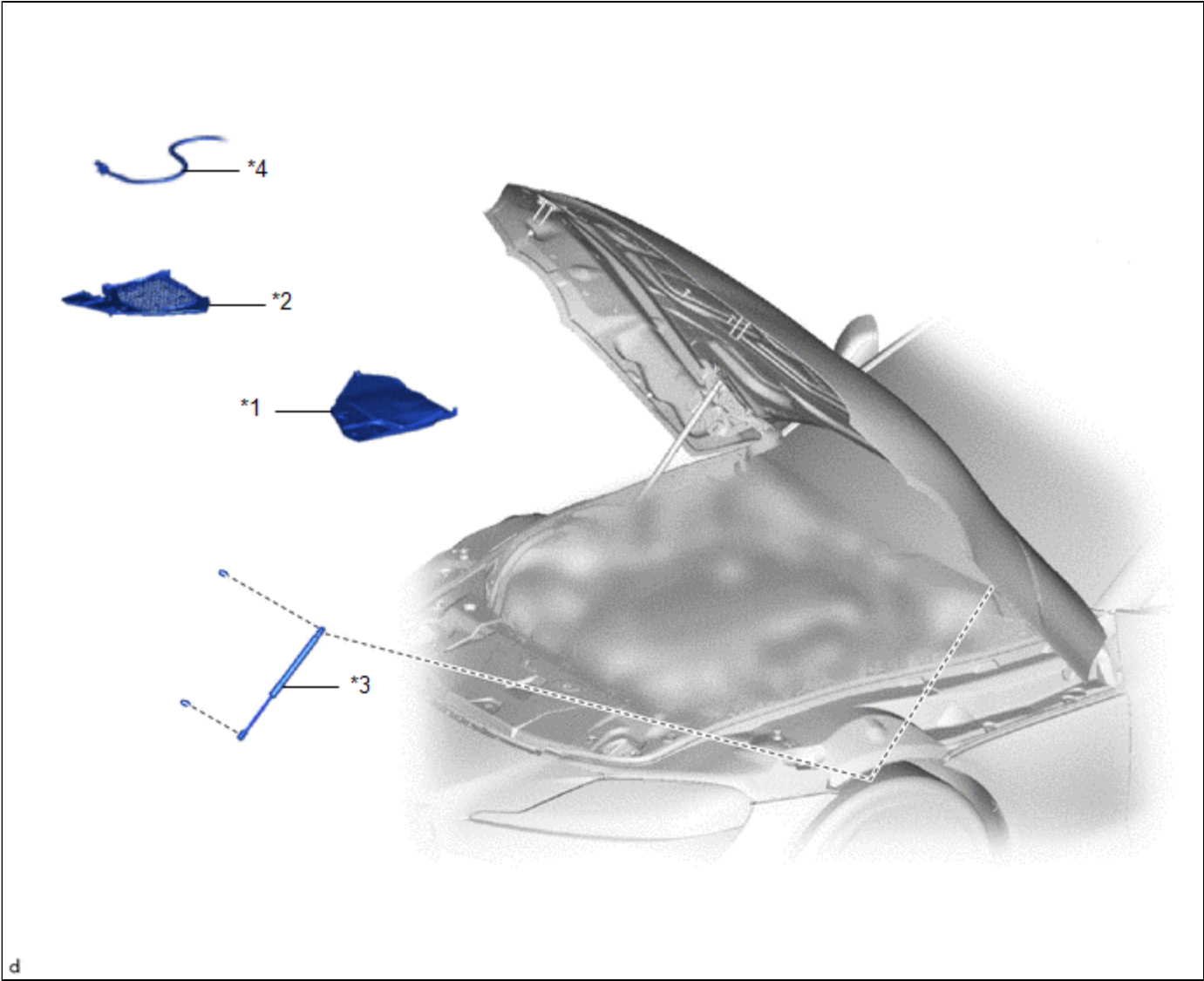
Click here [INFO](#)



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Title: DOOR / HATCH: HOOD SUPPORT: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	COWL VENT COVER LH	*2	COWL VENT COVER RH
*3	HOOD SUPPORT ASSEMBLY	*4	FRONT WASHER NOZZLE AND HOSE ASSEMBLY

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Title: DOOR / HATCH: HOOD SUPPORT: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

HINT:

Description is for left component only. Procedure on the right side is identical.

PROCEDURE

1. REMOVE COWL VENT COVER LH

Click here [INFO](#)

2. REMOVE COWL VENT COVER RH

Click here [INFO](#)

3. REMOVE HOOD SUPPORT ASSEMBLY

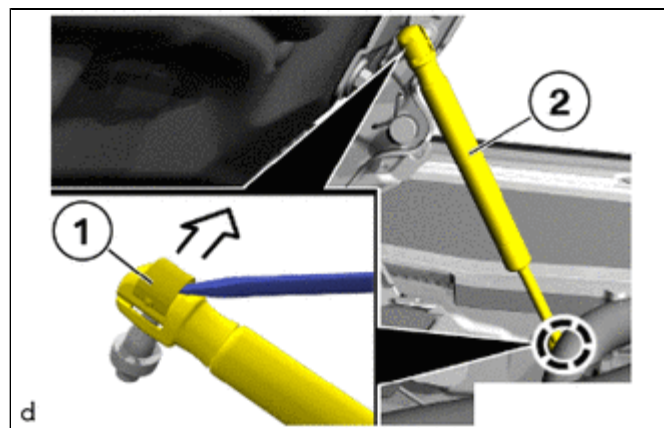
CAUTION:

- Shutting hood sub-assembly or back door panel sub-assembly.

Danger of injury!

- Support hood sub-assembly / back door panel sub-assembly in fully open position with the aid of a suitable device.

(a) Lift the clamp (1) with a screwdriver slightly in the direction of arrow.



(b) Pull ball sockets off from ball studs and remove the hood support assembly (2).

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Title: DOOR / HATCH: HOOD SUPPORT: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

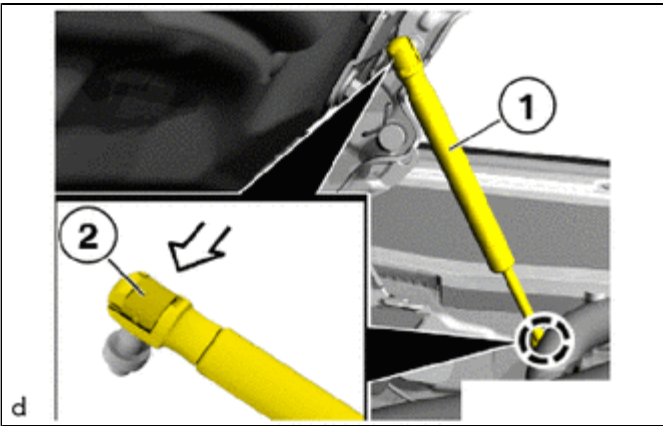
HINT:

Description is for left component only. Procedure on the right side is identical.

PROCEDURE

1. INSTALL HOOD SUPPORT ASSEMBLY

(a) Fit the hood support assembly (1) with the ball sockets on the ball studs and engage with force.



(b) Make sure clamps (2) lock correctly.

2. INSTALL COWL VENT COVER LH

Click here [INFO](#)

3. INSTALL COWL VENT COVER RH

Click here [INFO](#)

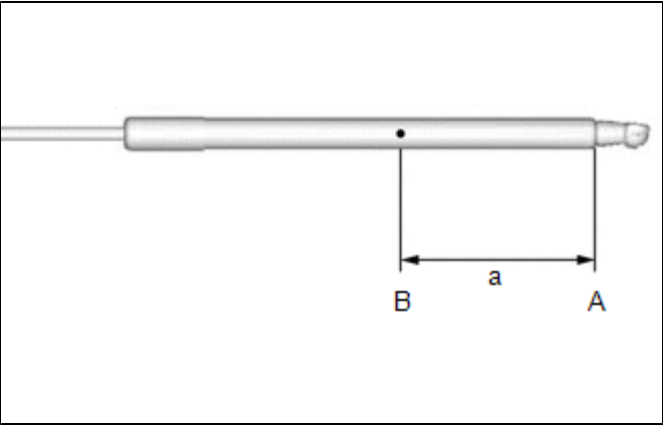
Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCSX
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: DOOR / HATCH: HOOD SUPPORT: DISPOSAL; 2020 MY Supra [03/2019 -]		

DISPOSAL

PROCEDURE

1. DISPOSE OF HOOD SUPPORT ASSEMBLY

- (a) Fully extend the hood support assembly.
- (b) Secure the hood support assembly horizontally in a vise with the piston rod pulled out.
- (c) Wearing protective glasses, extend the piston rod and cover it with a cloth. At position B, located 50.0 mm (1.97 in.) from position A shown in the illustration, use a metal saw to cut a hole and release the gas.

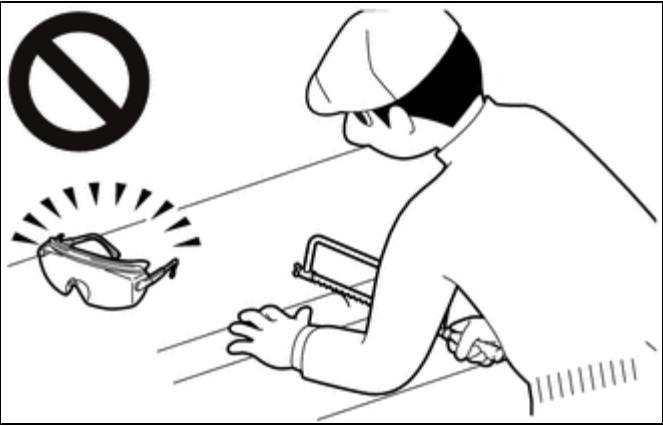


Specification:

AREA	MEASUREMENT
a	50.0 mm (1.97 in.)

CAUTION:

Always use proper safety equipment and be careful when drilling because shards of metal way fly about.



HINT:

The gas is colorless, odorless and non-poisonous.