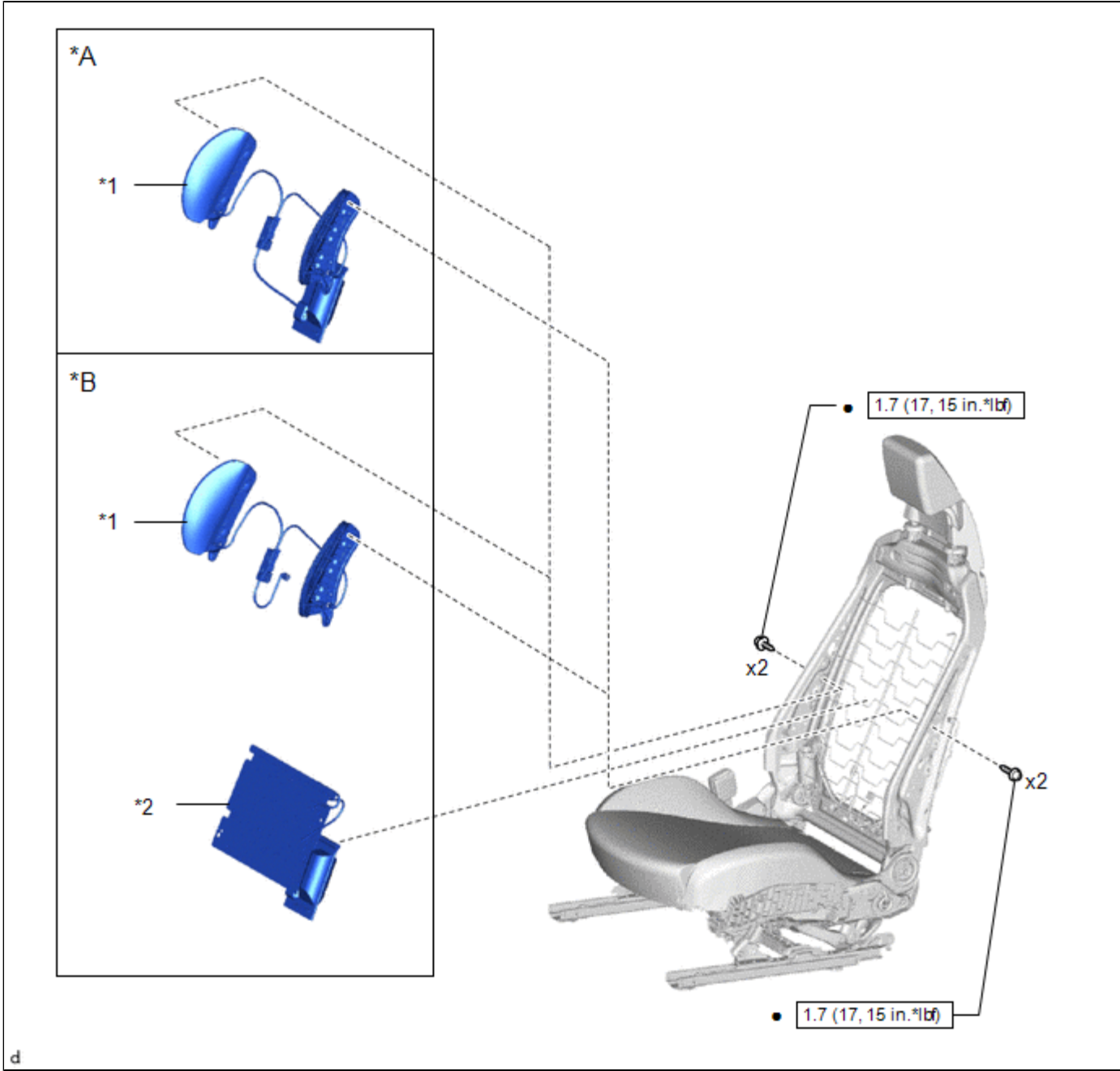


Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3N
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: BACK SIDE SUPPORT ADJUSTER ASSEMBLY: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*A	w/o Lumbar Support	*B	w/ Lumbar Support
*1	SEATBACK SIDE SUPPORT ADJUSTER ASSEMBLY	*2	LUMBAR SUPPORT ADJUSTER ASSEMBLY
	N*m (kgf*cm, ft.*lbf): Specified torque		Non-reusable part

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3O
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: BACK SIDE SUPPORT ADJUSTER ASSEMBLY: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!



- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- 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:

Click here [INFO](#)

- Wear protective gloves. Sharp areas on the parts may injure your hands.

NOTICE:

- Before performing work on electronic components, disconnect the cable from the negative (-) battery terminal to prevent damage to the electrical system or components.
- When disconnecting the cable, turn the START-STOP button (engine switch) and headlight switch off and loosen the cable nut completely. Perform these operations without twisting or prying on the cable. Then disconnect the cable.
- Clock settings, radio settings, audio system memory, DTCs and other data will be cleared when the cable is disconnected from the negative (-) battery terminal. Write down any necessary data before disconnecting the cable.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. REMOVE SEPARATE TYPE FRONT SEATBACK COVER WITH PAD (for Manual Seat)

Click here [INFO](#)

2. REMOVE SEPARATE TYPE FRONT SEATBACK COVER WITH PAD (for Power Seat)

Click here [INFO](#)

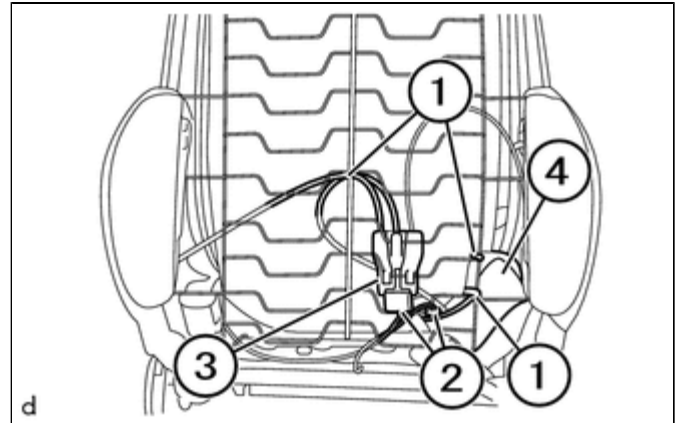
3. REMOVE LUMBAR SUPPORT ADJUSTER ASSEMBLY (w / Lumbar Support)

Click here [INFO](#)

4. REMOVE SEATBACK SIDE SUPPORT ADJUSTER ASSEMBLY

(a) w/o Lumbar Support:

(1) Remove the tie band (1).



(2) Disconnect the connectors (2).

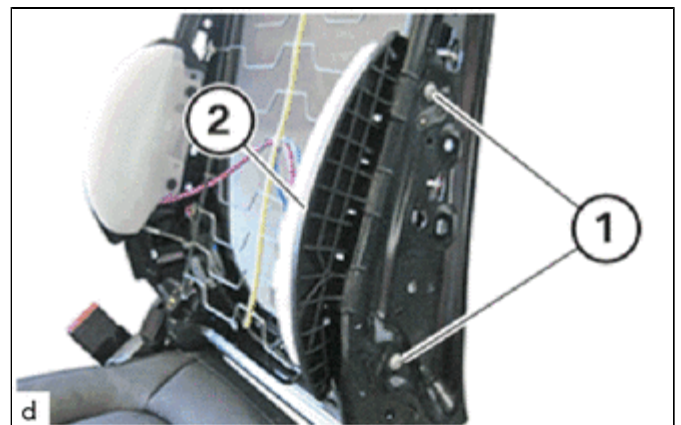
(3) Remove the valve unit (3) from the spring wire.

(4) Remove the pump (4).

(b) Loosen the T20 screws (1) to remove the air cushion of seatback side support adjuster assembly (2).

HINT:

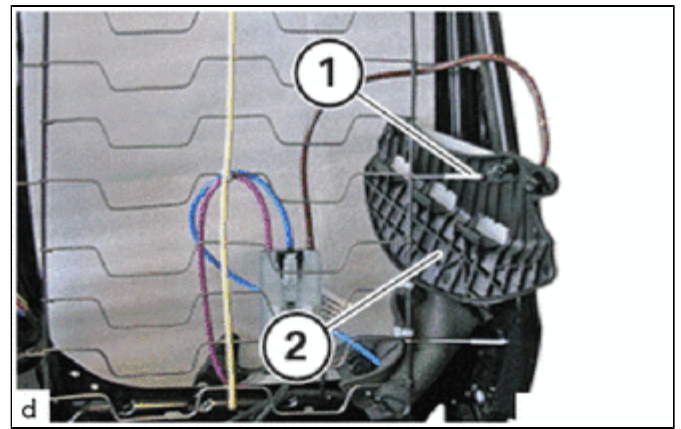
Use the same procedure for the opposite side.



(c) Detach the spring wire (1) from the separate type front seatback spring assembly.

HINT:

Use the same procedure for the opposite side.



(d) Pass the air cushion of seatback side support adjuster assembly (2) through backwards.

HINT:

Use the same procedure for the opposite side.

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3P
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: BACK SIDE SUPPORT ADJUSTER ASSEMBLY: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

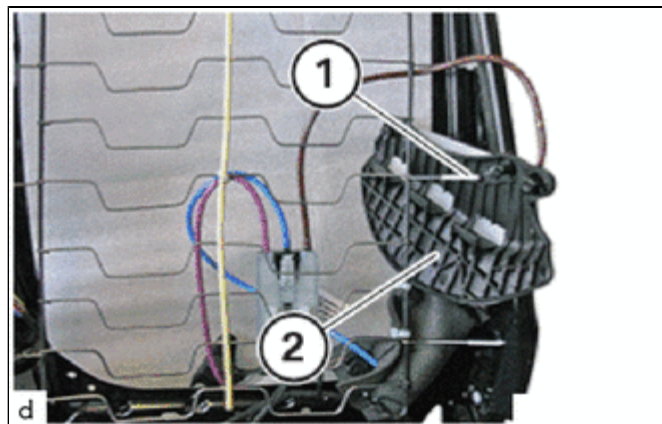
PROCEDURE

1. INSTALL SEATBACK SIDE SUPPORT ADJUSTER ASSEMBLY

- (a) Pass the air cushion of seatback side support adjuster assembly (2) through forwards.

HINT:

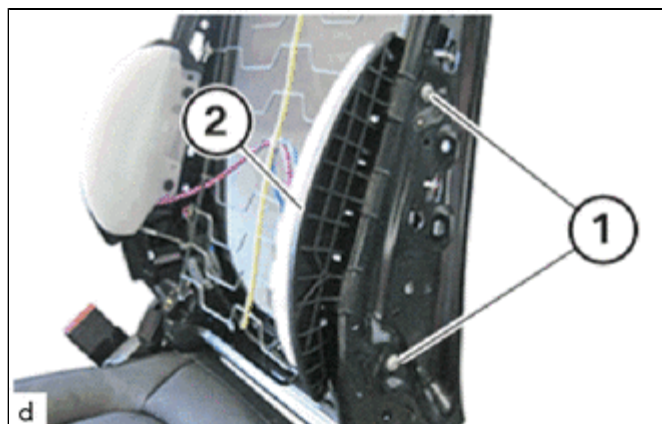
Use the same procedure for the opposite side.



- (b) Attach the spring wire (1) to the separate type front seatback spring assembly.

HINT:

Use the same procedure for the opposite side.



- (c) Replace the T20 screws (1).

(d) Tighten the T20 screws (1) to install the air cushion of seatback side support adjuster assembly (2).

Torque:

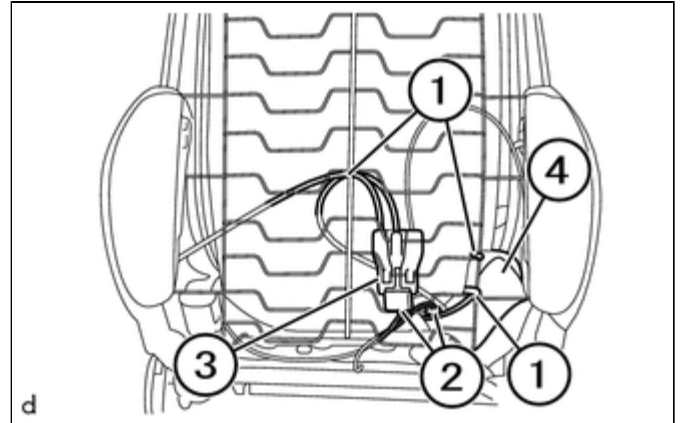
1.7 N·m {17 kgf·cm, 15 in·lbf}

HINT:

Use the same procedure for the opposite side.

(e) w/o Lumbar Support:

(1) Install the pump (4).



(2) Install the valve unit (3) to the spring wire.

(3) Connect the connectors (2).

(4) Install the tie band (1).

2. INSTALL LUMBAR SUPPORT ADJUSTER ASSEMBLY (w / Lumbar Support)

Click here [INFO](#)

3. INSTALL SEPARATE TYPE FRONT SEATBACK COVER WITH PAD (for Manual Seat)

Click here [INFO](#)

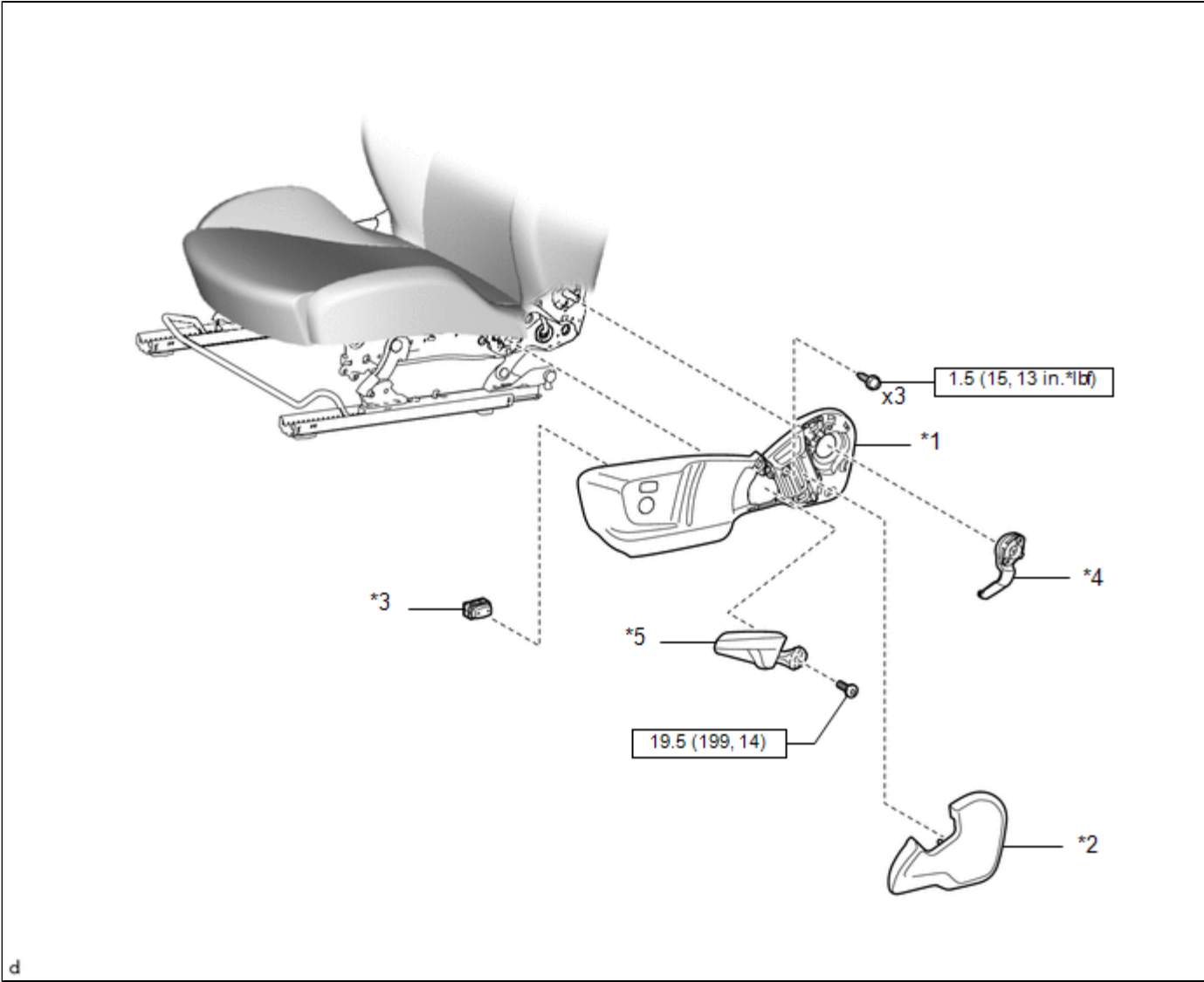
4. INSTALL SEPARATE TYPE FRONT SEATBACK COVER WITH PAD (for Power Seat)

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD45
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: BACK SIDE SUPPORT SWITCH: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	FRONT SEAT CUSHION SHIELD	*2	FRONT SEAT SIDE SHIELD
*3	FRONT SEATBACK SUPPORT POWER SEAT SWITCH	*4	RECLINING CONTROL LINK SUB-ASSEMBLY
*5	VERTICAL ADJUSTING HANDLE	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD46
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: BACK SIDE SUPPORT SWITCH: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!



- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- 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:

Click here [INFO](#)

- Wear protective gloves. Sharp areas on the parts may injure your hands.

NOTICE:

- Before performing work on electronic components, disconnect the cable from the negative (-) battery terminal to prevent damage to the electrical system or components.
- When disconnecting the cable, turn the START-STOP button (engine switch) and headlight switch off and loosen the cable nut completely. Perform these operations without twisting or prying on the cable. Then disconnect the cable.
- Clock settings, radio settings, audio system memory, DTCs and other data will be cleared when the cable is disconnected from the negative (-) battery terminal. Write down any necessary data before disconnecting the cable.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. REMOVE FRONT SEAT ASSEMBLY

Click here [INFO](#)

2. REMOVE FRONT SEAT SIDE SHIELD

Click here [INFO](#)

3. REMOVE NO. 2 RECLINING ADJUSTER RELEASE ARM

Click here [INFO](#)

4. REMOVE VERTICAL ADJUSTING HANDLE

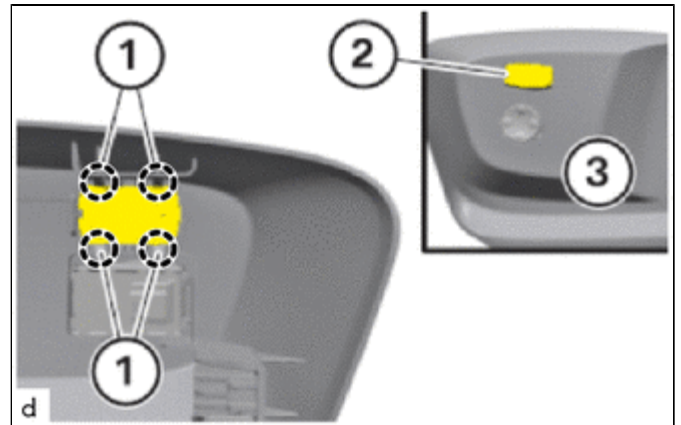
Click here [INFO](#)

5. REMOVE FRONT SEAT CUSHION SHIELD

Click here [INFO](#)

6. REMOVE FRONT SEATBACK SUPPORT POWER SEAT SWITCH

(a) Detach the claws (1).



(b) Remove the front seatback support power seat switch (2) from the front seat cushion shield (3).



TOYOTA

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD47
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: BACK SIDE SUPPORT SWITCH: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

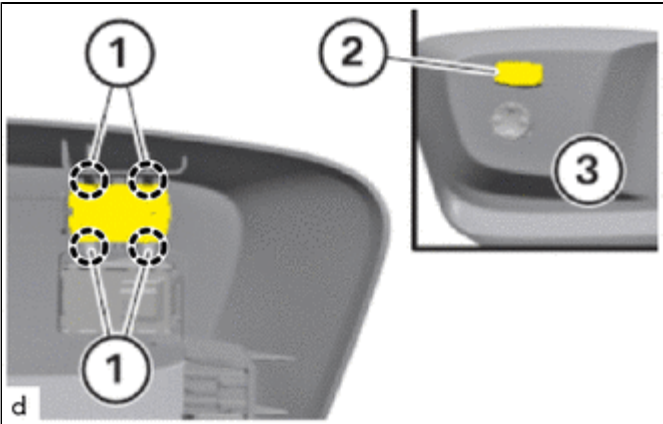
PROCEDURE

1. INSTALL FRONT SEATBACK SUPPORT POWER SEAT SWITCH

(a) Attach the claws (1) to install the front seatback support power seat switch (2) to the front seat cushion shield (3).

NOTICE:

Check the attaching sound of the claws (1).



2. INSTALL FRONT SEAT CUSHION SHIELD

Click here [INFO](#)

3. INSTALL VERTICAL ADJUSTING HANDLE

Click here [INFO](#)

4. INSTALL NO. 2 RECLINING ADJUSTER RELEASE ARM

Click here [INFO](#)

5. INSTALL FRONT SEAT SIDE SHIELD

Click here [INFO](#)

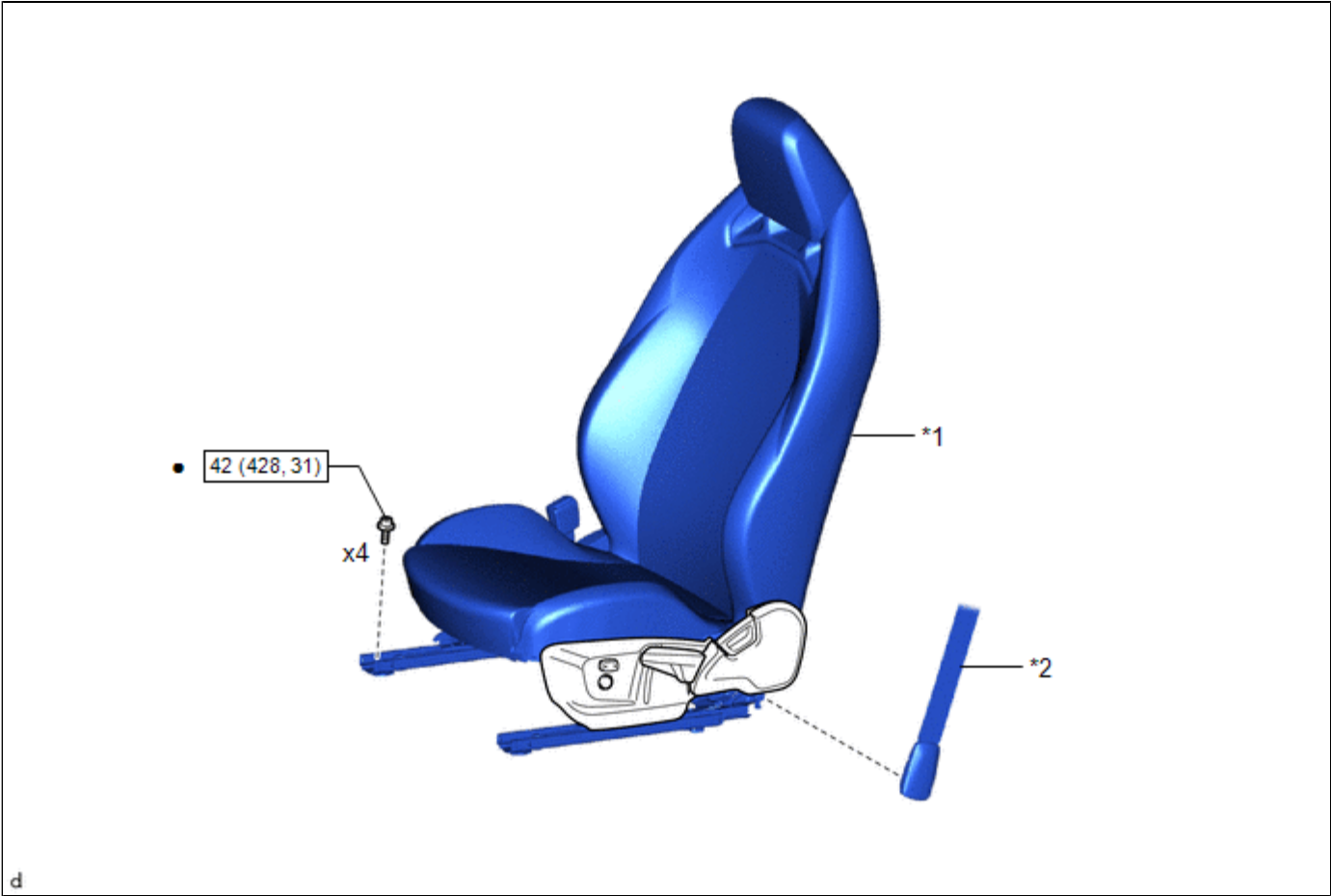
6. INSTALL FRONT SEAT ASSEMBLY

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD31
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): COMPONENTS; 2020 MY Supra [03/2019 -]		

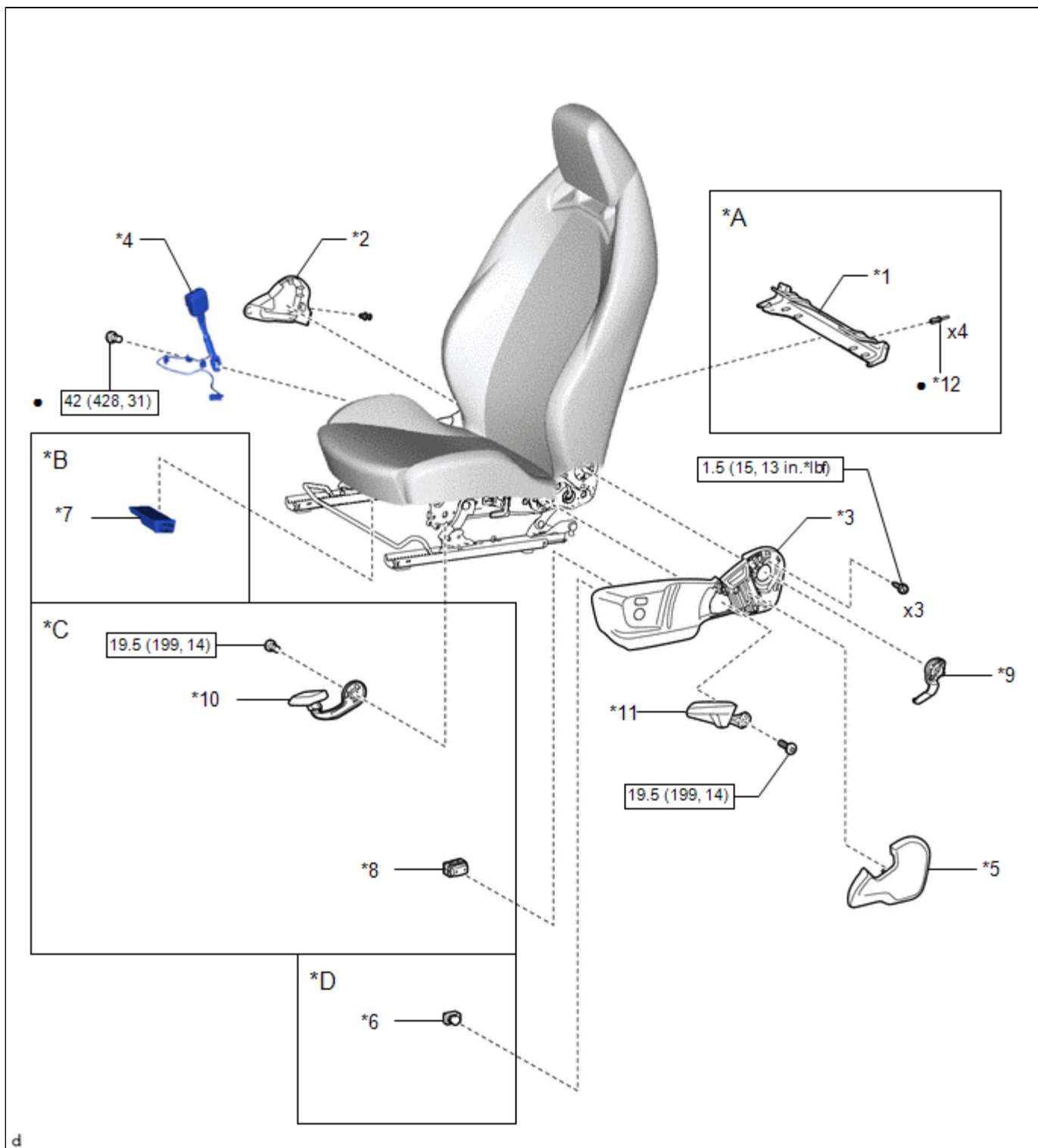
COMPONENTS

ILLUSTRATION



*1	FRONT SEAT ASSEMBLY	*2	FRONT SEAT OUTER BELT ASSEMBLY
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

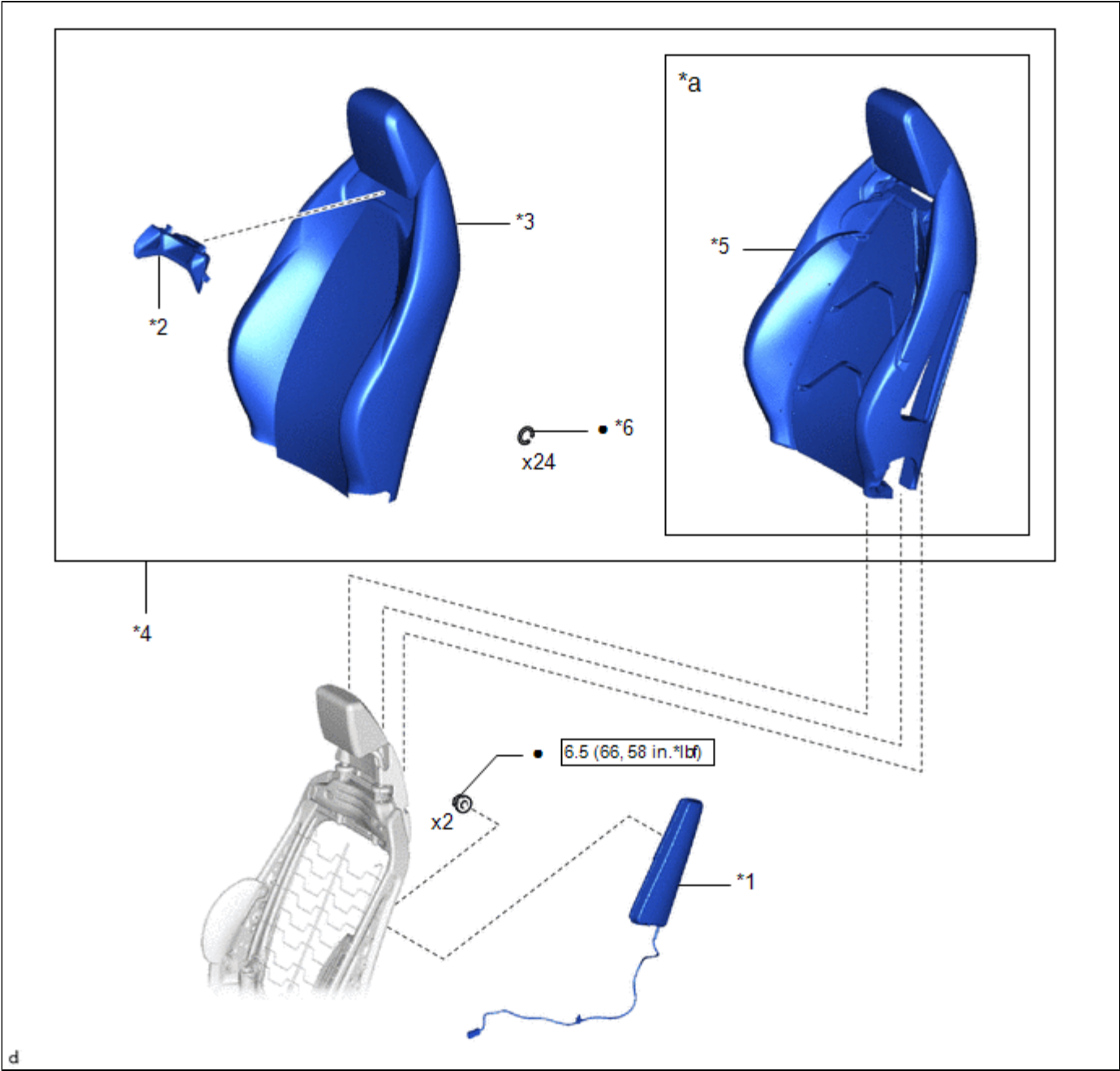
ILLUSTRATION



*A	w/ Bracket	*B	w/ Occupant Detection ECU
*C	w/ Back Side Support Adjuster	*D	w/ Lumbar Support
*1	CHILD RESTRAINT SEAT ANCHOR BRACKET	*2	FRONT SEAT CUSHION INNER SHIELD
*3	FRONT SEAT CUSHION SHIELD	*4	FRONT SEAT INNER BELT ASSEMBLY
*5	FRONT SEAT SIDE SHIELD	*6	FRONT LUMBAR SUPPORT POWER SEAT SWITCH
*7	OCCUPANT DETECTION ECU	*8	FRONT SEATBACK SUPPORT POWER SEAT SWITCH

*9	NO. 2 RECLINING ADJUSTER RELEASE ARM	*10	SEAT LIFTER LEVER SUB-ASSEMBLY
*11	VERTICAL ADJUSTING HANDLE	*12	RIVET
	N*m (kgf*cm, ft.*lbf): Specified torque	●	Non-reusable part

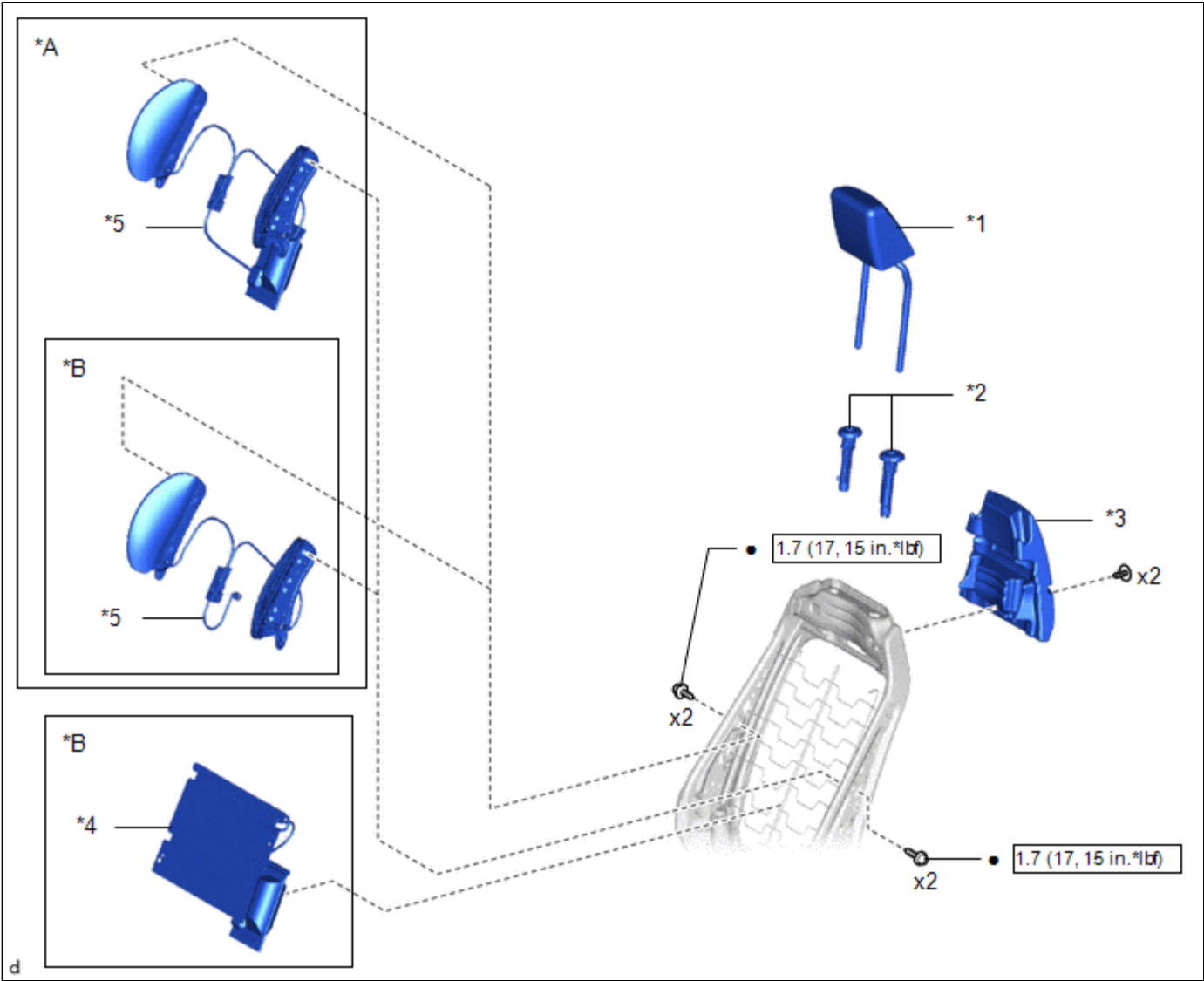
ILLUSTRATION



*1	FRONT SEAT AIRBAG ASSEMBLY	*2	FRONT SEATBACK GARNISH
*3	SEPARATE TYPE FRONT SEATBACK COVER	*4	SEPARATE TYPE FRONT SEATBACK COVER WITH PAD

*5	SEPARATE TYPE FRONT SEATBACK PAD WITH HEATER ASSEMBLY	*6	HOG RING
*a	When Reusing the Separate Type Front Seatback Pad with Heater Assembly	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

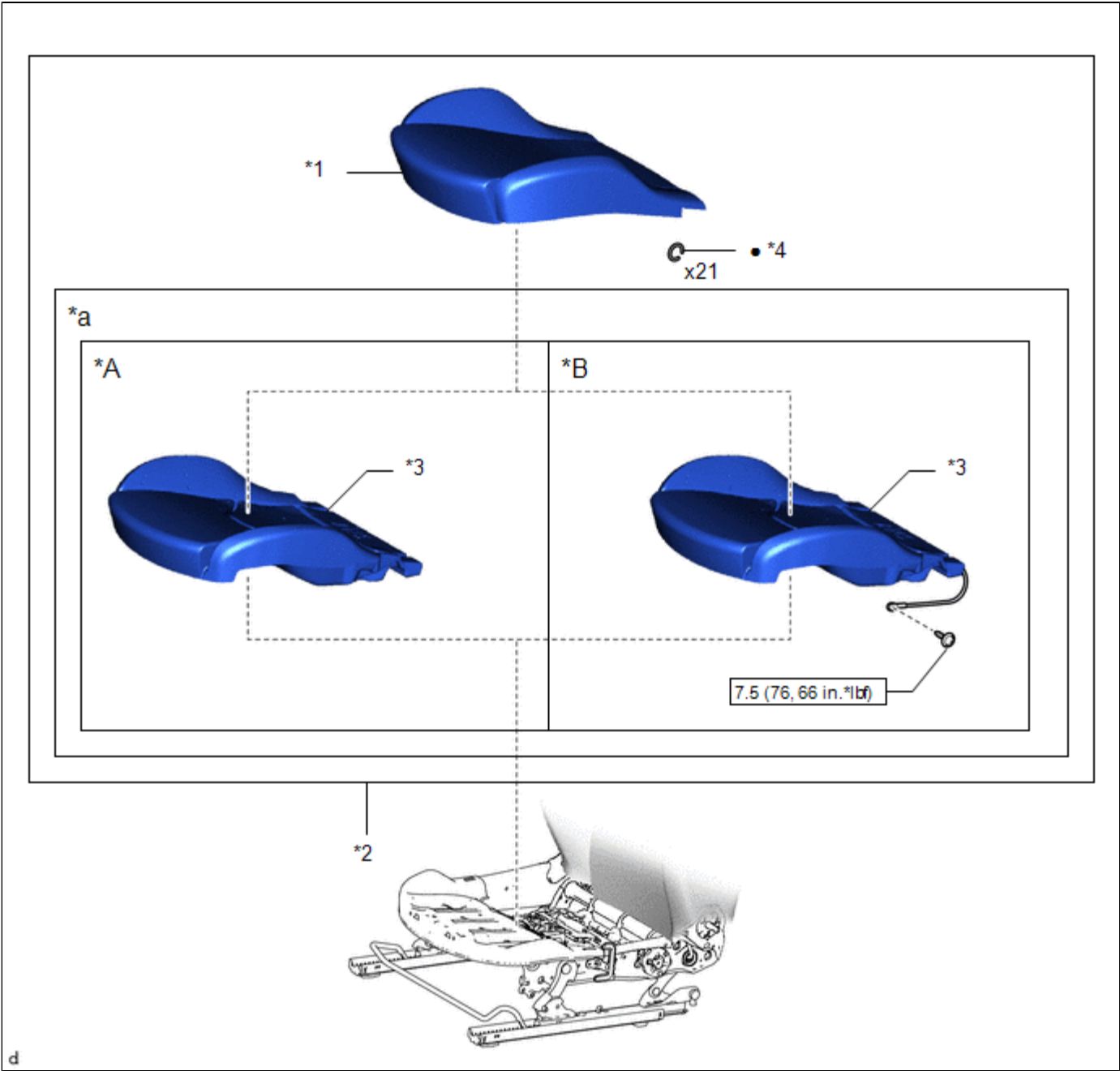
ILLUSTRATION



*A	w/ Back Side Support Adjuster	*B	w/ Lumbar Support
*1	FRONT SEAT HEADREST ASSEMBLY	*2	FRONT SEAT HEADREST SUPPORT
*3	FRONT SEATBACK BOARD	*4	LUMBAR SUPPORT ADJUSTER ASSEMBLY
*5	SEATBACK SIDE SUPPORT ADJUSTER ASSEMBLY	-	-

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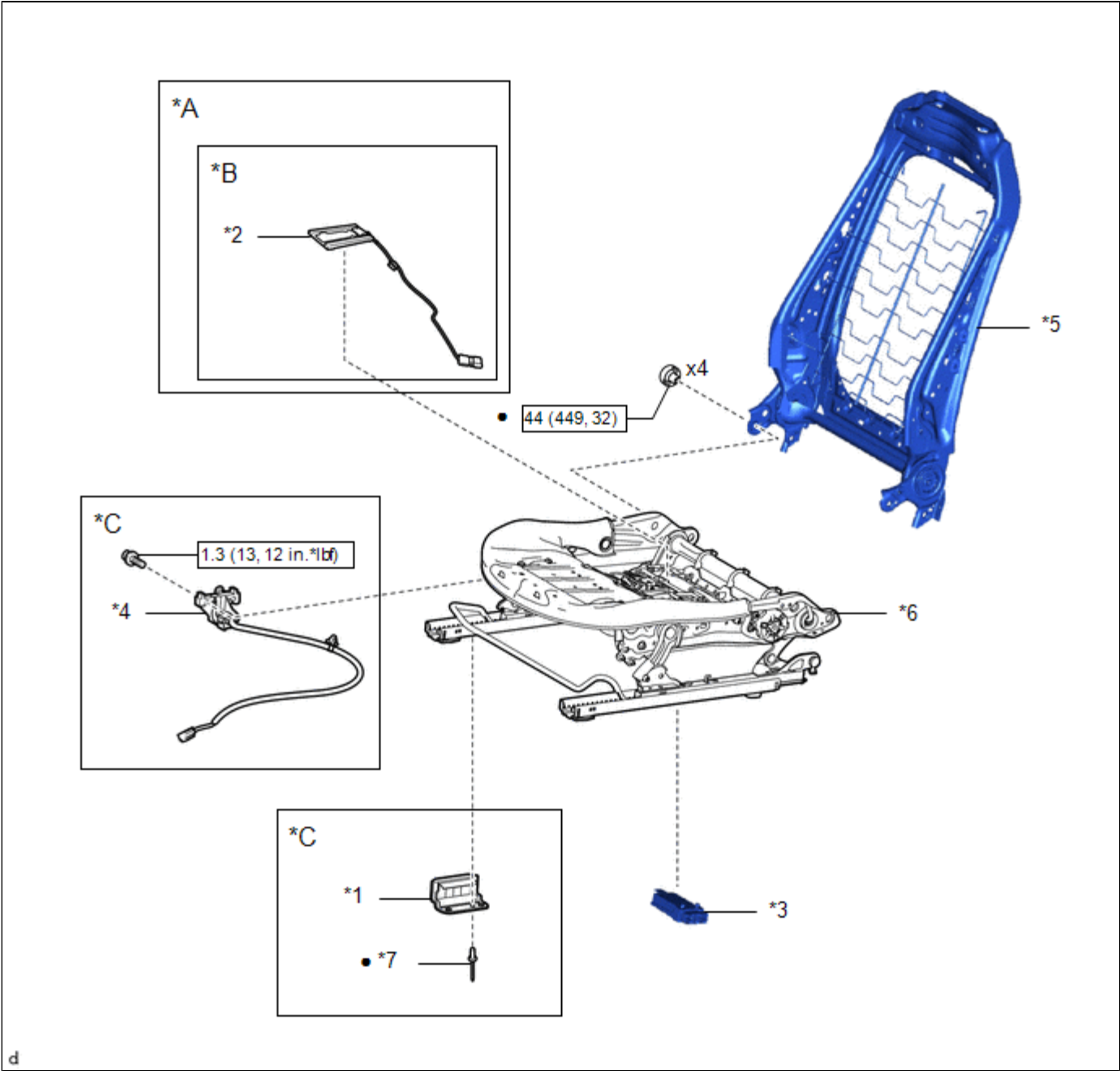
ILLUSTRATION



*A	w/o Occupant Detection ECU	*B	w/ Occupant Detection ECU
*1	SEPARATE TYPE FRONT SEAT CUSHION COVER	*2	SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD
*3	SEPARATE TYPE FRONT SEAT CUSHION PAD WITH HEATER ASSEMBLY	*4	HOG RING
	When Reusing the Saperate Type		

*a	Front Seat Cushion Pad with Heater Assembly	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

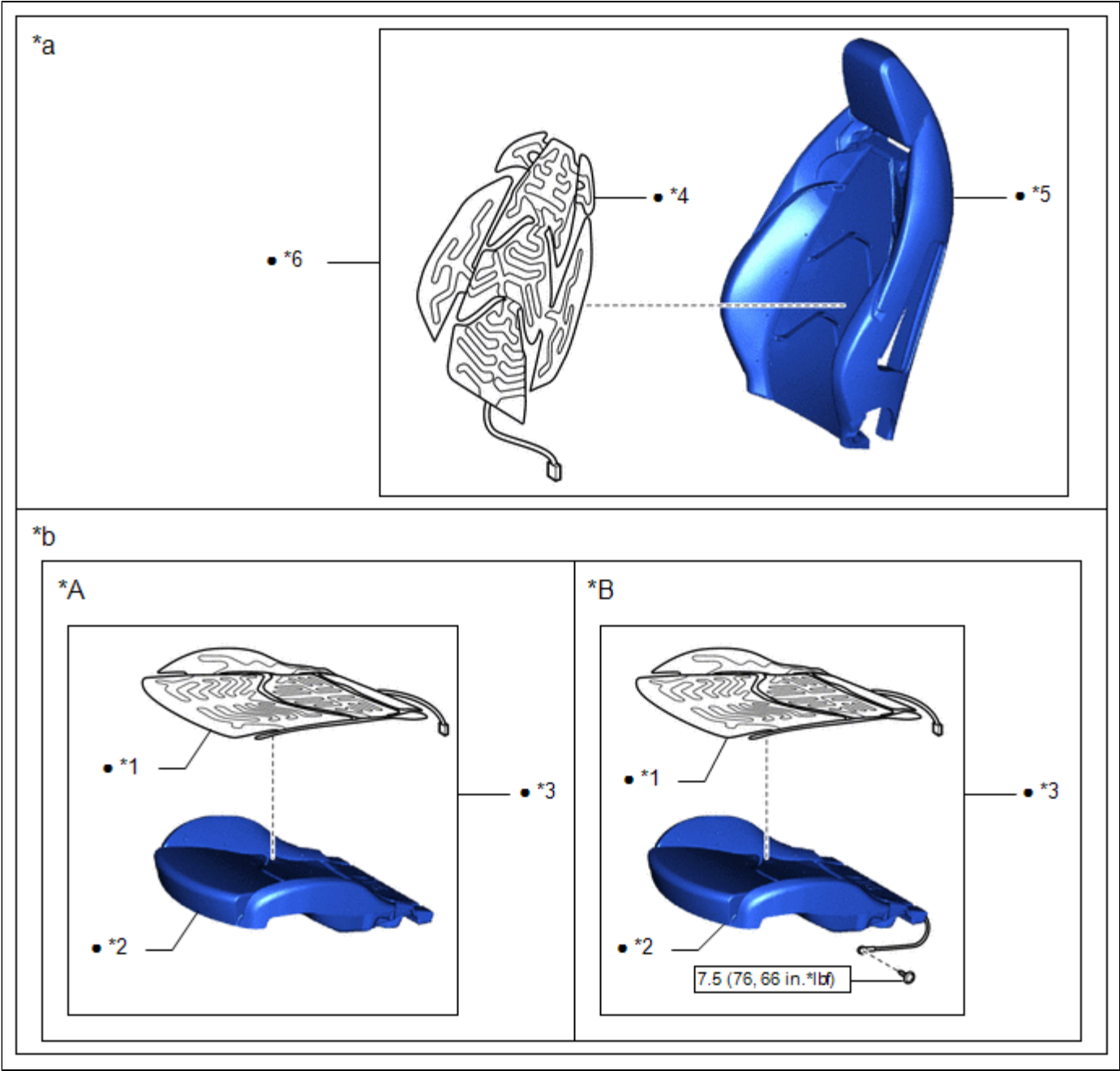
ILLUSTRATION



*A	for Front Passenger Side	*B	w/o Occupant Detection ECU
*C	w/ Seat Position Airbag Sensor	-	-
*1	SEAT POSITION SENSOR MAGNET	*2	BELT WARNING OCCUPANT DETECTION SENSOR
*3	SEAT HEATER CONTROL SUB-ASSEMBLY	*4	SEAT POSITION AIRBAG SENSOR

*5	SEPARATE TYPE FRONT SEATBACK SPRING ASSEMBLY	*6	FRONT SEAT ADJUSTER ASSEMBLY
*7	RIVET	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	●	Non-reusable part

ILLUSTRATION



*A	w/o Occupant Detection ECU	*B	w/ Occupant Detection ECU
*1	FRONT SEAT CUSHION HEATER ASSEMBLY	*2	SEPARATE TYPE FRONT SEAT CUSHION PAD
*3	SEPARATE TYPE FRONT SEAT CUSHION PAD WITH HEATER	*4	FRONT SEATBACK HEATER ASSEMBLY

	ASSEMBLY		
*5	SEPARATE TYPE FRONT SEATBACK PAD	*6	SEPARATE TYPE FRONT SEATBACK PAD WITH HEATER ASSEMBLY
*a	When Replacing the Front Seatback Heater Assembly	*b	When Replacing the Front Seat Cushion Heater Assembly
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD32
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

NOTICE:

- Before performing work on electronic components, disconnect the cable from the negative (-) battery terminal to prevent damage to the electrical system or components.
- When disconnecting the cable, turn the START-STOP button (engine switch) and headlight switch off and loosen the cable nut completely. Perform these operations without twisting or prying on the cable. Then disconnect the cable.
- Clock settings, radio settings, audio system memory, DTCs and other data will be cleared when the cable is disconnected from the negative (-) battery terminal. Write down any necessary data before disconnecting the cable.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. DISCONNECT FRONT SEAT OUTER BELT ASSEMBLY

Click here [INFO](#)

2. REMOVE FRONT SEAT ASSEMBLY

CAUTION:

- Airbag unit.

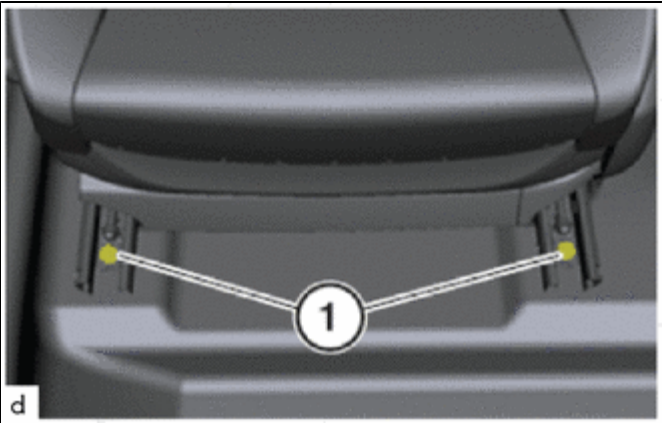
Danger! Life-threatening injuries!



- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- 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:

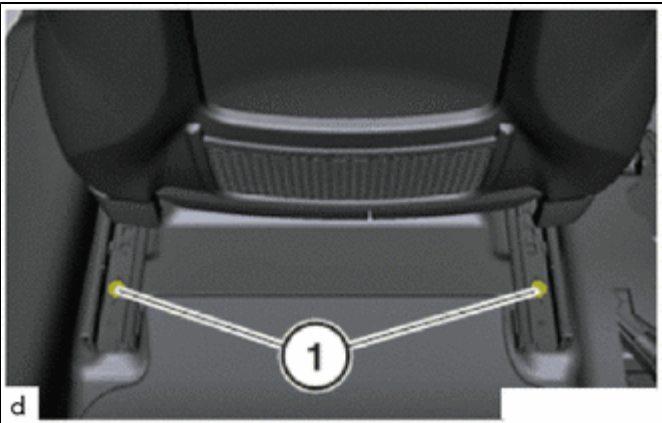
Click here

(a) Move the front seat assembly to the rearmost position.



(b) Loosen the T50 bolts (1).

(c) Move the front seat assembly to the foremost position.



(d) Loosen the T50 bolts (1).

(e) Move the steering column (1) completely forwards and upwards.



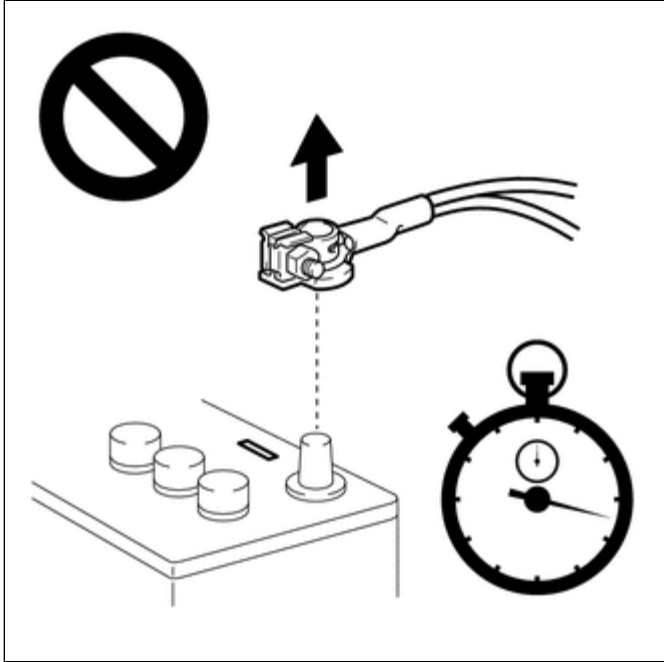
	Move in this Direction
--	-------------------------------

- (f) Move the front seat assembly (2) to the foremost position.
- (g) Move the seatback (3) as shown in the illustration.
- (h) Disconnect the cable from the negative (-) battery terminal.

Click here [INFO](#)

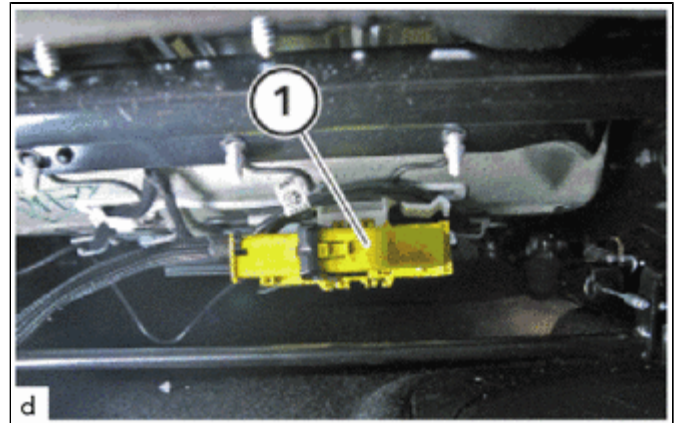
CAUTION:

- 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.



- (i) Cover the front door scuff plate with protective covers.

- (j) Tilt the front seat assembly backwards to disconnect the connector (1).



- (k) Remove the front seat assembly with another person.

NOTICE:

- Heavy component.

Heavy components can lead to injury or damage.

- Remove and install heavy components with the aid of another person/other persons.

- Protect the front seat leg.
- Be careful not to damage the front seat assembly, body exterior or body interior.



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD33
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): DISASSEMBLY; 2020 MY Supra [03/2019 -]		

DISASSEMBLY

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. REMOVE OCCUPANT DETECTION ECU (w / Occupant Detection ECU)

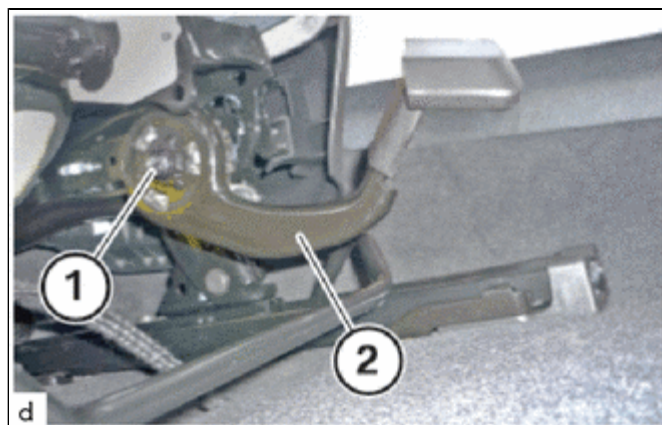
Click here [INFO](#)

2. REMOVE FRONT SEAT INNER BELT ASSEMBLY

Click here [INFO](#)

3. REMOVE SEAT LIFTER LEVER SUB-ASSEMBLY (w / Back Side Support Adjuster)

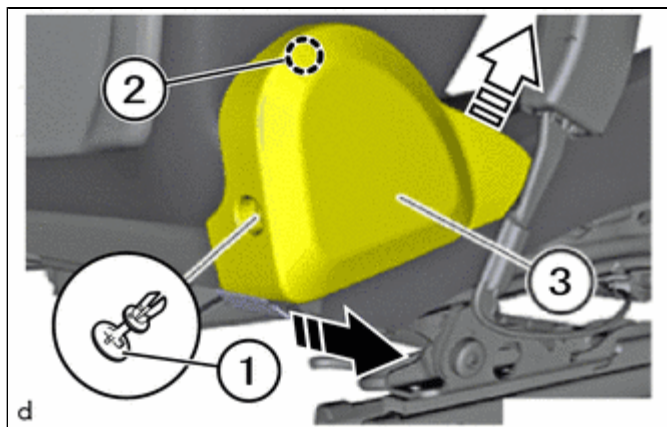
(a) Loosen the screw (1).



(b) Remove the seat lifter lever sub-assembly (2).

4. REMOVE FRONT SEAT CUSHION INNER SHIELD

(a) Remove the clip (1).

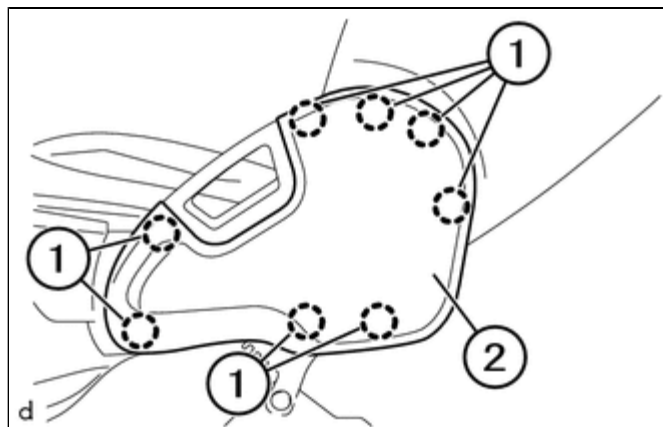


	Remove in this Direction (1)
	Remove in this Direction (2)

(b) Detach the guide (2) to remove the front seat cushion inner shield (3) in the direction of the arrow.

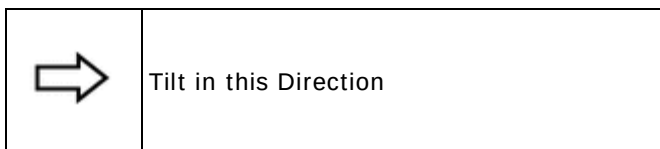
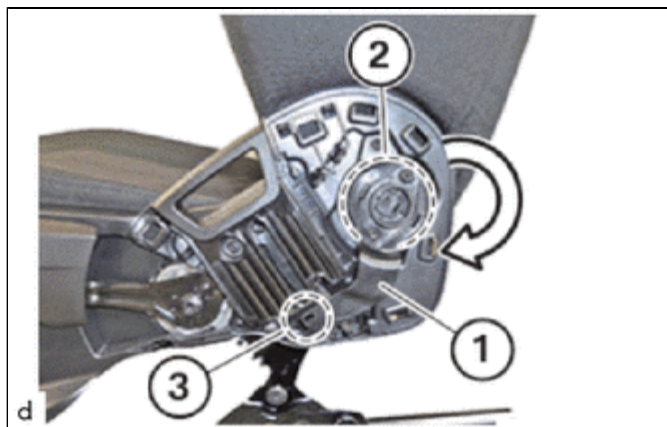
5. REMOVE FRONT SEAT SIDE SHIELD

(a) Detach the claws (1) to remove the front seat side shield (2).



6. REMOVE NO. 2 RECLINING ADJUSTER RELEASE ARM

(a) Detach the No. 2 reclining adjuster release arm (1) in the marked area (2) carefully.

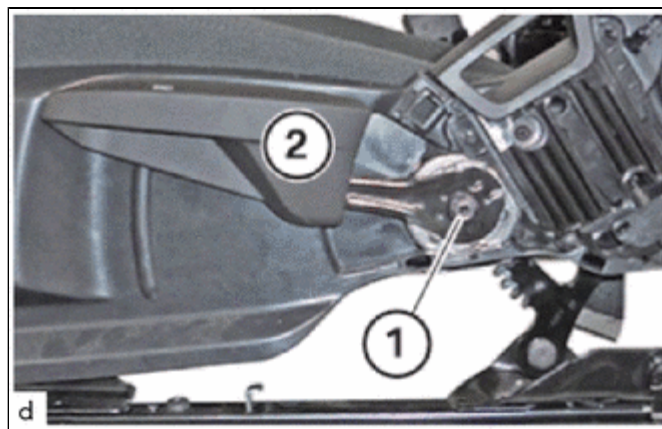


(b) Tilt the No. 2 reclining adjuster release arm (1) carefully in the direction of the arrow.

(c) Detach the guide (3) to remove the No. 2 reclining adjuster release arm (1).

7. REMOVE VERTICAL ADJUSTING HANDLE

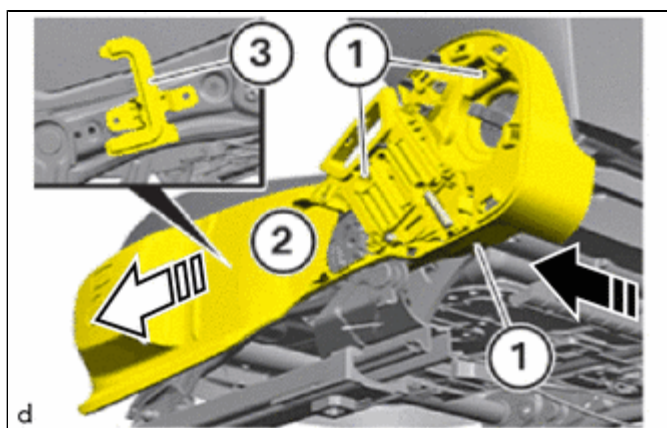
(a) Loosen the T45 screw (1).



(b) Remove the vertical adjusting handle (2).

8. REMOVE FRONT SEAT CUSHION SHIELD

(a) Loosen the T20 screws (1).



	Remove in this Direction (1)
	Remove in this Direction (2)

(b) Remove the front seat cushion shield (2) from the No. 2 front seat side shield bracket (3) in the direction of the arrow.

(c) w/ Lumbar Support:

(1) Disconnect the connector.

(d) w/ Back Side Support Adjuster:

(1) Disconnect the connector.

9. REMOVE FRONT LUMBAR SUPPORT POWER SEAT SWITCH (w / Lumbar Support)

Click here [INFO](#)

10. REMOVE FRONT SEATBACK SUPPORT POWER SEAT SWITCH (w / Back Side Support Adjuster)

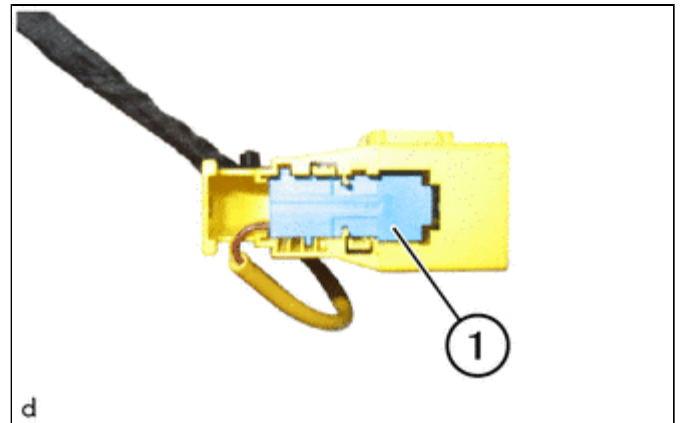
Click here [INFO](#)

11. REMOVE CHILD RESTRAINT SEAT ANCHOR BRACKET (w / Bracket)

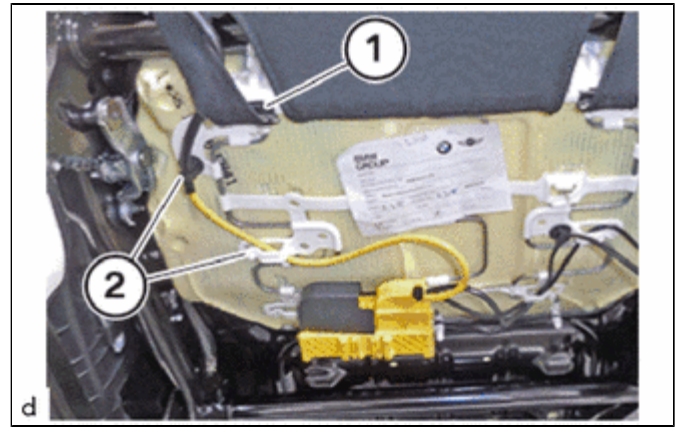
Click here [INFO](#)

12. REMOVE FRONT SEAT AIRBAG ASSEMBLY

(a) Disconnect the connector (1) from the connector housing.



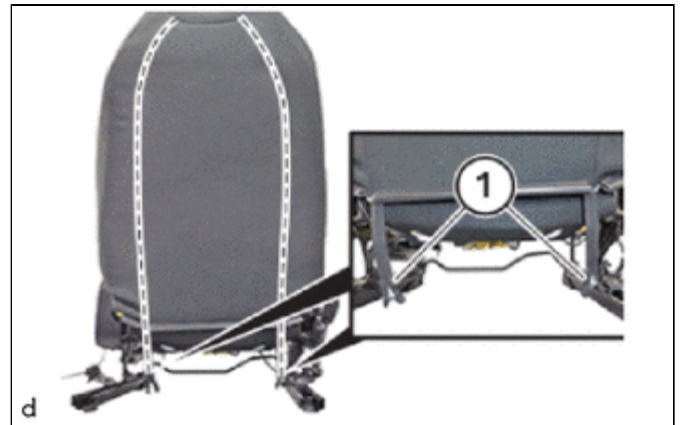
(b) Detach the separate type front seat cushion cover (1).



(c) Detach the clamps (2).



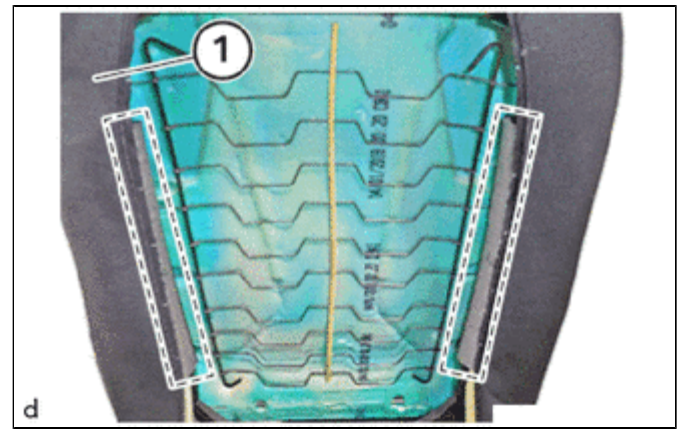
(d) Detach the separate type front seatback cover (1) in the marked area.



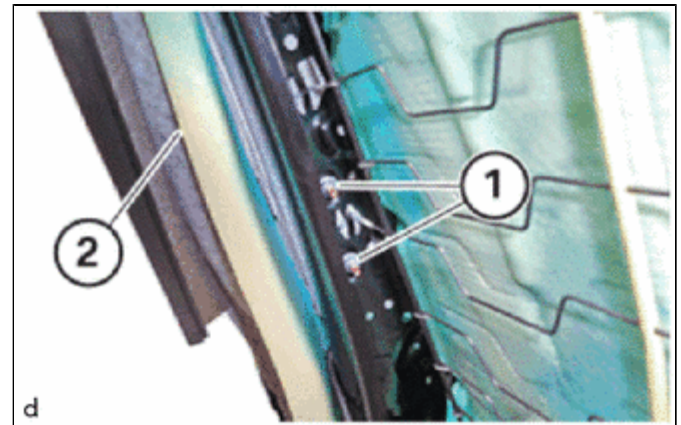
(e) Using a special tool 0 490 472 (00 5 020), open the fasteners (1) in the marked area.

SST: 09300-WA180

- (f) Detach the separate type front seatback cover (1) in the marked area.

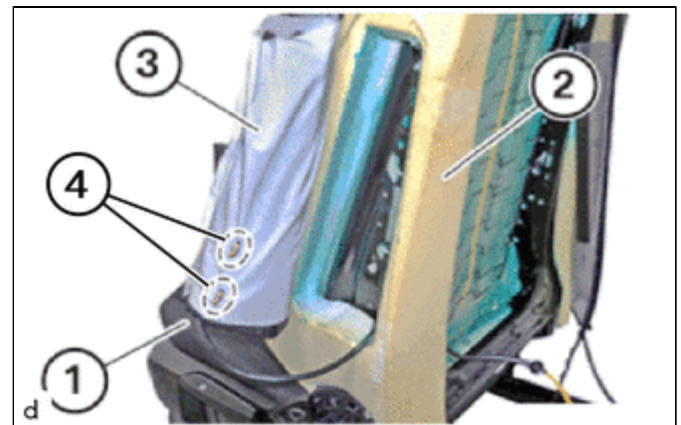


- (g) Loosen the nuts (1).



- (h) Fold the separate type front seatback cover with pad (2) to the side.

- (i) Pull the front seat airbag assembly (1) carefully from the separate type front seatback pad (2).



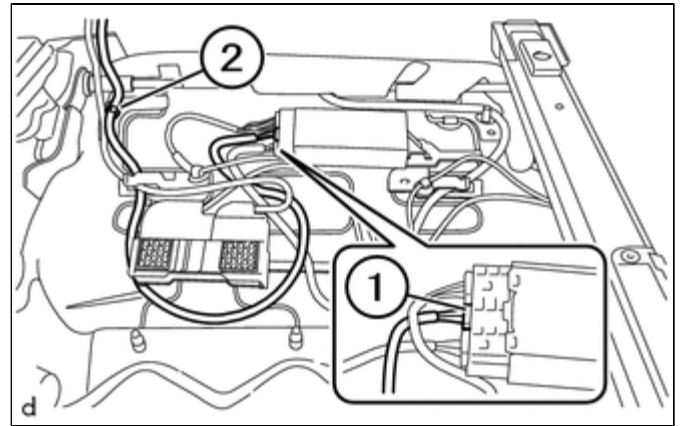
- (j) Remove the front seat airbag assembly (1) out carefully from the pocket in the separate type front seatback cover (3).

NOTICE:

Make sure that the stud bolts (4) do not damage the pocket in the separate type front seatback cover.

13. REMOVE SEPARATE TYPE FRONT SEATBACK COVER WITH PAD

(a) Disconnect the connector (1).

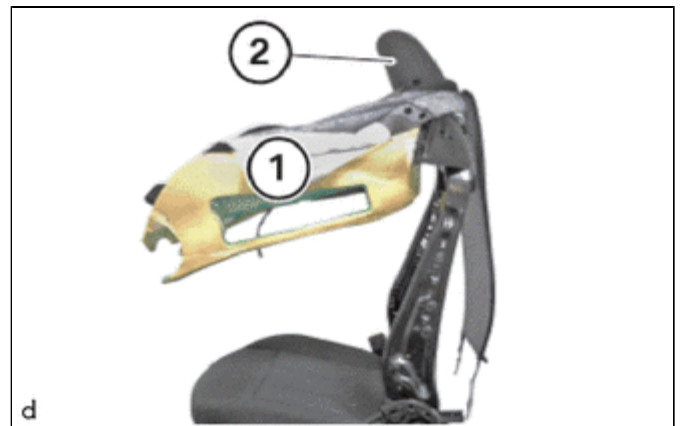


(b) Detach the clamp (2).

(c) Position the separate type front seatback cover with pad (1) as illustrated.

NOTICE:

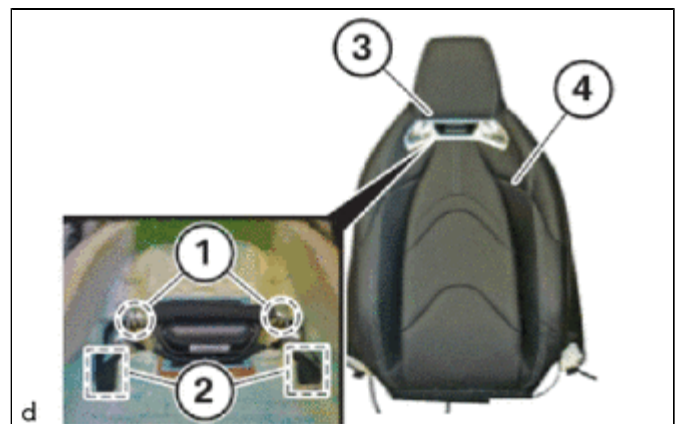
Handle the separate type front seatback cover with pad (1) carefully to avoid damage.



(d) Remove the separate type front seatback cover with pad (1) from the front seat headrest assembly (2).

14. REMOVE FRONT SEATBACK GARNISH

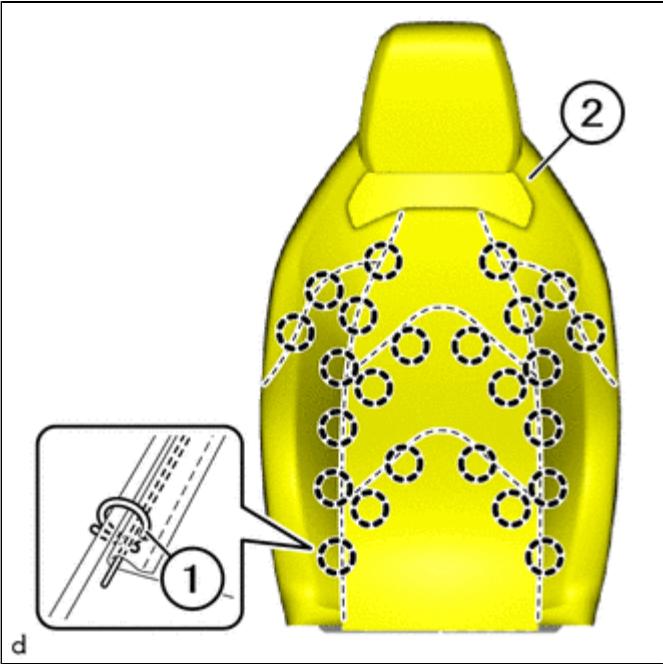
(a) Detach the claws (1).



(b) Detach the guides (2) to remove the front seatback garnish (3) from the separate type front seatback cover with pad (4).

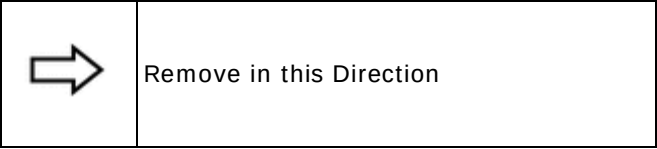
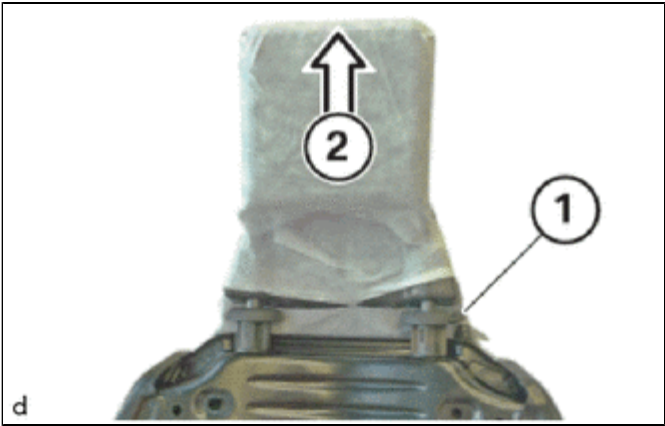
15. REMOVE SEPARATE TYPE FRONT SEATBACK COVER

- (a) Remove the 24 hog rings (1) and separate type front seatback cover (2) from the separate type front seatback pad with heater assembly.



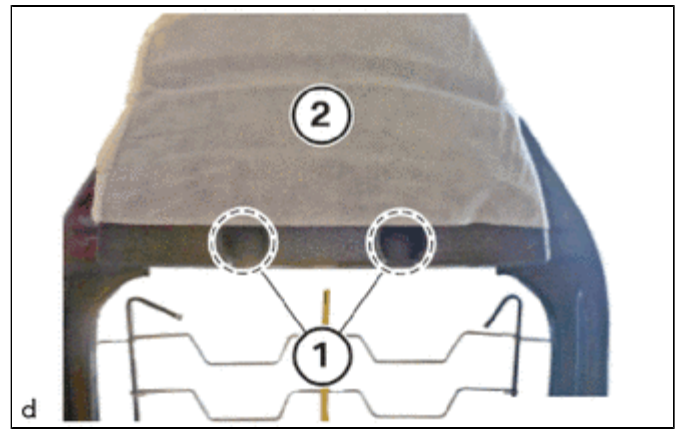
16. REMOVE FRONT SEAT HEADREST ASSEMBLY

- (a) Press the lock button (1) to remove the front seat headrest assembly (2) in the direction of the arrow.



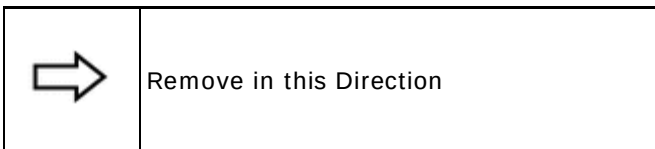
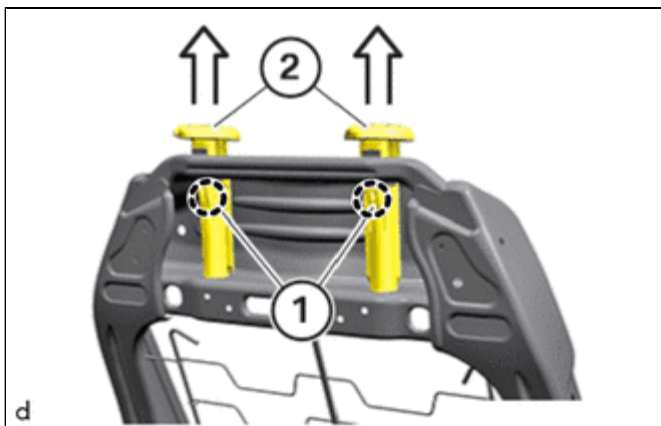
17. REMOVE FRONT SEATBACK BOARD

- (a) Detach the clips (1) to remove the front seatback board (2).



18. REMOVE FRONT SEAT HEADREST SUPPORT

(a) Detach the claws (1) to remove the front seat headrest supports (2) in the direction of the arrow.



19. REMOVE LUMBAR SUPPORT ADJUSTER ASSEMBLY (w / Lumbar Support)

Click here [INFO](#)

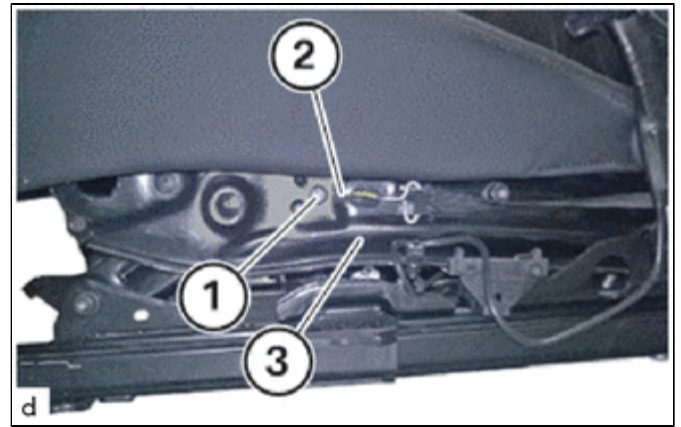
20. REMOVE SEATBACK SIDE SUPPORT ADJUSTER ASSEMBLY (w / Back Side Support Adjuster)

Click here [INFO](#)

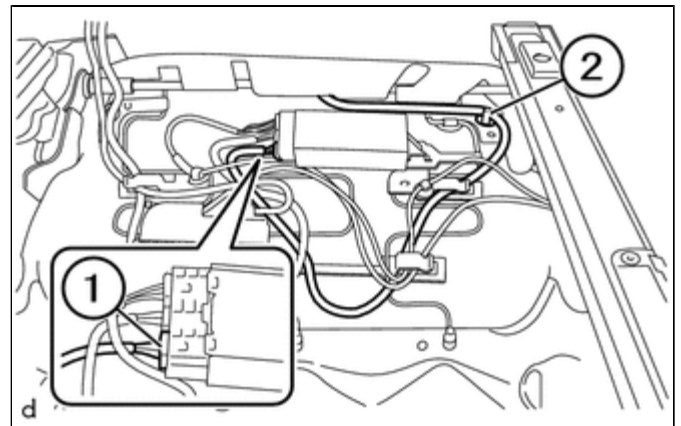
21. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD

(a) w/ Occupant Detection ECU:

(1) Loosen the screw (1).

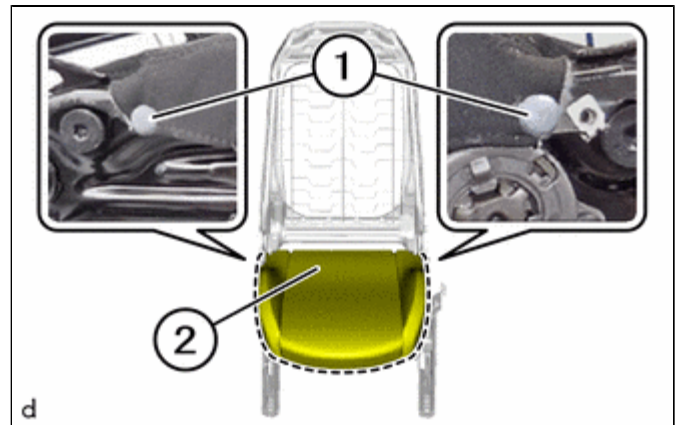


(2) Remove the cable (2) from the front seat adjuster assembly (3).



(b) Disconnect the connector (1).

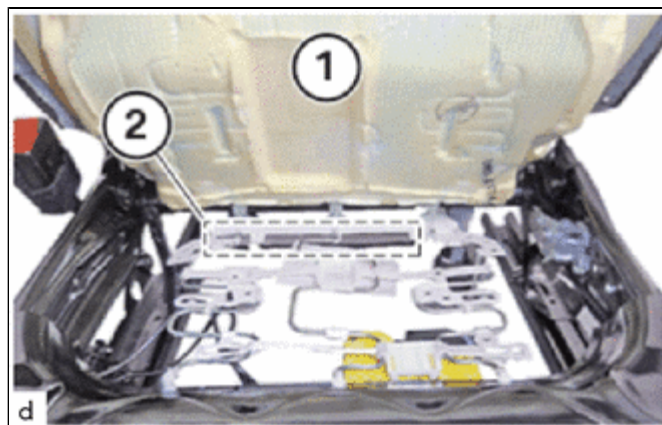
(c) Detach the clamp (2).



(d) Using a clip remover, detach the clips (1).

(e) Detach the separate type front seat cushion cover with pad (2) in the marked area.

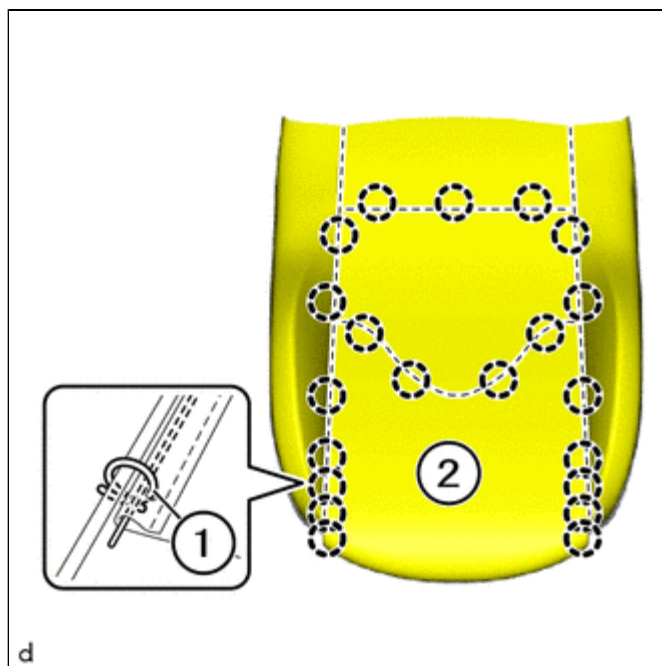
- (f) Position the separate type front seat cushion cover with pad (1) as illustrated.



- (g) Detach the separate type front seat cushion cover with pad (1) in the marked area (2).

22. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER

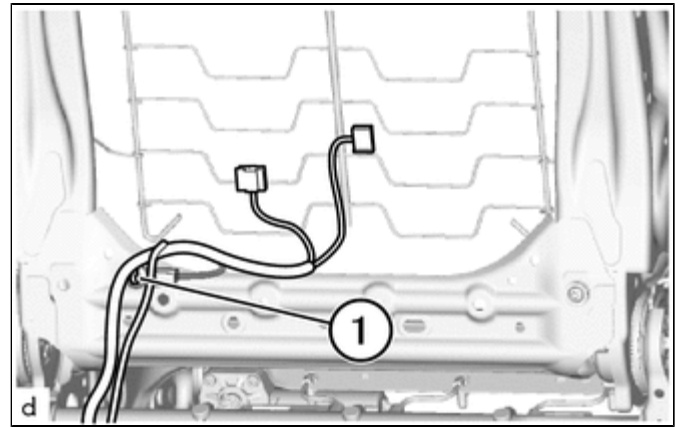
- (a) Remove the 21 hog rings (1) and separate type front seat cushion cover (2) from the separate type front seat cushion pad with heater assembly.



23. REMOVE SEPARATE TYPE FRONT SEATBACK SPRING ASSEMBLY

- (a) w/ Lumbar Support, w/ Back Side Adjuster:

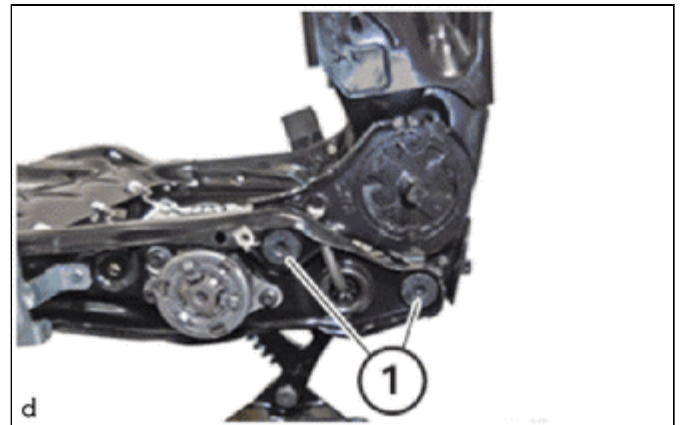
- (1) Detach the clamp (1) to separate the front seat wire.



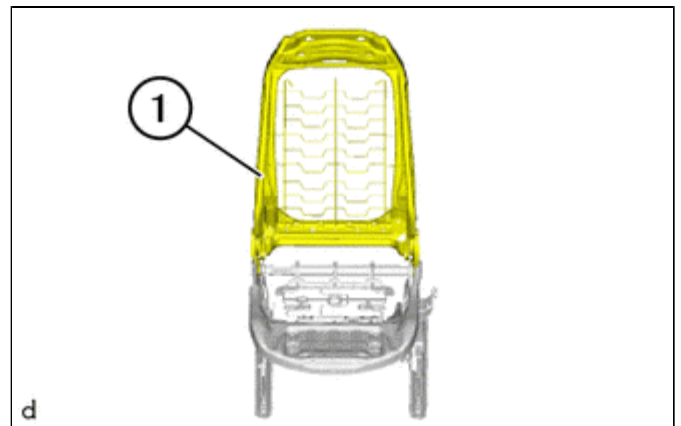
(b) Loosen the T50 bolts (1).

HINT:

Use the same procedure for the opposite side.

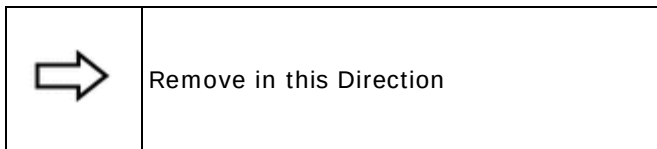
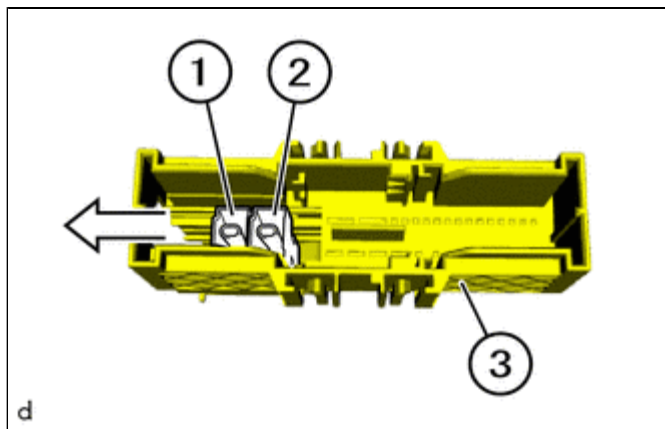


(c) Remove the separate type front seatback spring assembly (1).

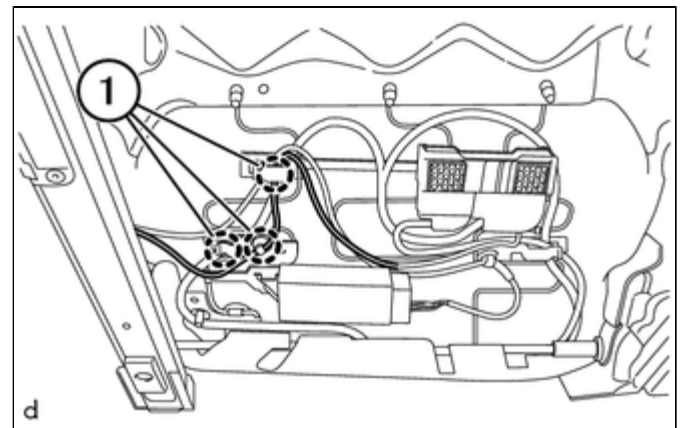


24. REMOVE SEAT POSITION AIRBAG SENSOR (w/ Seat Position Airbag Sensor)

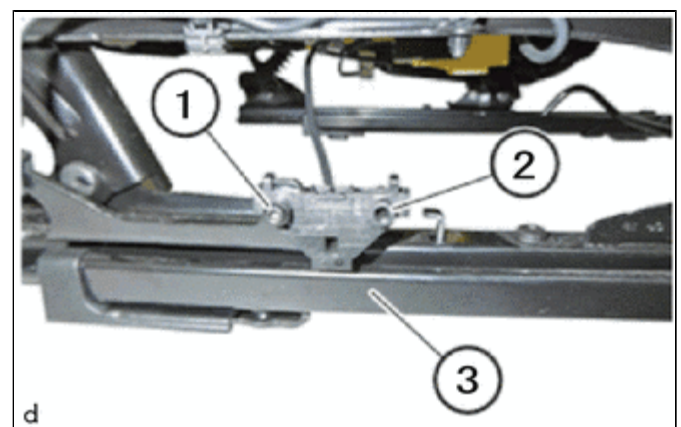
(a) Remove the connectors in order from (1) to (2) and pull them out of the connector housing (3) one after another in the direction of the arrow.



(b) Detach the clamps (1).



(c) Loosen the bolt (1).



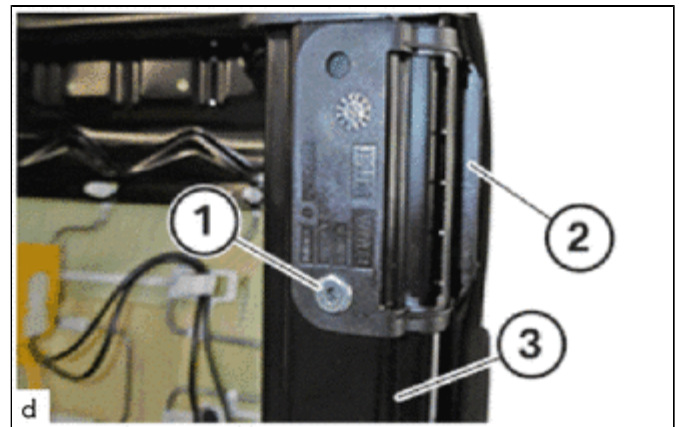
(d) Pull the No. 2 seat position airbag sensor (2) out up of the front seat adjuster assembly (3) upwards and remove.

25. REMOVE SEAT POSITION SENSOR MAGNET (w/ Seat Position Airbag Sensor)

(a) Drill out the rivet (1).

NOTICE:

- Do not drill the rivet at an angle as this will cause damage to the drill and rivet installation hole. Line up the drill with the rivet, and carefully drill out the rivet head.
- Be careful as the drilled rivet will be very hot.

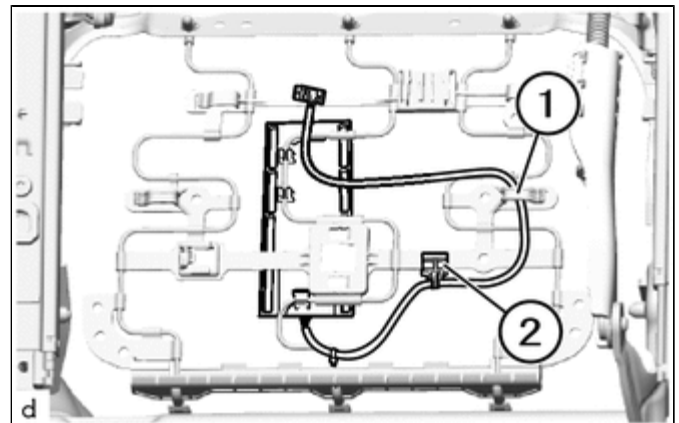


(b) Remove the seat position sensor magnet (2) from the top of the front seat adjuster assembly (3).

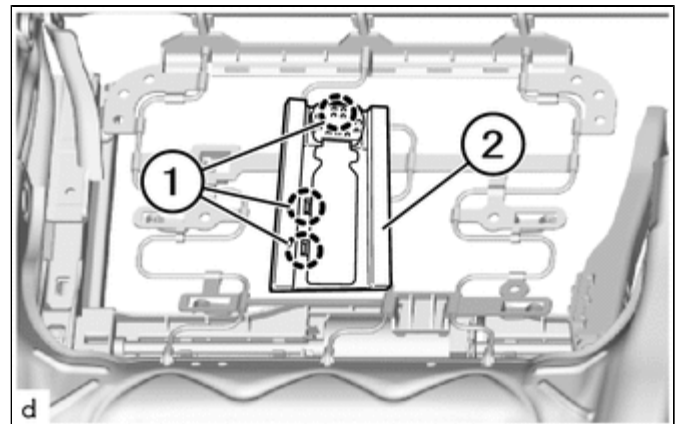
26. REMOVE BELT WARNING OCCUPANT DETECTION SENSOR (for Front Passenger Side)

(a) w/o Occupant Detection ECU:

(1) Detach the cable from the holder (1) and clamp (2).

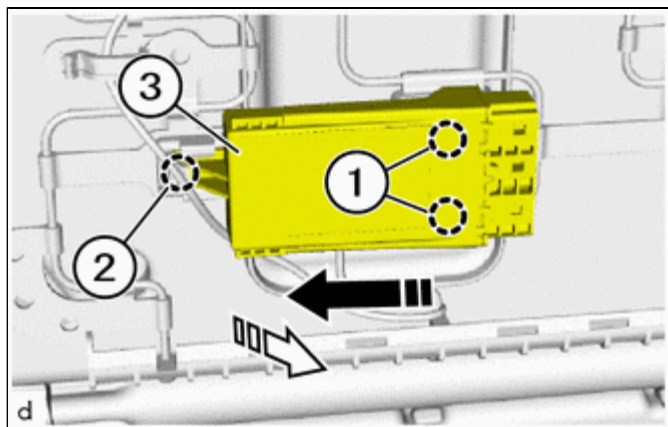


(2) Detach the claws (1) to remove the belt warning occupant detection sensor (2).



27. REMOVE SEAT HEATER CONTROL SUB-ASSEMBLY

(a) Detach the guides (1) and guide (2) to remove the seat heater control sub-assembly (3) as shown in the illustration.



	Remove in this Direction (1)
	Remove in this Direction (2)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD34
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): REASSEMBLY; 2020 MY Supra [03/2019 -]		

REASSEMBLY

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

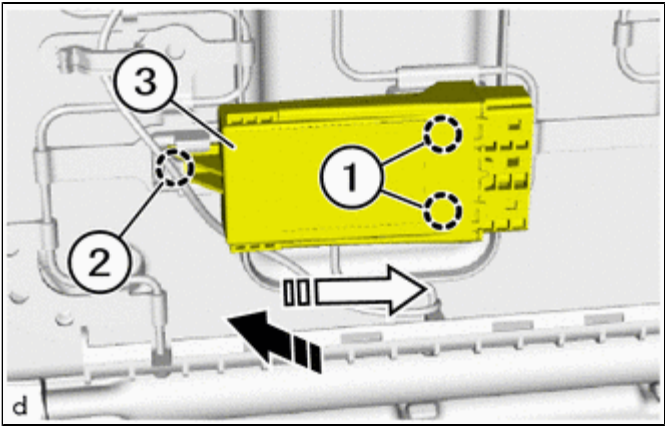
HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. INSTALL SEAT HEATER CONTROL SUB-ASSEMBLY

(a) Attach the guides (1) and guide (2) to install the seat heater control sub-assembly (3) as shown in the illustration.

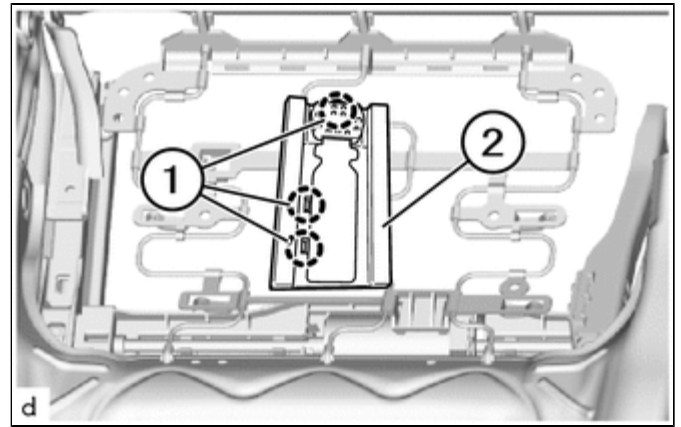


	Install in this Direction (1)
	Install in this Direction (2)

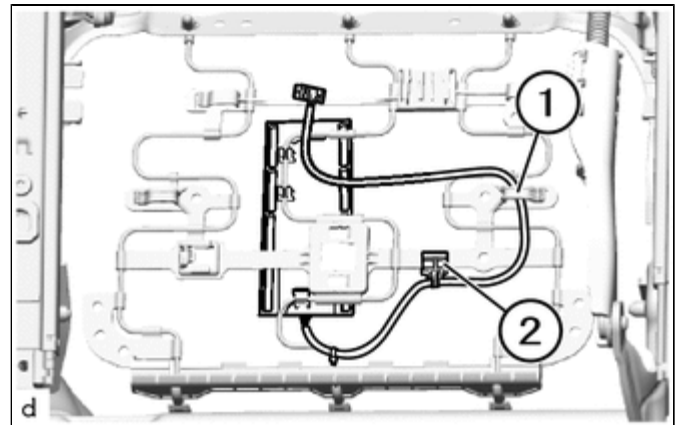
2. INSTALL BELT WARNING OCCUPANT DETECTION SENSOR (for Front Passenger Side)

(a) w/o Occupant Detection ECU:

- (1) Attach the claws (1) to install the belt warning occupant detection sensor (2).

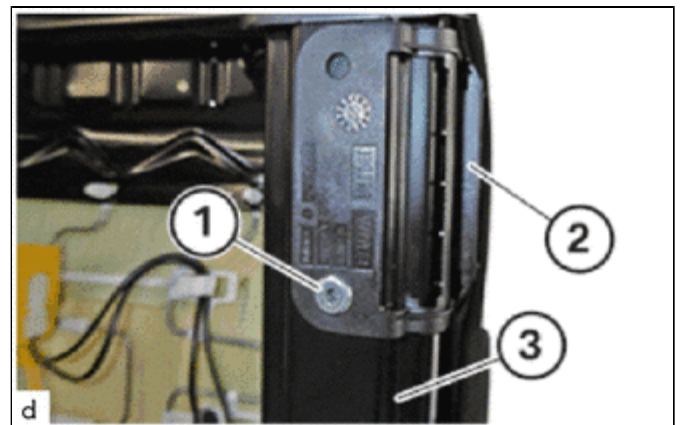


(2) Attach the cable to the holder (1) and clamp (2).



3. INSTALL SEAT POSITION SENSOR MAGNET (w/ Seat Position Airbag Sensor)

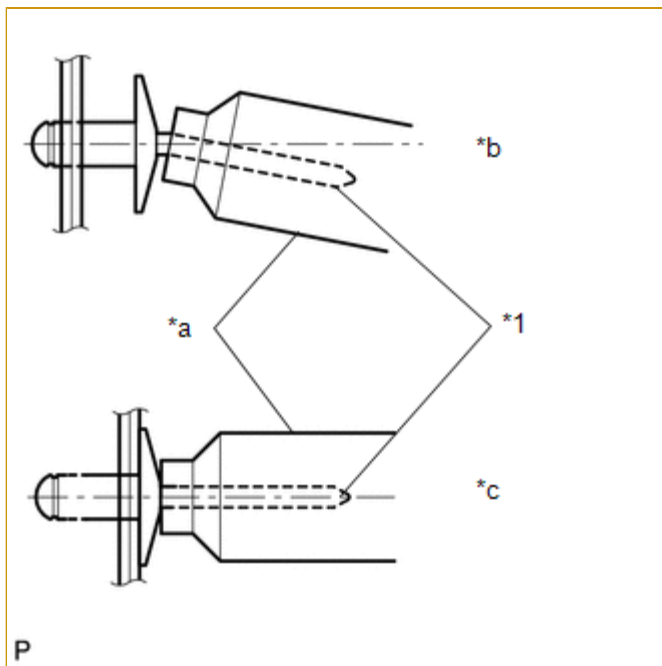
(a) Position the seat position sensor magnet (2) on top of the front seat adjuster assembly (3).



(b) Fasten the rivet (1).

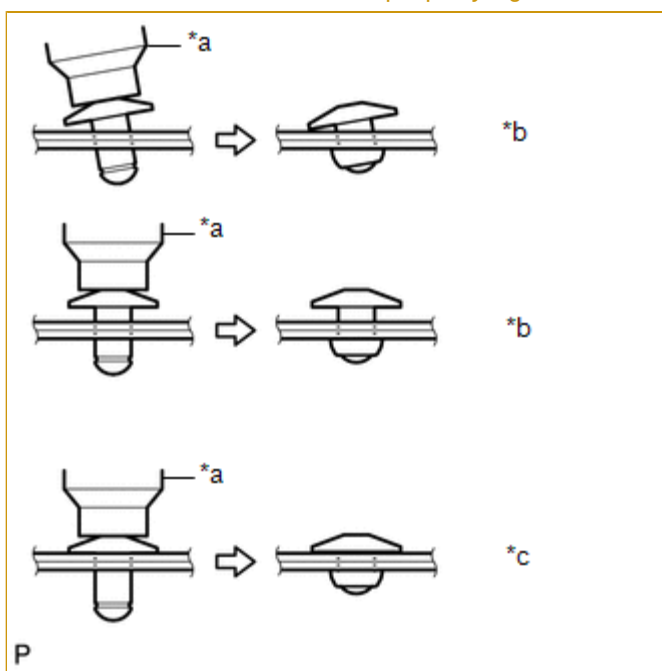
NOTICE:

- Do not pry on the rivet with the riveter, as this will cause damage to the riveter and mandrel.



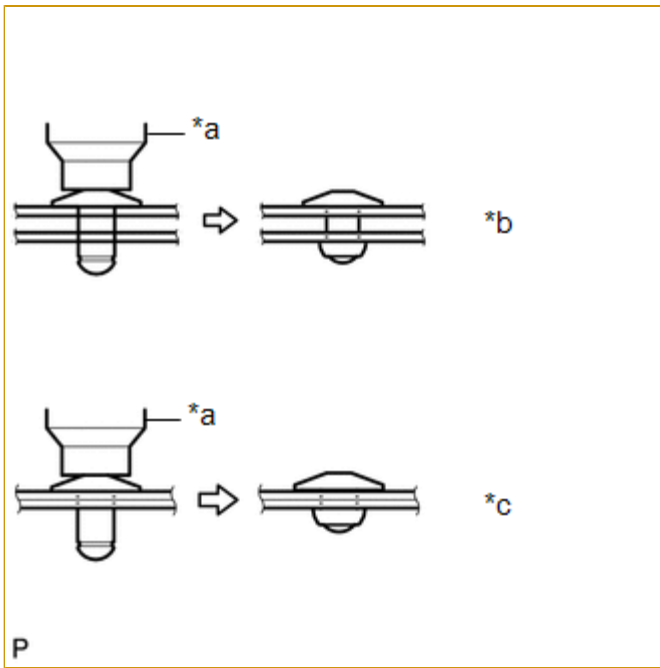
*1	Mandrel
*a	Riveter
*b	Incorrect
*c	Correct

- Confirm that the rivet is seated properly against the seat position sensor magnet.



*a	Riveter
*b	Incorrect
*c	Correct

- Do not tilt the riveter when installing the seat position sensor magnet with the rivet.
- Do not leave any space between the rivet head and the seat position sensor magnet.
- Do not leave any space between the seat position sensor magnet and front seat adjuster assembly. Firmly hold the seat position sensor magnet and front seat adjuster assembly together while installing the rivet.



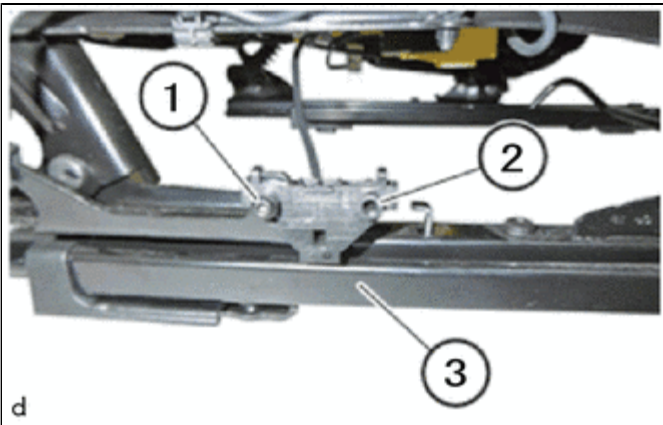
*a	Riveter
*b	Incorrect
*c	Correct

HINT:

If the mandrel of the rivet does not come off on the first operation of the rivet gun, slide the rivet gun forward on the mandrel and operate it again.

4. INSTALL SEAT POSITION AIRBAG SENSOR (w/ Seat Position Airbag Sensor)

(a) Install the No. 2 seat position airbag sensor (2) to the front seat adjuster assembly (3) from above and position it correctly.

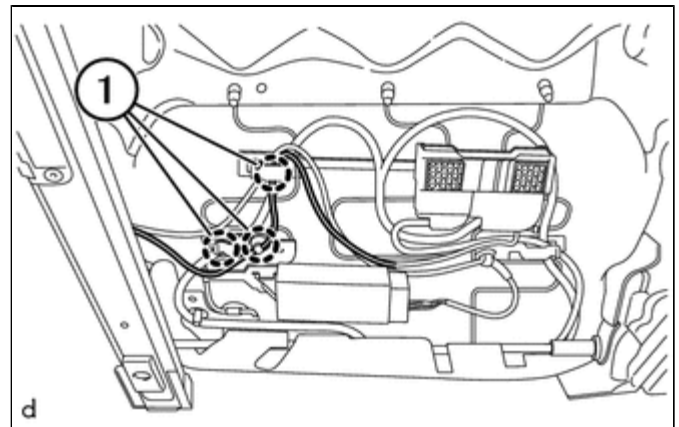


(b) Tighten the bolt (1).

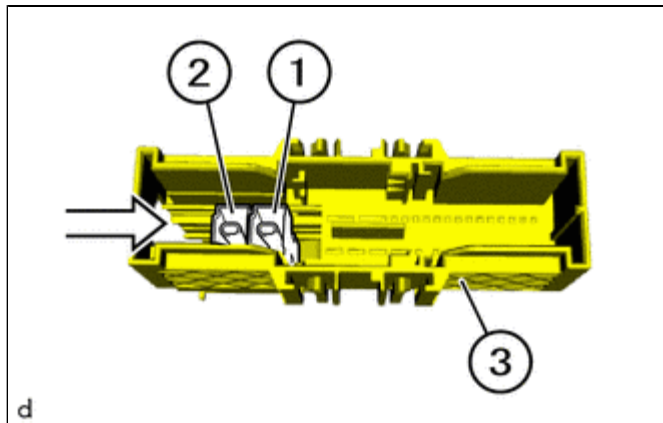
Torque:

1.3 N·m {13 kgf·cm, 12 in·lbf}

(c) Attach the clamps (1).



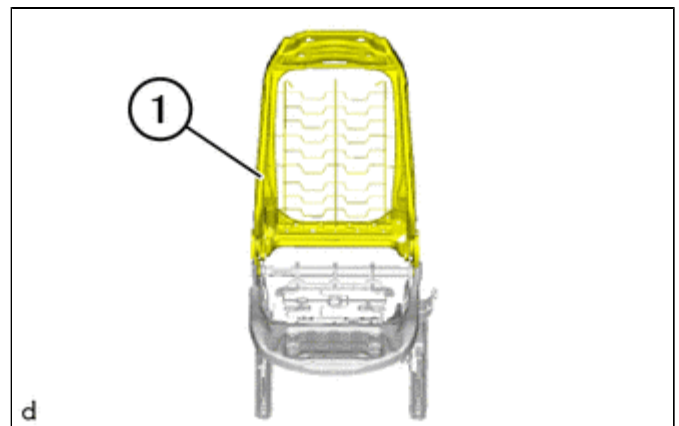
(d) Install the connectors correctly into the connector housing (3) in the sequence (1) to (2) in the direction of arrow.



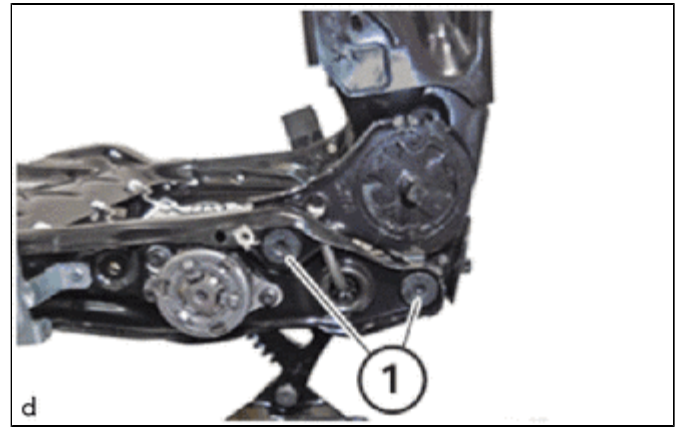
Install in this Direction

5. INSTALL SEPARATE TYPE FRONT SEATBACK SPRING ASSEMBLY

(a) Position the separate type front seatback spring assembly (1) correctly.



(b) Replace the T50 bolts (1).



(c) Tighten the T50 bolts (1).

Torque:

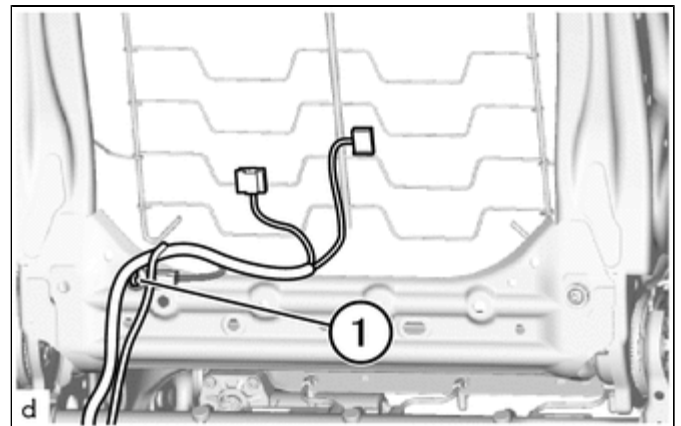
44 N·m {449 kgf·cm, 32 ft·lbf}

HINT:

Use the same procedure for the opposite side.

(d) w/ Lumbar Support, w/ Back Side Adjuster:

(1) Attach the clamp (1) to connect the front seat wire.



6. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER

(a) When replacing the front seat cushion heater assembly:

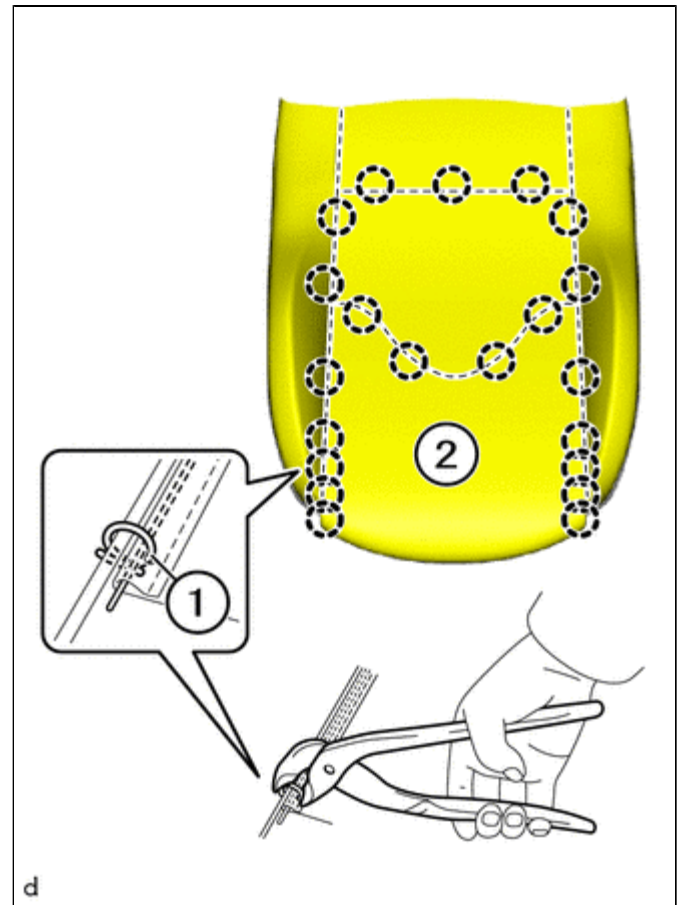
Click here [INFO](#)

(b) w/ Occupant Detection ECU:

(1) Place the separate type front seat cushion cover (2) correctly on the separate type front seat cushion pad with heater assembly.

NOTICE:

- The seat occupancy mat is bonded to the entire surface of the separate type front seat cushion pad and can only be replaced together with the separate type front seat cushion pad.
- If the seat occupancy mat or separate type front seat cushion pad is defective, both parts must always be replaced together.
- Full operability can only be guaranteed with the original replacement part.
- After fitting the separate type front seat cushion cover, enable the seat occupancy mat using the diagnosis system.



(c) w/o Occupant Detection ECU:

(1) Place the separate type front seat cushion cover (2) correctly on the separate type front seat cushion pad with heater assembly.

(d) Replace the 21 hog rings (1).

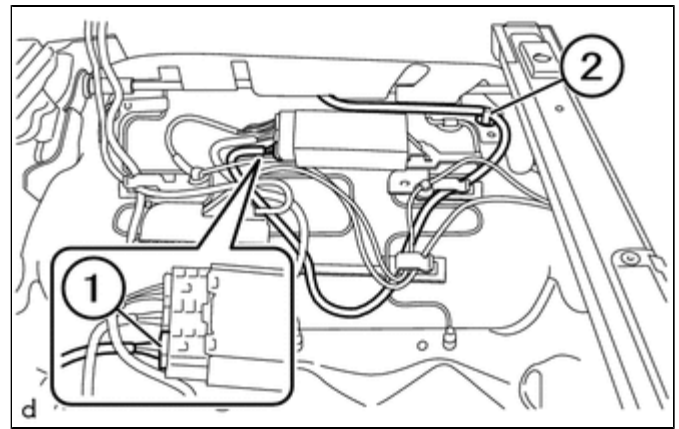
(e) Using hog ring pliers, install the separate type front seat cushion cover (2) to the separate type front seat cushion pad with heater assembly with 21 new hog rings (1).

NOTICE:

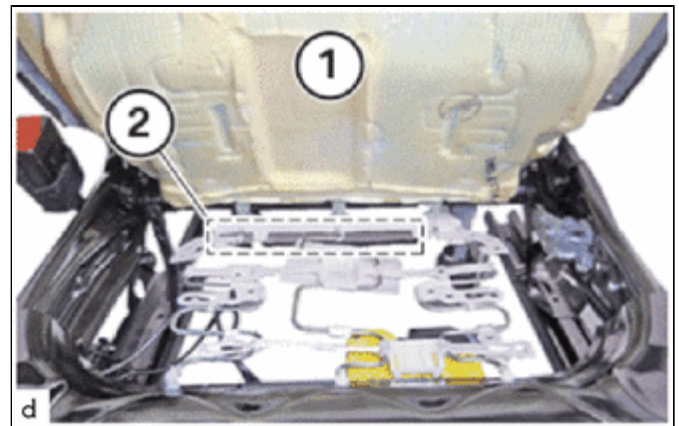
- Be careful not to damage the separate type front seat cushion cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.
- Align the center of the hog ring installation area of the separate type front seat cushion cover with the center of the separate type front seat cushion pad with heater assembly so that no wrinkles appear, and securely tighten the hog rings as shown in the illustration.

7. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD

(a) Attach the clamp (2).

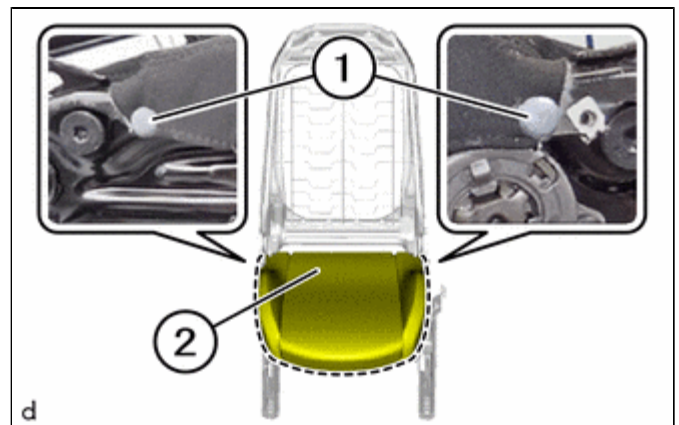


(b) Connect the connector (1).



(c) Position the separate type front seat cushion cover with pad (1) as illustrated.

(d) Attach the separate type front seat cushion cover with pad (1) in the marked area (2).

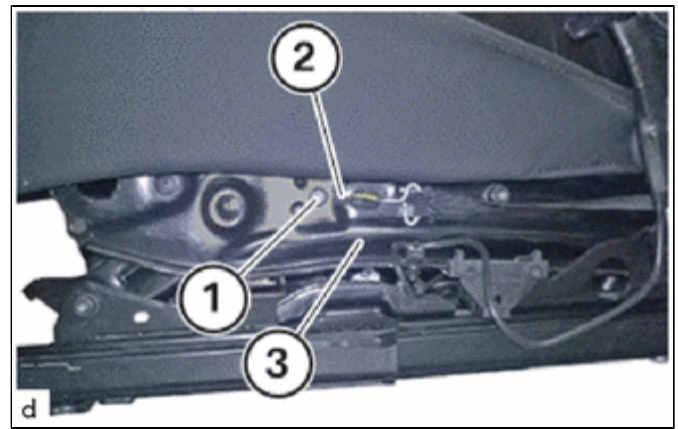


(e) Attach the separate type front seat cushion cover with pad (2) correctly in the marked area.

(f) Install the clips (1).

(g) w/ Occupant Detection ECU:

- (1) Install the cable (2) to the front seat adjuster assembly (3).



- (2) Tighten the screw (1).

Torque:

7.5 N·m {76 kgf·cm, 66 in·lbf}

8. INSTALL SEATBACK SIDE SUPPORT ADJUSTER ASSEMBLY (w / Back Side Support Adjuster)

Click here [INFO](#)

9. INSTALL LUMBAR SUPPORT ADJUSTER ASSEMBLY (w / Lumbar Support)

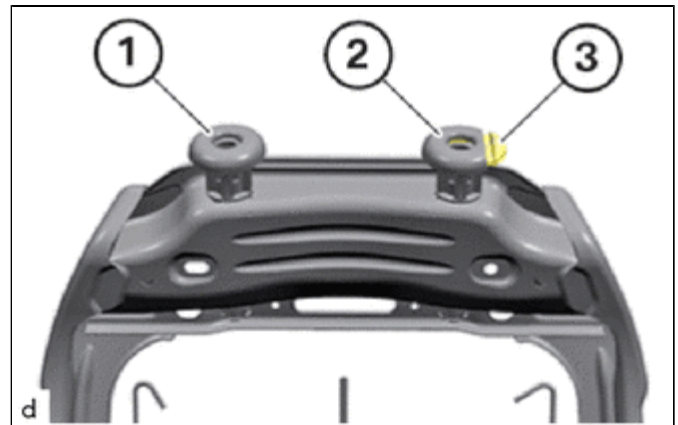
Click here [INFO](#)

10. INSTALL FRONT SEAT HEADREST SUPPORT

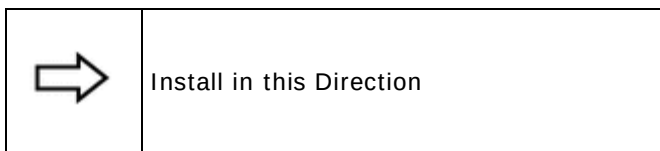
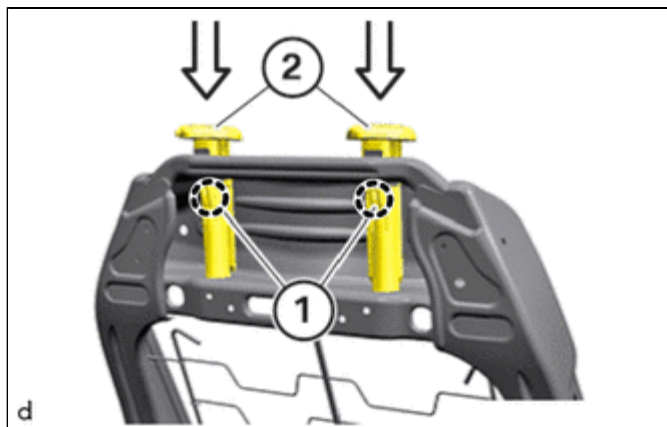
- (a) Position the front seat headrest support (2) on the left side of the vehicle.

HINT:

- The front seat headrest support (1) and (2) are not identical.
- The front seat headrest support (2) is provided with a lock button (3).

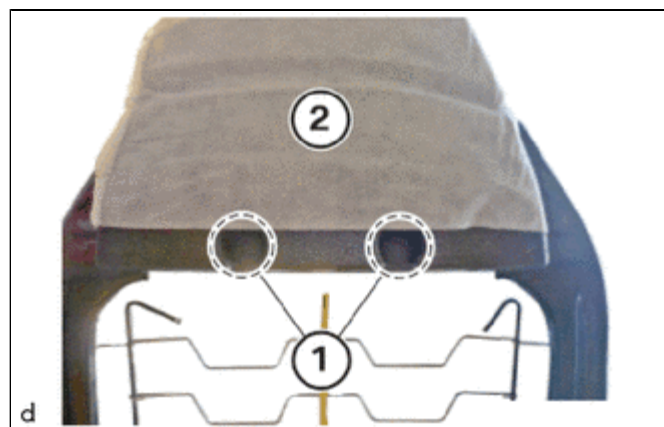


- (b) Attach the claws (1) to install the front seat headrest supports (2).



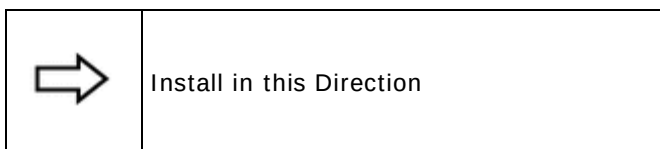
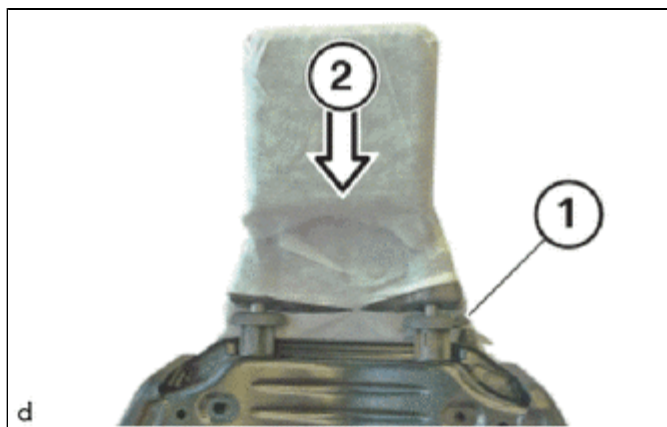
11. INSTALL FRONT SEATBACK BOARD

(a) Attach the clips (1) to install the front seatback board (2).



12. INSTALL FRONT SEAT HEADREST ASSEMBLY

(a) Press the lock button (1) to install the front seat headrest assembly (2) in the direction of the arrow.

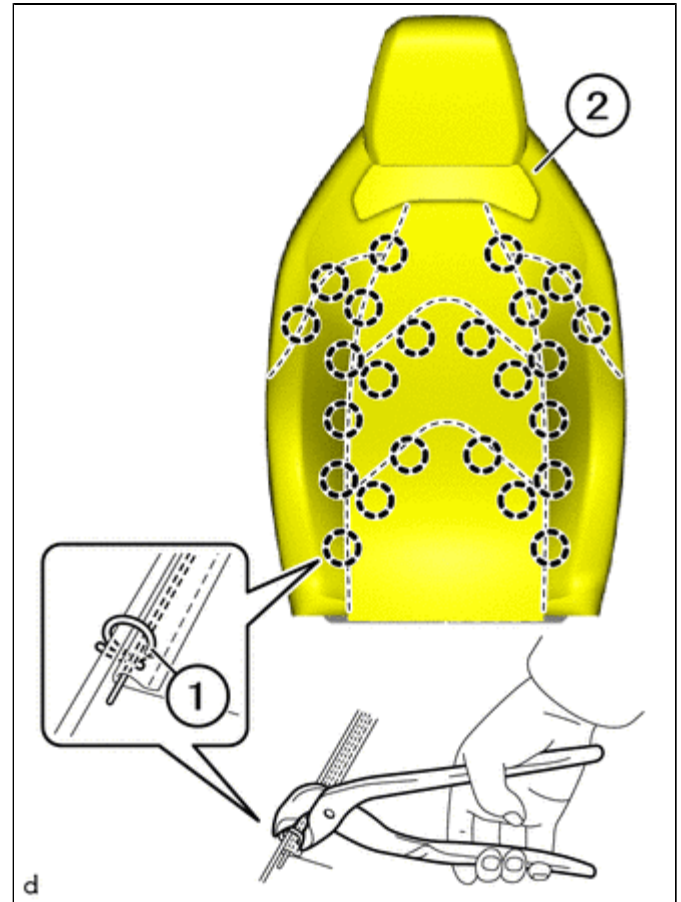


13. INSTALL SEPARATE TYPE FRONT SEATBACK COVER

(a) When replacing the front seatback heater assembly:

Click here [INFO](#)

(b) Place the separate type front seatback cover (2) correctly on the separate type front seatback pad with heater assembly.



(c) Replace the 24 hog rings (1).

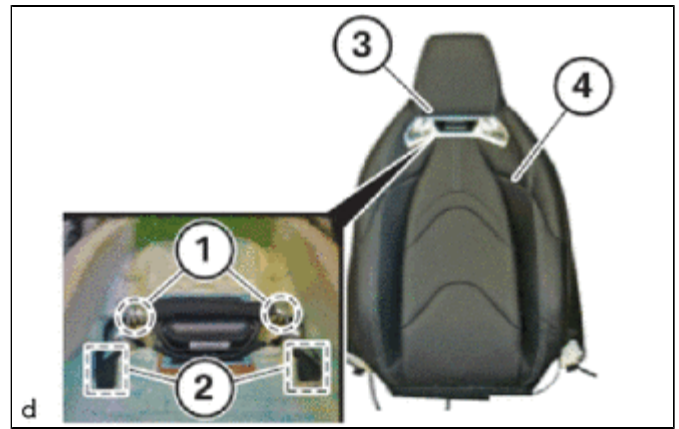
(d) Using hog ring pliers, install the separate type front seatback cover (2) to the separate type front seatback pad with heater assembly with 24 hog rings (1).

NOTICE:

- Be careful not to damage the separate type front seatback cover.
- When installing the hog rings, take care to minimize wrinkles as much as possible.
- Align the center of the hog ring installation area of the separate type front seatback cover with the center of the separate type front seatback pad with heater assembly so that no wrinkles appear, and securely tighten the hog rings as shown in the illustration.

14. INSTALL FRONT SEATBACK GARNISH

(a) Attach the guides (2).



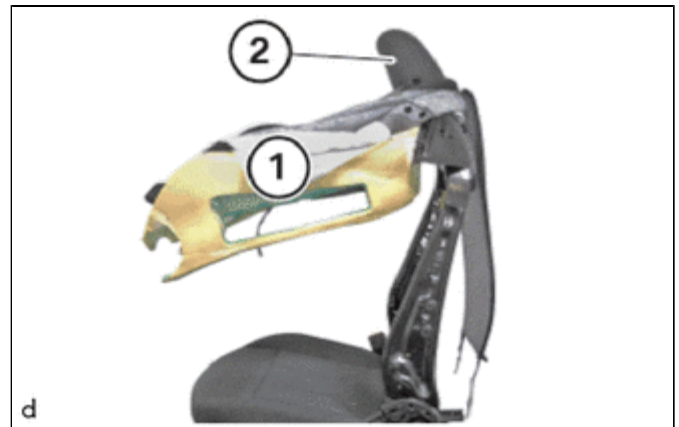
(b) Attach the claws (1) to install the front seatback garnish (3) to the separate type front seatback cover with pad (4).

15. INSTALL SEPARATE TYPE FRONT SEATBACK COVER WITH PAD

(a) Install the separate type front seatback cover with pad (1) correctly over the front seat headrest assembly (2).

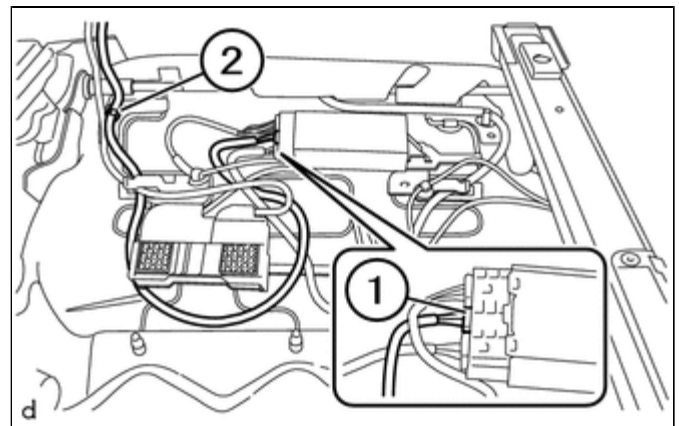
NOTICE:

Handle the separate type front seatback cover with pad (1) carefully to prevent damage.



(b) Install the separate type front seatback cover with pad (1) correctly.

(c) Attach the clamp (2).



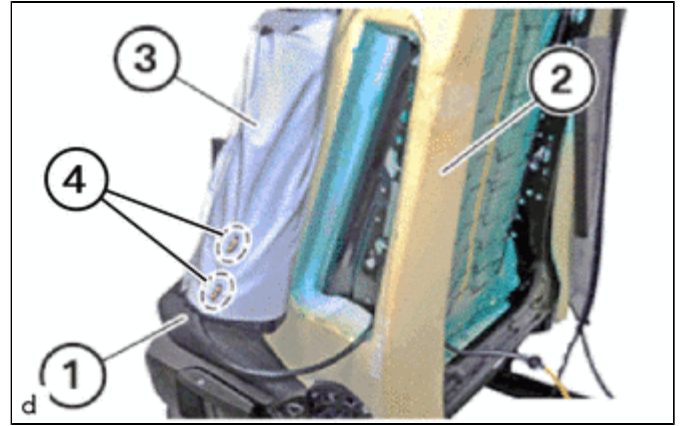
(d) Connect the connector (1).

16. INSTALL FRONT SEAT AIRBAG ASSEMBLY

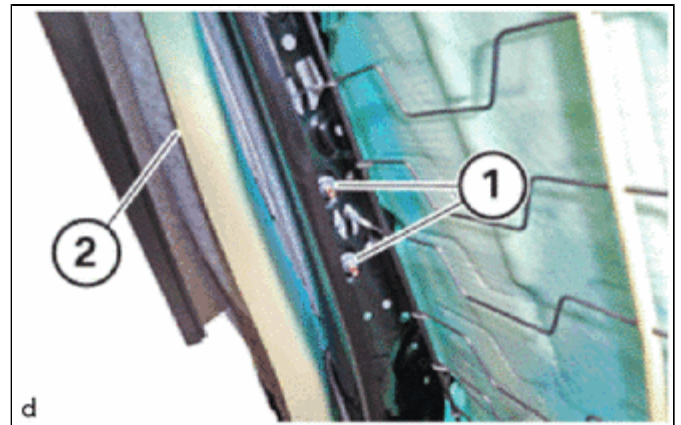
- (a) Install the front seat airbag assembly (1) carefully into the pocket of separate type front seatback cover (3).

NOTICE:

Make sure that the stud bolts (4) do not damage the pocket in the separate type front seatback cover.



- (b) Position the front seat airbag assembly (1) correctly in the separate type front seatback pad (2).



- (c) Position the separate type front seatback cover with pad (2) correctly.

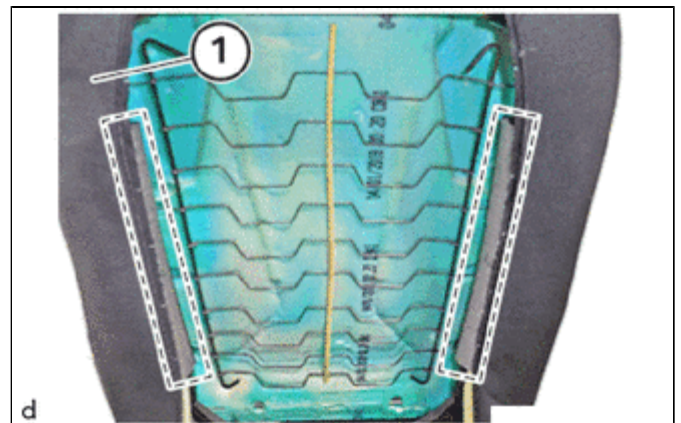
- (d) Replace the nuts (1).

- (e) Tighten the nuts (1).

Torque:

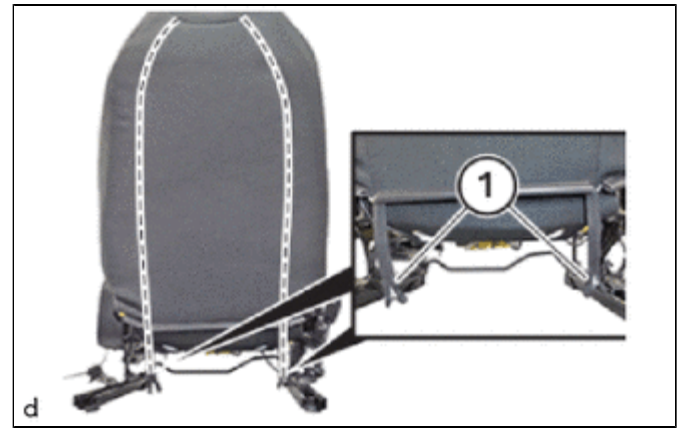
6.5 N·m { 66 kgf·cm, 58 in·lbf }

- (f) Attach the separate type front seatback cover with pad (1) correctly in the marked area.



(g) Using a special tool 0 490 472 (00 5 020), close the fasteners (1) in the marked area.

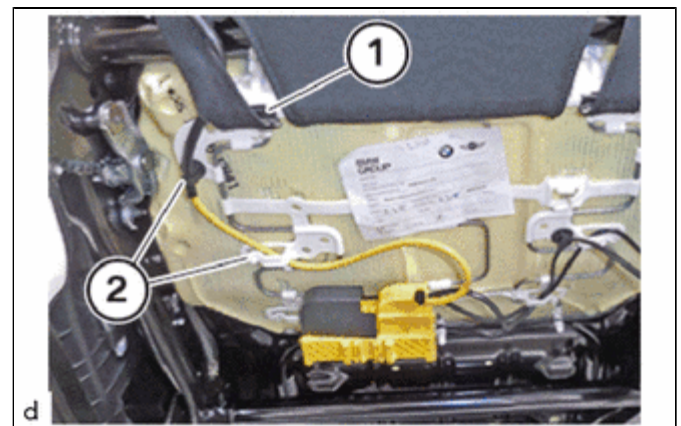
SST: 09300-WA180



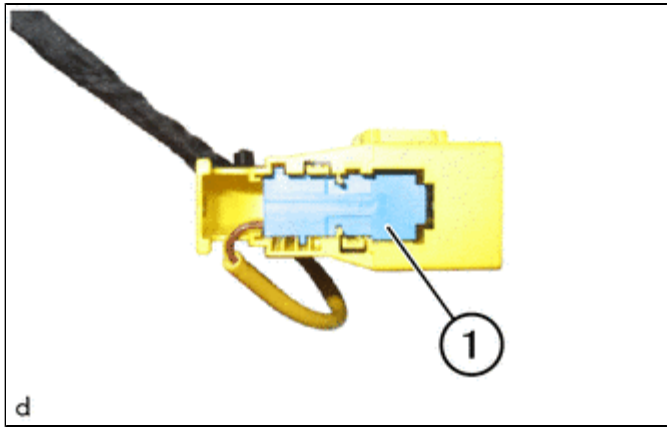
(h) Attach the separate type front seatback cover (1) correctly in the marked area.



(i) Attach the clamps (2).



(j) Attach the separate type front seat cushion cover (1).



(k) Connect the connector (1) to the connector housing.

17. INSTALL CHILD RESTRAINT SEAT ANCHOR BRACKET (w/ Bracket)

Click here [INFO](#)

18. INSTALL FRONT LUMBAR SUPPORT POWER SEAT SWITCH (w/ Lumbar Support)

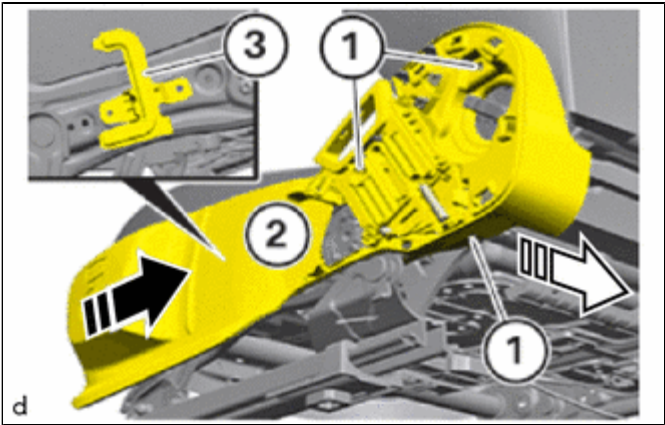
Click here [INFO](#)

19. INSTALL FRONT SEATBACK SUPPORT POWER SEAT SWITCH (w/ Back Side Support Adjuster)

Click here [INFO](#)

20. INSTALL FRONT SEAT CUSHION SHIELD

- (a) w/ Lumbar Support:
 - (1) Connect the connector.
- (b) w/ Back Side Support Adjuster:
 - (1) Connect the connector.
- (c) Install the front seat cushion shield (2) to the No. 2 front seat side shield bracket (3) correctly in the direction of the arrow.



	Install in this Direction (1)
	Install in this Direction (2)

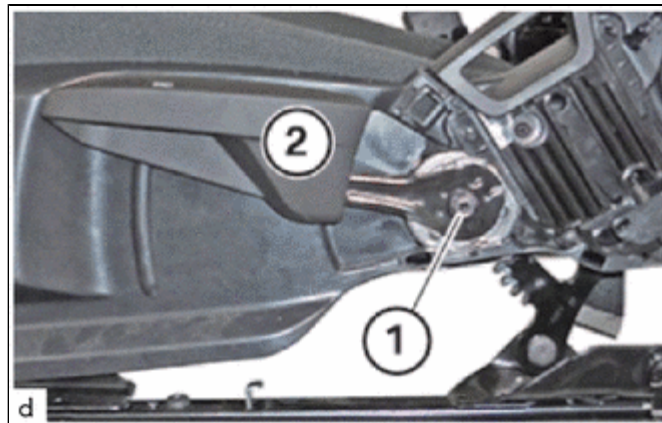
(d) Tighten the T20 screws (1).

Torque:

1.5 N·m {15 kgf·cm, 13 in·lbf}

21. INSTALL VERTICAL ADJUSTING HANDLE

(a) Position the vertical adjusting handle (2) correctly.



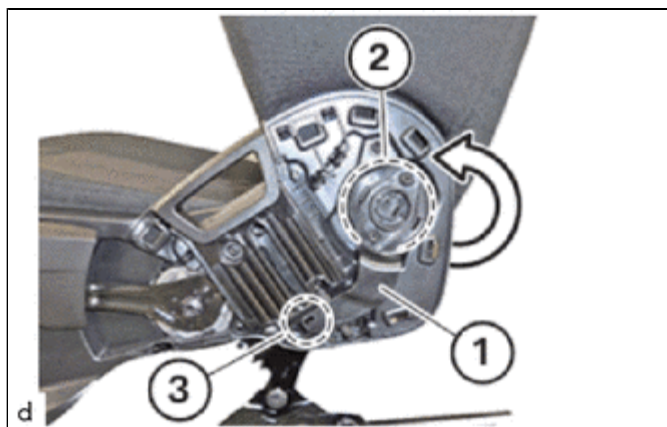
(b) Tighten the T45 screw (1).

Torque:

19.5 N·m {199 kgf·cm, 14 ft·lbf}

22. INSTALL NO. 2 RECLINING ADJUSTER RELEASE ARM

(a) Attach the guide (3).

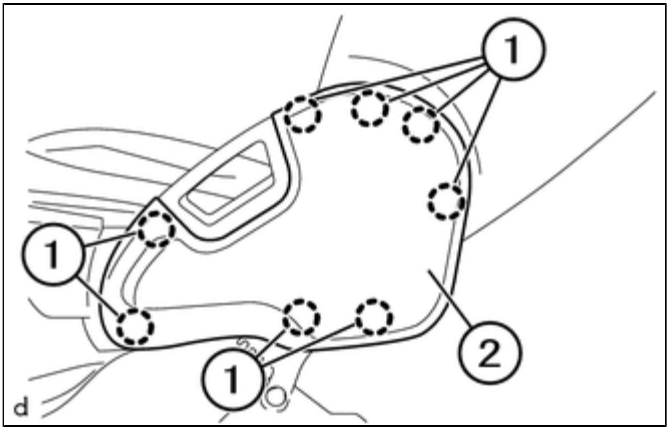


Raise in this Direction

(b) Raise the No. 2 reclining adjuster release arm (1) carefully in the direction of the arrow.

(c) Attach the No. 2 reclining adjuster release arm (1) in the marked area (2) carefully.

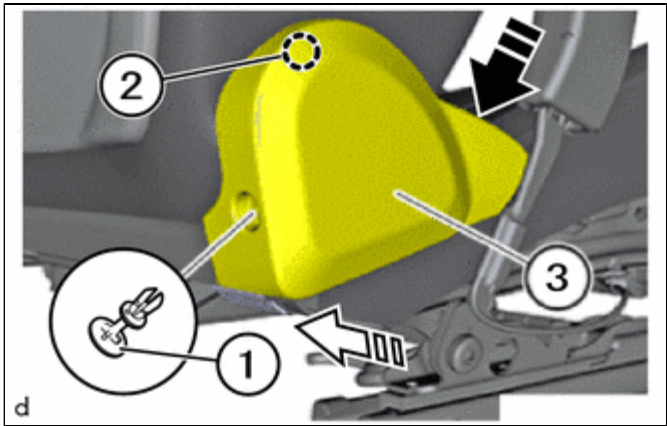
23. INSTALL FRONT SEAT SIDE SHIELD



(a) Attach the claws (1) to install the front seat side shield (2).

24. INSTALL FRONT SEAT CUSHION INNER SHIELD

(a) Attach the guide to install the front seat cushion inner shield (2) in the direction of the arrow.

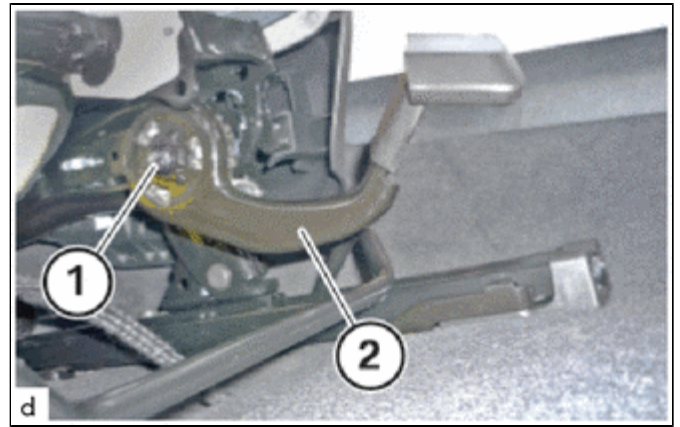


	Install in this Direction (1)
	Install in this Direction (2)

(b) Install the clip (1).

25. INSTALL SEAT LIFTER LEVER SUB-ASSEMBLY (w / Back Side Support Adjuster)

(a) Install the seat lifter lever sub-assembly (2).



(b) Tighten the screw (1).

Torque:

19.5 N·m {199 kgf·cm, 14 ft·lbf}

26. INSTALL FRONT SEAT INNER BELT ASSEMBLY

Click here [INFO](#)

27. INSTALL OCCUPANT DETECTION ECU (w / Occupant Detection ECU)

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD35
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT ASSEMBLY (for Manual Seat): INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. INSTALL FRONT SEAT ASSEMBLY

- Cover the front door scuff plate with protective covers.
- Place the front seat assembly in the vehicle with another person.

NOTICE:

- Heavy component.

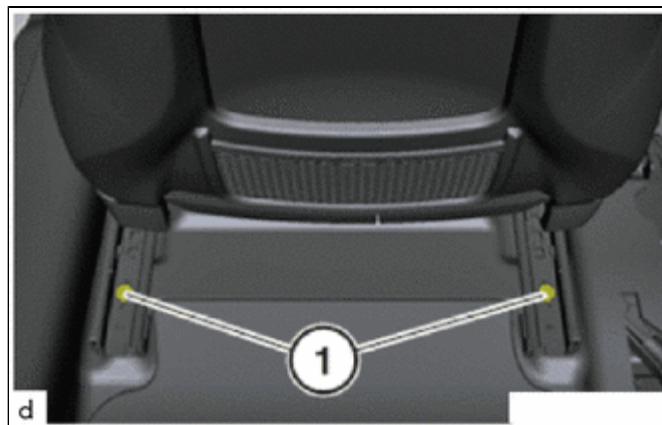
Heavy components can lead to injury or damage.

- Remove and install heavy components with the aid of another person/other persons.

- Protect the front seat leg.
- Be careful not to damage the front seat assembly, body exterior or body interior.

- Tilt the front seat assembly backwards to connect the connector.

- Move the front seat assembly to the foremost position.



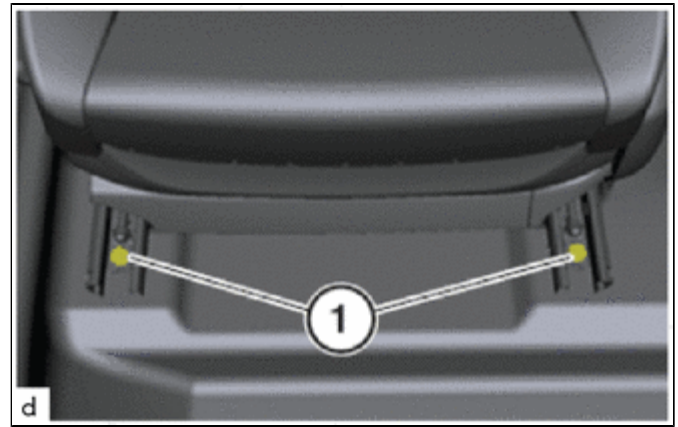
- Replace the T50 bolts (1).

- Tighten the T50 bolts (1).

Torque:

42 N·m {428 kgf·cm, 31 ft·lbf}

(g) Move the front seat assembly to the rearmost position.



(h) Replace the T50 bolts (1).

(i) Tighten the T50 bolts (1).

Torque:

42 N·m {428 kgf·cm, 31 ft·lbf}

(j) Connect the cable to the negative (-) battery terminal.

Click here [INFO](#)

2. CONNECT FRONT SEAT OUTER BELT ASSEMBLY

Click here [INFO](#)

3. ENCODE / PROGRAM CONTROL UNIT(S) (w / Occupant Detection ECU)

NOTICE:

- Use the most recent software version to prevent faults during programming/encoding.
- The battery voltage must not drop below 13.0 V during programming.
- Use only recommended chargers for a low-voltage vehicle electrical system.
- Do not exceed the maximum charging voltage of 14.8 V when charging the battery.
- When there is communication abnormality in the middle of work, control unit might be damaged.

(a) Connect the battery charger to the vehicle.

(b) Connect the diagnosis system with the vehicle.

(c) Determine the action plan.

Service plan / Programming plan / Action plan / Calculate action plan

(d) Accept and fully process the measures plan.

Service plan / Programming plan / Action plan / Perform action plan

(e) Wait until programming/encoding has been completed.

NOTICE:

When there is communication abnormality in the middle of work, control unit might be damaged.

(f) Carry out vehicle test.

Vehicle management / Troubleshooting / Fault memory / Calculate test plan

(g) Delete the fault memory.

Vehicle management / Troubleshooting / Fault memory / Delete fault memory

(h) Disconnect the diagnosis system from the vehicle.

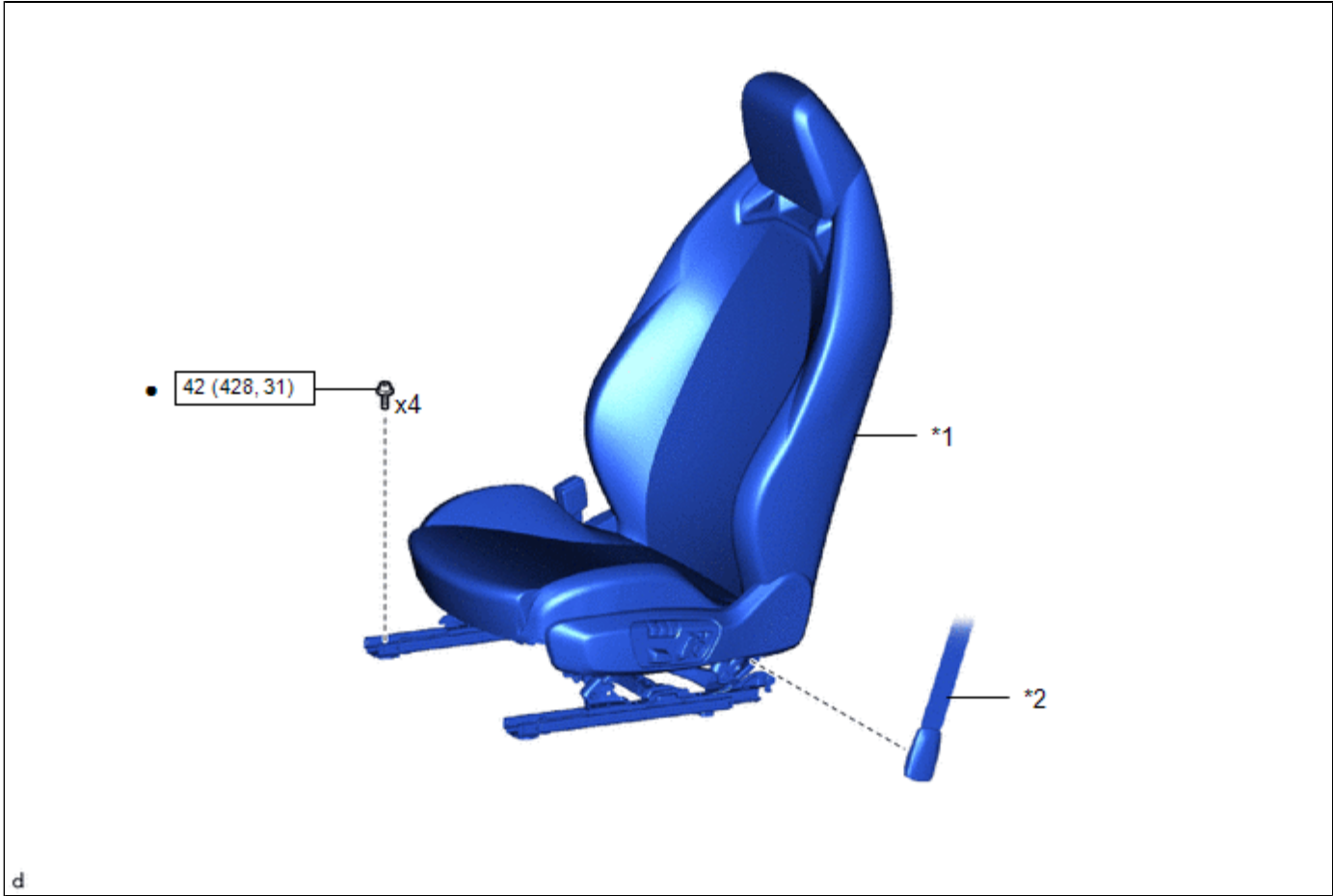
(i) Disconnect the battery charger from the vehicle.



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD36
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): COMPONENTS; 2020 MY Supra [03/2019 -]		

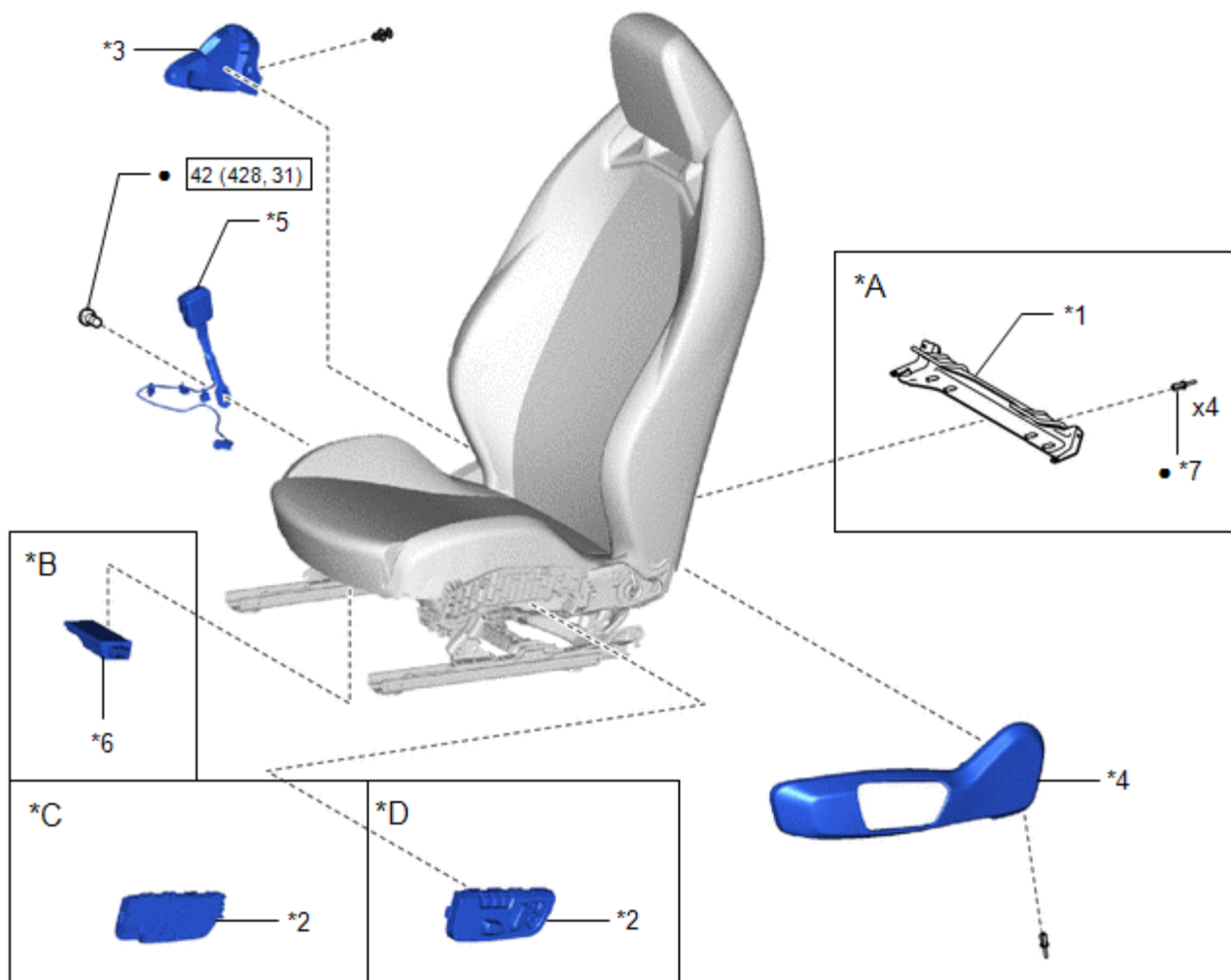
COMPONENTS

ILLUSTRATION



*1	FRONT SEAT ASSEMBLY	*2	FRONT SEAT OUTER BELT ASSEMBLY
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

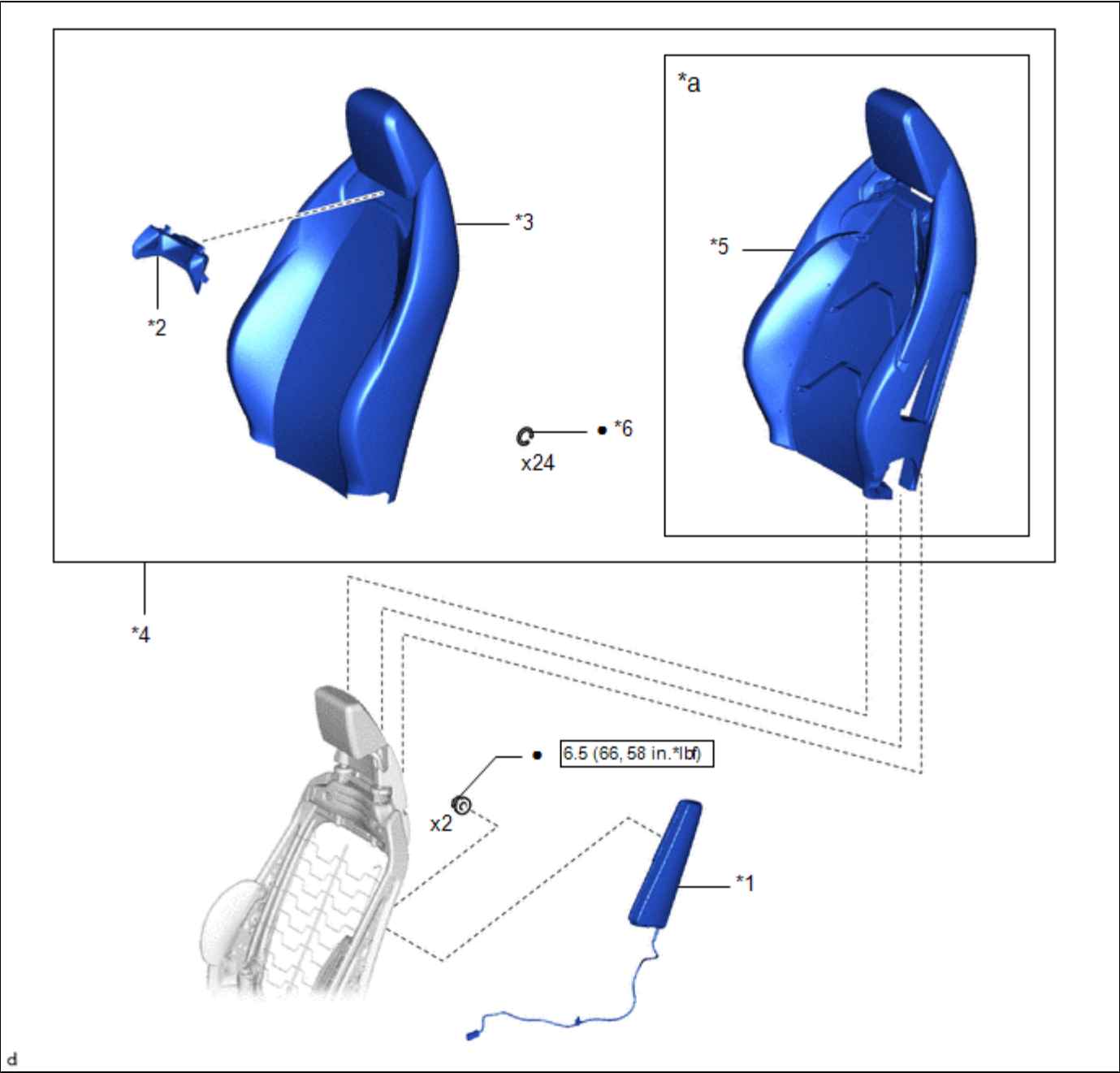
ILLUSTRATION



d

*A	w/ Bracket	*B	w/ Occupant Detection ECU
*C	for Front Passenger Side	*D	for Driver Side
*1	CHILD RESTRAINT SEAT ANCHOR BRACKET	*2	FRONT POWER SEAT SWITCH
*3	FRONT SEAT CUSHION INNER SHIELD	*4	FRONT SEAT CUSHION SHIELD
*5	FRONT SEAT INNER BELT ASSEMBLY	*6	OCCUPANT DETECTION ECU
*7	RIVET	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

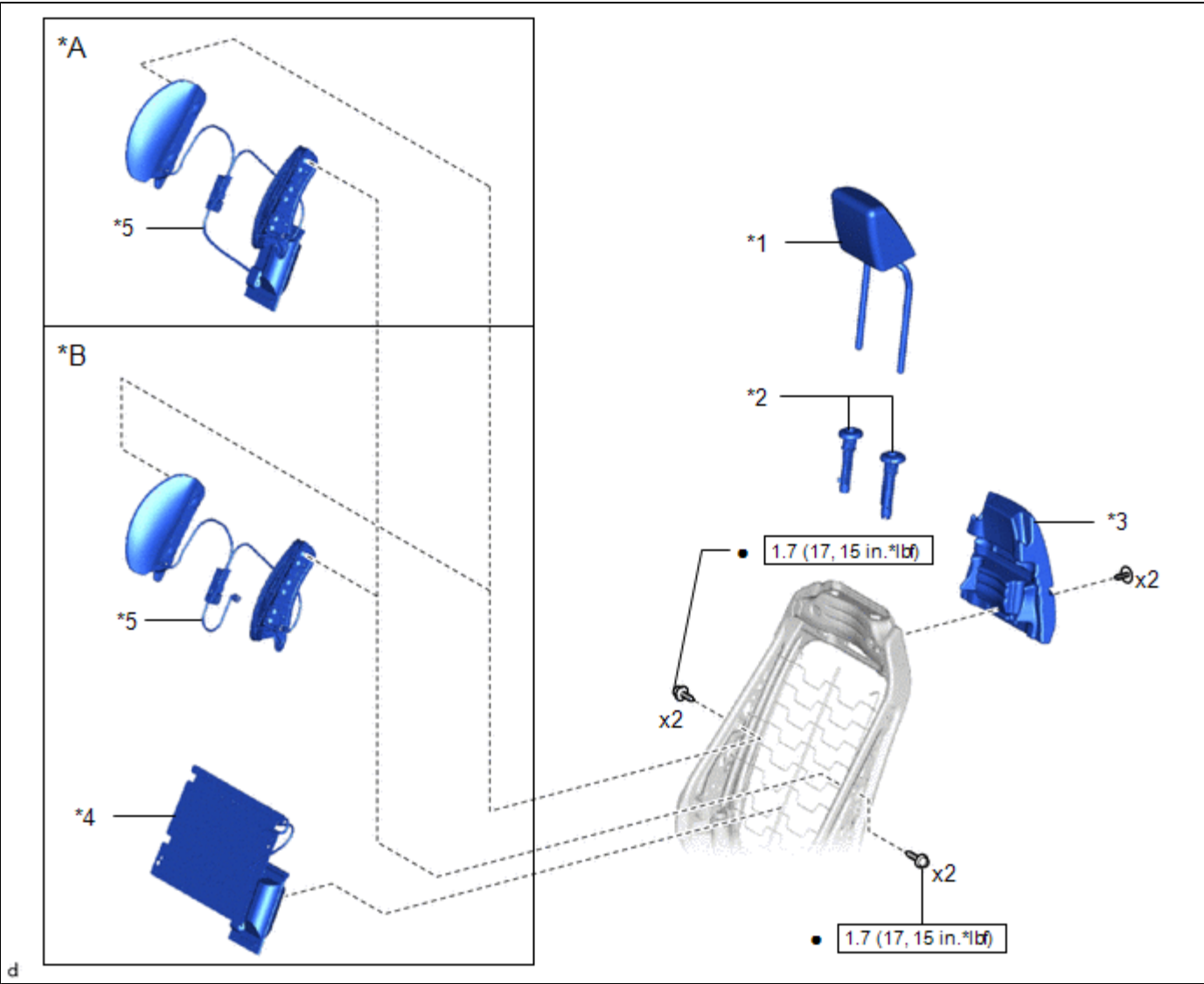
ILLUSTRATION



*1	FRONT SEAT AIRBAG ASSEMBLY	*2	FRONT SEATBACK GARNISH
*3	SEPARATE TYPE FRONT SEATBACK COVER	*4	SEPARATE TYPE FRONT SEATBACK COVER WITH PAD
*5	SEPARATE TYPE FRONT SEATBACK PAD WITH HEATER ASSEMBLY	*6	HOG RING
*a	When Reusing the Separate Type Front Seatback Pad with Heater Assembly	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	●	Non-reusable part

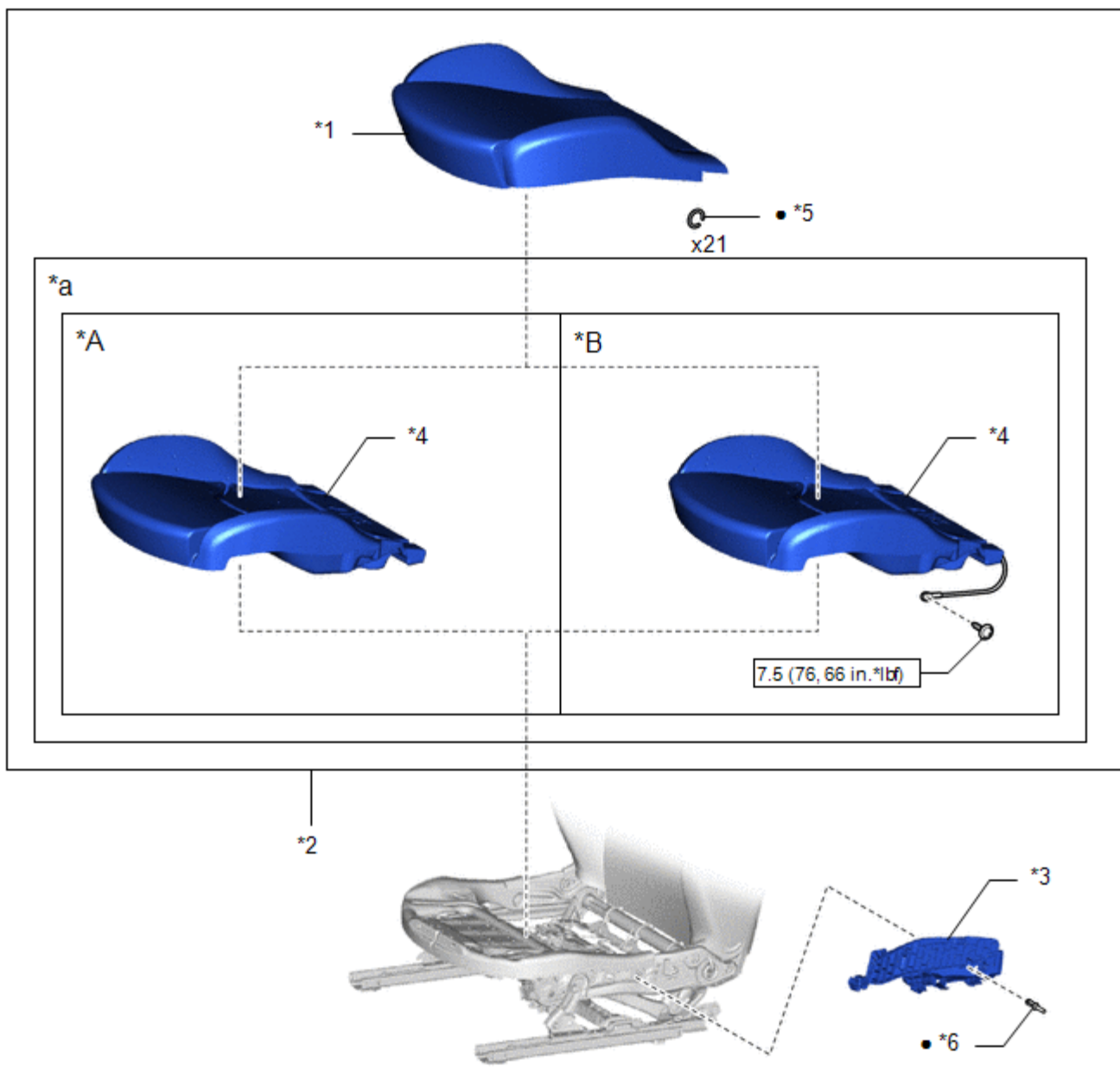
			
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ILLUSTRATION



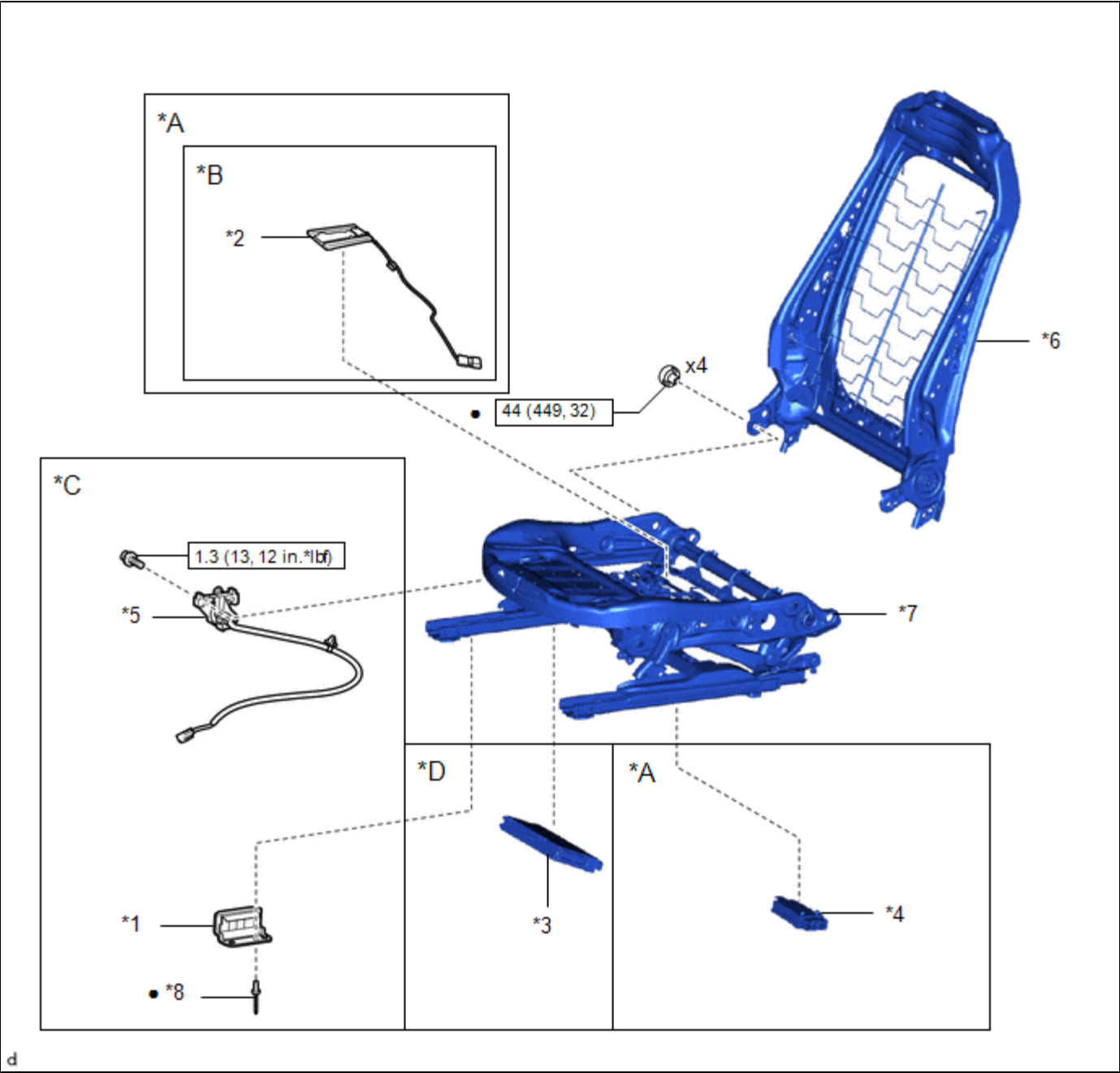
*A	w/o Lumbar Support	*B	w/ Lumbar Support
*1	FRONT SEAT HEADREST ASSEMBLY	*2	FRONT SEAT HEADREST SUPPORT
*3	FRONT SEATBACK BOARD	*4	LUMBAR SUPPORT ADJUSTER ASSEMBLY
*5	SEATBACK SIDE SUPPORT ADJUSTER ASSEMBLY	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

ILLUSTRATION



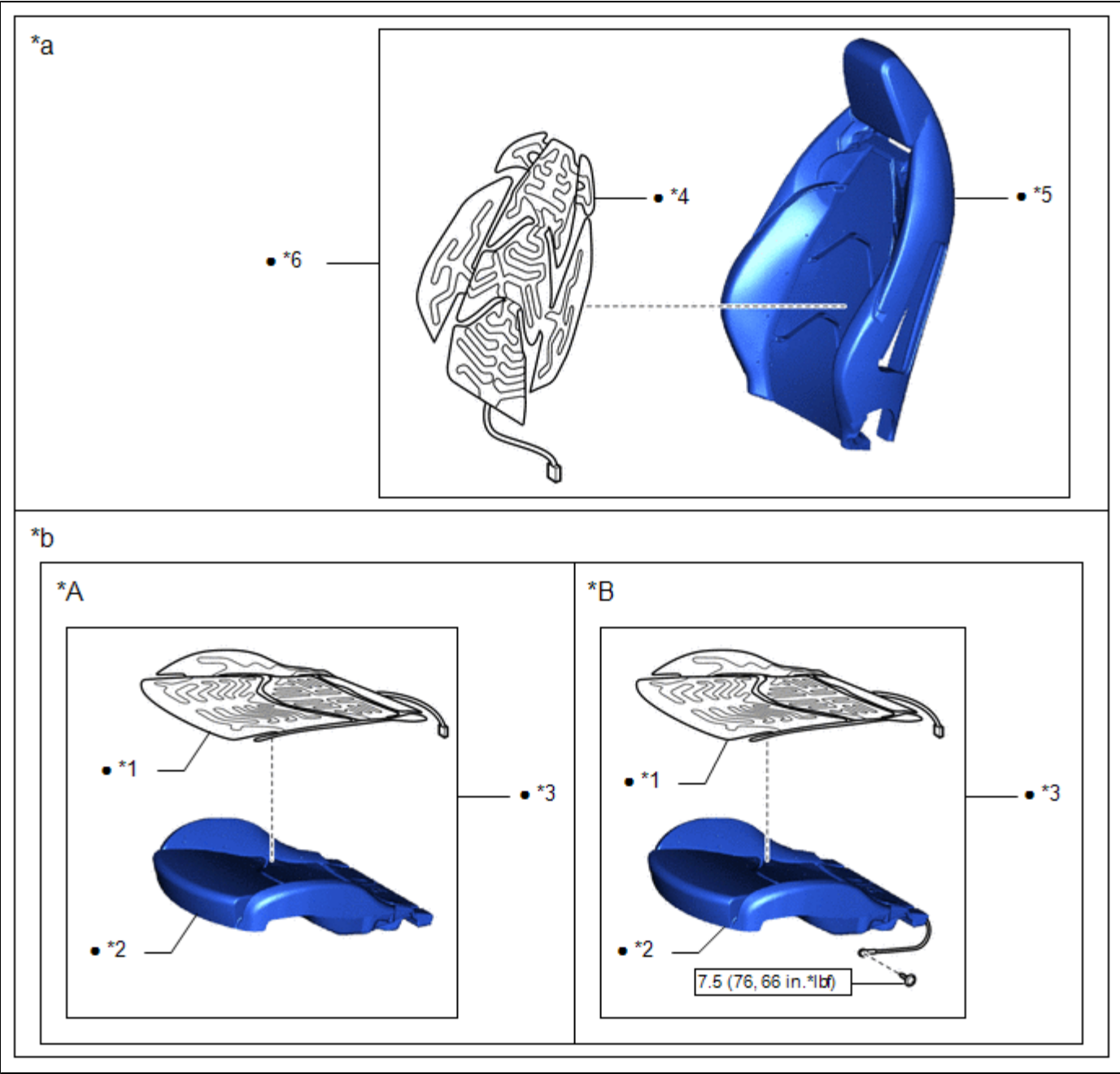
*A	w/o Occupant Detection ECU	*B	w/ Occupant Detection ECU
*1	SEPARATE TYPE FRONT SEAT CUSHION COVER	*2	SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD
*3	FRONT SEAT SUPPORT	*4	SEPARATE TYPE FRONT SEAT CUSHION PAD WITH HEATER ASSEMBLY
*5	HOG RING	*6	RIVET
*a	When Reusing the Separate Type Front Seat Cushion Pad with Heater Assembly	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	●	Non-reusable part

ILLUSTRATION



*A	for Front Passenger Side	*B	w/o Occupant Detection ECU
*C	w/ Seat Position Airbag Sensor	*D	for Driver Side
*1	SEAT POSITION SENSOR MAGNET	*2	BELT WARNING OCCUPANT DETECTION SENSOR
*3	POSITION CONTROL ECU ASSEMBLY	*4	SEAT HEATER CONTROL SUB-ASSEMBLY
*5	SEAT POSITION AIRBAG SENSOR	*6	SEPARATE TYPE FRONT SEATBACK SPRING ASSEMBLY
*7	FRONT SEAT ADJUSTER ASSEMBLY	*8	RIVET
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

ILLUSTRATION



*A	w/o Occupant Detection ECU	*B	w/ Occupant Detection ECU
*1	FRONT SEAT CUSHION HEATER ASSEMBLY	*2	SEPARATE TYPE FRONT SEAT CUSHION PAD
*3	SEPARATE TYPE FRONT SEAT CUSHION PAD WITH HEATER ASSEMBLY	*4	FRONT SEATBACK HEATER ASSEMBLY
*5	SEPARATE TYPE FRONT SEATBACK PAD	*6	SEPARATE TYPE FRONT SEATBACK PAD WITH HEATER ASSEMBLY
*a	When Replacing the Front Seatback Heater Assembly	*b	When Replacing the Front Seat Cushion Heater Assembly
N*m (kgf*cm, ft.*lbf): Specified			

	torque	•	Non-reusable part
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Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD37
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

NOTICE:

- Before performing work on electronic components, disconnect the cable from the negative (-) battery terminal to prevent damage to the electrical system or components.
- When disconnecting the cable, turn the START-STOP button (engine switch) and headlight switch off and loosen the cable nut completely. Perform these operations without twisting or prying on the cable. Then disconnect the cable.
- Clock settings, radio settings, audio system memory, DTCs and other data will be cleared when the cable is disconnected from the negative (-) battery terminal. Write down any necessary data before disconnecting the cable.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. DISCONNECT FRONT SEAT OUTER BELT ASSEMBLY

Click here [INFO](#)

2. REMOVE FRONT SEAT ASSEMBLY

CAUTION:

- Airbag unit.

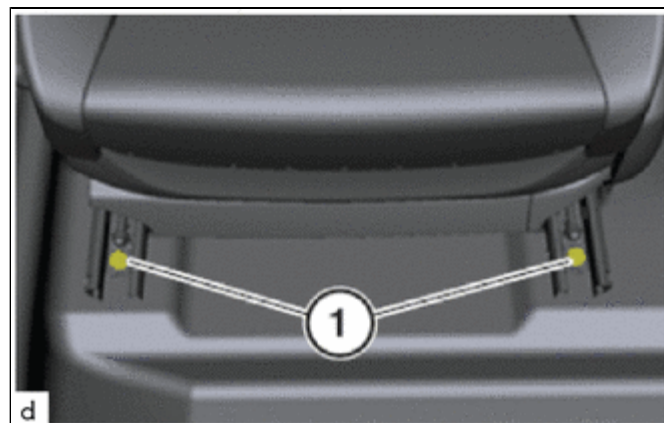
Danger! Life-threatening injuries!



- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- 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:

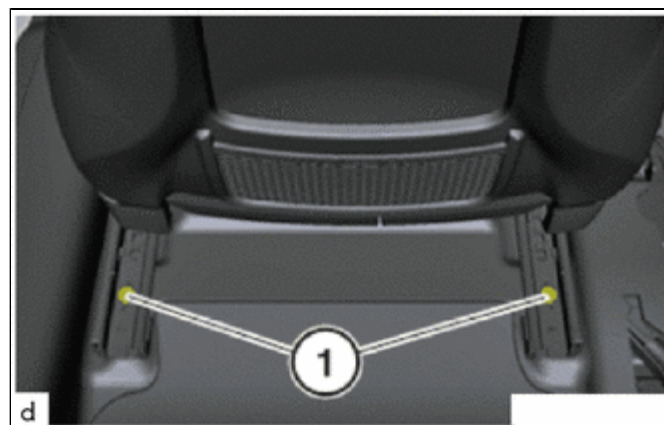
Click here

(a) Move the front seat assembly to the rearmost position.

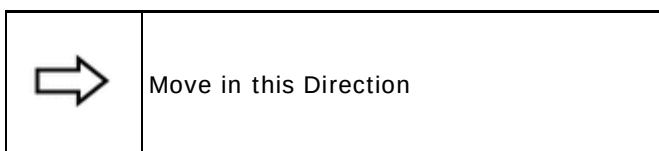
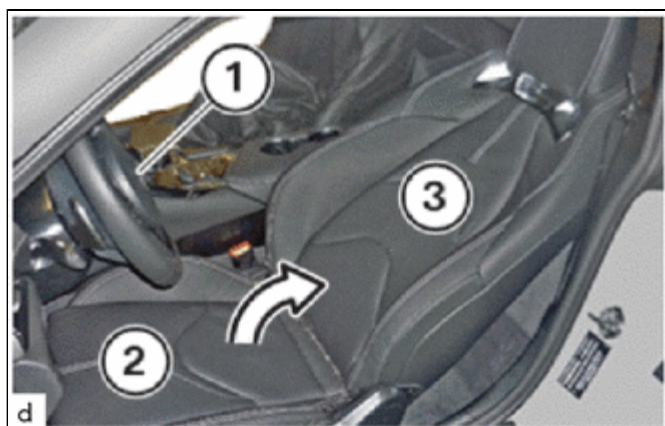


(b) Loosen the T50 bolts (1).

(c) Move the front seat assembly to the foremost position.



(d) Loosen the T50 bolts (1).



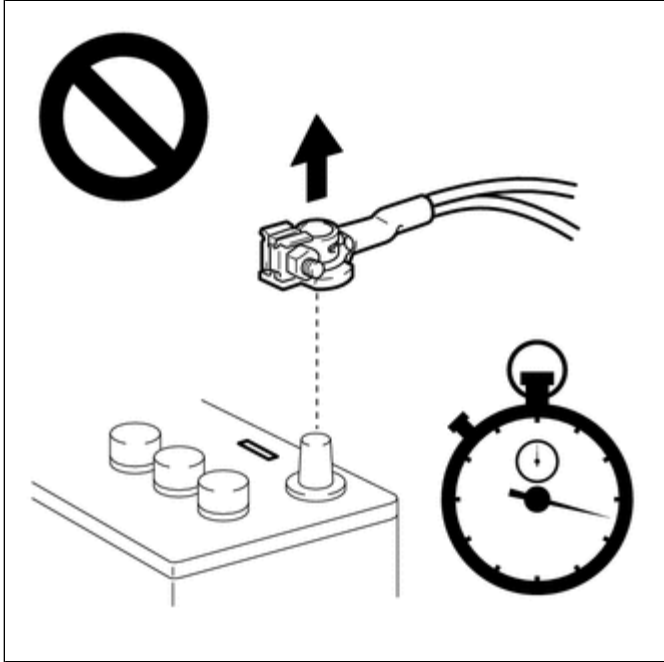
(e) Move the steering column (1) completely forwards and upwards.

- (f) Move the front seat assembly (2) to the foremost position.
- (g) Move the rear seatback (3) as shown in the illustration.
- (h) Disconnect the cable from the negative (-) battery terminal.

Click here [INFO](#)

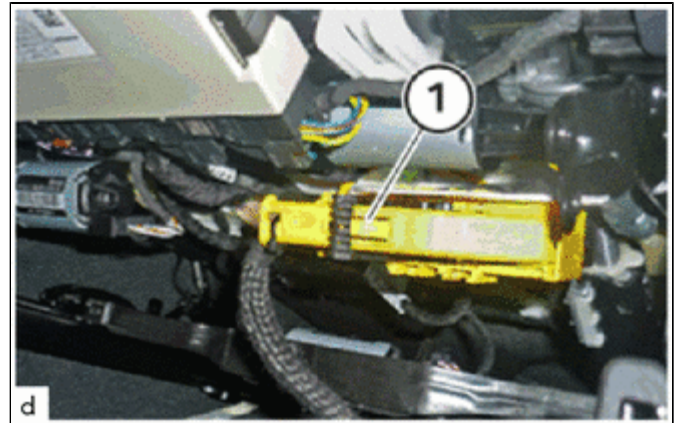
CAUTION:

- 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.



- (i) Cover the front door scuff plate with protective covers.

- (j) Tilt the front seat assembly backwards to disconnect the connector (1).



- (k) Remove the front seat assembly with another person.

NOTICE:

- Heavy component.

Heavy components can lead to injury or damage.

- Remove and install heavy components with the aid of another person/other persons.

- Protect the front seat leg.
- Be careful not to damage the front seat assembly, body exterior or body interior.



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD38
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): DISASSEMBLY; 2020 MY Supra [03/2019 -]		

DISASSEMBLY

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. REMOVE OCCUPANT DETECTION ECU (w/ Occupant Detection ECU)

Click here [INFO](#)

2. REMOVE FRONT SEAT INNER BELT ASSEMBLY

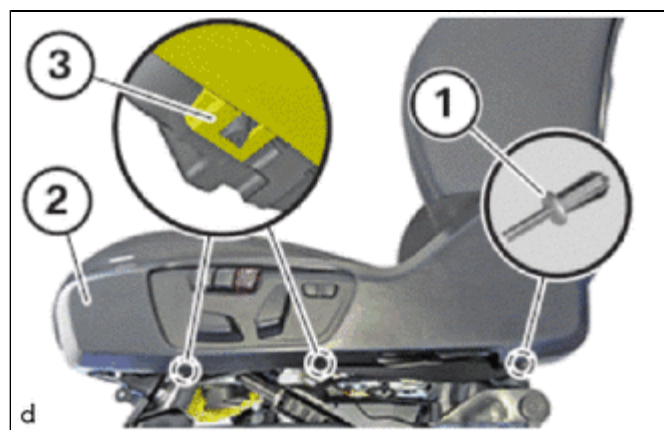
Click here [INFO](#)

3. REMOVE FRONT SEAT CUSHION INNER SHIELD

Click here [INFO](#)

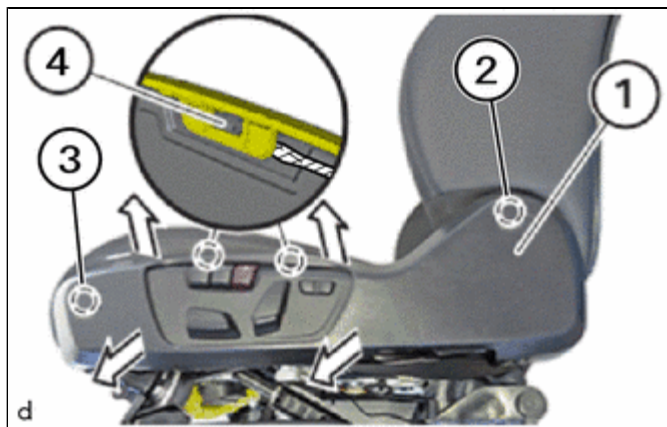
4. REMOVE FRONT SEAT CUSHION SHIELD

(a) Remove the clip (1).



(b) Detach the claws (3) to separate the front seat cushion shield (2) from outward.

(c) Pull the bottom of front seat cushion shield (1) outwards slightly.



	Remove in this Direction
	Protective Tape

(d) Detach the guide (2) and guide (3).

(e) Using a screwdriver with its tip wrapped in protective tape, detach the claws (4) to remove the front seat cushion shield (1).

5. REMOVE CHILD RESTRAINT SEAT ANCHOR BRACKET (w/ Bracket)

Click here [INFO](#)

6. REMOVE FRONT POWER SEAT SWITCH (for Driver Side)

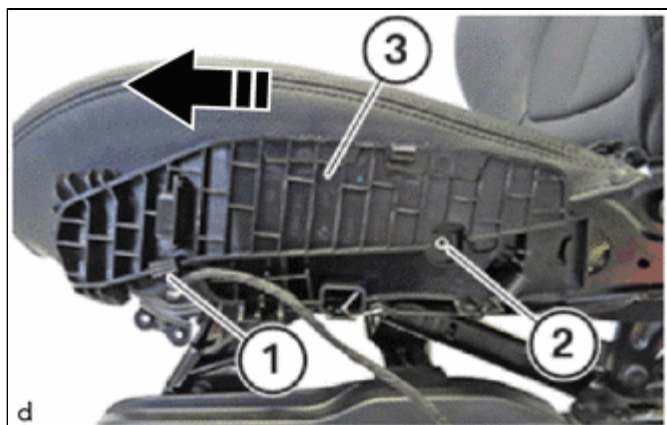
Click here [INFO](#)

7. REMOVE FRONT POWER SEAT SWITCH (for Front Passenger Side)

Click here [INFO](#)

8. REMOVE FRONT SEAT SUPPORT

(a) Detach the clamp (1).



	Remove in this Direction
--	--------------------------



(b) Cover the area around the rivet (2).

(c) Drill out the rivet (2).

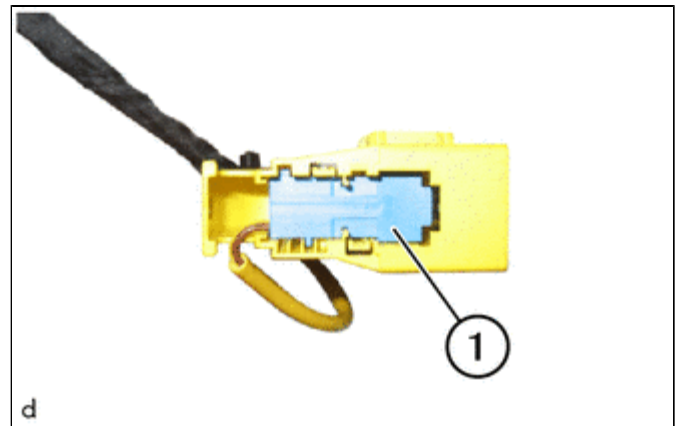
NOTICE:

- Do not drill the rivet at an angle as this will cause damage to the drill and rivet installation hole. Line up the drill with the rivet, and carefully drill out the rivet head.
- Be careful as the drilled rivet will be very hot.

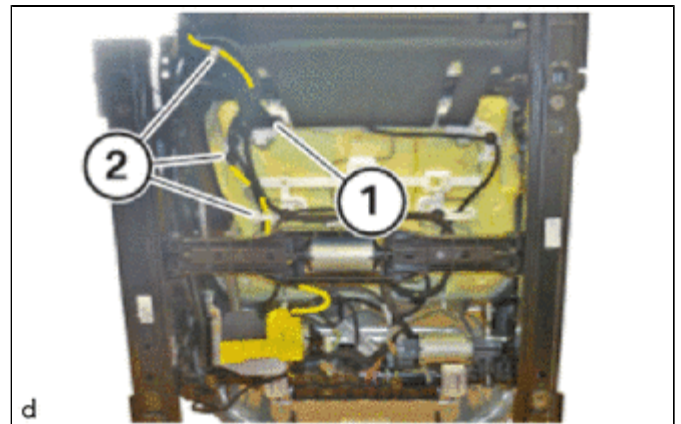
(d) Remove the front seat support forwards.

9. REMOVE FRONT SEAT AIRBAG ASSEMBLY

(a) Disconnect the connector (1) from the connector housing.



(b) Detach the separate type front seat cushion cover (1).



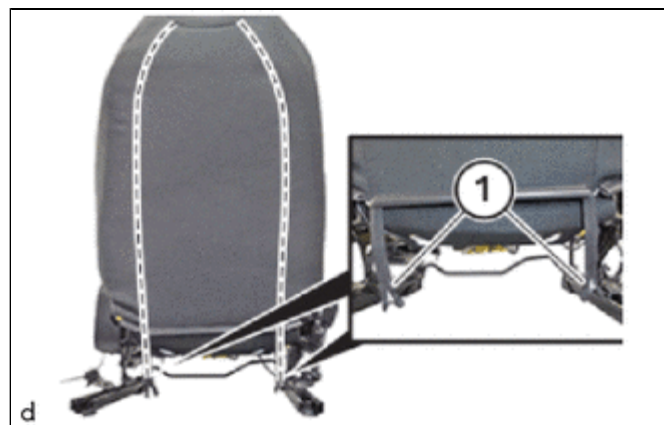
(c) Detach the clamps (2).

(d) Detach the separate type front seatback cover (1) in the marked area.

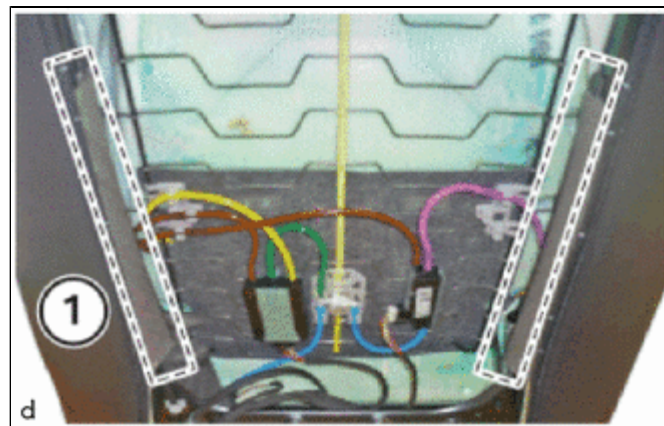


(e) Using a special tool 0 490 472 (00 5 020), open the fasteners (1) in the marked area.

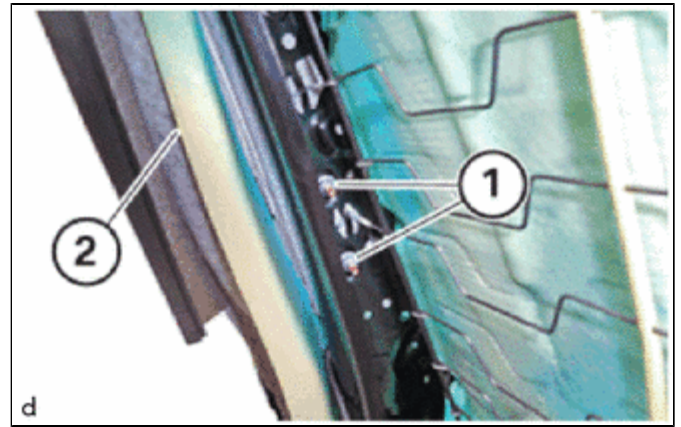
SST: 09300-WA180



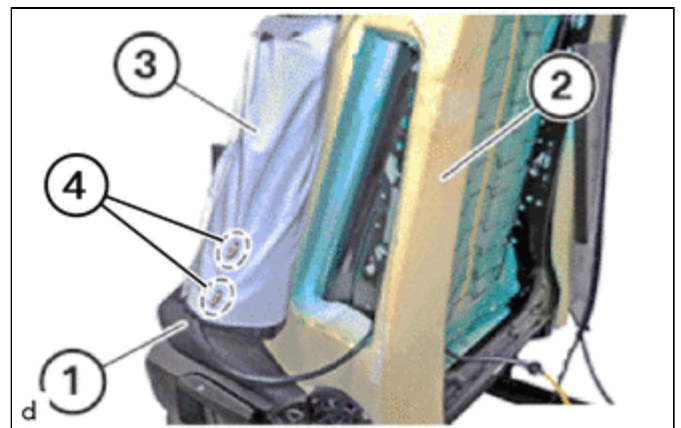
(f) Detach the separate type front seatback cover (1) in the marked area.



(g) Loosen the nuts (1).



(h) Fold the separate type front seatback cover with pad (2) to the side.



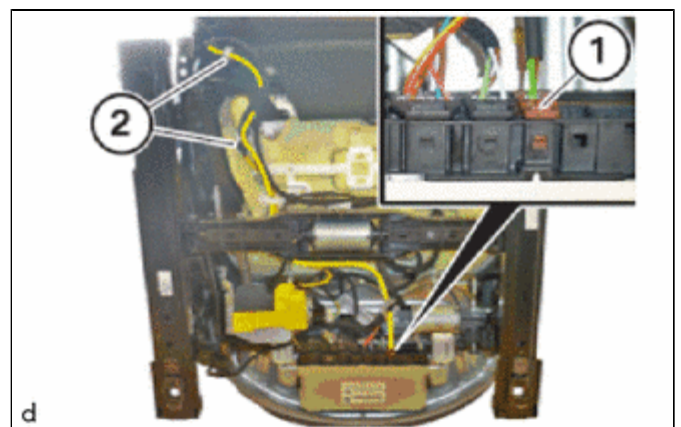
(i) Pull the front seat airbag assembly (1) carefully from the separate type front seatback pad (2).

(j) Remove the front seat airbag assembly (1) out carefully from the pocket in the separate type front seatback cover (3).

NOTICE:

Make sure that the stud bolts (4) do not damage the pocket in the separate type front seatback cover.

10. REMOVE SEPARATE TYPE FRONT SEATBACK COVER WITH PAD



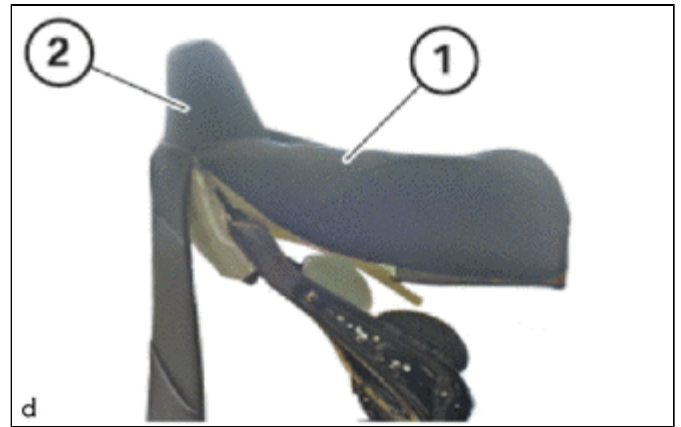
(a) Disconnect the connector (1).

(b) Detach the clamps (2).

(c) Position the separate type front seatback cover with pad (1) as illustrated.

NOTICE:

Handle the separate type front seatback cover with pad (1) carefully to avoid damage.



(d) Remove the separate type front seatback cover with pad (1) from the front seat headrest assembly (2).

11. REMOVE FRONT SEATBACK GARNISH

Click here [INFO](#)

12. REMOVE SEPARATE TYPE FRONT SEATBACK COVER

Click here [INFO](#)

13. REMOVE FRONT SEAT HEADREST ASSEMBLY

Click here [INFO](#)

14. REMOVE FRONT SEATBACK BOARD

Click here [INFO](#)

15. REMOVE FRONT SEAT HEADREST SUPPORT

Click here [INFO](#)

16. REMOVE LUMBAR SUPPORT ADJUSTER ASSEMBLY (w / Lumbar Support)

Click here [INFO](#)

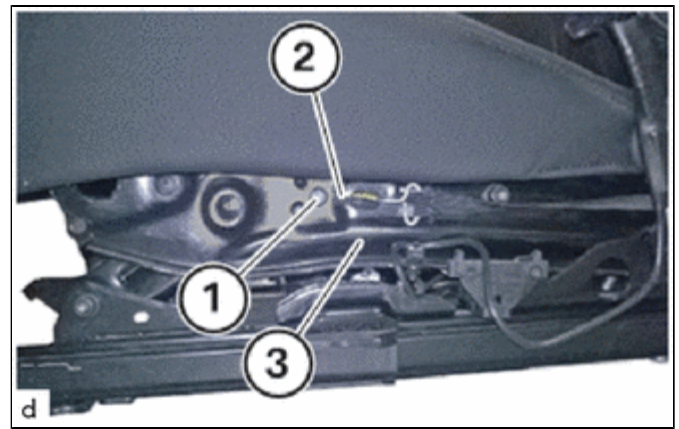
17. REMOVE SEATBACK SIDE SUPPORT ADJUSTER ASSEMBLY

Click here [INFO](#)

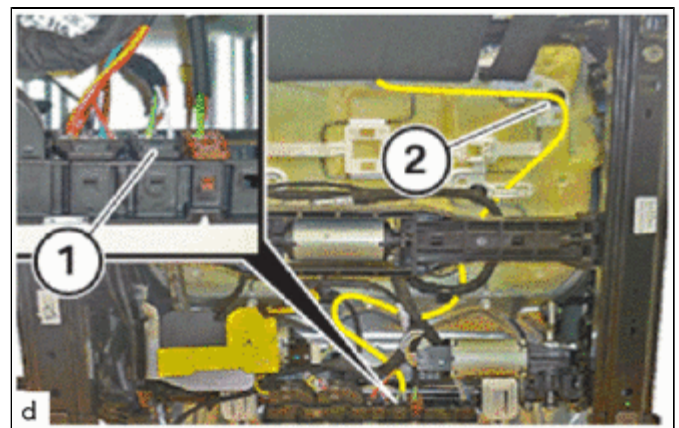
18. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD

(a) w/ Occupant Detection ECU:

(1) Loosen the screw (1).

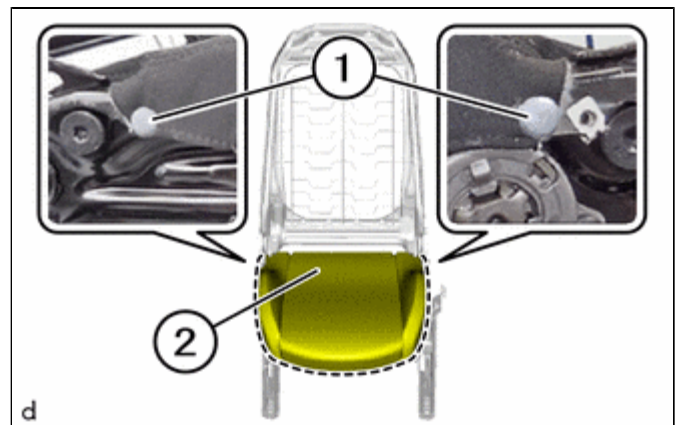


(2) Remove the cable (2) from the front seat adjuster assembly (3).



(b) Disconnect the connector (1).

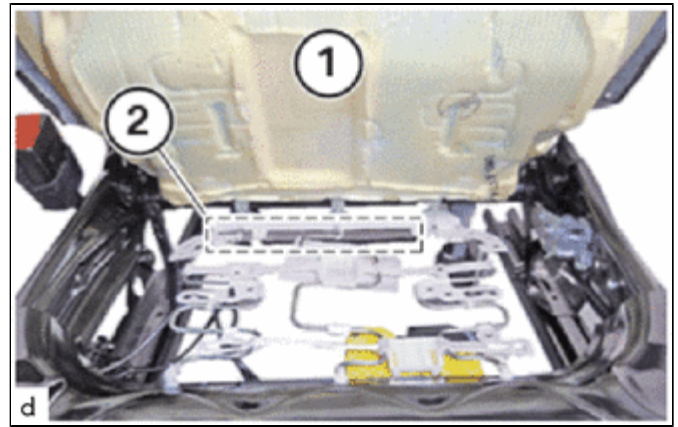
(c) Detach the clamp (2).



(d) Using a clip remover, detach the clips (1).

(e) Detach the separate type front seat cushion cover with pad (2) in the marked area.

- (f) Position the separate type front seat cushion cover with pad (1) as illustrated.



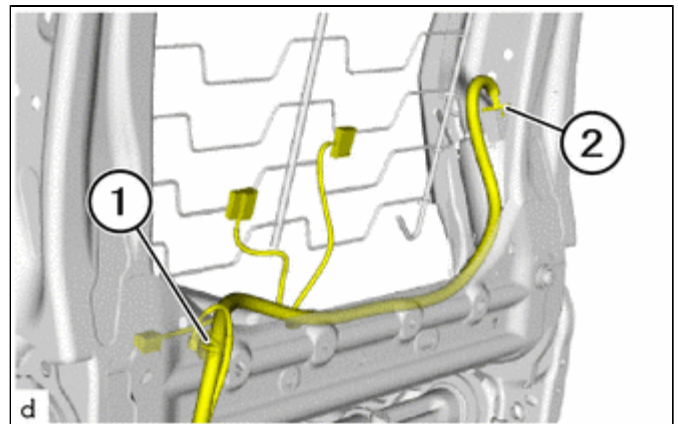
- (g) Detach the separate type front seat cushion cover with pad (1) in the marked area (2).

19. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER

Click here [INFO](#)

20. REMOVE SEPARATE TYPE FRONT SEATBACK SPRING ASSEMBLY

- (a) Disconnect the connector (2).

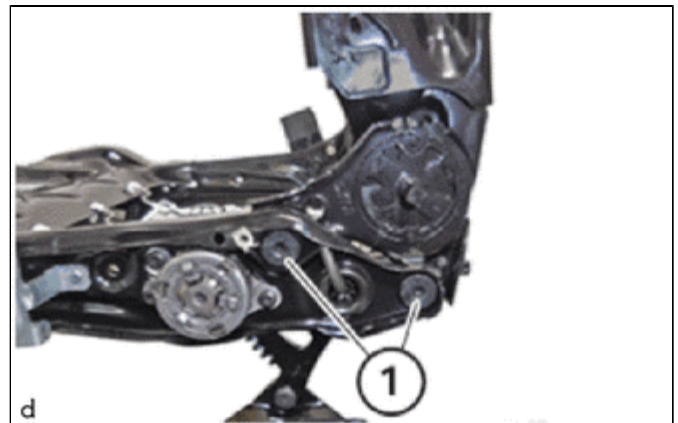


- (b) Detach the clamp (1) to separate the front seat wire.

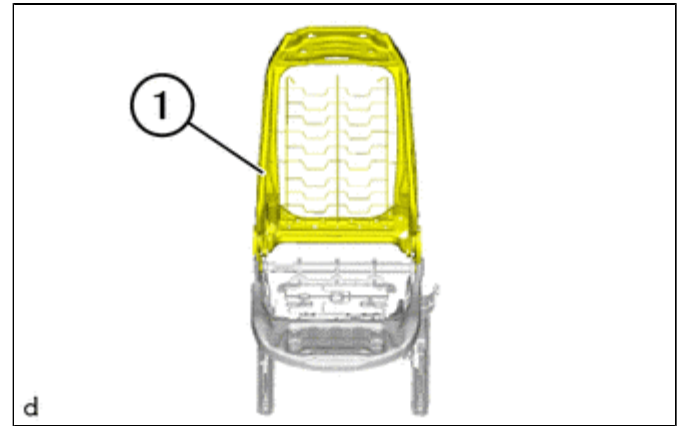
- (c) Loosen the T50 bolts (1).

HINT:

Use the same procedure for the opposite side.

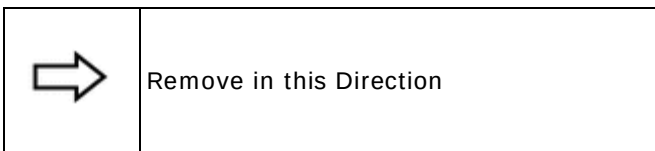
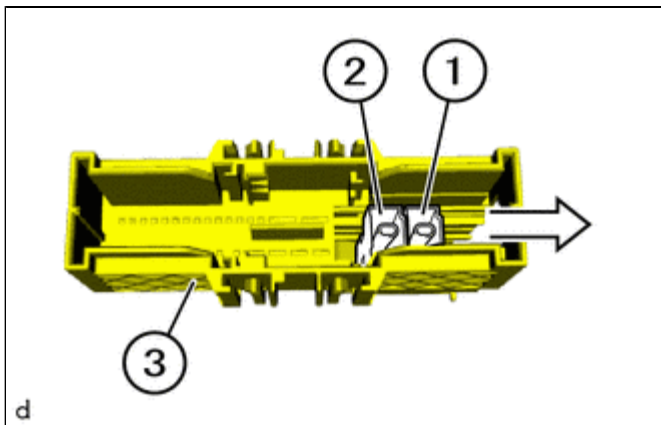


(d) Remove the separate type front seatback spring assembly (1).

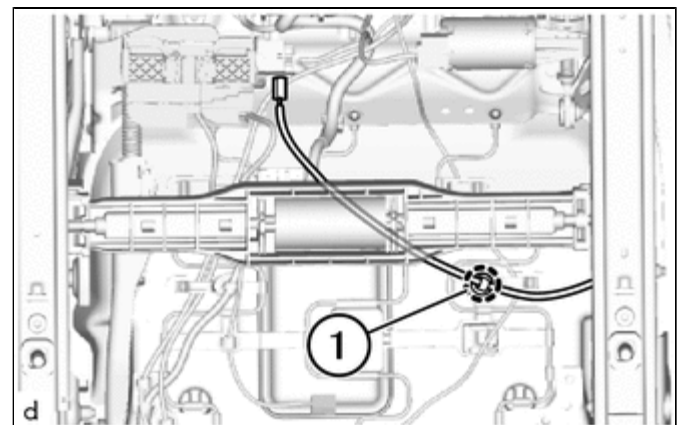


21. REMOVE SEAT POSITION AIRBAG SENSOR (w/ Seat Position Airbag Sensor)

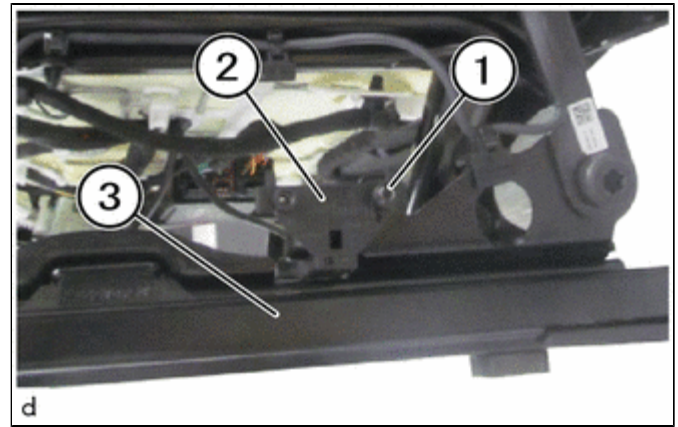
(a) Remove the connectors in order from (1) to (2) and pull them out of the connector housing (3) one after another in the direction of the arrow.



(b) Detach the clamp (1).



(c) Loosen the bolt (1).



(d) Pull the seat position airbag sensor (2) out up of the front seat adjuster assembly (3) upwards and remove.

22. REMOVE SEAT POSITION SENSOR MAGNET (w/ Seat Position Airbag Sensor)

Click here [INFO](#)

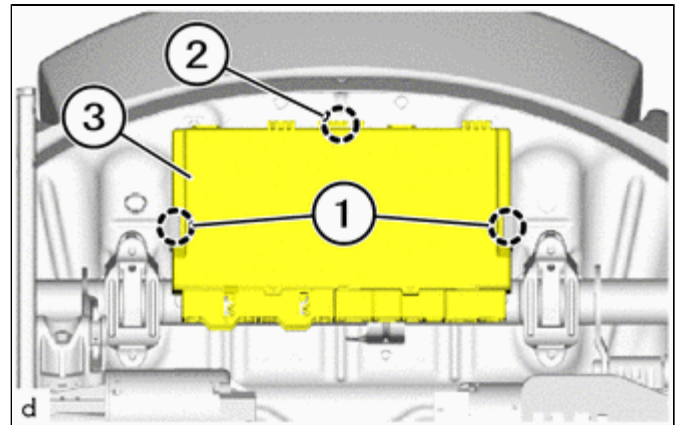
23. REMOVE BELT WARNING OCCUPANT DETECTION SENSOR (for Front Passenger Side)

- w/o Occupant Detection ECU:

Click here [INFO](#)

24. REMOVE POSITION CONTROL ECU ASSEMBLY (for Driver Side)

(a) Detach the clamps (1) and guide (2) to remove the position control ECU assembly (3).



25. REMOVE SEAT HEATER CONTROL SUB-ASSEMBLY (for Front Passenger Side)

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD39
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): REASSEMBLY; 2020 MY Supra [03/2019 -]		

REASSEMBLY

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

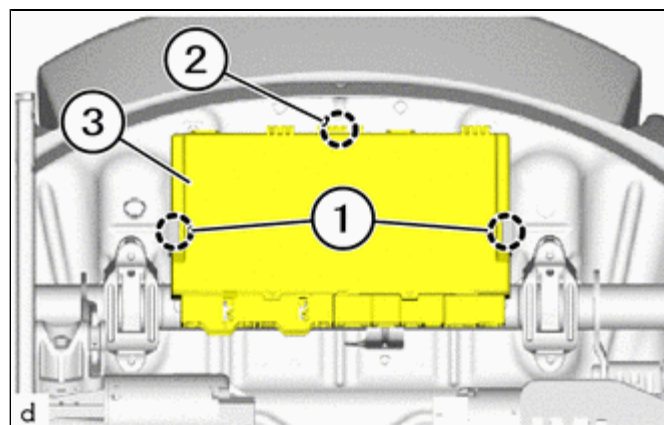
PROCEDURE

1. INSTALL SEAT HEATER CONTROL SUB-ASSEMBLY (for Front Passenger Side)

Click here [INFO](#)

2. INSTALL POSITION CONTROL ECU ASSEMBLY (for Driver Side)

(a) Attach the guide (2) and clamps (1) to install the position control ECU assembly (3).



3. INSTALL BELT WARNING OCCUPANT DETECTION SENSOR (for Front Passenger Side)

- w/o Occupant Detection ECU:

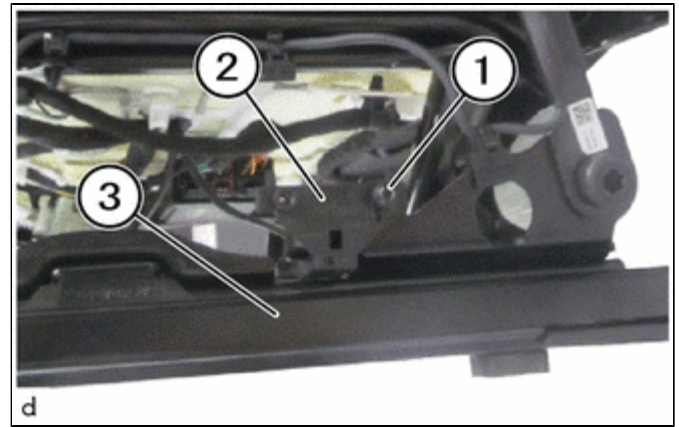
Click here [INFO](#)

4. INSTALL SEAT POSITION SENSOR MAGNET (w / Seat Position Airbag Sensor)

Click here [INFO](#)

5. INSTALL SEAT POSITION AIRBAG SENSOR (w / Seat Position Airbag Sensor)

(a) Install the seat position airbag sensor (2) to the front seat adjuster assembly (3) from above and position it correctly.

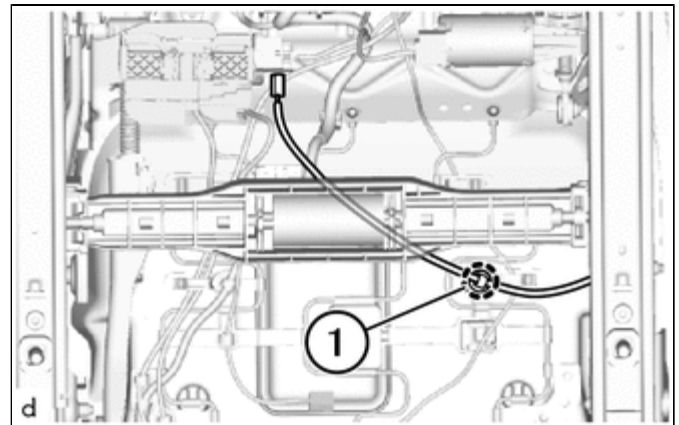


(b) Tighten the bolt (1).

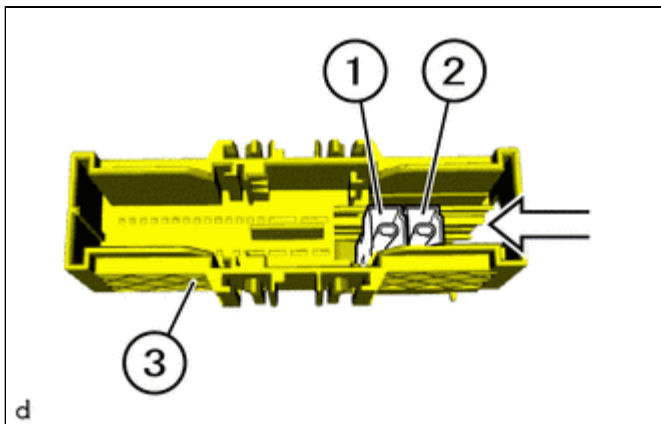
Torque:

1.3 N·m {13 kgf·cm, 12 in·lbf}

(c) Attach the clamp (1).



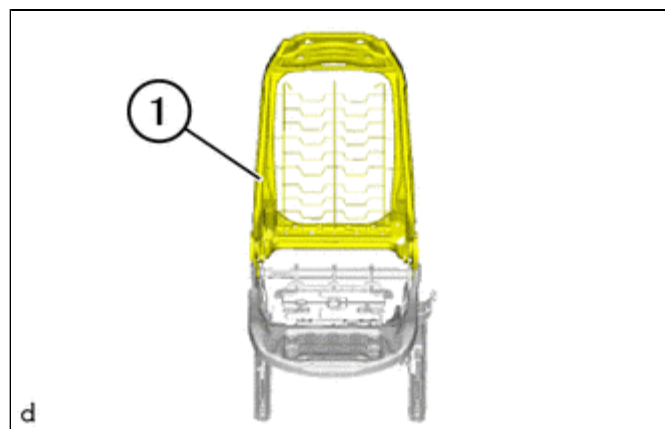
(d) Install the connectors correctly into the connector housing (3) in the sequence (1) to (2) in the direction of arrow.



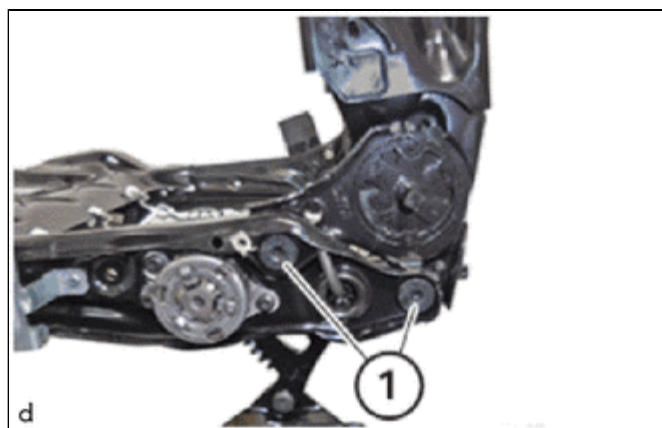
Install in this Direction

6. INSTALL SEPARATE TYPE FRONT SEATBACK SPRING ASSEMBLY

- (a) Position the separate type front seatback spring assembly (1) correctly.



- (b) Replace the T50 bolts (1).



- (c) Tighten the T50 bolts (1).

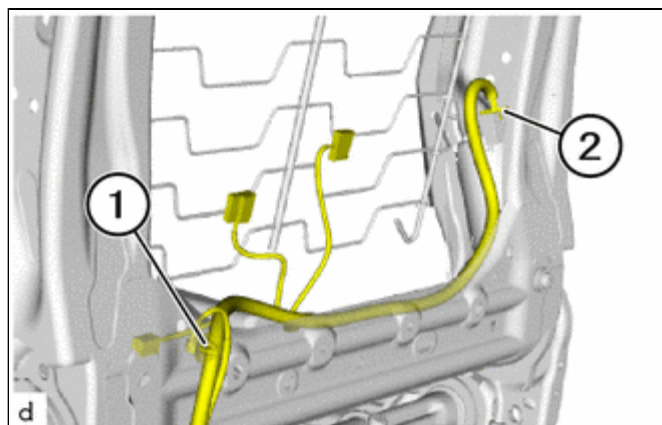
Torque:

44 N·m {449 kgf·cm, 32 ft·lbf}

HINT:

Use the same procedure for the opposite side.

- (d) Attach the clamp (1) to connect the front seat wire.



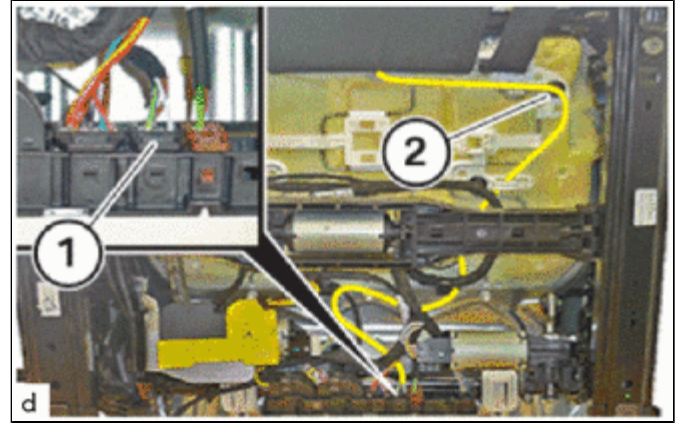
(e) Connect the connector (2).

7. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER

Click here [INFO](#)

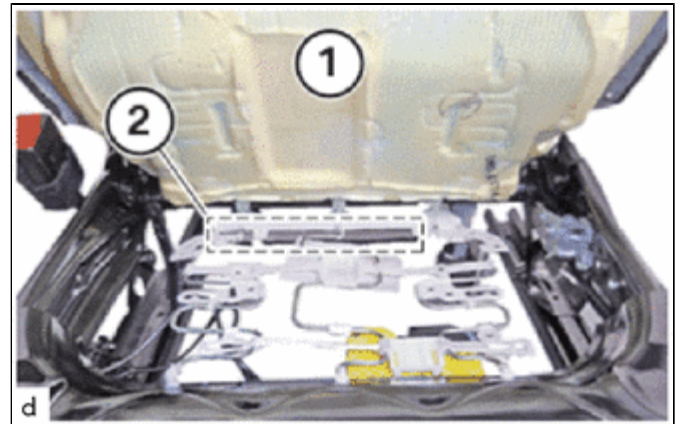
8. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD

(a) Attach the clamp (2).



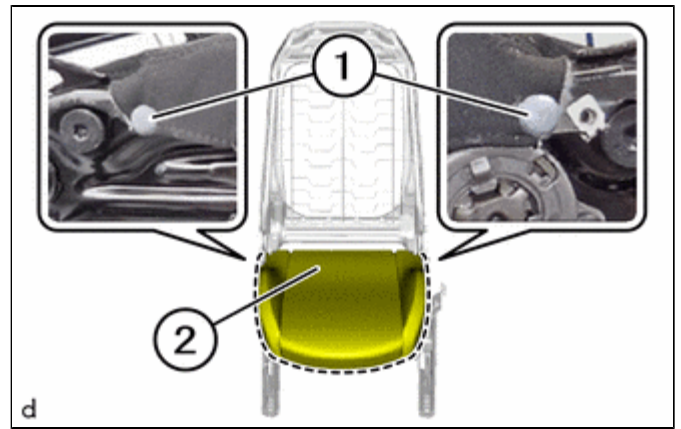
(b) Connect the connector (1).

(c) Position the separate type front seat cushion cover with pad (1) as illustrated.



(d) Attach the separate type front seat cushion cover with pad (1) in the marked area (2).

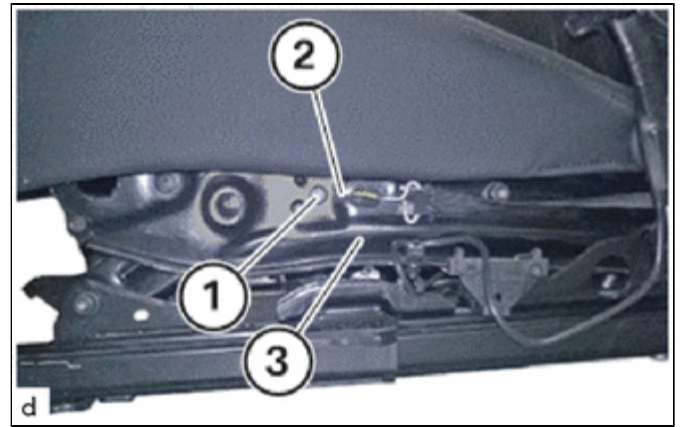
(e) Attach the separate type front seat cushion cover with pad (2) correctly in the marked area.



(f) Install the clips (1).

(g) w/ Occupant Detection ECU:

(1) Install the cable (2) to the front seat adjuster assembly (3).



(2) Tighten the screw (1).

Torque:

7.5 N·m {76 kgf·cm, 66 in·lbf}

9. INSTALL SEATBACK SIDE SUPPORT ADJUSTER ASSEMBLY

Click here [INFO](#)

10. INSTALL LUMBAR SUPPORT ADJUSTER ASSEMBLY (w/ Lumbar Support)

Click here [INFO](#)

11. INSTALL FRONT SEAT HEADREST SUPPORT

Click here [INFO](#)

12. INSTALL FRONT SEATBACK BOARD

Click here [INFO](#)

13. INSTALL FRONT SEAT HEADREST ASSEMBLY

Click here [INFO](#)

14. INSTALL SEPARATE TYPE FRONT SEATBACK COVER

Click here [INFO](#)

15. INSTALL FRONT SEATBACK GARNISH

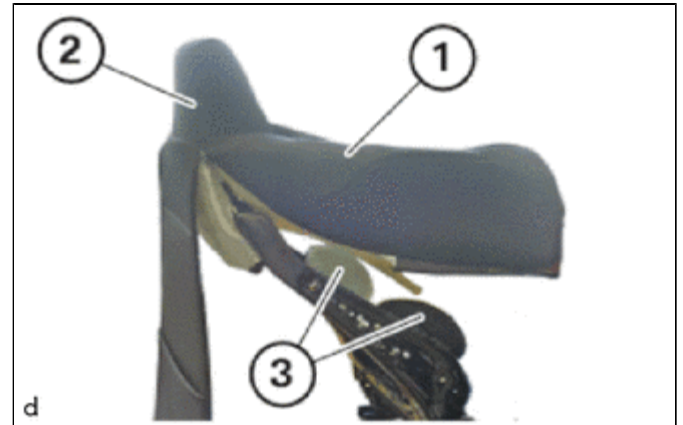
Click here [INFO](#)

16. INSTALL SEPARATE TYPE FRONT SEATBACK COVER WITH PAD

- (a) Install the separate type front seatback cover with pad (1) correctly over the front seat headrest assembly (2).

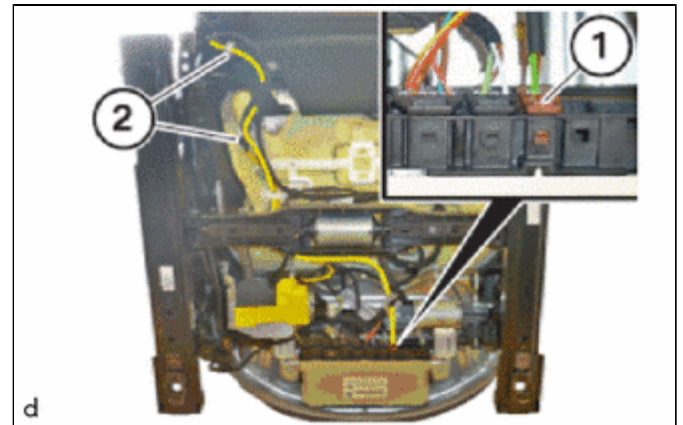
NOTICE:

Handle the separate type front seatback cover with pad (1) carefully to prevent damage.



- (b) Install the separate type front seatback cover with pad (1) correctly on the backrest width adjustment (3).

- (c) Attach the clamps (2).



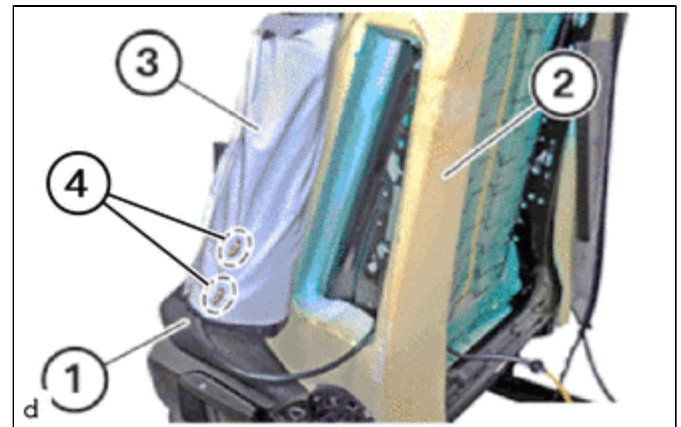
- (d) Connect the connector (1).

17. INSTALL FRONT SEAT AIRBAG ASSEMBLY

- (a) Install the front seat airbag assembly (1) carefully into the pocket of separate type front seatback cover (3).

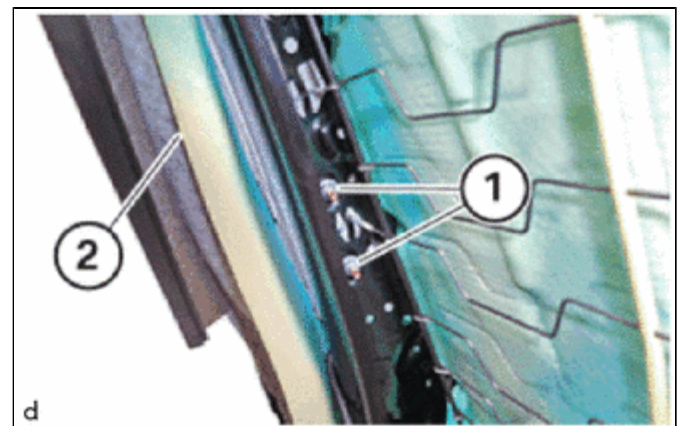
NOTICE:

Make sure that the stud bolts (4) do not damage the pocket in the separate type front seatback cover.



(b) Position the front seat airbag assembly (1) correctly in the separate type front seatback pad (2).

(c) Position the separate type front seatback cover with pad (2) correctly.



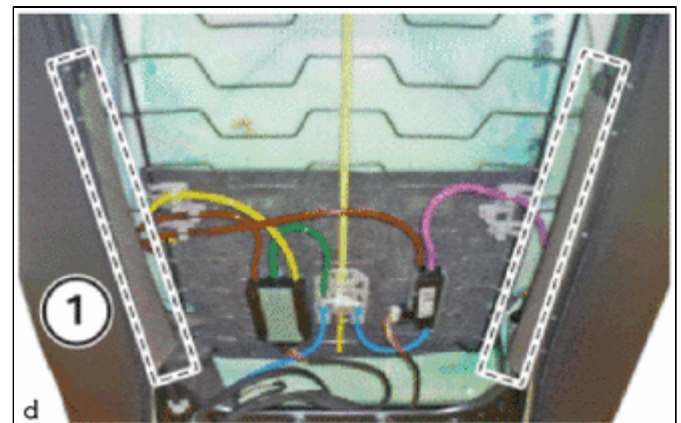
(d) Replace the nuts (1).

(e) Tighten the nuts (1).

Torque:

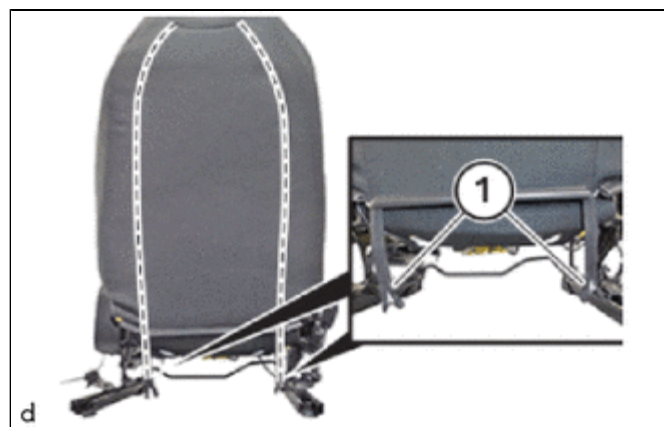
6.5 N·m {66 kgf·cm, 58 in·lbf}

(f) Attach the separate type front seatback cover with pad (1) correctly in the marked area.



(g) Using a special tool 0 490 472 (00 5 020), close the fasteners (1) in the marked area.

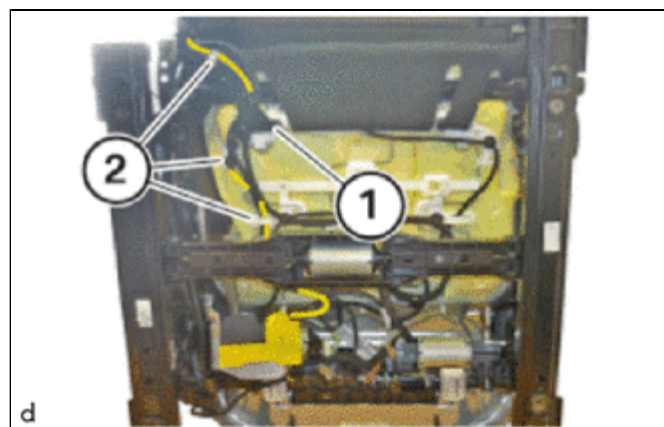
SST: 09300-WA180



(h) Attach the separate type front seatback cover (1) correctly in the marked area.

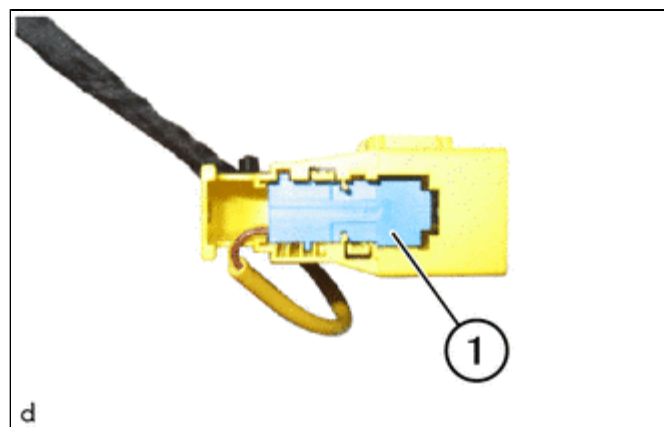


(i) Attach the clamps (2).



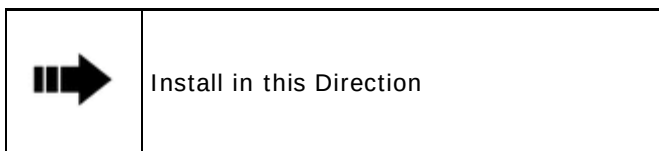
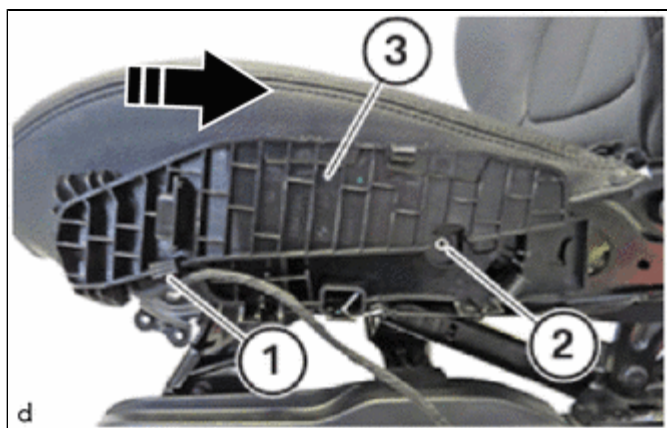
(j) Attach the separate type front seat cushion cover (1).

(k) Connect the connector (1) to the connector housing.



18. INSTALL FRONT SEAT SUPPORT

(a) Install the front seat support (3) backwards.

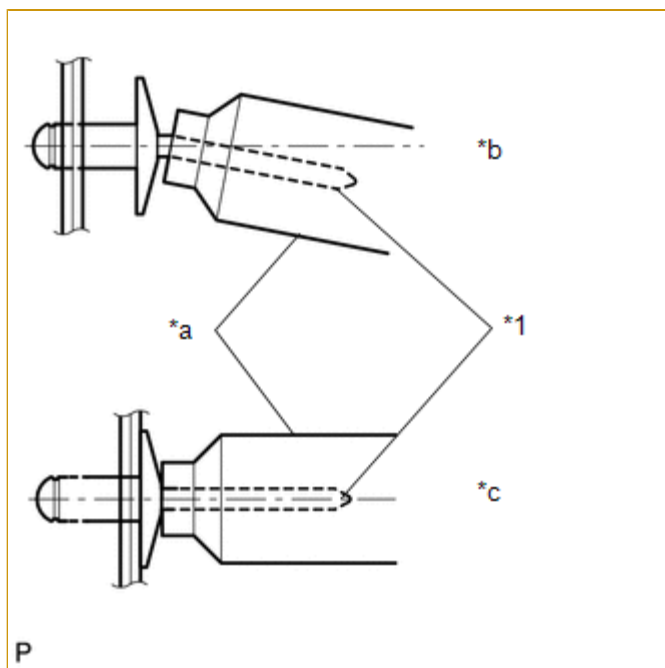


(b) Replace the rivet (2).

(c) Fasten the front seat support (3) with the rivet (2).

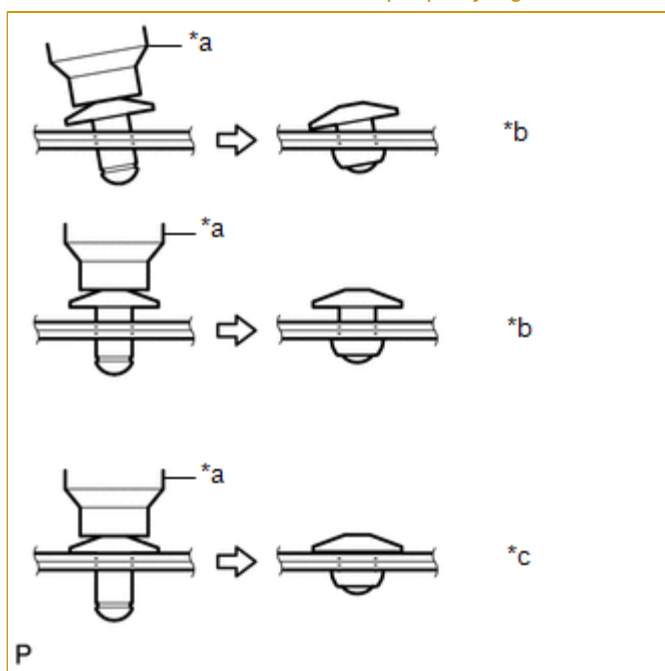
NOTICE:

- Do not pry on the rivet with the riveter, as this will cause damage to the riveter and mandrel.



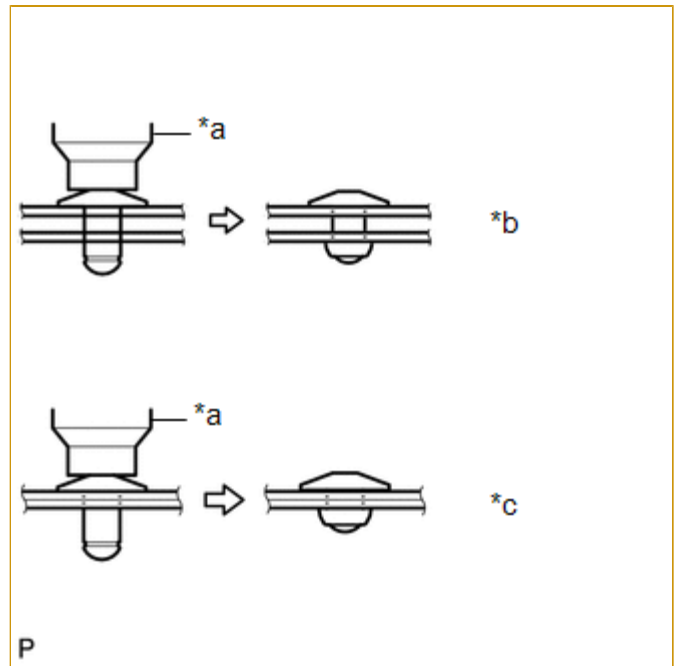
*1	Mandrel
*a	Riveter
*b	Incorrect
*c	Correct

- Confirm that the rivet is seated properly against the front seat support.



*a	Riveter
*b	Incorrect
*c	Correct

- Do not tilt the riveter when installing the front seat support with the rivet.
- Do not leave any space between the rivet head and front seat support.
- Do not leave any space between the front seat support and front seat assembly. Firmly hold the front seat support



and front seat assembly together while installing the rivet.

*a	Riveter
*b	Incorrect
*c	Correct

HINT:

If the mandrel of the rivet does not come off on the first operation of the rivet gun, slide the rivet gun forward on the mandrel and operate it again.

(d) Attach the clamp (1).

19. INSTALL FRONT POWER SEAT SWITCH (for Driver Side)

Click here [INFO](#)

20. INSTALL FRONT POWER SEAT SWITCH (for Front Passenger Side)

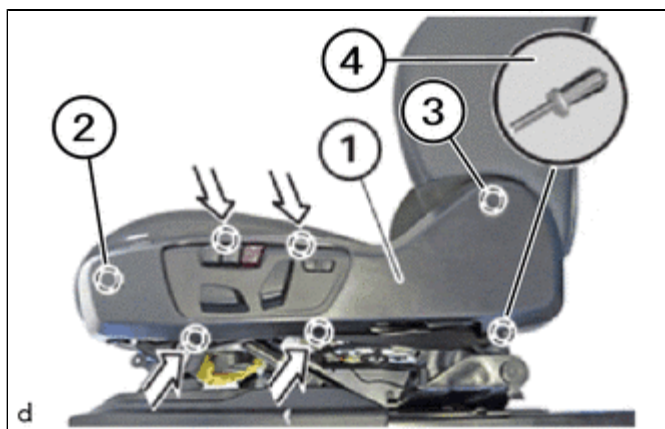
Click here [INFO](#)

21. INSTALL CHILD RESTRAINT SEAT ANCHOR BRACKET (w/ Bracket)

Click here [INFO](#)

22. INSTALL FRONT SEAT CUSHION SHIELD

(a) Attach the claws in the direction of the arrow.





Install in this Direction

(b) Attach the guide (2) and guide (3).

(c) Attach the claws to install the front seat cushion shield (1) in the direction of the arrow.

(d) Install the clip (4).

23. INSTALL FRONT SEAT CUSHION INNER SHIELD

Click here [INFO](#)

24. INSTALL FRONT SEAT INNER BELT ASSEMBLY

Click here [INFO](#)

25. INSTALL OCCUPANT DETECTION ECU (w / Occupant Detection ECU)

Click here [INFO](#)



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3A
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT ASSEMBLY (for Power Seat): INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. INSTALL FRONT SEAT ASSEMBLY

- Cover the front door scuff plate with protective covers.
- Place the front seat assembly in the vehicle with another person.

NOTICE:

- Heavy component.

Heavy components can lead to injury or damage.

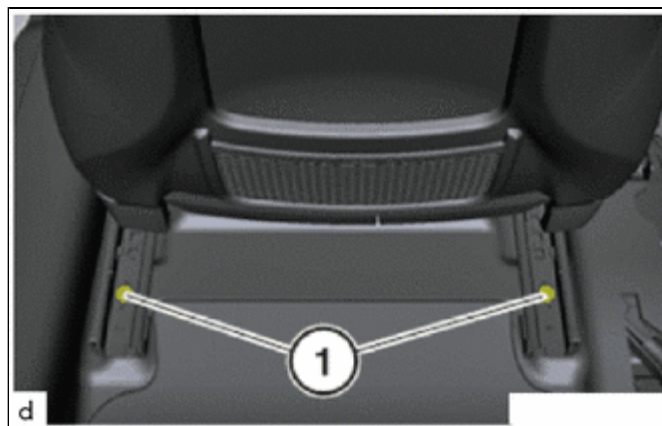
- Remove and install heavy components with the aid of another person/other persons.

- Protect the front seat leg.
- Be careful not to damage the front seat assembly, body exterior or body interior.

- Tilt the front seat assembly backwards to connect the connector.
- Connect the cable to the negative (-) battery terminal.

Click here [INFO](#)

- Move the front seat assembly to the foremost position.

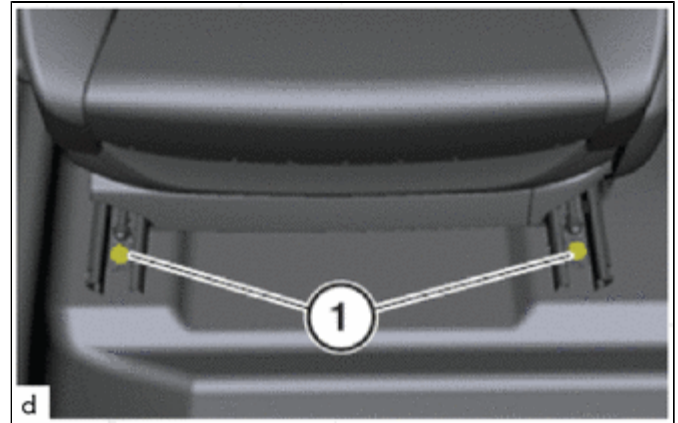


- Replace the T50 bolts(1).
- Tighten the T50 bolts(1).

Torque:

42 N·m {428 kgf·cm, 31 ft·lbf}

(h) Move the front seat assembly to the rearmost position.



(i) Replace the T50 bolts(1).

(j) Tighten the T50 bolt(1).

Torque:

42 N·m {428 kgf·cm, 31 ft·lbf}

2. CONNECT FRONT SEAT OUTER BELT ASSEMBLY

Click here [INFO](#)

3. ENCODE / PROGRAM CONTROL UNIT(S) (w / Occupant Detection ECU)

NOTICE:

- Use the most recent software version to prevent faults during programming/encoding.
- The battery voltage must not drop below 13.0 V during programming.
- Use only recommended chargers for a low-voltage vehicle electrical system.
- Do not exceed the maximum charging voltage of 14.8 V when charging the battery.
- When there is communication abnormality in the middle of work, control unit might be damaged.

(a) Connect the battery charger to the vehicle.

(b) Connect the diagnosis system with the vehicle.

(c) Determine the action plan.

Service plan / Programming plan / Action plan / Calculate action plan

(d) Accept and fully process the measures plan.

Service plan / Programming plan / Action plan / Perform action plan

(e) Wait until programming/encoding has been completed.

NOTICE:

When there is communication abnormality in the middle of work, control unit might be damaged.

(f) Carry out vehicle test.

Vehicle management / Troubleshooting / Fault memory / Calculate test plan

(g) Delete the fault memory.

Vehicle management / Troubleshooting / Fault memory / Delete fault memory

(h) Disconnect the diagnosis system from the vehicle.

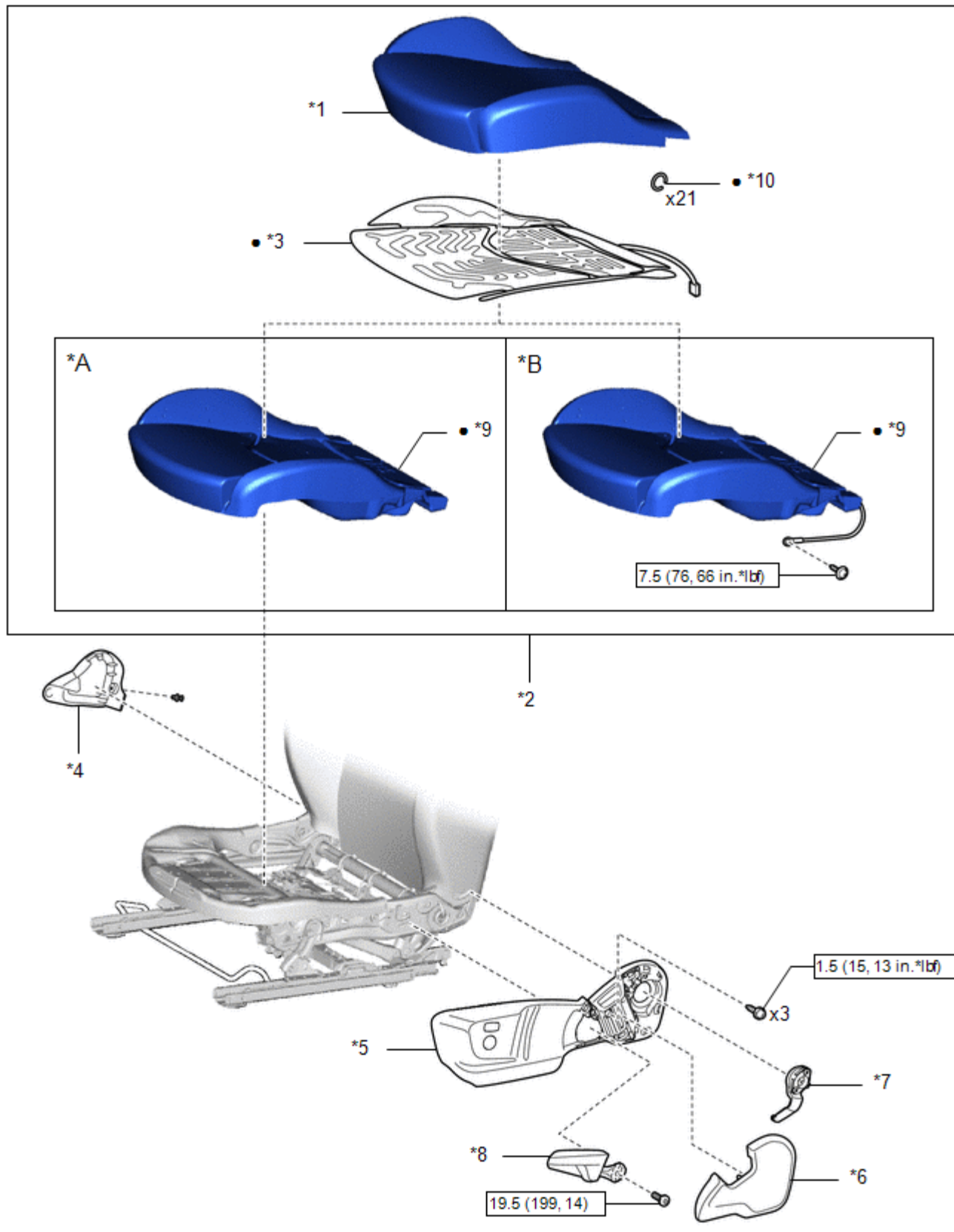
(i) Disconnect the battery charger from the vehicle.



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3K
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT CUSHION HEATER (for Manual Seat): COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*A	w/o Occupant Detection ECU	*B	w/ Occupant Detection ECU
*1	SEPARATE TYPE FRONT SEAT CUSHION COVER	*2	SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD
*3	FRONT SEAT CUSHION HEATER ASSEMBLY	*4	FRONT SEAT CUSHION INNER SHIELD

*5	FRONT SEAT CUSHION SHIELD	*6	FRONT SEAT SIDE SHIELD
*7	NO. 2 RECLINING ADJUSTER RELEASE ARM	*8	VERTICAL ADJUSTING HANDLE
*9	SEPARATE TYPE FRONT SEAT CUSHION PAD	*10	HOG RING
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3L
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT CUSHION HEATER (for Manual Seat): REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!



- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- 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:

Click here [INFO](#)

- Wear protective gloves. Sharp areas on the parts may injure your hands.

NOTICE:

- Before performing work on electronic components, disconnect the cable from the negative (-) battery terminal to prevent damage to the electrical system or components.
- When disconnecting the cable, turn the START-STOP button (engine switch) and headlight switch off and loosen the cable nut completely. Perform these operations without twisting or prying on the cable. Then disconnect the cable.
- Clock settings, radio settings, audio system memory, DTCs and other data will be cleared when the cable is disconnected from the negative (-) battery terminal. Write down any necessary data before disconnecting the cable.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. REMOVE FRONT SEAT ASSEMBLY

Click here [INFO](#)

2. REMOVE FRONT SEAT CUSHION INNER SHIELD

Click here [INFO](#)

3. REMOVE FRONT SEAT SIDE SHIELD

Click here [INFO](#)

4. REMOVE NO. 2 RECLINING ADJUSTER RELEASE ARM

Click here [INFO](#)

5. REMOVE VERTICAL ADJUSTING HANDLE

Click here [INFO](#)

6. REMOVE FRONT SEAT CUSHION SHIELD

Click here [INFO](#)

7. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD

Click here [INFO](#)

8. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER

HINT:

Front seat cushion heater assembly is bonded with the separate type front seat cushion pad and cannot be separated from each other without causing damage. Separate typr front seat cushion pad and front seat cushion heater assembly must be replaced.

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3M
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT CUSHION HEATER (for Manual Seat): INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

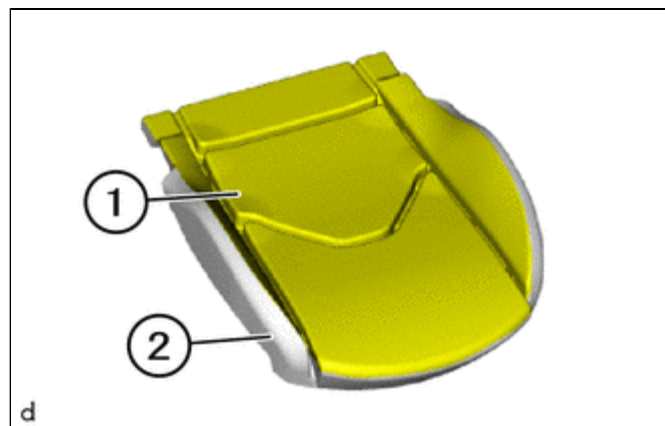
PROCEDURE

1. INSTALL FRONT SEAT CUSHION HEATER ASSEMBLY

HINT:

Front seat cushion heater assembly is bonded with the separate type front seat cushion pad and cannot be separated from each other without causing damage. Separate type front seat cushion pad and front seat cushion heater assembly must be replaced.

(a) Replace the separate type front seat cushion pad (2).



(b) Position and align the front seat cushion heater assembly (1) on the separate type front seat cushion pad (2) correctly.

(c) Bond the front seat cushion heater assembly (1) to the separate type front seat cushion pad (2).

2. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER

Click here [INFO](#)

3. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD

Click here [INFO](#)

4. INSTALL FRONT SEAT CUSHION SHIELD

Click here [INFO](#)

5. INSTALL VERTICAL ADJUSTING HANDLE

Click here [INFO](#)

6. INSTALL NO. 2 RECLINING ADJUSTER RELEASE ARM

Click here [INFO](#)

7. INSTALL FRONT SEAT SIDE SHIELD

Click here [INFO](#)

8. INSTALL FRONT SEAT CUSHION INNER SHIELD

Click here [INFO](#)

9. INSTALL FRONT SEAT ASSEMBLY

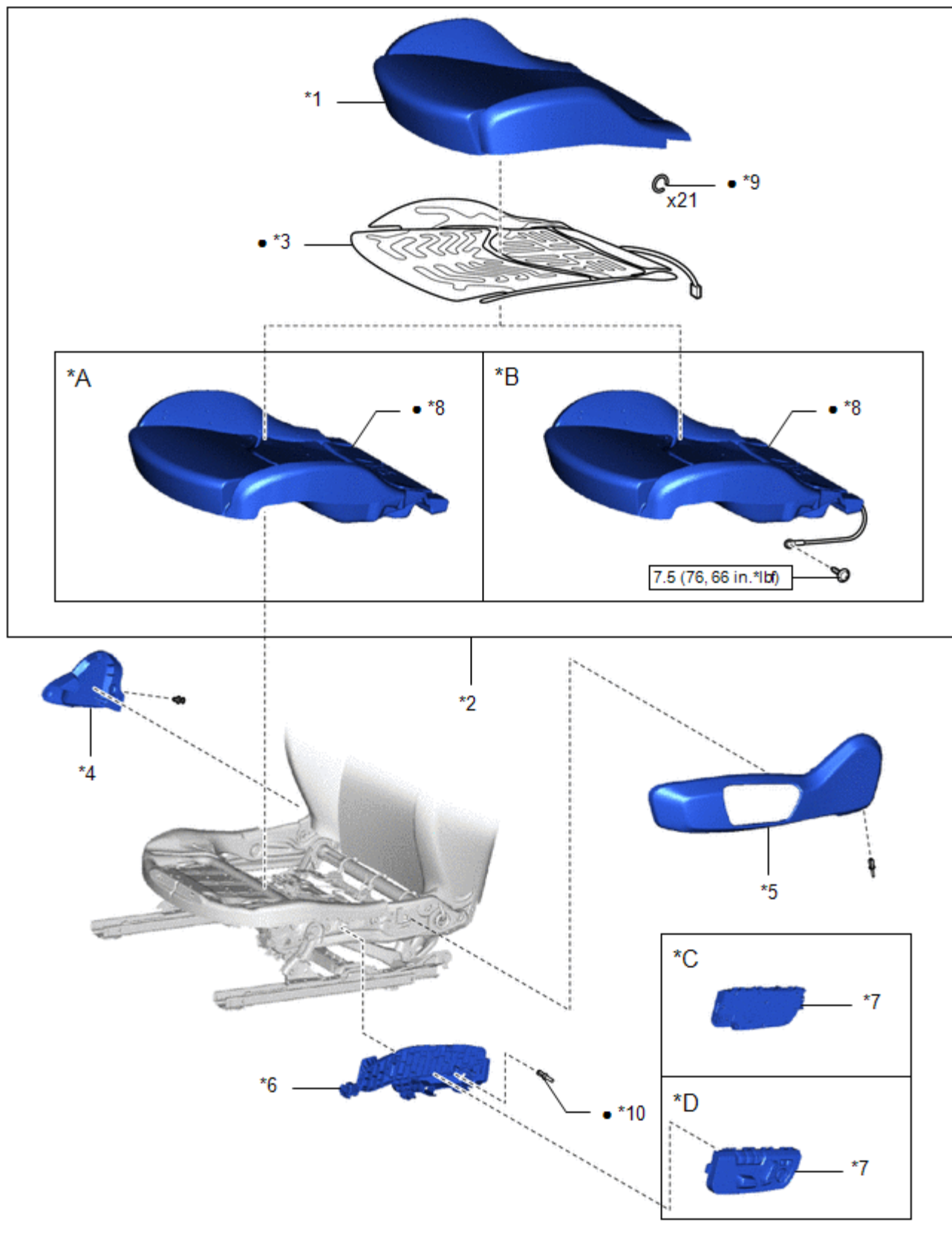
Click here [INFO](#)



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3T
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT CUSHION HEATER (for Power Seat): COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*A	w/o Occupant Detection ECU	*B	w/ Occupant Detection ECU
*C	for Front Passenger Side	*D	for Driver Side
*1	SEPARATE TYPE FRONT SEAT CUSHION COVER	*2	SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD
	FRONT SEAT CUSHION HEATER		

*3	ASSEMBLY	*4	FRONT SEAT CUSHION INNER SHIELD
*5	FRONT SEAT CUSHION SHIELD	*6	FRONT SEAT SUPPORT
*7	FRONT POWER SEAT SWITCH	*8	SEPARATE TYPE FRONT SEAT CUSHION PAD
*9	HOG RING	*10	RIVET
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3U
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT CUSHION HEATER (for Power Seat): REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!



- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- 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:

Click here [INFO](#)

- Wear protective gloves. Sharp areas on the parts may injure your hands.

NOTICE:

- Before performing work on electronic components, disconnect the cable from the negative (-) battery terminal to prevent damage to the electrical system or components.
- When disconnecting the cable, turn the START-STOP button (engine switch) and headlight switch off and loosen the cable nut completely. Perform these operations without twisting or prying on the cable. Then disconnect the cable.
- Clock settings, radio settings, audio system memory, DTCs and other data will be cleared when the cable is disconnected from the negative (-) battery terminal. Write down any necessary data before disconnecting the cable.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. REMOVE FRONT SEAT ASSEMBLY

Click here [INFO](#)

2. REMOVE FRONT SEAT CUSHION INNER SHIELD

Click here [INFO](#)

3. REMOVE FRONT SEAT CUSHION SHIELD

Click here [INFO](#)

4. REMOVE FRONT POWER SEAT SWITCH (for Driver Side)

Click here [INFO](#)

5. REMOVE FRONT POWER SEAT SWITCH (for Front Passenger Side)

Click here [INFO](#)

6. REMOVE FRONT SEAT SUPPORT

Click here [INFO](#)

7. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD

Click here [INFO](#)

8. REMOVE SEPARATE TYPE FRONT SEAT CUSHION COVER

HINT:

Front seat cushion heater assembly is bonded with the separate type front seat cushion pad and cannot be separated from each other without causing damage. Separate type front seat cushion pad and front seat cushion heater assembly must be replaced.

Click here [INFO](#)



TOYOTA

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3V
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEAT CUSHION HEATER (for Power Seat): INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. INSTALL FRONT SEAT CUSHION HEATER ASSEMBLY

HINT:

Use the same procedure for the manual seat.

Click here [INFO](#)

2. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER

Click here [INFO](#)

3. INSTALL SEPARATE TYPE FRONT SEAT CUSHION COVER WITH PAD

Click here [INFO](#)

4. INSTALL FRONT SEAT SUPPORT

Click here [INFO](#)

5. INSTALL FRONT POWER SEAT SWITCH (for Driver Side)

Click here [INFO](#)

6. INSTALL FRONT POWER SEAT SWITCH (for Front Passenger Side)

Click here [INFO](#)

7. INSTALL FRONT SEAT CUSHION SHIELD

Click here [INFO](#)

8. INSTALL FRONT SEAT CUSHION INNER SHIELD

Click here [INFO](#)

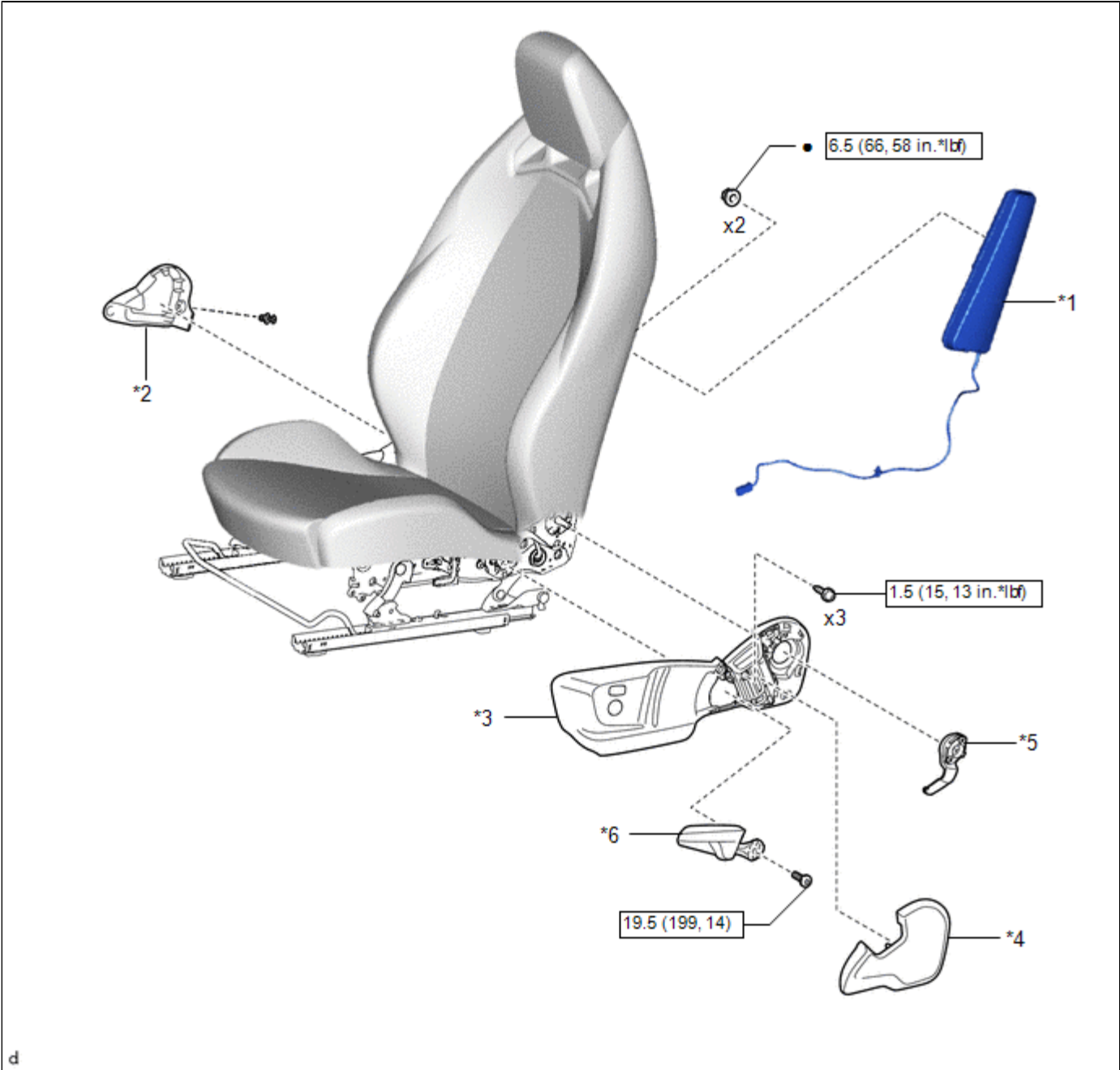
9. INSTALL FRONT SEAT ASSEMBLY

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3H
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEATBACK HEATER (for Manual Seat): COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

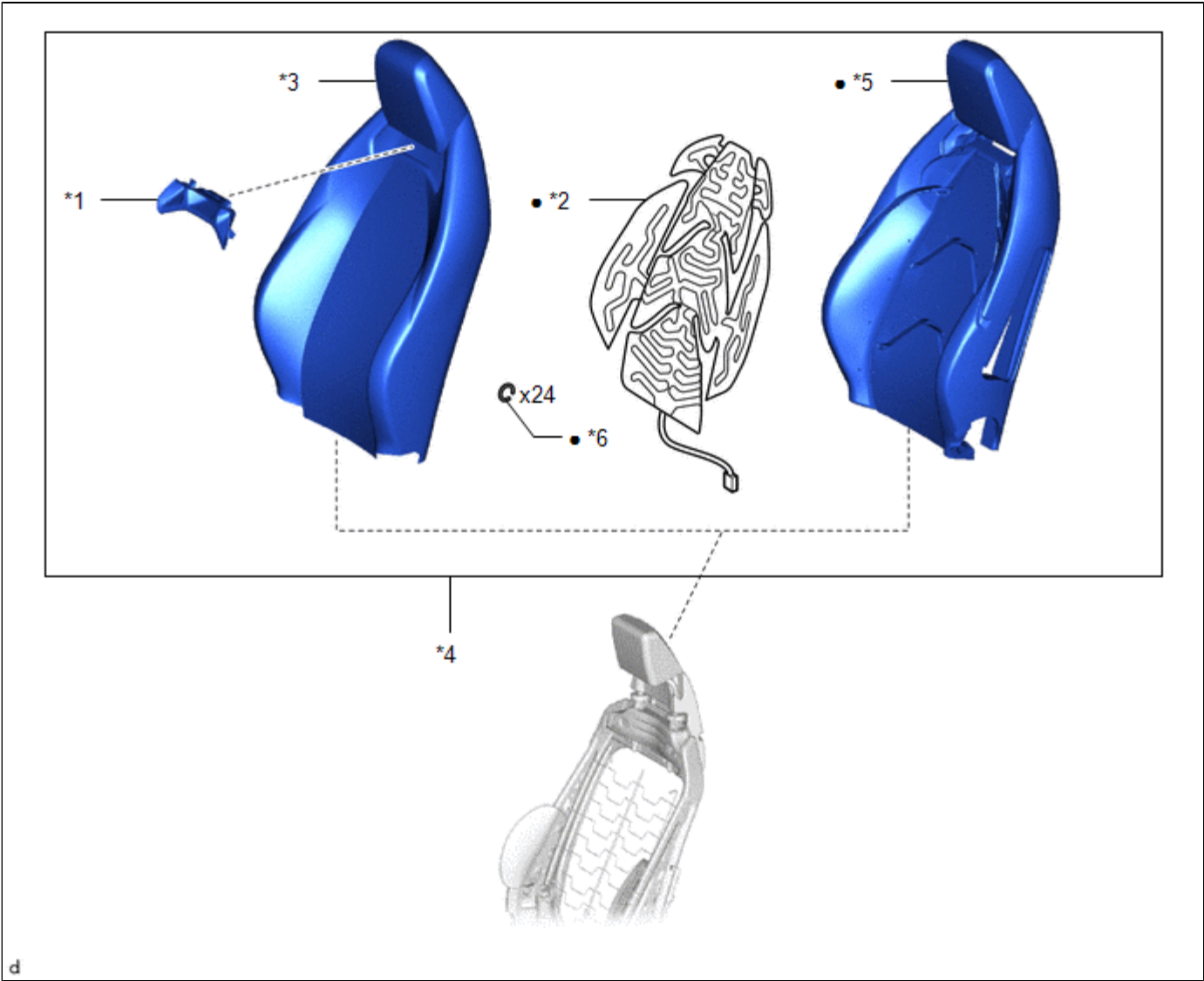
ILLUSTRATION



*1	FRONT SEAT AIRBAG ASSEMBLY	*2	FRONT SEAT CUSHION INNER SHIELD
*3	FRONT SEAT CUSHION SHIELD	*4	FRONT SEAT SIDE SHIELD
*5	NO. 2 RECLINING ADJUSTER RELEASE ARM	*6	VERTICAL ADJUSTING HANDLE
N*m (kgf*cm, ft.*lbf): Specified			

	torque	•	Non-reusable part
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ILLUSTRATION



*1	FRONT SEATBACK GARNISH	*2	FRONT SEATBACK HEATER ASSEMBLY
*3	SEPARATE TYPE FRONT SEATBACK COVER	*4	SEPARATE TYPE FRONT SEATBACK COVER WITH PAD
*5	SEPARATE TYPE FRONT SEATBACK PAD	*6	HOG RING
•	Non-reusable part	-	-

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3I
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEATBACK HEATER (for Manual Seat): REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!



- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- 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:

Click here [INFO](#)

- Wear protective gloves. Sharp areas on the parts may injure your hands.

NOTICE:

- Before performing work on electronic components, disconnect the cable from the negative (-) battery terminal to prevent damage to the electrical system or components.
- When disconnecting the cable, turn the START-STOP button (engine switch) and headlight switch off and loosen the cable nut completely. Perform these operations without twisting or prying on the cable. Then disconnect the cable.
- Clock settings, radio settings, audio system memory, DTCs and other data will be cleared when the cable is disconnected from the negative (-) battery terminal. Write down any necessary data before disconnecting the cable.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. REMOVE FRONT SEAT ASSEMBLY

Click here [INFO](#)

2. REMOVE FRONT SEAT CUSHION INNER SHIELD

Click here [INFO](#)

3. REMOVE FRONT SEAT SIDE SHIELD

Click here [INFO](#)

4. REMOVE NO. 2 RECLINING ADJUSTER RELEASE ARM

Click here [INFO](#)

5. REMOVE VERTICAL ADJUSTING HANDLE

Click here [INFO](#)

6. REMOVE FRONT SEAT CUSHION SHIELD

Click here [INFO](#)

7. REMOVE FRONT SEAT AIRBAG ASSEMBLY

Click here [INFO](#)

8. REMOVE SEPARATE TYPE FRONT SEATBACK COVER WITH PAD

Click here [INFO](#)

9. REMOVE FRONT SEATBACK GARNISH

Click here [INFO](#)

10. REMOVE SEPARATE TYPE FRONT SEATBACK COVER

HINT:

Front seatback heater assembly is bonded with the separate type front seatback pad and cannot be separated from each other without causing damage. Separate type front seatback pad and front seatback heater assembly must be replaced.

Click here [INFO](#)



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3J
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEATBACK HEATER (for Manual Seat): INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

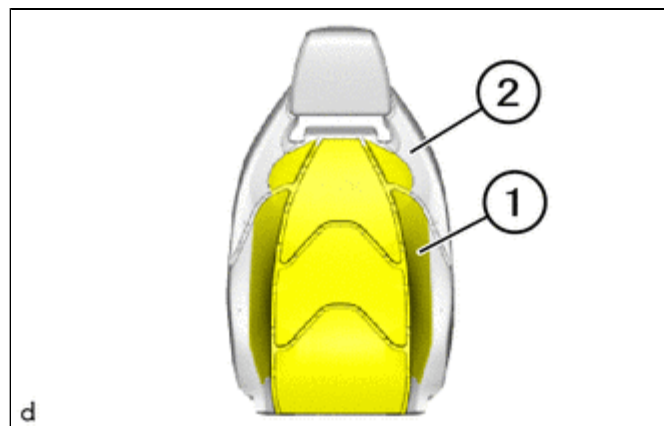
PROCEDURE

1. INSTALL FRONT SEATBACK HEATER ASSEMBLY

HINT:

Front seatback heater assembly is bonded with the separate type front seatback pad and cannot be separated from each other without causing damage. Separate type front seatback pad and front seatback heater assembly must be replaced.

(a) Replace the separate type front seatback pad (2).



(b) Position and align the front seatback heater assembly (1) on the separate type front seatback pad (2) correctly.

(c) Bond the front seatback heater assembly (1) to the separate type front seatback pad (2) correctly.

2. INSTALL SEPARATE TYPE FRONT SEATBACK COVER

Click here [INFO](#)

3. INSTALL FRONT SEATBACK GARNISH

Click here [INFO](#)

4. INSTALL SEPARATE TYPE FRONT SEATBACK COVER WITH PAD

Click here [INFO](#)

5. INSTALL FRONT SEAT AIRBAG ASSEMBLY

Click here [INFO](#)

6. INSTALL FRONT SEAT CUSHION SHIELD

Click here [INFO](#)

7. INSTALL VERTICAL ADJUSTING HANDLE

Click here [INFO](#)

8. INSTALL NO. 2 RECLINING ADJUSTER RELEASE ARM

Click here [INFO](#)

9. INSTALL FRONT SEAT SIDE SHIELD

Click here [INFO](#)

10. INSTALL FRONT SEAT CUSHION INNER SHIELD

Click here [INFO](#)

11. INSTALL FRONT SEAT ASSEMBLY

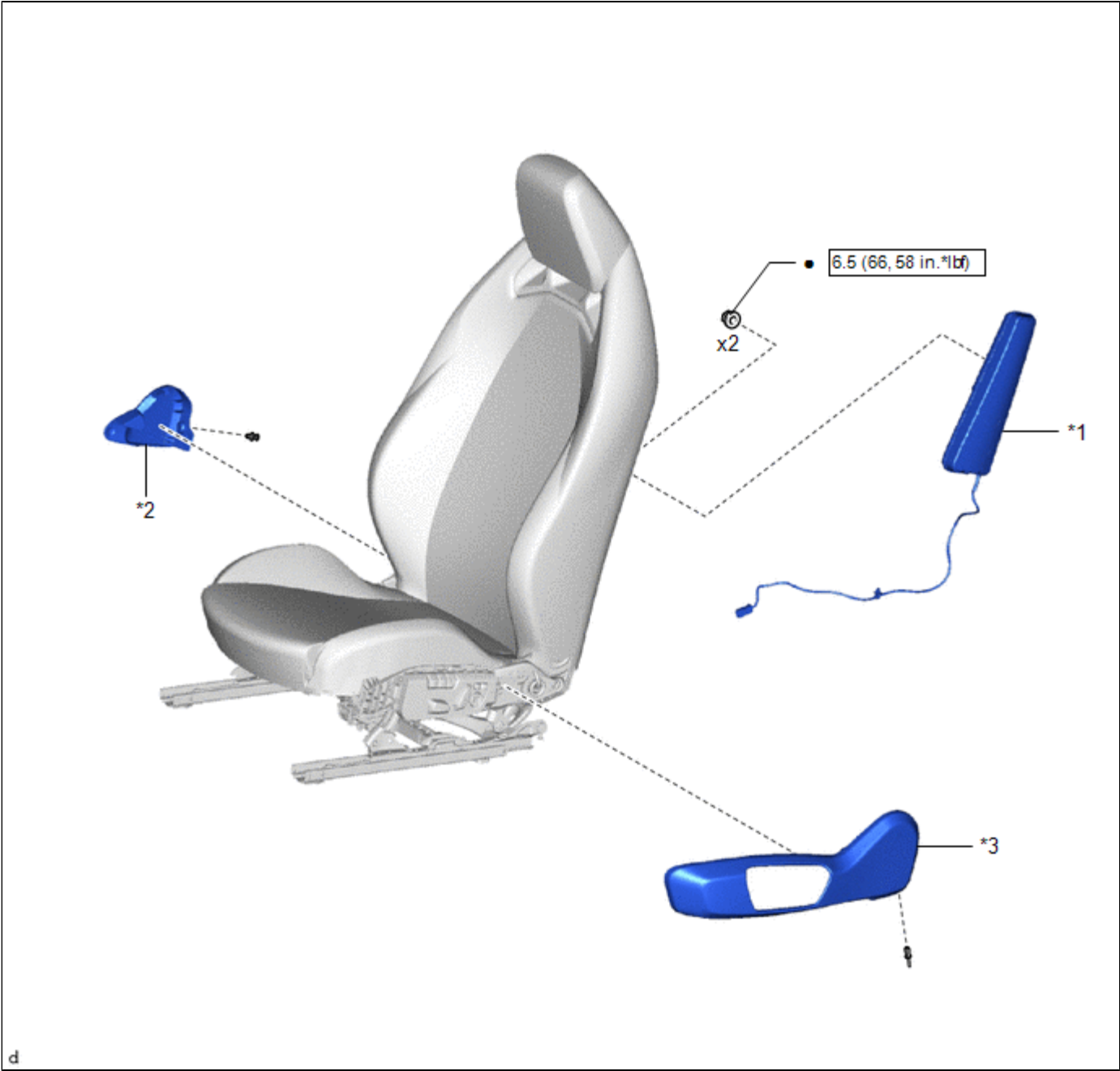
Click here [INFO](#)



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3Q
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEATBACK HEATER (for Power Seat): COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

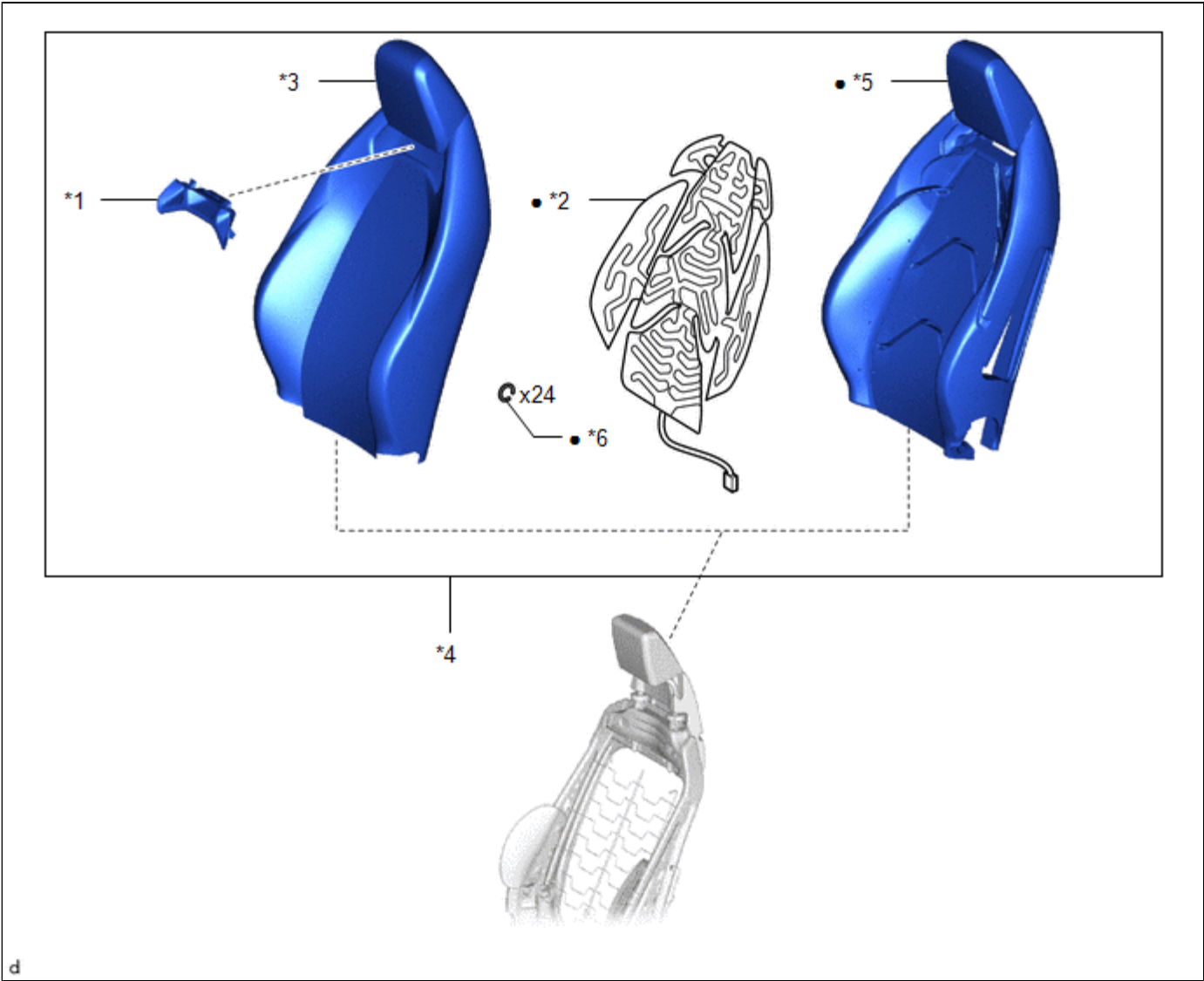
ILLUSTRATION



*1	FRONT SEAT AIRBAG ASSEMBLY	*2	FRONT SEAT CUSHION INNER SHIELD
*3	FRONT SEAT CUSHION SHIELD	-	-
N*m (kgf*cm, ft.*lbf): Specified			

	torque	•	Non-reusable part
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ILLUSTRATION



*1	FRONT SEATBACK GARNISH	*2	FRONT SEATBACK HEATER ASSEMBLY
*3	SEPARATE TYPE FRONT SEATBACK COVER	*4	SEPARATE TYPE FRONT SEATBACK COVER WITH PAD
*5	SEPARATE TYPE FRONT SEATBACK PAD	*6	HOG RING
•	Non-reusable part	-	-

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3R
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEATBACK HEATER (for Power Seat): REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!



- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- 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:

Click here [INFO](#)

- Wear protective gloves. Sharp areas on the parts may injure your hands.

NOTICE:

- Before performing work on electronic components, disconnect the cable from the negative (-) battery terminal to prevent damage to the electrical system or components.
- When disconnecting the cable, turn the START-STOP button (engine switch) and headlight switch off and loosen the cable nut completely. Perform these operations without twisting or prying on the cable. Then disconnect the cable.
- Clock settings, radio settings, audio system memory, DTCs and other data will be cleared when the cable is disconnected from the negative (-) battery terminal. Write down any necessary data before disconnecting the cable.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. REMOVE FRONT SEAT ASSEMBLY

Click here [INFO](#)

2. REMOVE FRONT SEAT CUSHION INNER SHIELD

Click here [INFO](#)

3. REMOVE FRONT SEAT CUSHION SHIELD

Click here [INFO](#)

4. REMOVE FRONT SEAT AIRBAG ASSEMBLY

Click here [INFO](#)

5. REMOVE SEPARATE TYPE FRONT SEATBACK COVER WITH PAD

Click here [INFO](#)

6. REMOVE FRONT SEATBACK GARNISH

Click here [INFO](#)

7. REMOVE SEPARATE TYPE FRONT SEATBACK COVER

HINT:

Front seatback heater assembly is bonded with the separate type front seatback pad and cannot be separated from each other without causing damage. Separate type front seatback pad and front seatback heater assembly must be replaced.

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3S
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: FRONT SEATBACK HEATER (for Power Seat): INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. INSTALL FRONT SEATBACK HEATER ASSEMBLY

HINT:

Use the same procedure for the manual seat.

Click here [INFO](#)

2. INSTALL SEPARATE TYPE FRONT SEATBACK COVER

Click here [INFO](#)

3. INSTALL FRONT SEATBACK GARNISH

Click here [INFO](#)

4. INSTALL SEPARATE TYPE FRONT SEATBACK COVER WITH PAD

Click here [INFO](#)

5. INSTALL FRONT SEAT AIRBAG ASSEMBLY

Click here [INFO](#)

6. INSTALL FRONT SEAT CUSHION SHIELD

Click here [INFO](#)

7. INSTALL FRONT SEAT CUSHION INNER SHIELD

Click here [INFO](#)

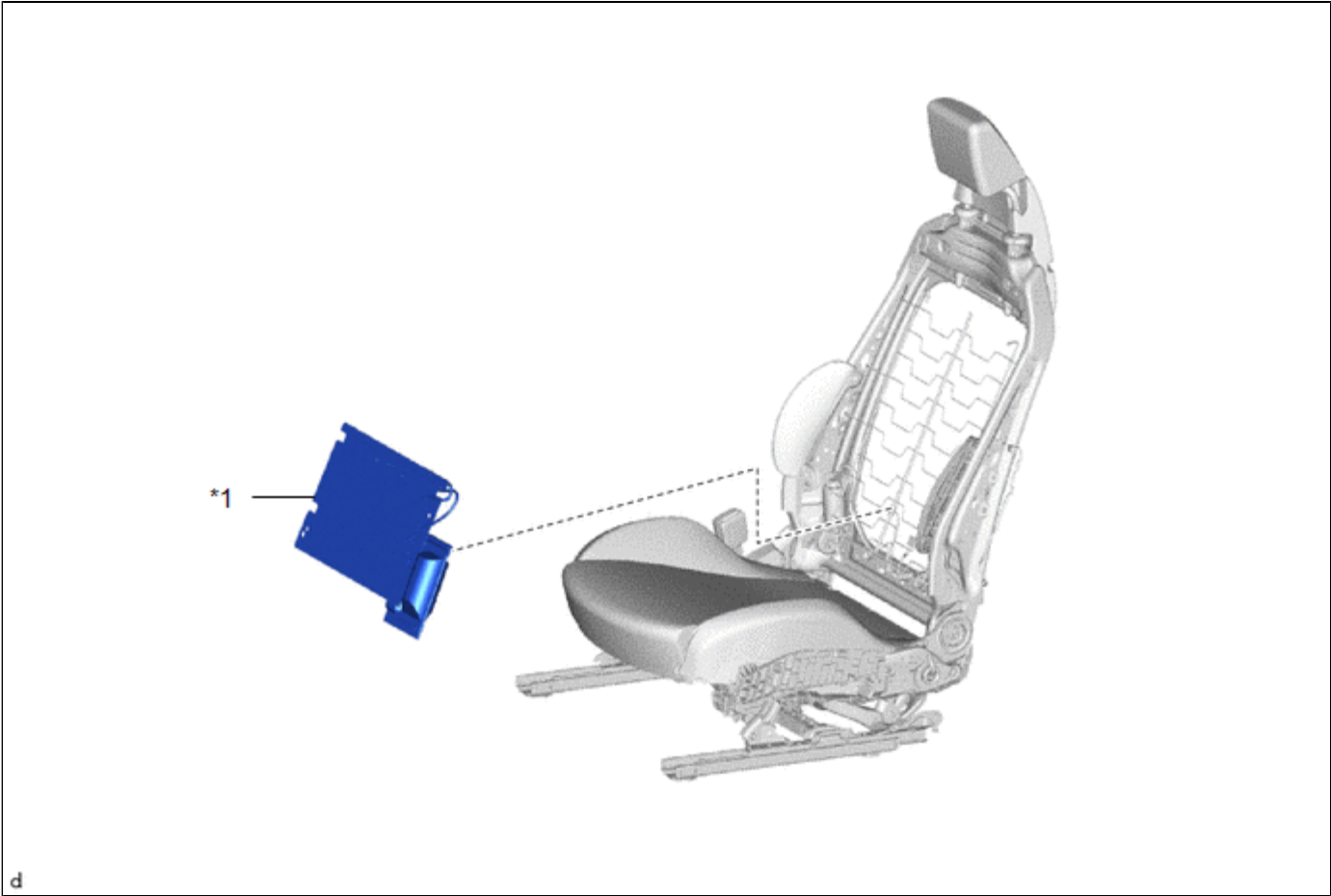
8. INSTALL FRONT SEAT ASSEMBLY

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3E
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: LUMBAR SUPPORT ADJUSTER ASSEMBLY: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	LUMBAR SUPPORT ADJUSTER ASSEMBLY	-	-
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Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3F
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: LUMBAR SUPPORT ADJUSTER ASSEMBLY: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!



- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- 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:

Click here [INFO](#)

- Wear protective gloves. Sharp areas on the parts may injure your hands.

NOTICE:

- Before performing work on electronic components, disconnect the cable from the negative (-) battery terminal to prevent damage to the electrical system or components.
- When disconnecting the cable, turn the START-STOP button (engine switch) and headlight switch off and loosen the cable nut completely. Perform these operations without twisting or prying on the cable. Then disconnect the cable.
- Clock settings, radio settings, audio system memory, DTCs and other data will be cleared when the cable is disconnected from the negative (-) battery terminal. Write down any necessary data before disconnecting the cable.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. REMOVE SEPARATE TYPE FRONT SEATBACK COVER WITH PAD (for Manual Seat)

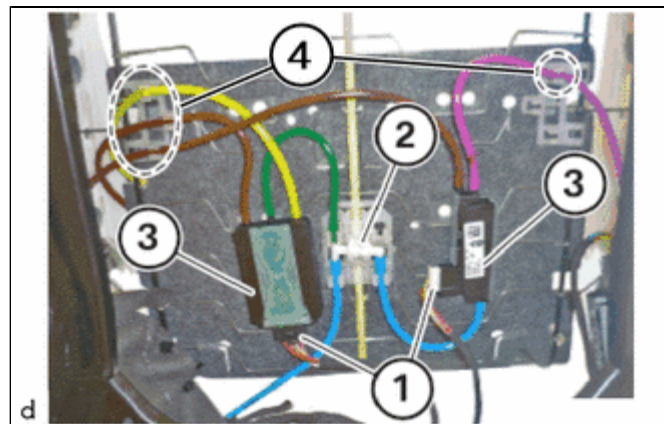
Click here [INFO](#)

2. REMOVE SEPARATE TYPE FRONT SEATBACK COVER WITH PAD (for Power Seat)

3. REMOVE LUMBAR SUPPORT ADJUSTER ASSEMBLY

(a) w/ Back Side Support Adjuster:

(1) Disconnect the connectors (1).



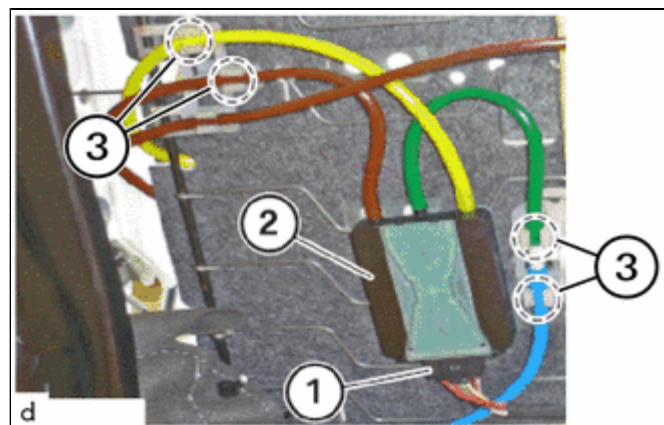
(2) Disconnect the pneumatic tubes connector (2).

(3) Detach the pneumatic tubes from the holders in the marked area (4).

(4) Remove the valve units (3) from the spring wire.

(b) w/o Back Side Support Adjuster:

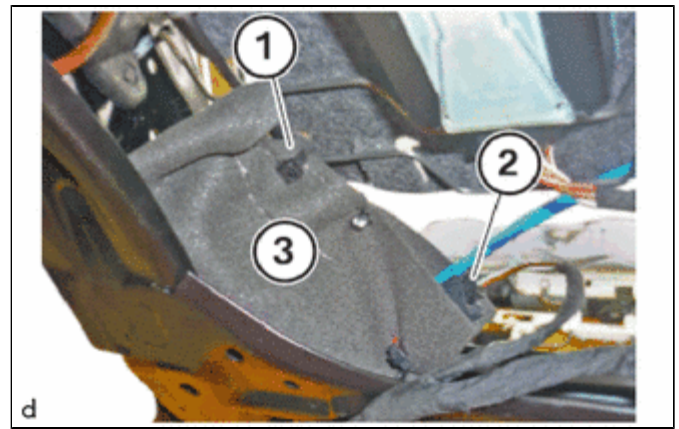
(1) Disconnect the connector (1).



(2) Detach the pneumatic tubes from the holder in the marked area (3).

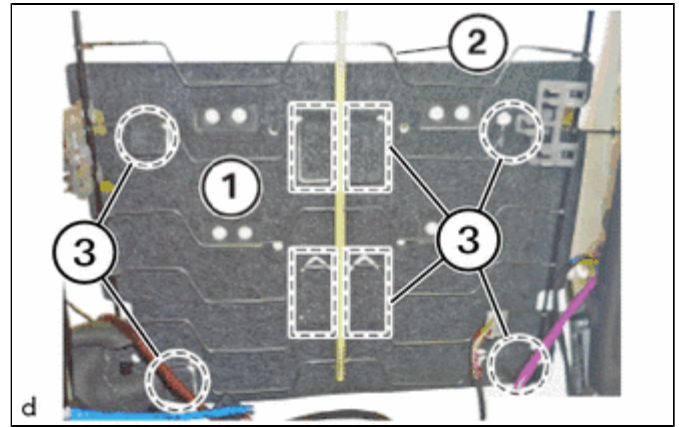
(3) Remove the valve unit (2) from the spring wire.

(c) Remove the tie band (1).



(d) Disconnect the connector (2).

(e) Remove the pump (3).



(f) Remove the lumbar support adjuster assembly (1) in the marked areas (3) from the spring wire (2).



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3G
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: LUMBAR SUPPORT ADJUSTER ASSEMBLY: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

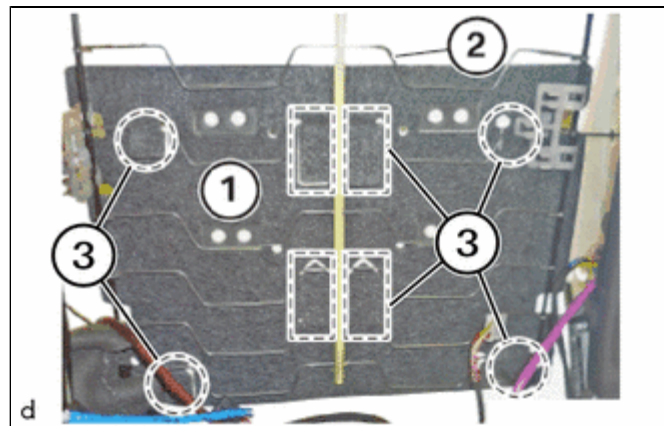
HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

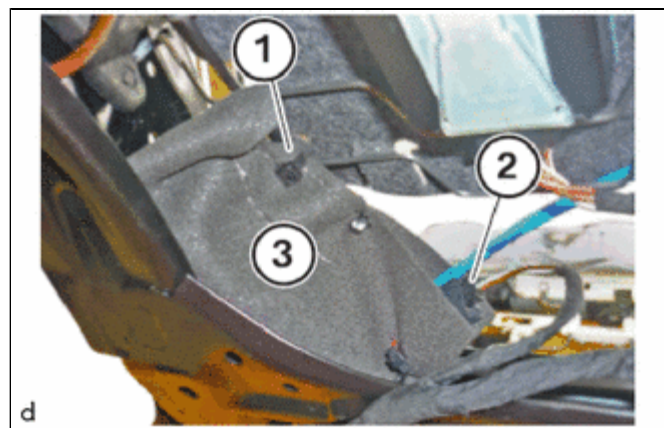
PROCEDURE

1. INSTALL LUMBAR SUPPORT ADJUSTER ASSEMBLY

- (a) Install the lumbar support adjuster assembly (1) in the marked areas (3) to the spring wire (2).

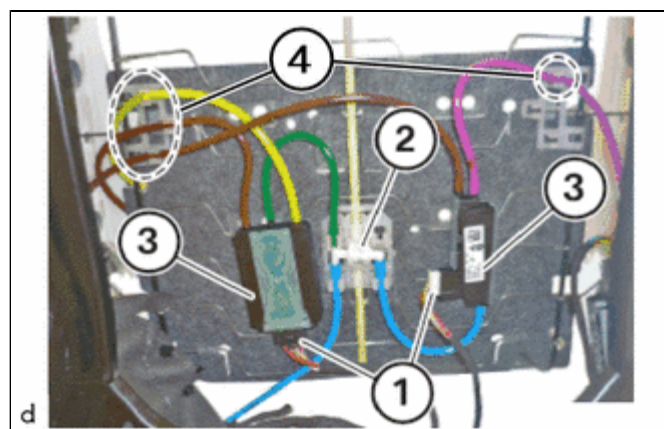


- (b) Install the pump (3) correctly.



- (c) Install the tie band (1).
- (d) Connect the connector (2).
- (e) w/ Back Side Support Adjuster:

(1) Install the valve units (3) correctly to the spring wire.



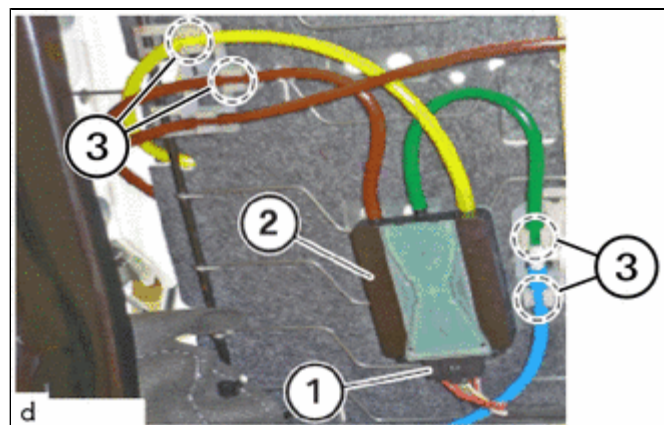
(2) Attach the pneumatic tubes to the holders in the marked area (4).

(3) Connect the pneumatic tubes connector (2).

(4) Connect the connectors (1).

(f) w/o Back Side Support Adjuster:

(1) Install the valve unit (2) correctly to the spring wire.



(2) Attach the pneumatic tubes to the holder in the marked area (3).

(3) Connect the connector (1).

2. INSTALL SEPARATE TYPE FRONT SEATBACK COVER WITH PAD (for Manual Seat)

Click here [INFO](#)

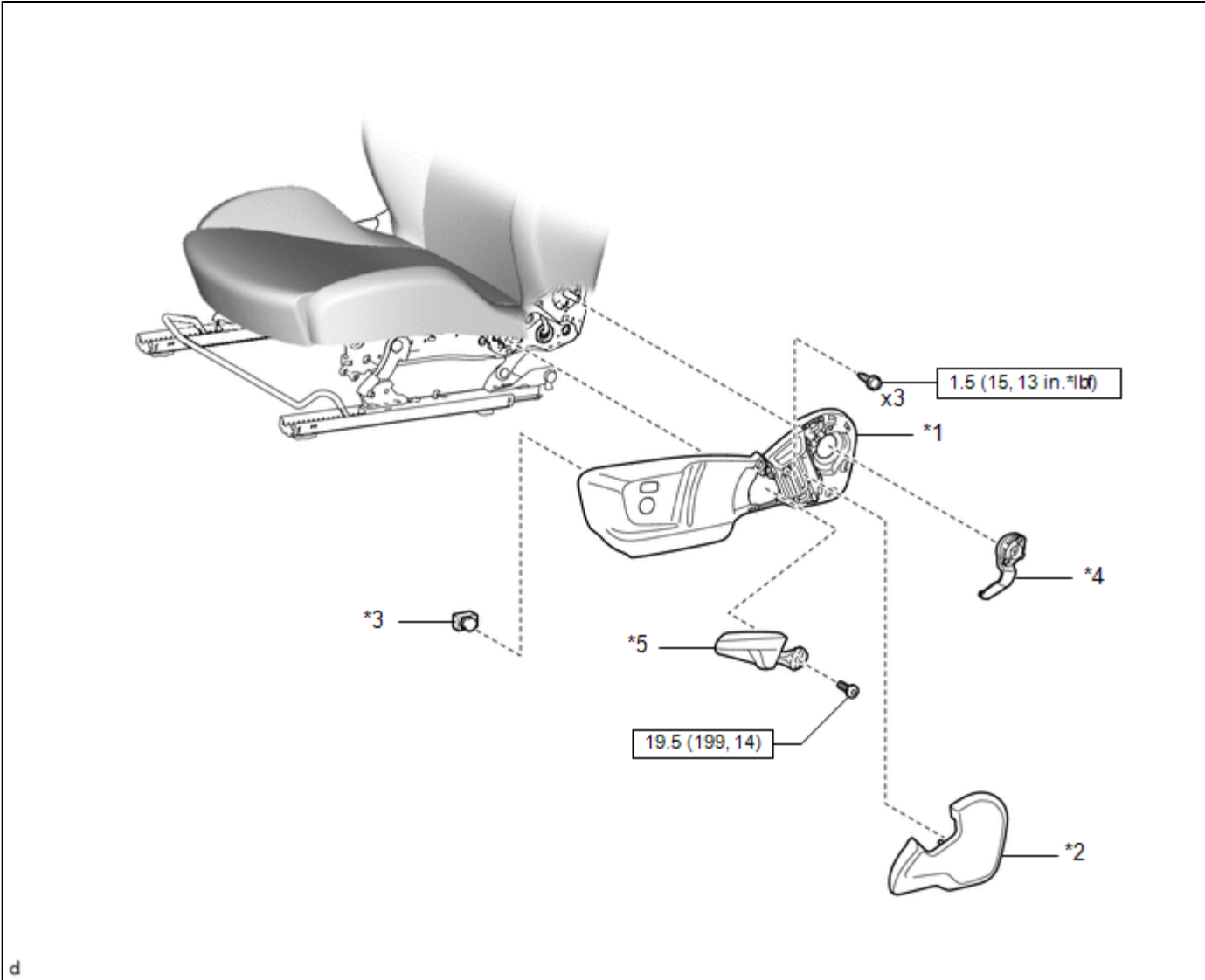
3. INSTALL SEPARATE TYPE FRONT SEATBACK COVER WITH PAD (for Power Seat)

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD42
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: LUMBAR SWITCH: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	FRONT SEAT CUSHION SHIELD	*2	FRONT SEAT SIDE SHIELD
*3	FRONT LUMBAR SUPPORT POWER SEAT SWITCH	*4	NO. 2 RECLINING ADJUSTER RELEASE ARM
*5	VERTICAL ADJUSTING HANDLE	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD43
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: LUMBAR SWITCH: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!



- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- 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:

Click here [INFO](#)

- Wear protective gloves. Sharp areas on the parts may injure your hands.

NOTICE:

- Before performing work on electronic components, disconnect the cable from the negative (-) battery terminal to prevent damage to the electrical system or components.
- When disconnecting the cable, turn the START-STOP button (engine switch) and headlight switch off and loosen the cable nut completely. Perform these operations without twisting or prying on the cable. Then disconnect the cable.
- Clock settings, radio settings, audio system memory, DTCs and other data will be cleared when the cable is disconnected from the negative (-) battery terminal. Write down any necessary data before disconnecting the cable.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. REMOVE FRONT SEAT ASSEMBLY

Click here [INFO](#)

2. REMOVE FRONT SEAT SIDE SHIELD

Click here [INFO](#)

3. REMOVE NO. 2 RECLINING ADJUSTER RELEASE ARM

Click here [INFO](#)

4. REMOVE VERTICAL ADJUSTING HANDLE

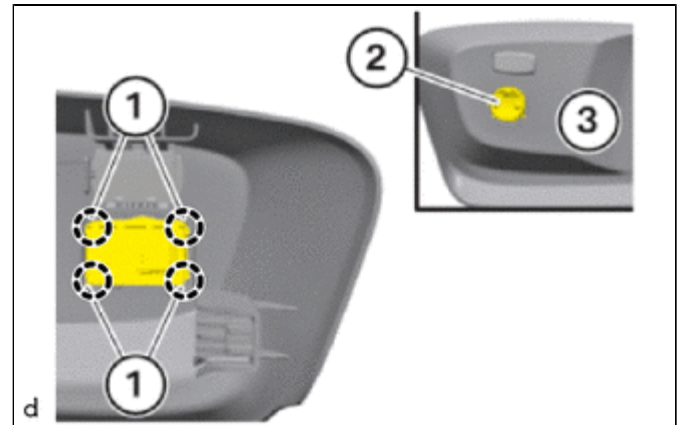
Click here [INFO](#)

5. REMOVE FRONT SEAT CUSHION SHIELD

Click here [INFO](#)

6. REMOVE FRONT LUMBAR SUPPORT POWER SEAT SWITCH

(a) Detach the claws (1).



(b) Remove the front lumbar support power seat switch (2) from the front seat cushion shield (3).

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD44
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: LUMBAR SWITCH: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

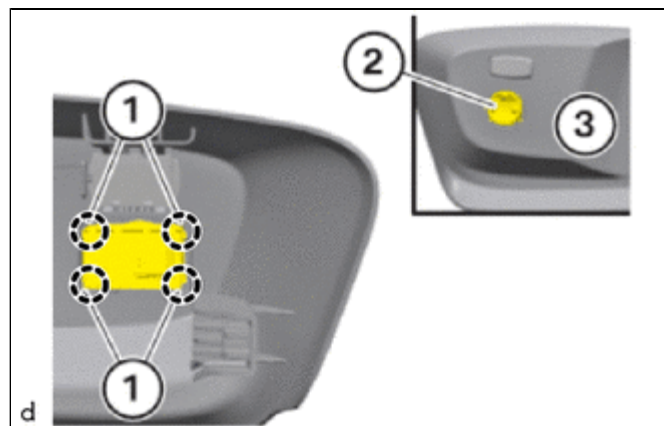
PROCEDURE

1. INSTALL FRONT LUMBAR SUPPORT POWER SEAT SWITCH

- (a) Attach the claws (1) to install the front lumbar support power seat switch (2) to the front seat cushion shield (3).

NOTICE:

Check the attaching sound of the claws (1).



2. INSTALL FRONT SEAT CUSHION SHIELD

Click here [INFO](#)

3. INSTALL VERTICAL ADJUSTING HANDLE

Click here [INFO](#)

4. INSTALL NO. 2 RECLINING ADJUSTER RELEASE ARM

Click here [INFO](#)

5. INSTALL FRONT SEAT SIDE SHIELD

Click here [INFO](#)

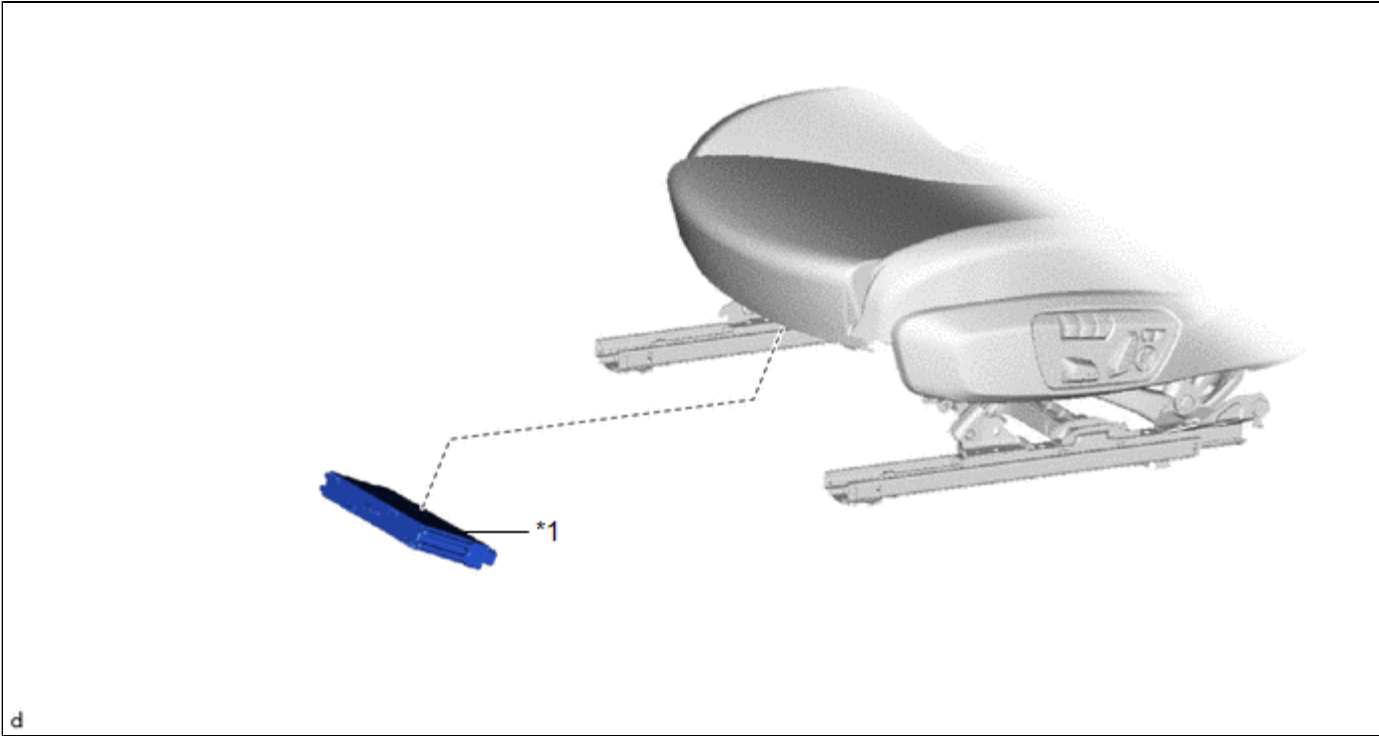
6. INSTALL FRONT SEAT ASSEMBLY

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3Z
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: POWER SEAT CONTROL ECU: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	POSITION CONTROL ECU ASSEMBLY	-	-
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Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD40
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: POWER SEAT CONTROL ECU: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!



- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- 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:

Click here [INFO](#)

- Wear protective gloves. Sharp areas on the parts may injure your hands.

NOTICE:

- Before performing work on electronic components, disconnect the cable from the negative (-) battery terminal to prevent damage to the electrical system or components.
- When disconnecting the cable, turn the START-STOP button (engine switch) and headlight switch off and loosen the cable nut completely. Perform these operations without twisting or prying on the cable. Then disconnect the cable.
- Clock settings, radio settings, audio system memory, DTCs and other data will be cleared when the cable is disconnected from the negative (-) battery terminal. Write down any necessary data before disconnecting the cable.

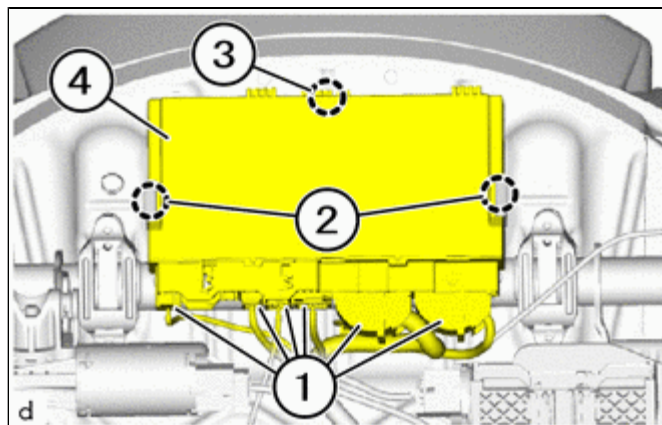
PROCEDURE

1. REMOVE FRONT SEAT ASSEMBLY

Click here [INFO](#)

2. REMOVE POSITION CONTROL ECU ASSEMBLY

(a) Disconnect the connectors (1).



(b) Disengage the clamps (2) and guide (3) to remove the position control ECU assembly (4).

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD41
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: POWER SEAT CONTROL ECU: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

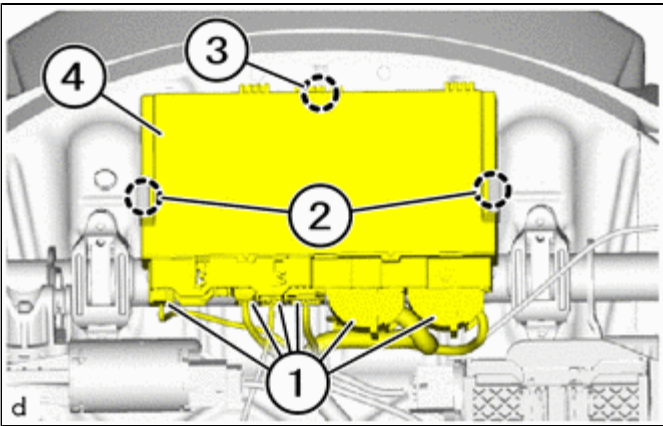
CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

PROCEDURE

1. REMOVE POSITION CONTROL ECU ASSEMBLY

(a) Engage the guide (3) and clamps (2) to install the position control ECU assembly (4).



(b) Connect the connectors (1).

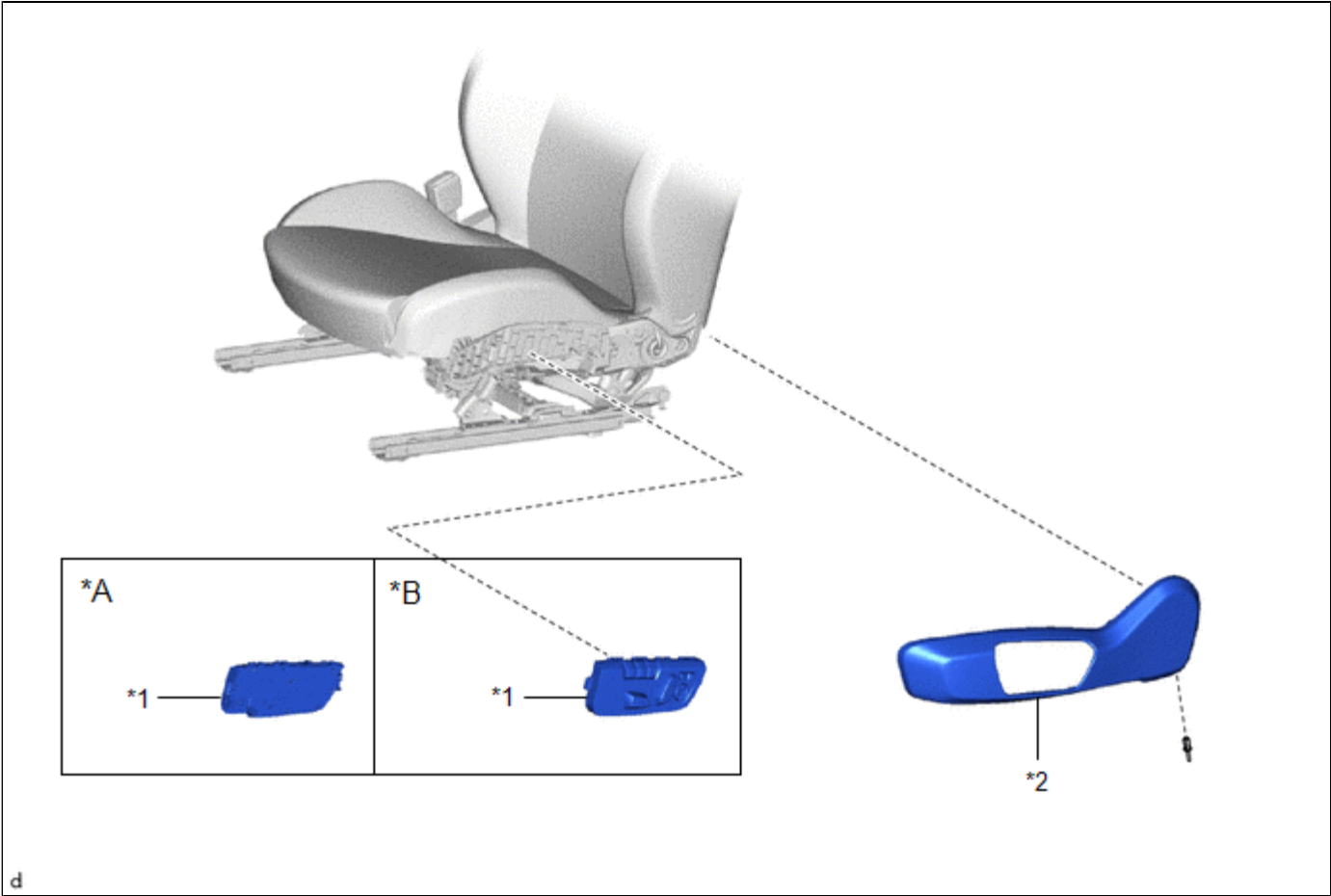
2. REMOVE FRONT SEAT ASSEMBLY

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3B
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: POWER SEAT SWITCH: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*A	for Front Passenger Side	*B	for Driver Side
*1	FRONT POWER SEAT SWITCH	*2	FRONT SEAT CUSHION SHIELD

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3C
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: POWER SEAT SWITCH: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!



- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- 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:

Click here [INFO](#)

- Wear protective gloves. Sharp areas on the parts may injure your hands.

NOTICE:

- Before performing work on electronic components, disconnect the cable from the negative (-) battery terminal to prevent damage to the electrical system or components.
- When disconnecting the cable, turn the START-STOP button (engine switch) and headlight switch off and loosen the cable nut completely. Perform these operations without twisting or prying on the cable. Then disconnect the cable.
- Clock settings, radio settings, audio system memory, DTCs and other data will be cleared when the cable is disconnected from the negative (-) battery terminal. Write down any necessary data before disconnecting the cable.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

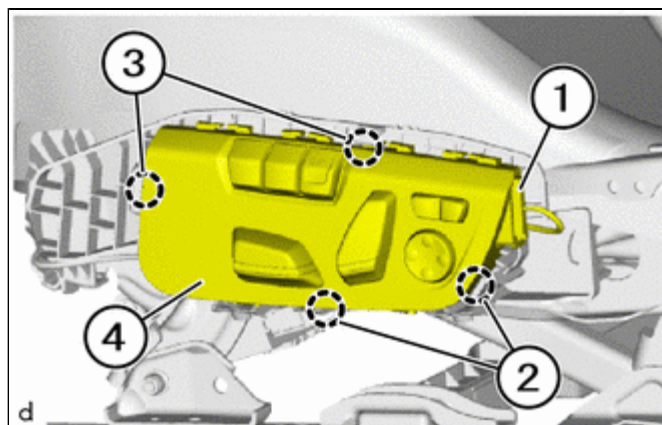
1. REMOVE FRONT SEAT ASSEMBLY

Click here [INFO](#)

2. REMOVE FRONT SEAT CUSHION SHIELD

3. REMOVE FRONT POWER SEAT SWITCH (for Driver Side)

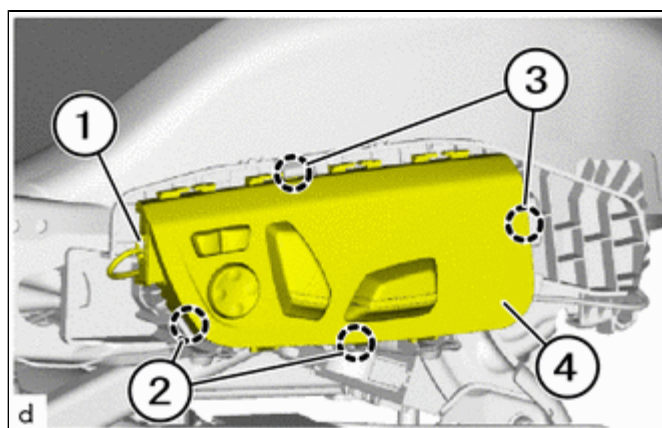
(a) Disconnect the connector (1).



(b) Disengage the claws (2) and guides (3) to remove the power seat switch (4).

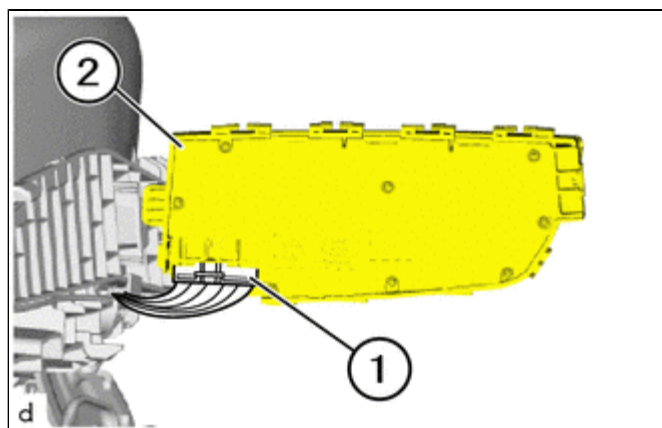
4. REMOVE FRONT POWER SEAT SWITCH (for Front Passenger Side)

(a) Disconnect the connector (1).



(b) Disengage the claws (2) and guides (3) to separate the power seat switch (4).

(c) Disconnect the connector (1) to remove the power seat switch (2).





TOYOTA

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3D
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: POWER SEAT SWITCH: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

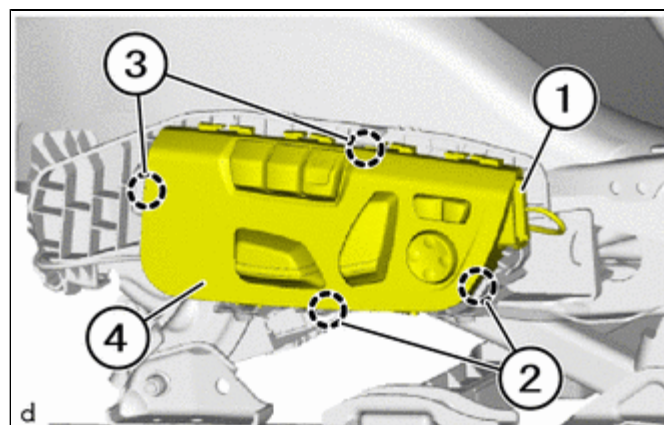
HINT:

- Use the same procedure for the driver side and front passenger side.

PROCEDURE

1. INSTALL FRONT POWER SEAT SWITCH (for Driver Side)

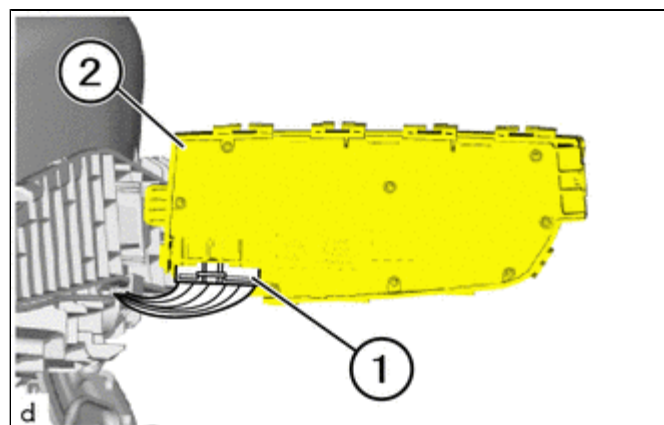
- (a) Engage the guides (3) and claws (2) to install the power seat switch (4).



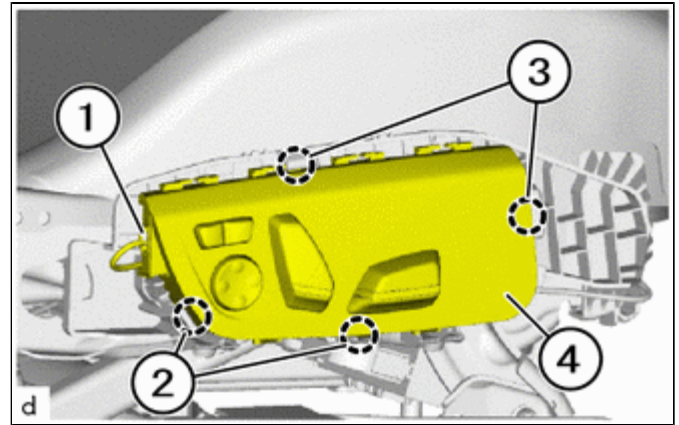
- (b) Connect the connector (1).

2. INSTALL FRONT POWER SEAT SWITCH (for Front Passenger Side)

- (a) Connect the connector (1) to the power seat switch (2).



(b) Engage the guides (3) and claws (2) to install the power seat switch (4).



(c) Connect the connector (1).

3. INSTALL FRONT SEAT CUSHION SHIELD

Click here [INFO](#)

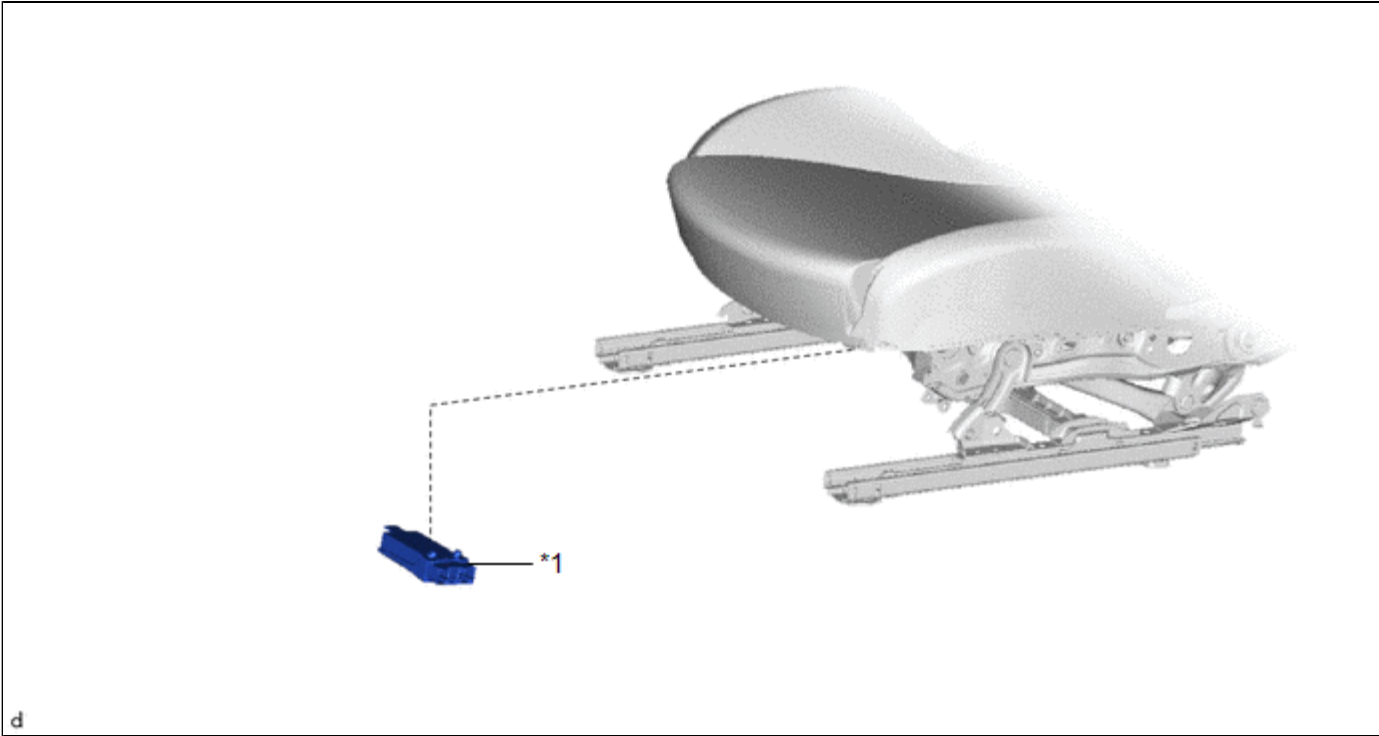
4. INSTALL FRONT SEAT ASSEMBLY

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3W
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: SEAT HEATER CONTROL: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	SEAT HEATER CONTROL SUB-ASSEMBLY	-	-
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Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3X
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: SEAT HEATER CONTROL: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!



- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- 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:

Click here [INFO](#)

- Wear protective gloves. Sharp areas on the parts may injure your hands.

NOTICE:

- Before performing work on electronic components, disconnect the cable from the negative (-) battery terminal to prevent damage to the electrical system or components.
- When disconnecting the cable, turn the START-STOP button (engine switch) and headlight switch off and loosen the cable nut completely. Perform these operations without twisting or prying on the cable. Then disconnect the cable.
- Clock settings, radio settings, audio system memory, DTCs and other data will be cleared when the cable is disconnected from the negative (-) battery terminal. Write down any necessary data before disconnecting the cable.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

1. REMOVE FRONT SEAT ASSEMBLY (for Manual Seat)

Click here [INFO](#)

2. REMOVE FRONT SEAT ASSEMBLY RH (for Power Seat)

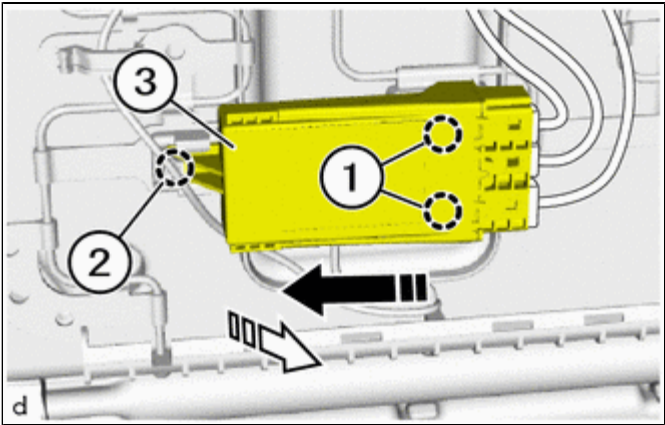
3. REMOVE SEAT HEATER CONTROL SUB-ASSEMBLY

HINT:

- for Power Seat:

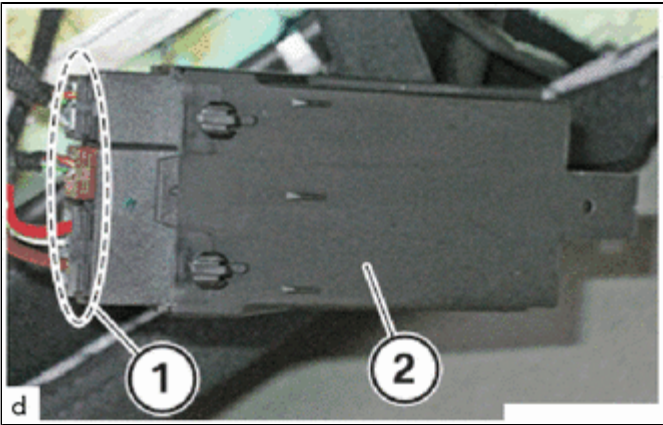
Seat heater control sub-assembly is installed to the front passenger side.

(a) Disengage the guides (1) and guide (2) to remove the seat heater control sub-assembly (3) as shown in the illustration.



	Remove in this Direction (1)
	Remove in this Direction (2)

(b) Disconnect the connectors (1) from the seat heater control sub-assembly (2).



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JD3Y
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SEAT: SEAT HEATER CONTROL: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

CAUTION:

Wear protective gloves. Sharp areas on the parts may injure your hands.

HINT:

- Use the same procedure for the driver side and front passenger side.
- The procedure listed below is for the driver side.

PROCEDURE

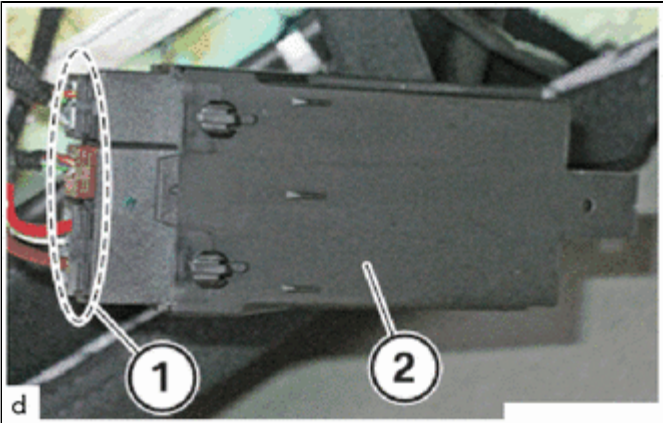
1. INSTALL SEAT HEATER CONTROL SUB-ASSEMBLY

HINT:

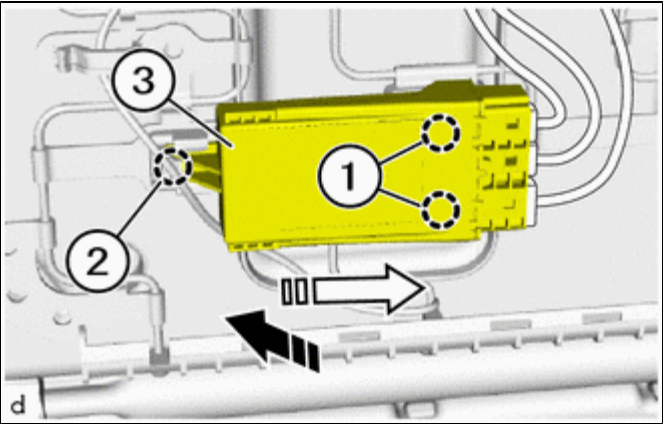
- for Power Seat:

Seat heater control sub-assembly is installed to the front passenger side.

(a) Connect the connectors (1) to the seat heater control sub-assembly (2).



(b) Engage the guide (2) and guides (1) to install the seat heater control sub-assembly (3) as shown in the illustration.



	Install in this Direction (1)
	Install in this Direction (2)

2. INSTALL FRONT SEAT ASSEMBLY (for Manual Seat)

Click here [INFO](#)

3. INSTALL FRONT SEAT ASSEMBLY RH (for Power Seat)

Click here [INFO](#)

