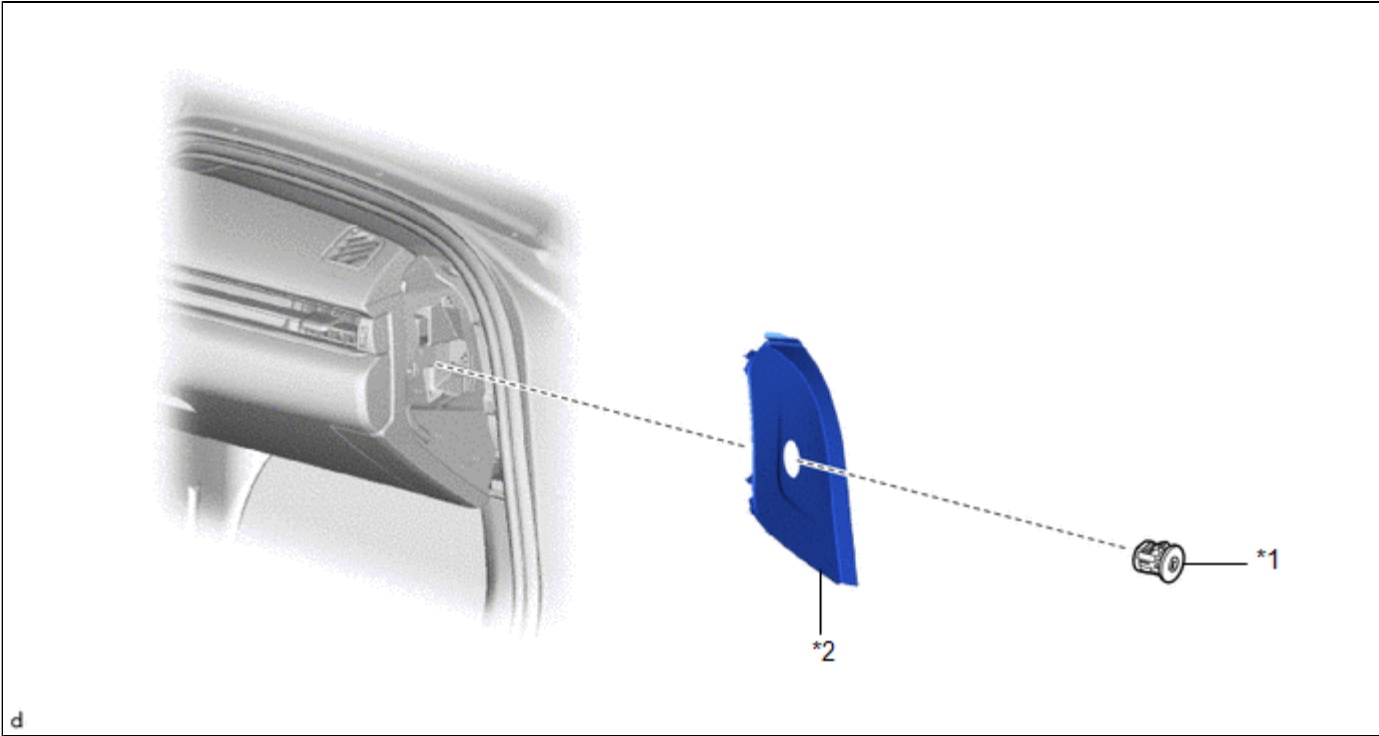


Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJP
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: AIRBAG CUT-OFF SWITCH: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	AIRBAG CUT OFF SWITCH CYLINDER SUB-ASSEMBLY	*2	NO. 1 INSTRUMENT SIDE PANEL
----	---	----	-----------------------------

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJQ
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: AIRBAG CUT-OFF SWITCH: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Pyrotechnic components.

Danger! Life-threatening injuries!



- All work on pyrotechnic parts may be carried out by technically experienced and appropriately trained personnel only.
- Replace any damaged part or ones that have been dropped.
- For additional information see:

Click here [INFO](#)

- Working on 12 V vehicle electrical system.

Risk of short circuits! Risk of fire!

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

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.

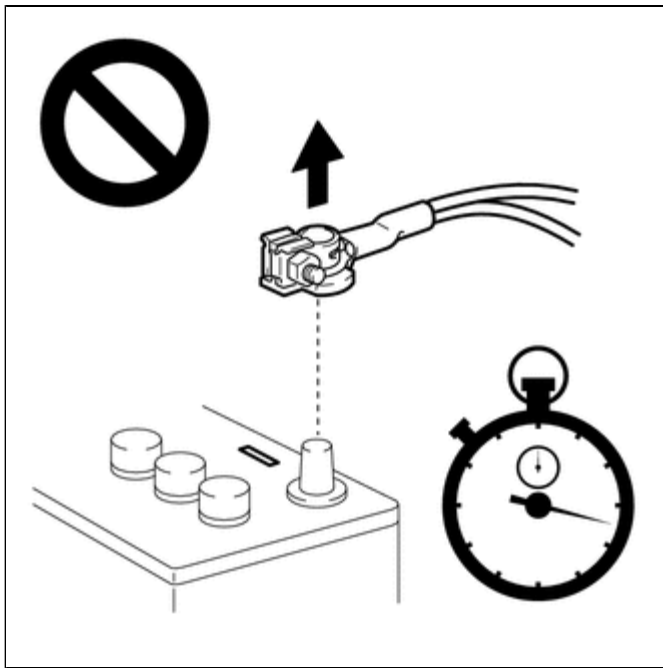
PROCEDURE

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

CAUTION:

- Wait at least 60 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system.
- If the airbag deploys for any reason, it may cause a serious accident.

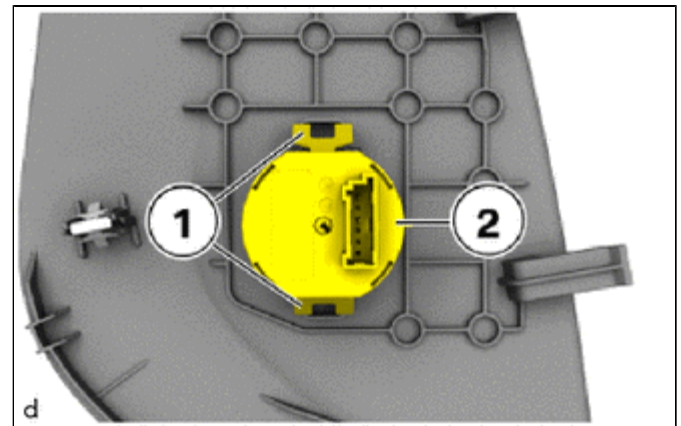


2. REMOVE NO. 1 INSTRUMENT SIDE PANEL

Click here [INFO](#)

3. REMOVE AIRBAG CUT OFF SWITCH CYLINDER SUB-ASSEMBLY

(a) Detach the clamps (1) to remove the airbag cut off switch cylinder sub-assembly (2).



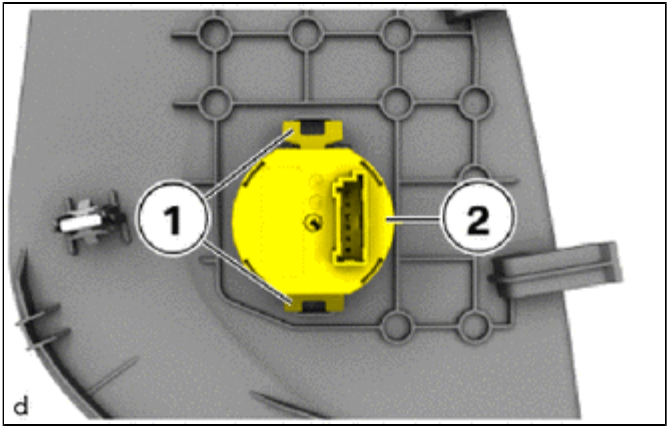
Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJR
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: AIRBAG CUT-OFF SWITCH: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

PROCEDURE

1. INSTALL AIRBAG CUT OFF SWITCH CYLINDER SUB-ASSEMBLY

(a) Attach the clamps (1) to install the airbag cut off switch cylinder sub-assembly (2).



2. INSTALL NO. 1 INSTRUMENT SIDE PANEL

Click here [INFO](#)

3. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCK1
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: AIRBAG SYSTEM: PRECAUTION; 2020 MY Supra [03/2019 -]		

PRECAUTION

CAUTION:

Failure to comply with the warning notices and repair notes for gas generator components can cause accidental deployment and result in injury and vehicle damage!

(a) This applies in particular to the following components.

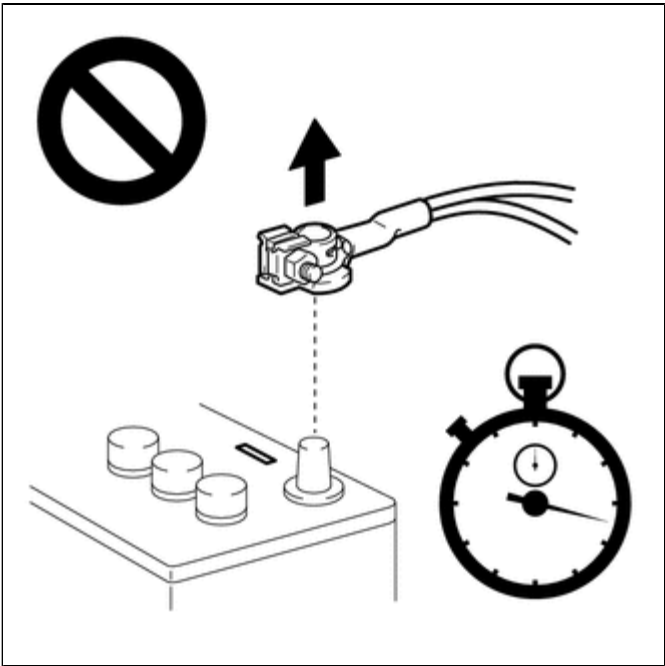
- Horn button assembly
- Instrument panel passenger without door airbag assembly
- Front seat airbag assembly
- Front seat outer belt assembly
- Curtain shield airbag assembly
- Lower No. 1 instrument panel airbag assembly
- Lower No. 2 instrument panel airbag assembly
- Safety battery terminal
- Airbag sensor
- Side airbag pressure sensor

PRECAUTION FOR DISCONNECTING CABLE FROM NEGATIVE BATTERY TERMINAL

(a) Work on components of the airbag system should only ever be carried out with the battery disconnected, the negative terminal post covered and the plug connection of the cable leading to the gas generator disconnected. If only the vehicle battery is disconnected, the prescribed waiting period of 60 seconds must be observed without fail.

CAUTION:

The SRS is equipped with a back-up power source. If work is started within 60 seconds of disconnecting the cable from the negative (-) battery terminal, the SRS parts may deploy.



GENERAL PRECAUTION

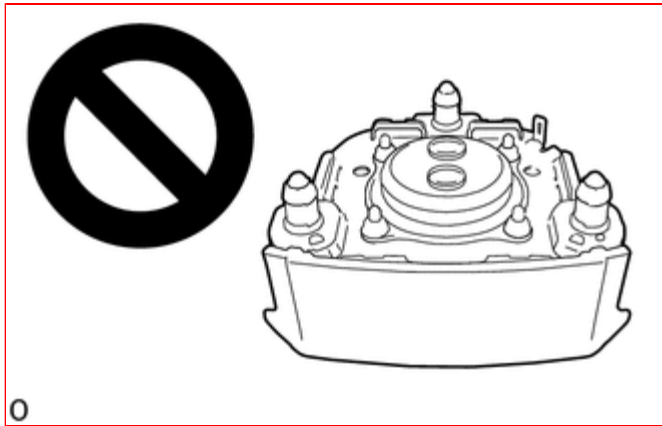
(a) When handling, transporting and storing gas generators, observe the country-specific regulations!

- (b) Checking and installation work must be carried out by professionally trained personnel only.
- (c) In the event of breaks in work, a component with a gas generator that has been removed must be secured against access by other persons.
- (d) Individual components must never be repaired. Instead, always replace them.
- (e) Do not treat airbag system components with cleaning agents or grease.
- (f) Components of the airbag system must not be exposed to temperatures in excess of 75 °C (167 °F).
- (g) Airbag system components, including electronic diagnostic components, which have been dropped from heights in excess of 0.5 m (1.64 ft.) must not be reinstalled in the vehicles.
- (h) Do not remove components of the airbag system from the original packaging until immediately before they are to be installed in the vehicle.
- (i) Before installing, subject components such as housing, connector pins, etc. of the airbag system to a visual inspection for damage and replace if necessary.
- (j) Airbag system components may only be electrically tested while they are installed and only with the diagnosis system.
- (k) Components with gas generators must not be fired while they are removed. They must be disposed of by special disposal companies or returned to the manufacturer in the packaging of the new parts.
- (l) Avoid all contact with the skin when removing a fired airbag module - wear gloves. Wash with water after contact with the skin.

PRECAUTION FOR HORN BUTTON ASSEMBLY, INSTRUMENT PANEL PASSENGER WITHOUT DOOR AIRBAG ASSEMBLY, FRONT SEAT AIRBAG ASSEMBLY, CURTAIN SHIELD AIRBAG ASSEMBLY, LOWER NO. 1 INSTRUMENT PANEL AIRBAG ASSEMBLY, LOWER NO. 2 INSTRUMENT PANEL AIRBAG ASSEMBLY

CAUTION:

- Danger of injury
 - The airbag module may only be set down with the airbag itself facing upwards. Otherwise the airbag module will be thrown upwards if the gas generator is ignited.



- (a) Do not point the ignition squib of a gas generator at other persons.
- (b) When storing an airbag, do not place anything on top of it or place it in a pile.

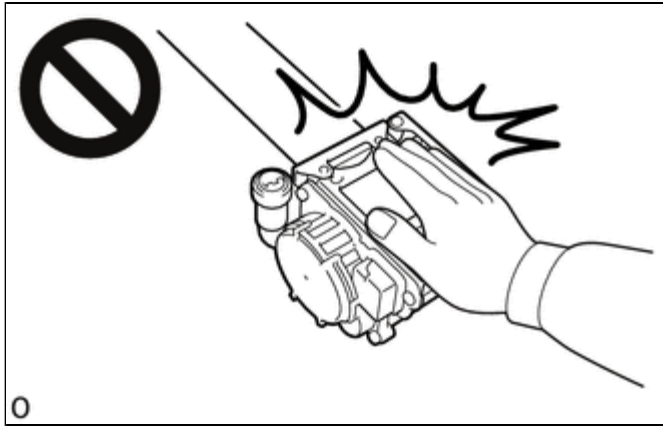
PRECAUTION FOR FRONT SEAT OUTER BELT ASSEMBLY (PRETENSIONER)

- (a) Do not point the ignition squib of a gas generator at other persons.
- (b) Do not touch the area around the retractor, even when a front seat outer belt assembly or rear seat outer belt assembly is temporarily removed during service.

CAUTION:

If the pretensioner unexpectedly deploys and the front seat outer belt assembly or rear seat outer belt assembly is

retracted during an operation, it could cause a serious accident.



(c) When storing a pretensioner, do not place objects on top of it or place it in a pile.

PRECAUTION FOR SAFETY BATTERY TERMINAL

(a) Do not point the ignition squib of a gas generator at other persons.

PRECAUTION FOR AIRBAG SENSOR

- (a) If a sensor has been dropped make sure to replace it with a new one.
- (b) If a sensor has been subjected to strong impact make sure to replace it with a new one.
- (c) Individual components must never be repaired. Instead, always replace them.

WHEN SERVICING DAMEGED VEHICLE

- (a) When carrying out straightening and welding work with an electric welder:
 - (1) Disconnect battery.
 - (2) Cover negative terminal (post).

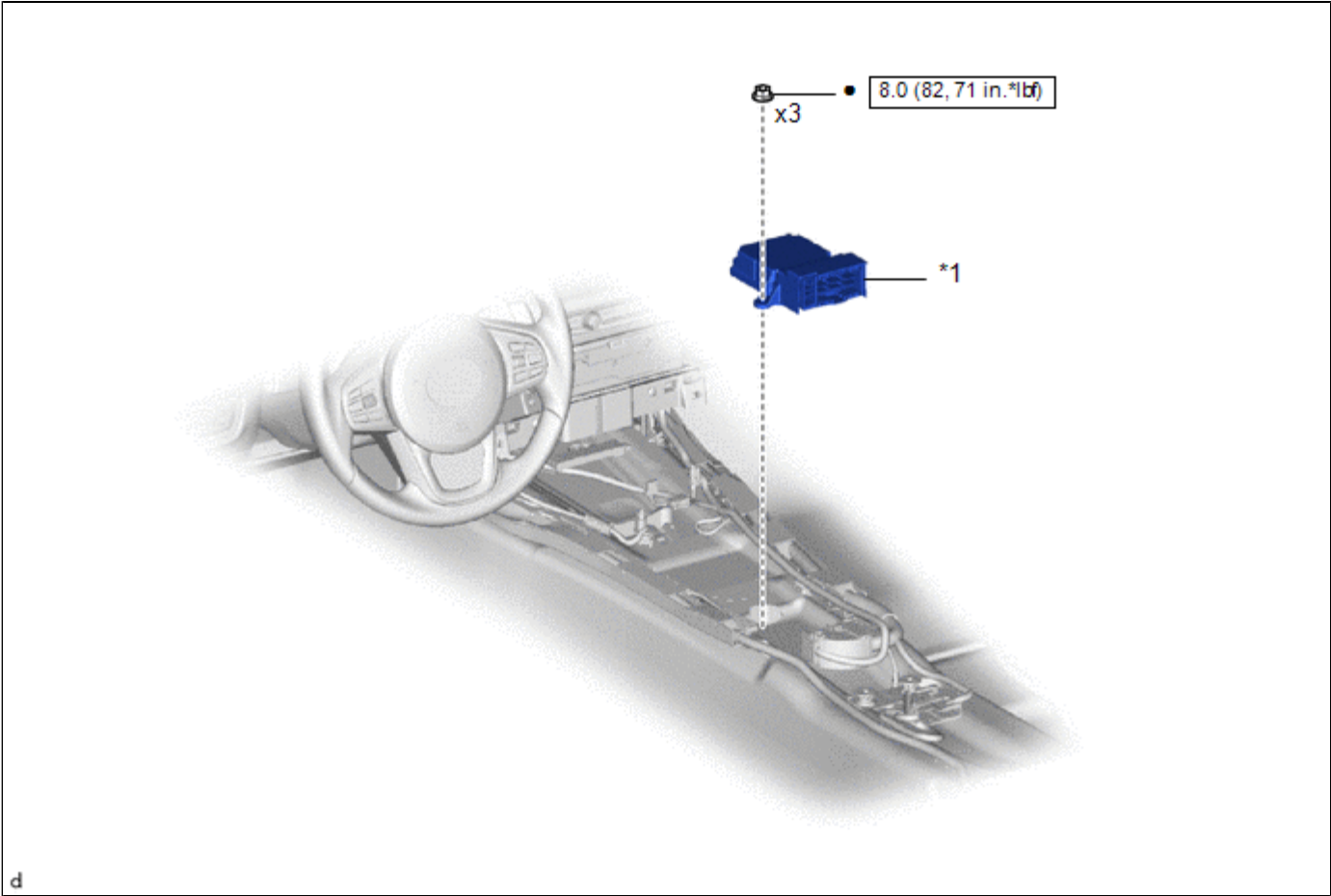
PRECAUTION FOR SIDE AIRBAG PRESSURE SENSOR

- (a) Do not treat airbag system components with cleaning agents or grease.
- (b) Do not make any modifications to the front door that may change the inner pressure of the front door.
- (c) Individual components must never be repaired. Instead, always replace them.

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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: CENTER AIRBAG SENSOR ASSEMBLY: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	AIRBAG ECU ASSEMBLY	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJE
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: CENTER AIRBAG SENSOR ASSEMBLY: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Working on 12 V vehicle electrical system.

Risk of short circuits! Risk of fire!

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

- Pyrotechnic components.

Danger! Life-threatening injuries!



- All work on pyrotechnic parts may be carried out by technically experienced and appropriately trained personnel only.
- Replace any damaged part or ones that have been dropped.
- For additional information see:

Click here [INFO](#)

- 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.

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 CONSOLE BOX ASSEMBLY

Click here [INFO](#)

2. REMOVE AIRBAG ECU ASSEMBLY

NOTICE:

- Electrostatic discharge.

Damage to or destruction of electrical components.

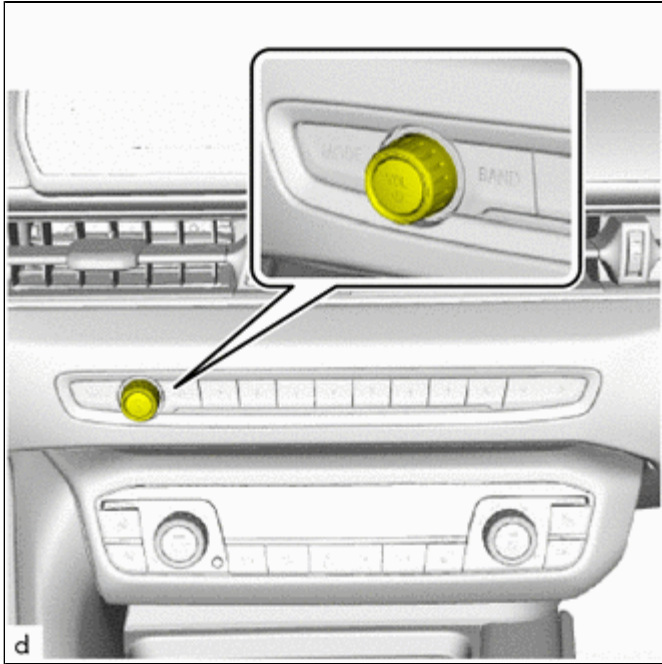
- Only touch the housings of electrical components. Do not touch pins or multi-pin connectors directly.
- For additional information see:

[Click here](#) 

(a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.

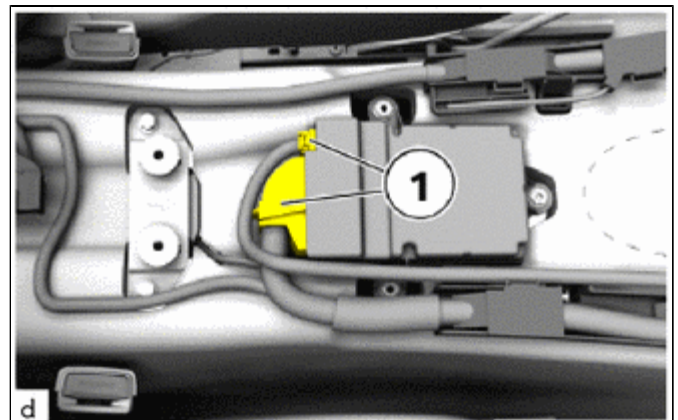


(b) Check that the cable is disconnected from the negative (-) battery terminal.

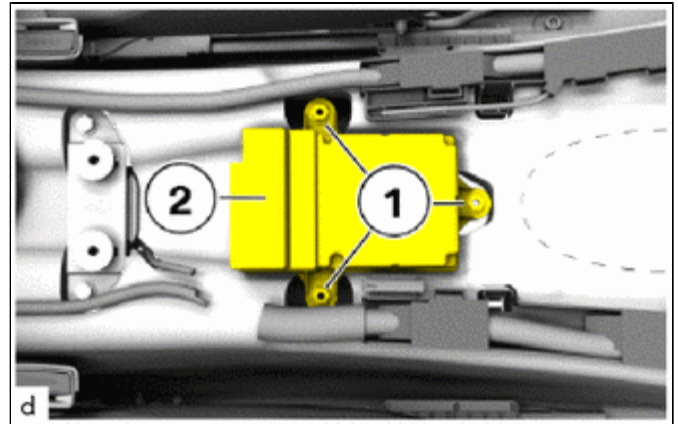
CAUTION:

- 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.

(c) Unlock the plug connection (1) and disconnect.



(d) Loosen the nuts (1).



(e) Remove the airbag ECU assembly (2).

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJF
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: CENTER AIRBAG SENSOR ASSEMBLY: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

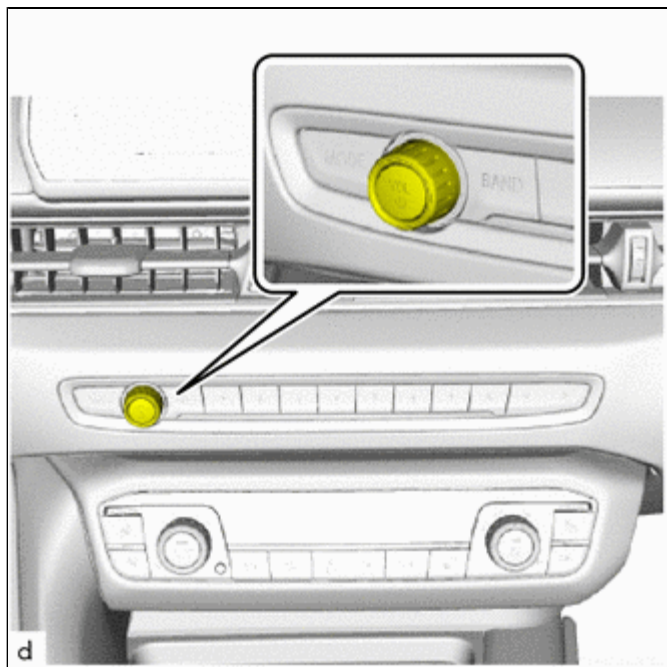
PROCEDURE

1. INSTALL AIRBAG ECU ASSEMBLY

- (a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.



- (b) Check that the cable is disconnected from the negative (-) battery terminal.

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.

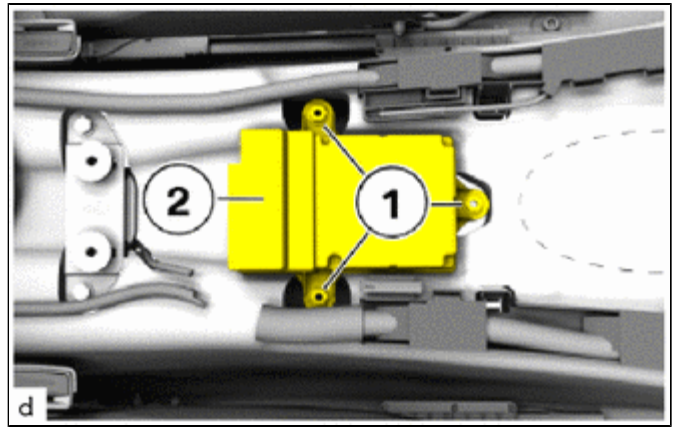
- (c) Install the airbag ECU assembly (2).

- (d) Replace the nuts (1).

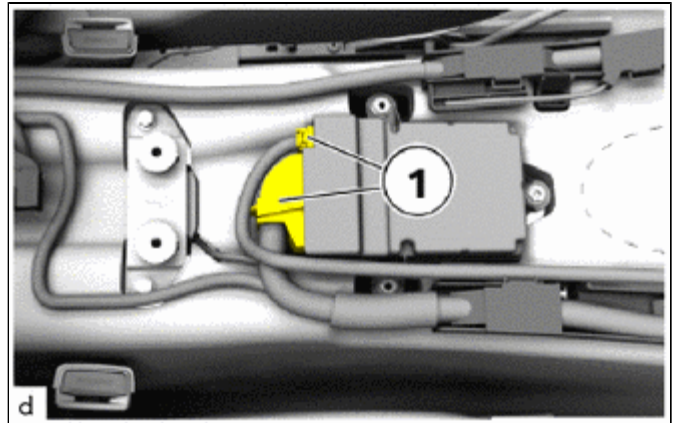
- (e) Tighten the nuts (1).

Torque:

8.0 N·m {82 kgf·cm, 71 in·lbf}



(f) Connect the connectors (1) and lock.



2. INSTALL CONSOLE BOX ASSEMBLY

Click here [INFO](#)

3. ADJUST AIRBAG ECU ASSEMBLY

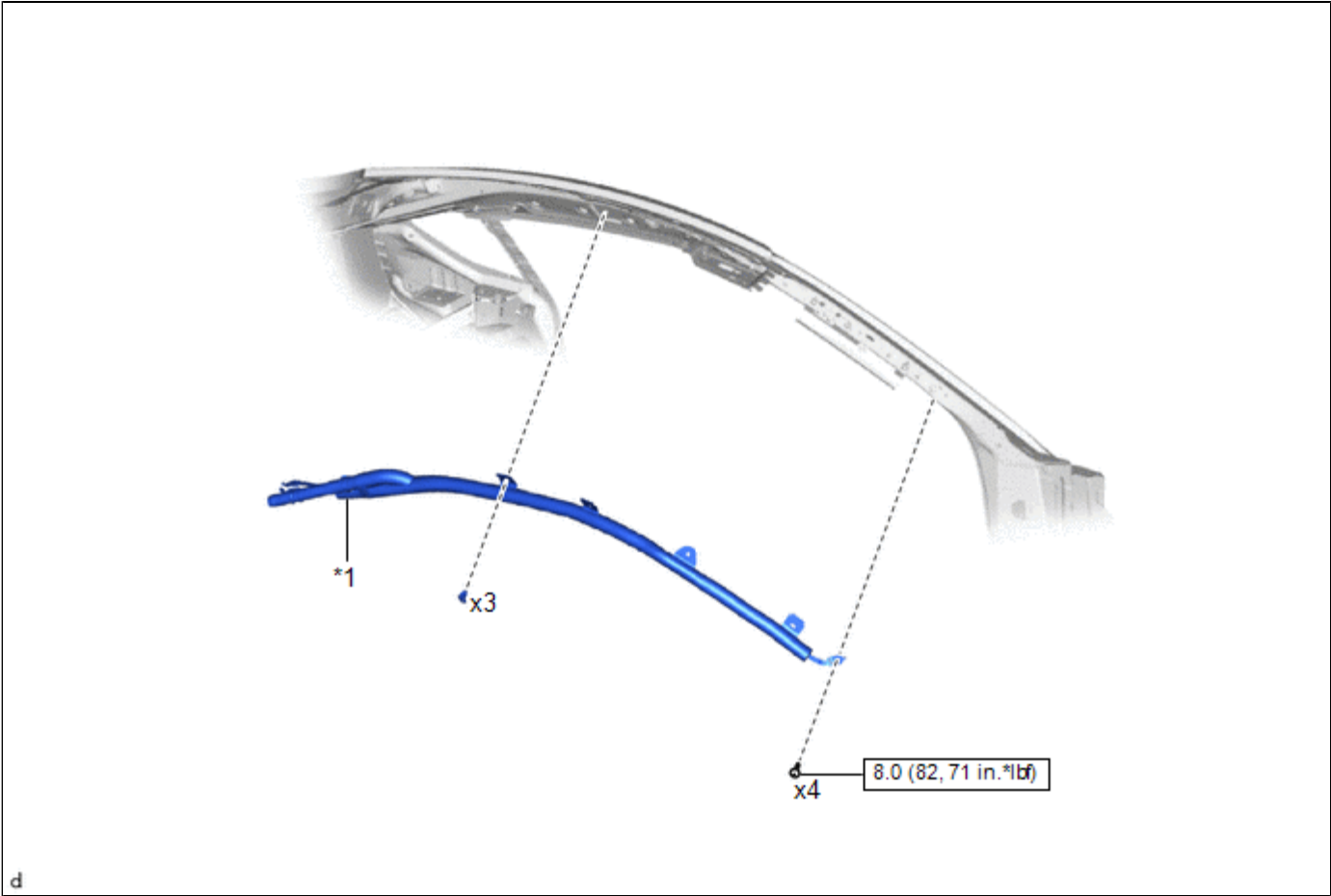
(a) Connect the diagnosis system to the vehicle and enter the following menus:

Service functions / Chassis / Traction control system / Adjustment of the driving dynamics sensors

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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: CURTAIN SHIELD AIRBAG ASSEMBLY: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	CURTAIN SHIELD AIRBAG ASSEMBLY	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJ5
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: CURTAIN SHIELD AIRBAG ASSEMBLY: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

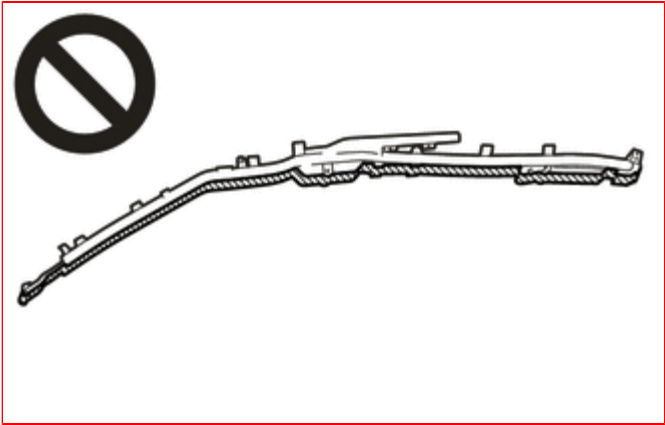
CAUTION:



- 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.



	Cushion (Airbag Itself)
--	-------------------------

- 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](#)

- 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.

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

PROCEDURE

1. REMOVE ROOF HEADLINING ASSEMBLY

Click here [INFO](#)

2. REMOVE CURTAIN SHIELD AIRBAG ASSEMBLY

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!

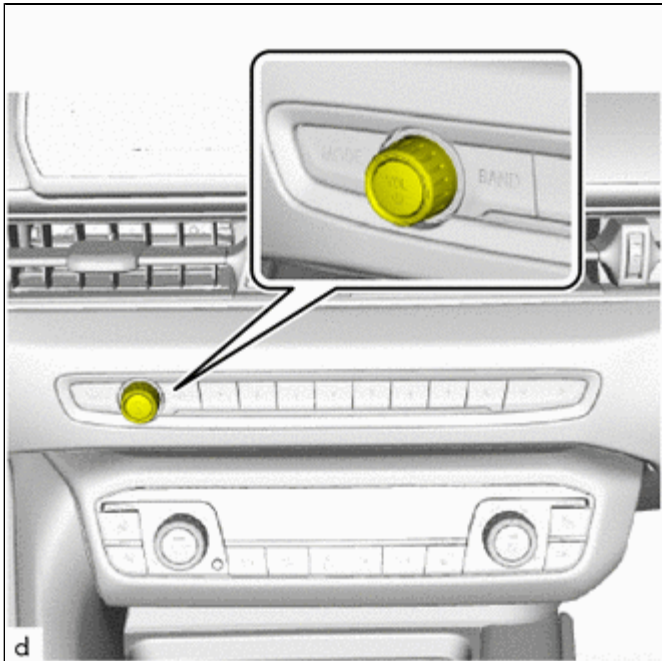
- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- For additional information see:

Click here [INFO](#)

(a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.

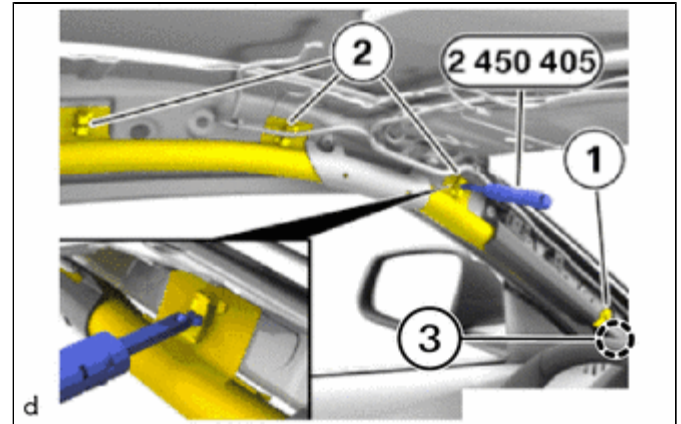


(b) Check that the cable is disconnected from the negative (-) battery terminal.

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.

(c) Loosen the T30 bolt (1).

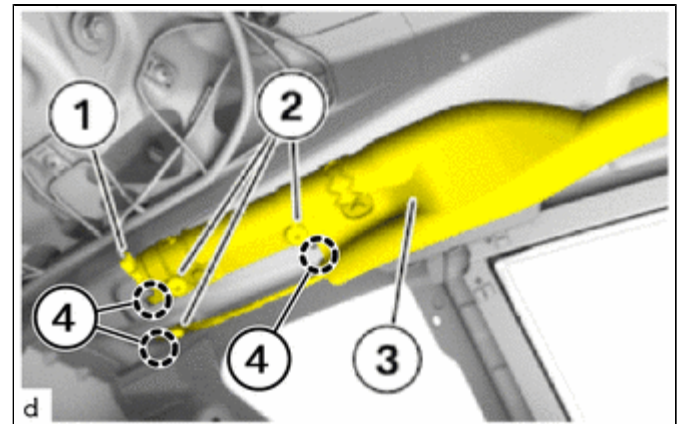


(d) Detach the guide (3).

(e) Unlock and detach the clamps (2) using special tool 2 450 405.

SST: 09800-WA280

(f) Unlock the plug connection (1) and disconnect.



(g) Loosen the T30 bolts (2).

(h) Detach the guides (4) to remove the curtain shield airbag assembly (3).

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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: CURTAIN SHIELD AIRBAG ASSEMBLY: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

HINT:

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

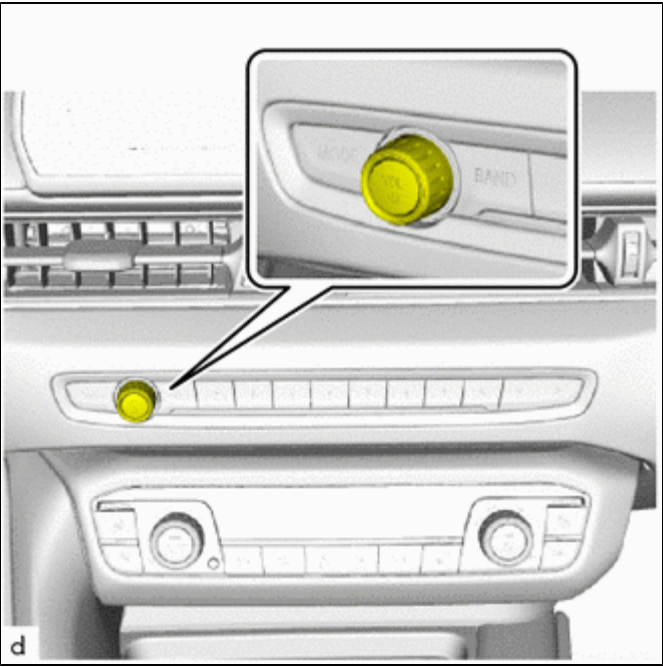
PROCEDURE

1. INSTALL CURTAIN SHIELD AIRBAG ASSEMBLY

- (a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.

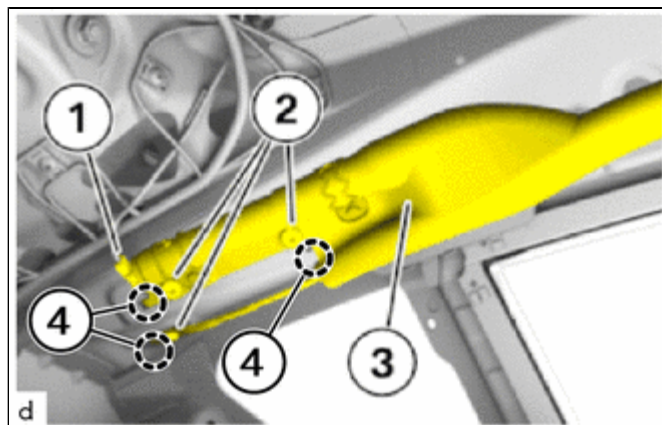


- (b) Check that the cable is disconnected from the negative (-) battery terminal.

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.

(c) Attach the guides (4) to install the curtain shield airbag assembly (3).



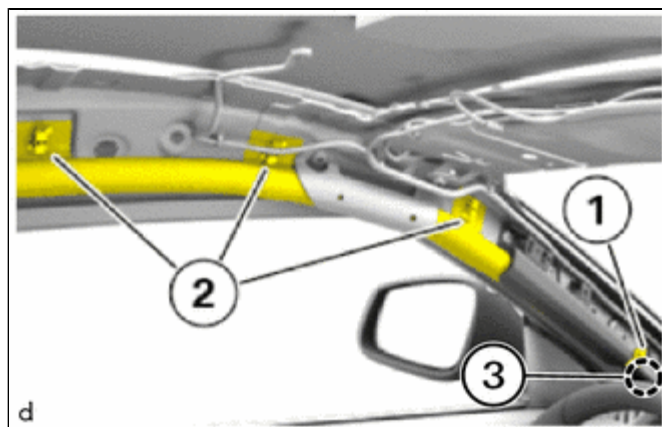
(d) Tighten the T30 bolts (2).

Torque:

8.0 N·m { 82 kgf·cm, 71 in·lbf }

(e) Connect the plug connection (1) and lock.

(f) Attach the clamps (2).



(g) Attach the guide (3).

(h) Tighten the T30 bolt (1).

Torque:

8.0 N·m { 82 kgf·cm, 71 in·lbf }

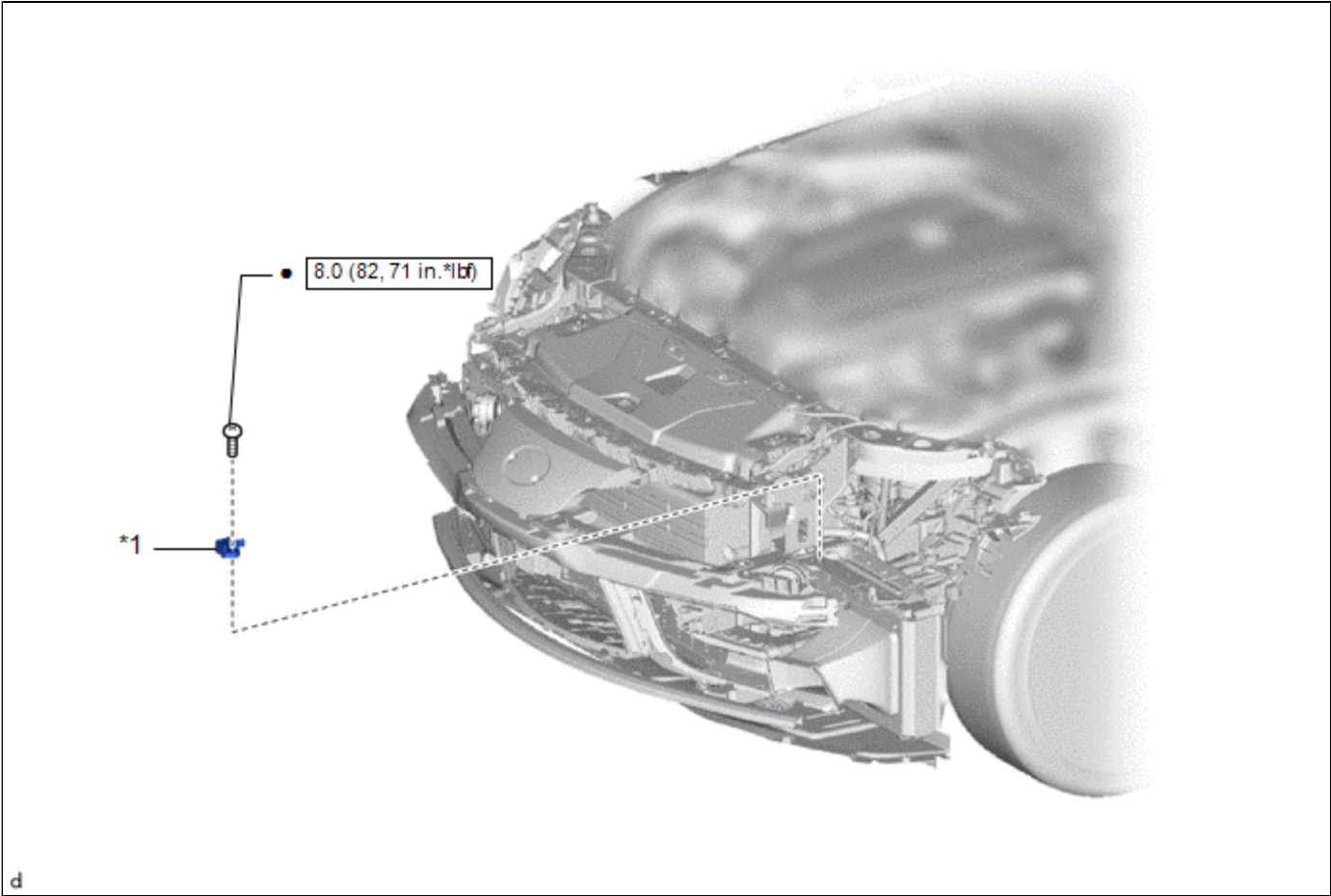
2. INSTALL ROOF HEADLINING ASSEMBLY

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJG
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: FRONT AIRBAG SENSOR: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	FRONT AIRBAG SENSOR	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJH
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: FRONT AIRBAG SENSOR: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:



- Pyrotechnic components.

Danger! Life-threatening injuries!

- All work on pyrotechnic parts may be carried out by technically experienced and appropriately trained personnel only.
- Replace any damaged part or ones that have been dropped.
- For additional information see:

Click here [INFO](#)

- Working on 12 V vehicle electrical system.

Risk of short circuits! Risk of fire!

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

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

PROCEDURE

1. REMOVE HEADLIGHT ASSEMBLY

Click here [INFO](#)

2. REMOVE FRONT AIRBAG SENSOR

NOTICE:

- Electrostatic discharge.

Damage to or destruction of electrical components.

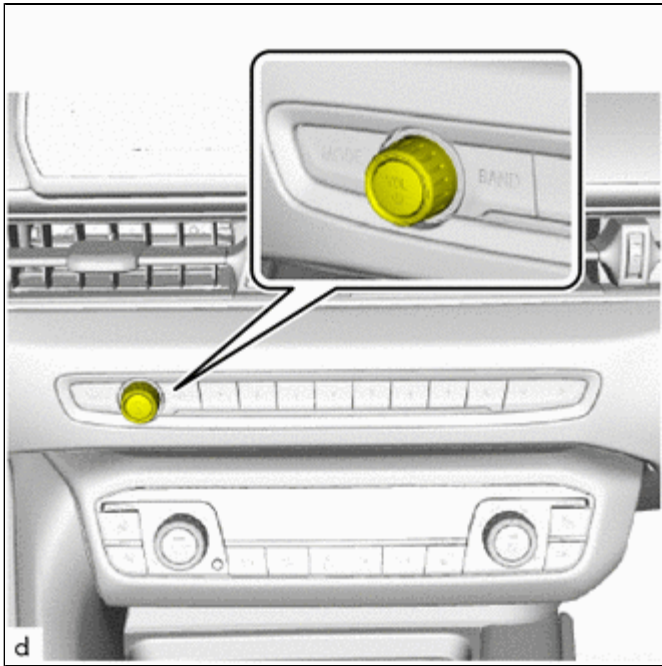
- Only touch the housings of electrical components. Do not touch pins or multi-pin connectors directly.
- For additional information see:

Click here [INFO](#)

(a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.

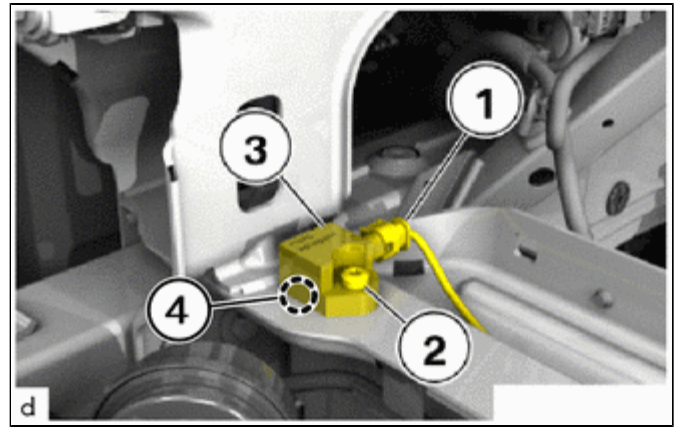


(b) Check that the cable is disconnected from the negative (-) battery terminal.

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.

(c) Unlock the plug connection (1) and disconnect.



(d) Loosen the T30 bolt (2) and detach the guide (4) to remove the front airbag sensor (3).



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJI
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: FRONT AIRBAG SENSOR: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

HINT:

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

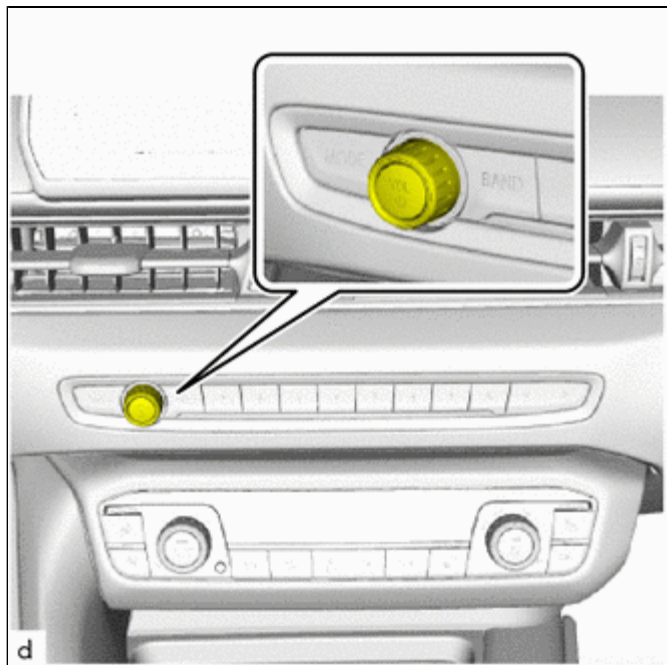
PROCEDURE

1. INSTALL FRONT AIRBAG SENSOR

- Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.

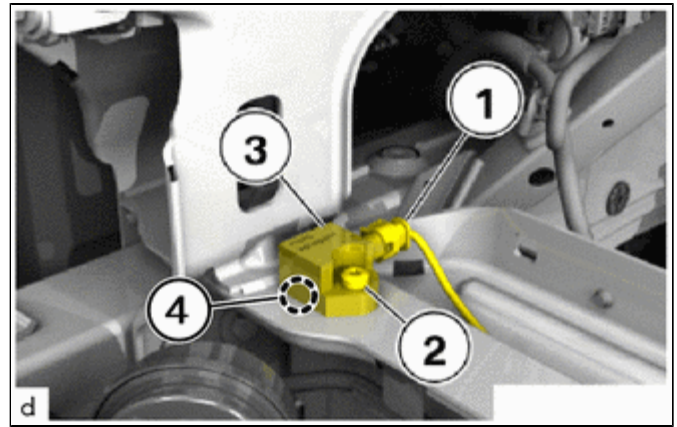


- Check that the cable is disconnected from the negative (-) battery terminal.

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.

(c) Attach the guide (4) to install the front airbag sensor (3).



(d) Replace the T30 bolt (2).

(e) Tighten the T30 bolt (2).

Torque:

8.0 N·m { 82 kgf·cm, 71 in·lbf }

(f) Connect the connectors (1) and lock.

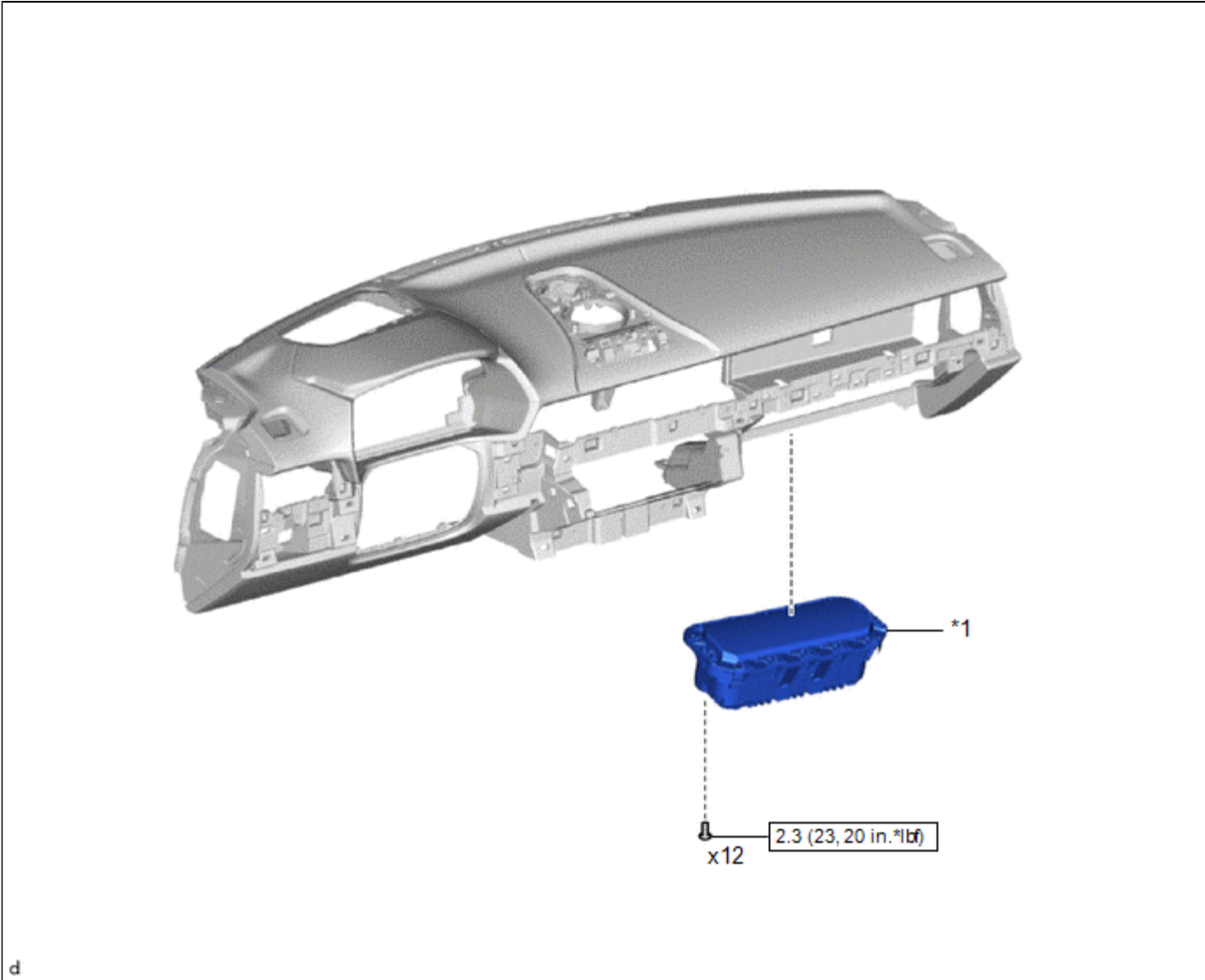
2. INSTALL HEADLIGHT ASSEMBLY

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJ1
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: FRONT PASSENGER AIRBAG ASSEMBLY: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	INSTRUMENT PANEL PASSENGER WITHOUT DOOR AIRBAG ASSEMBLY	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJ2
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: FRONT PASSENGER AIRBAG ASSEMBLY: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

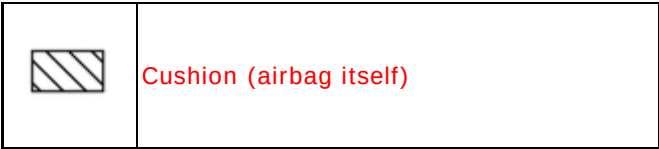
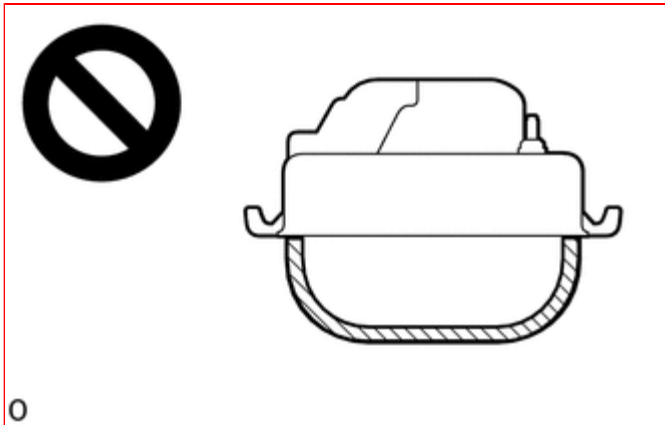
CAUTION:

- 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](#)

PROCEDURE

1. REMOVE INSTRUMENT PANEL SAFETY PAD ASSEMBLY

Click here [INFO](#)

2. REMOVE INSTRUMENT PANEL PASSENGER WITHOUT DOOR AIRBAG ASSEMBLY

CAUTION:

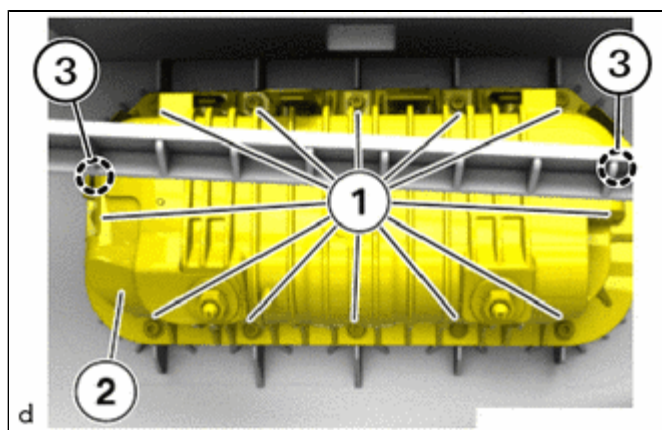
- Airbag unit.

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.
- For additional information see:

Click here [INFO](#)

(a) Loosen the T30 screws (1).



(b) Detach the guides (3) to remove the instrument panel passenger without door airbag assembly (2) from the instrument panel safety pad assembly.



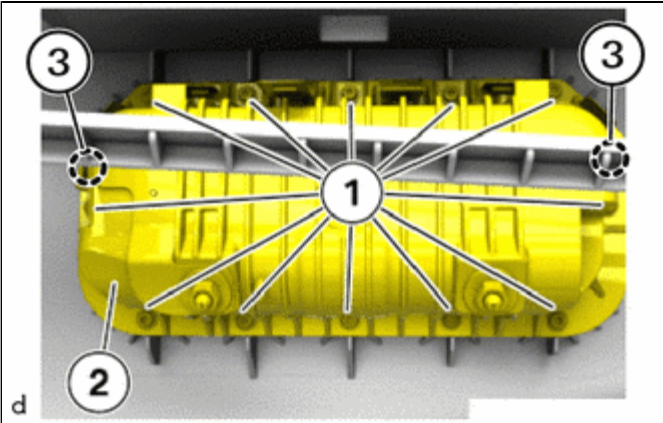
Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJ3
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: FRONT PASSENGER AIRBAG ASSEMBLY: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

PROCEDURE

1. INSTALL INSTRUMENT PANEL PASSENGER WITHOUT DOOR AIRBAG ASSEMBLY

(a) Attach the guides (3) to install the instrument panel passenger without door airbag assembly (2) to the instrument panel safety pad assembly.



(b) Tighten the T30 screws (1).

Torque:
2.3 N·m {23 kgf·cm, 20 in·lbf}

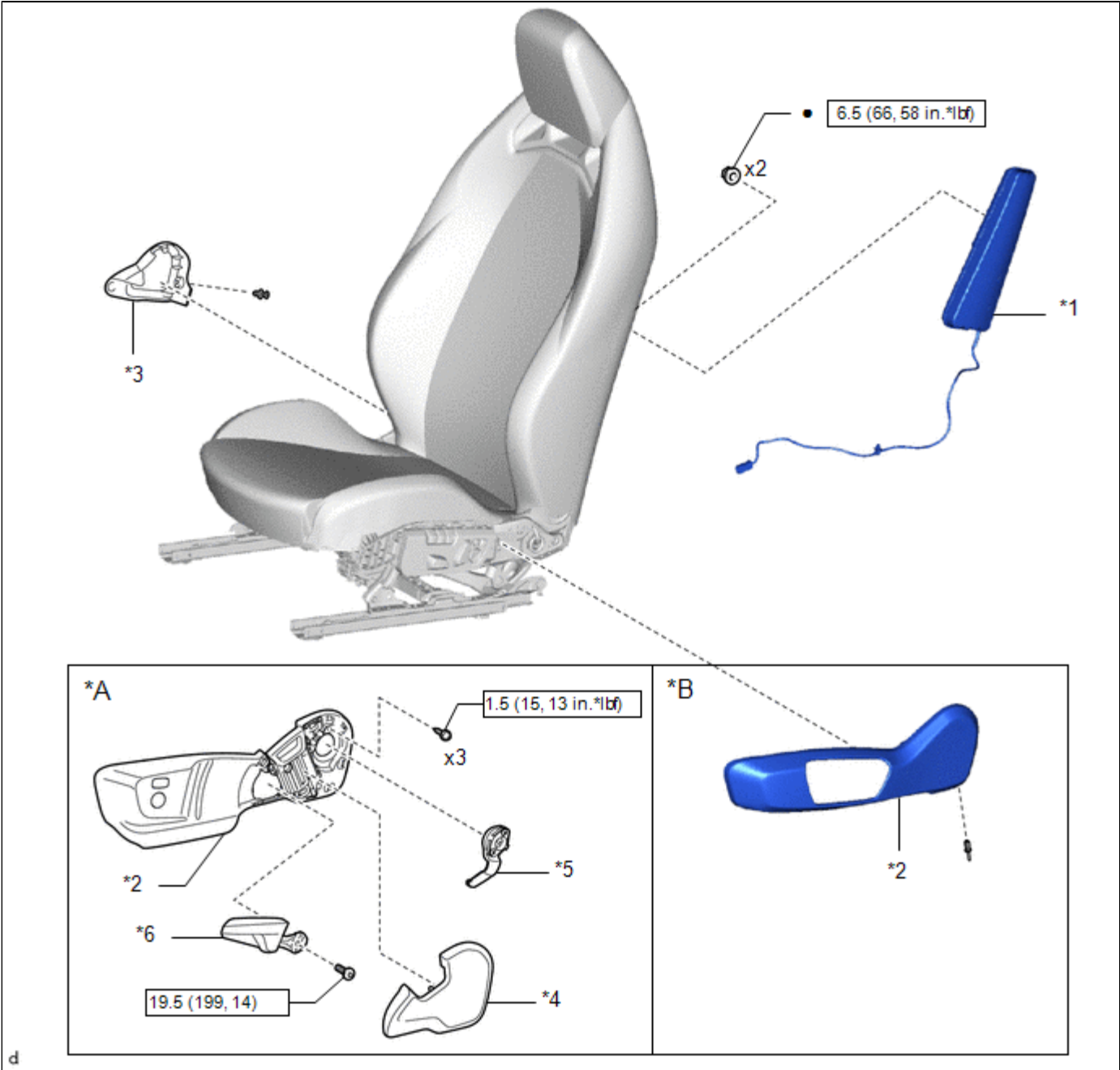
2. INSTALL INSTRUMENT PANEL SAFETY PAD ASSEMBLY

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJ7
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: FRONT SEAT SIDE AIRBAG ASSEMBLY: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*A	for Manual Seat	*B	for Power Seat
*1	FRONT SEAT AIRBAG ASSEMBLY	*2	FRONT SEAT CUSHION SHIELD
*3	FRONT SEAT CUSHION INNER 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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Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJ8
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: FRONT SEAT SIDE AIRBAG ASSEMBLY: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

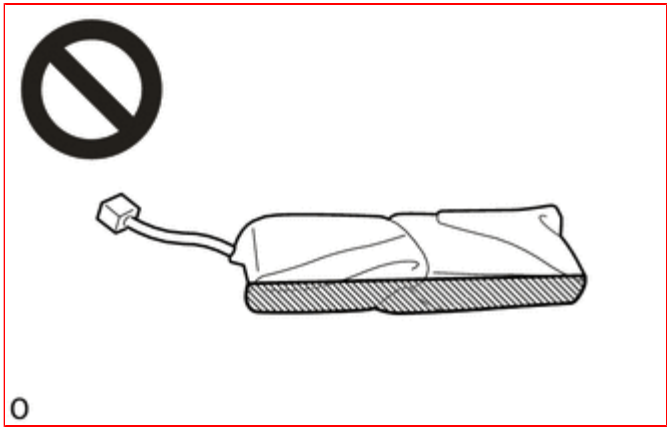
CAUTION:



- 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.



	Cushion (Airbag Itself)
---	-------------------------

- 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.



- There is risk of injury.

HINT:

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

PROCEDURE

1. REMOVE FRONT SEAT ASSEMBLY

- for Manual Seat:

Click here [INFO](#)

- for Power Seat:

Click here [INFO](#)

2. REMOVE FRONT SEAT CUSHION INNER SHIELD

Click here [INFO](#)

3. REMOVE FRONT SEAT SIDE SHIELD (for Manual Seat)

Click here [INFO](#)

4. REMOVE NO. 2 RECLINING ADJUSTER RELEASE ARM (for Manual Seat)

Click here [INFO](#)

5. REMOVE VERTICAL ADJUSTING HANDLE (for Manual Seat)

Click here [INFO](#)

6. REMOVE FRONT SEAT CUSHION SHIELD (for Manual Seat)

Click here [INFO](#)

7. REMOVE FRONT SEAT CUSHION SHIELD (for Power Seat)

8. REMOVE FRONT SEAT AIRBAG ASSEMBLY

CAUTION:

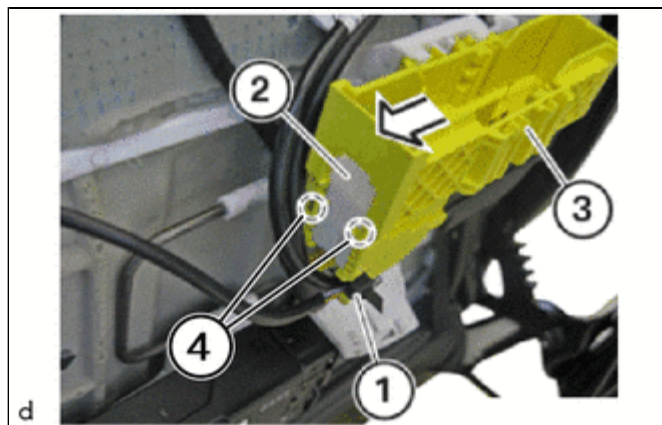
- Airbag unit.

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.
- For additional information see:

Click here [INFO](#)

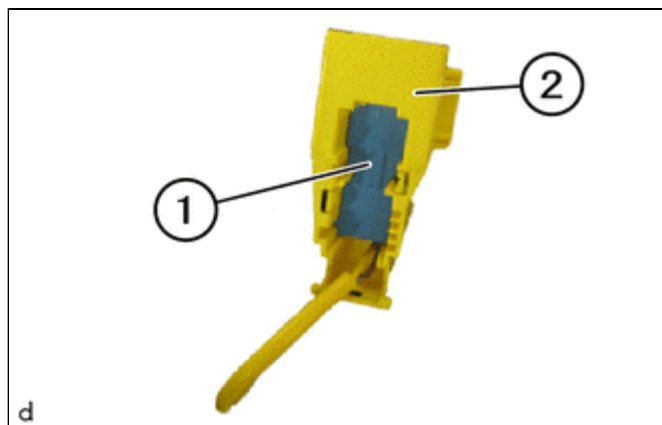
(a) Loosen the tie band (1).



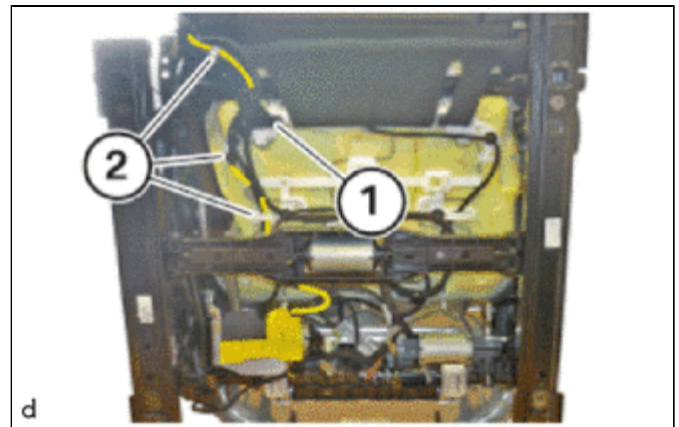
(b) Detach the claws (4) carefully.

(c) Remove the connector (2) in the direction of the arrow from the connector housing (3).

(d) Remove the connector (1) from the connector housing (2).



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



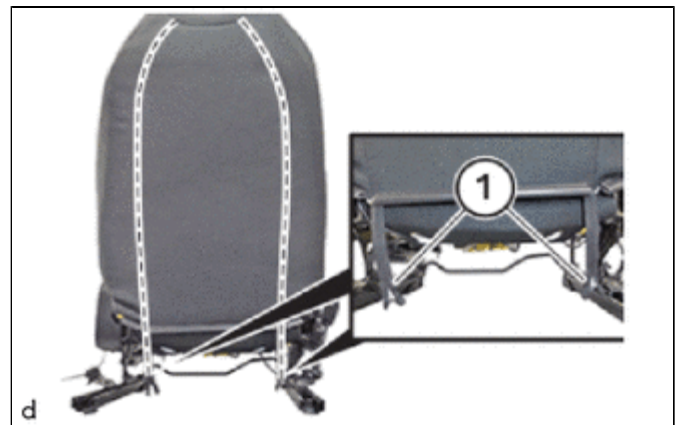
(f) Detach the clamps (2).

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

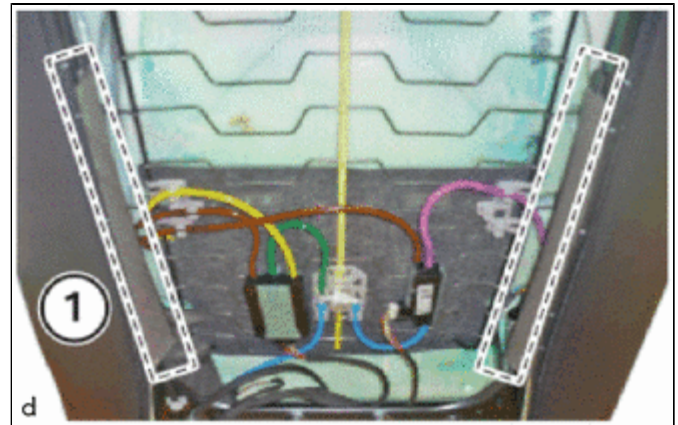


(h) Using a special tool 0 490 472 (00 5 020), open the fasteners (1) in the marked area.

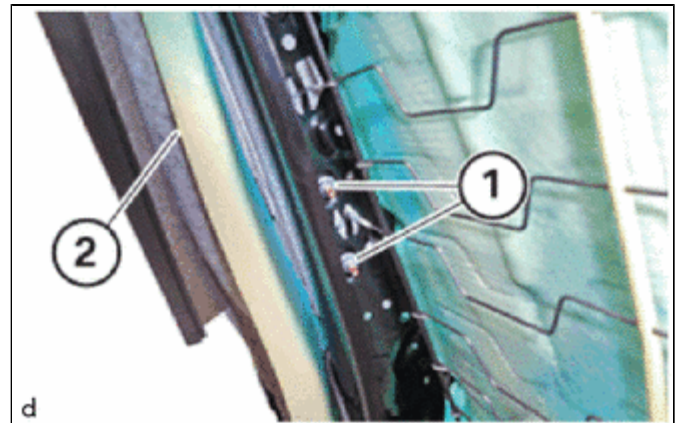
SST: 09300-WA180



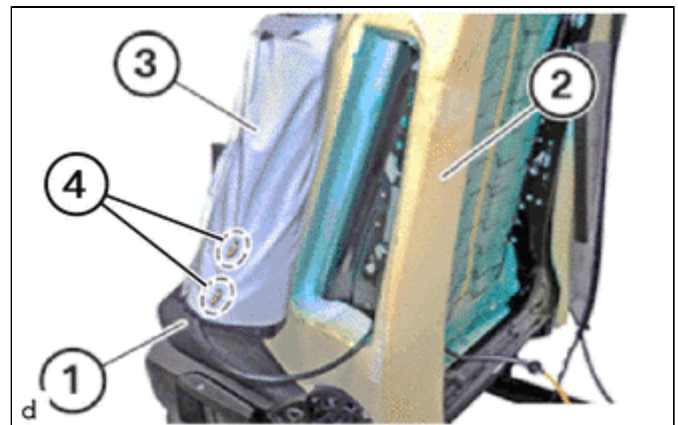
- (i) Detach the separate type front seatback cover (1) in the marked area.



- (j) Loosen the nuts (1).



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



- (l) Carefully remove the front seat airbag assembly (1) from the separate type front seatback pad (2).

- (m) Carefully remove the front seat airbag assembly (1) 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 cover.



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJ9
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: FRONT SEAT SIDE AIRBAG ASSEMBLY: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

HINT:

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

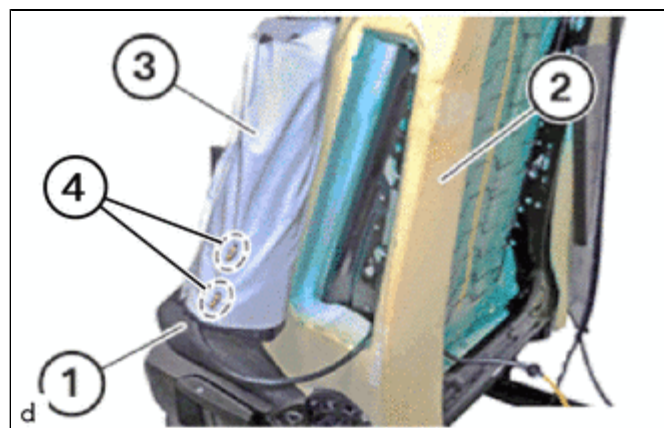
PROCEDURE

1. INSTALL FRONT SEAT AIRBAG ASSEMBLY

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

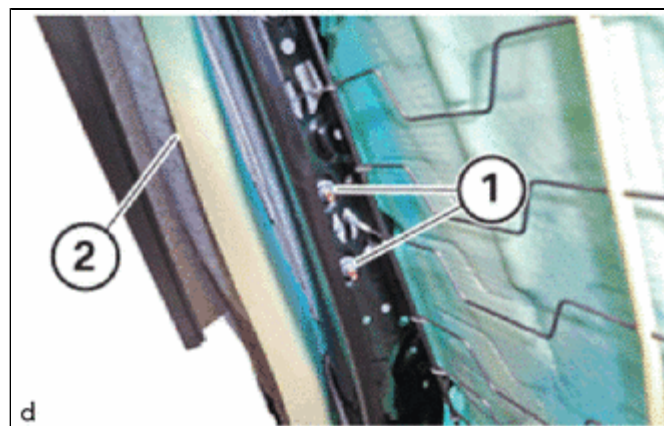
NOTICE:

Make sure that the stud bolts (4) do not damage the pocket in the 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.



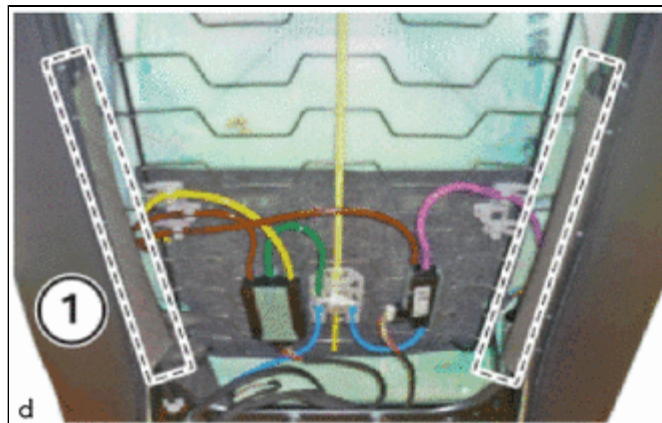
- (d) Replace the nuts (1).

- (e) Tighten the nuts (1).

Torque:

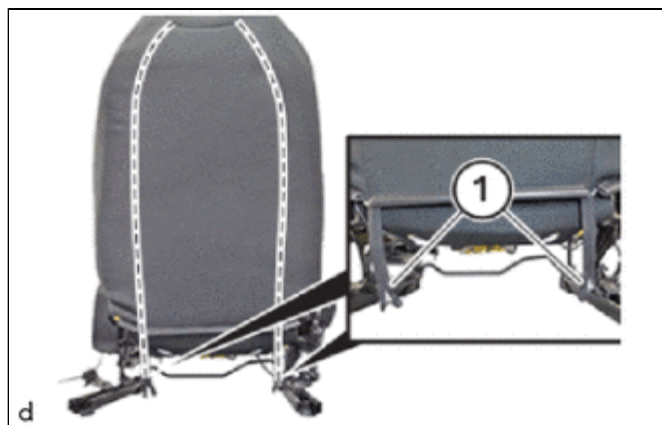
6.5 N·m { 66 kgf·cm, 58 in·lbf }

- (f) Position the separate type front seatback cover (1) correctly in the marked area and clip it in.



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

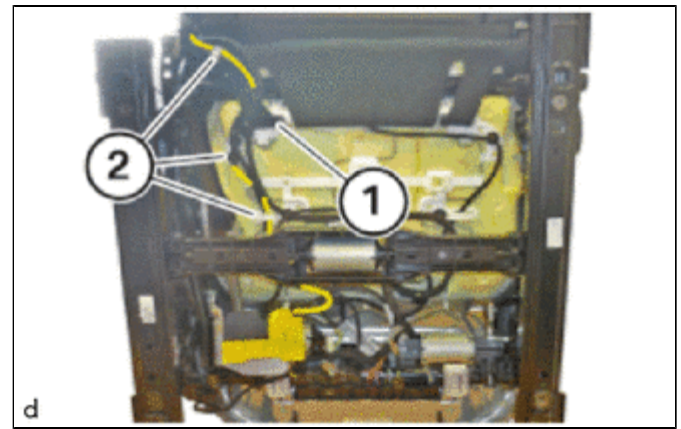
SST: 09300-WA180



- (h) Position the separate type front seatback cover (1) correctly in the marked area and clip it in.



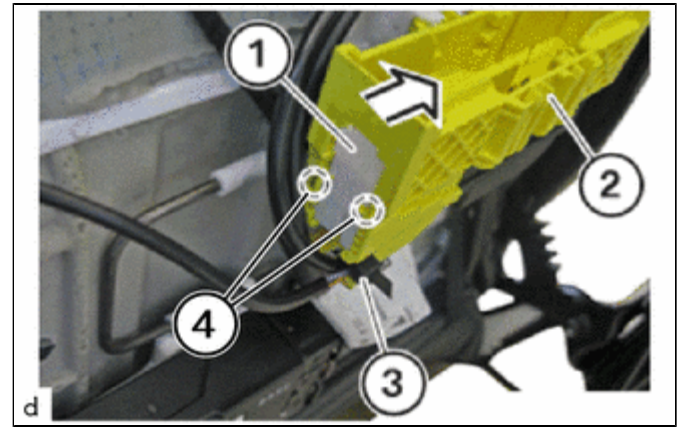
(i) Attach the clamps (2).



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

(k) Install the connector to the connector housing.

(l) Attach the claws to install the connector (1) to the connector housing (2).



(m) Fasten the cable (3) with tie band to the connector housing (2).

2. INSTALL FRONT SEAT CUSHION SHIELD (for Power Seat)

Click here [INFO](#)

3. INSTALL FRONT SEAT CUSHION SHIELD (for Manual Seat)

Click here [INFO](#)

4. INSTALL VERTICAL ADJUSTING HANDLE (for Manual Seat)

Click here [INFO](#)

5. INSTALL NO. 2 RECLINING ADJUSTER RELEASE ARM (for Manual Seat)

Click here [INFO](#)

6. INSTALL FRONT SEAT SIDE SHIELD (for Manual Seat)

Click here [INFO](#)

7. INSTALL FRONT SEAT CUSHION INNER SHIELD

Click here [INFO](#)

8. INSTALL FRONT SEAT ASSEMBLY

- for Manual Seat:

Click here [INFO](#)

- for Power Seat:

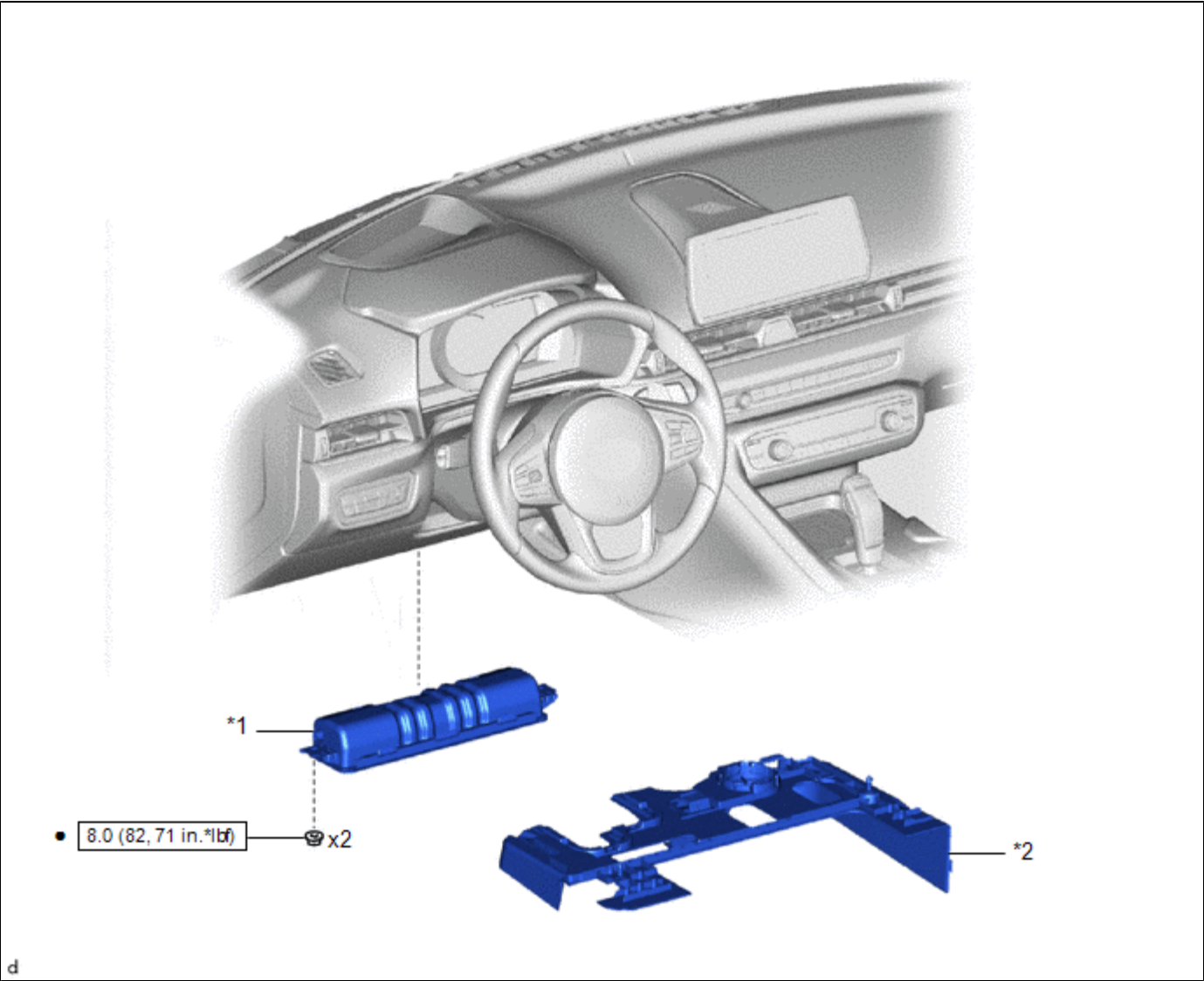
Click here [INFO](#)



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCIV
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: KNEE AIRBAG ASSEMBLY (for Driver Side): COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	LOWER NO. 2 INSTRUMENT PANEL AIRBAG ASSEMBLY	*2	NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCIW
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: KNEE AIRBAG ASSEMBLY (for Driver Side): REMOVAL; 2020 MY Supra [03/2019 -]		

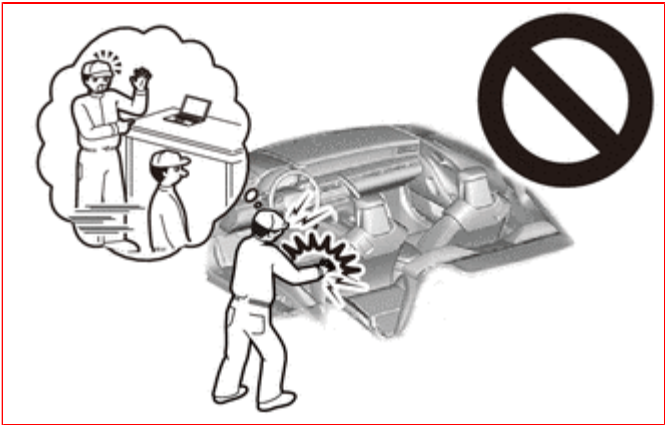
REMOVAL

CAUTION / NOTICE / HINT

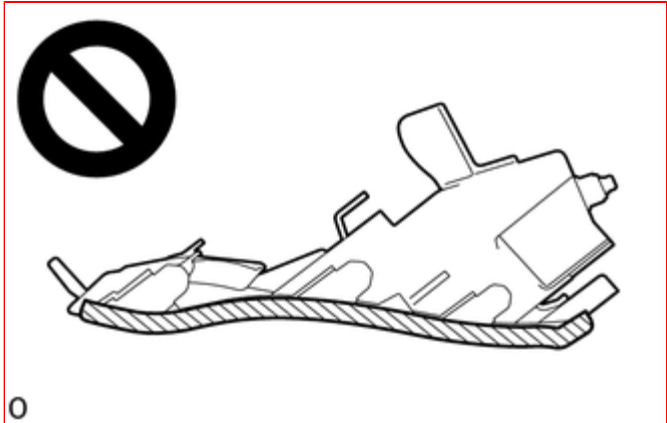
CAUTION:

- 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.



	Cushion (Airbag Itself)
---	-------------------------

- 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](#)

- 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.

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.

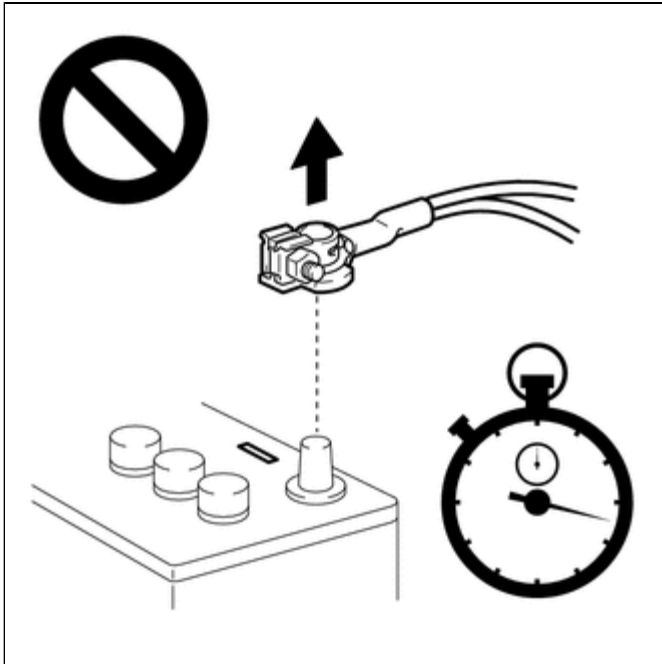
PROCEDURE

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

CAUTION:

- Wait at least 60 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system.
- If the airbag deploys for any reason, it may cause a serious accident.



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

Click here [INFO](#)

3. REMOVE LOWER NO. 2 INSTRUMENT PANEL AIRBAG ASSEMBLY

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!

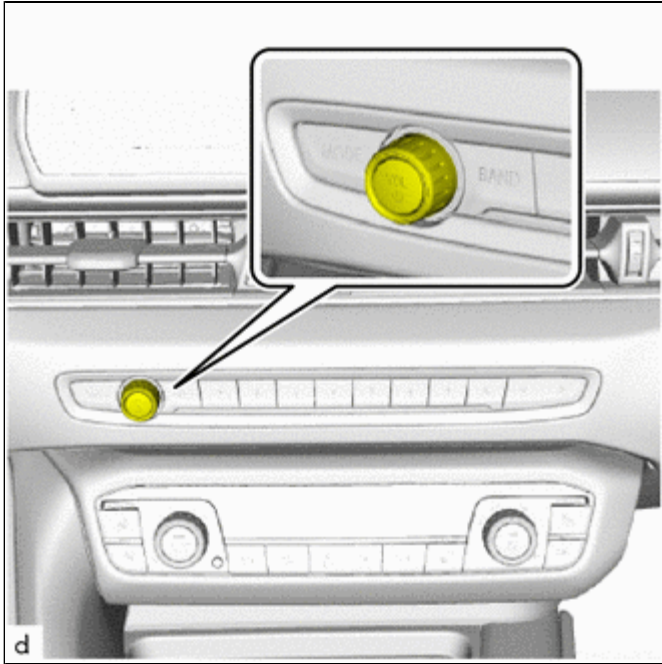
- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- For additional information see:

Click here [INFO](#)

(a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.

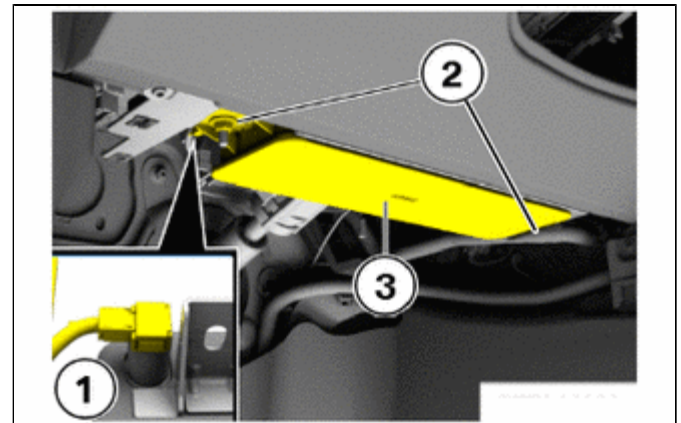


(b) Check that the cable is disconnected from the negative (-) battery terminal.

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.

(c) Unlock the plug connection (1) and disconnect.



(d) Loosen the nuts (2) and remove the lower No. 2 instrument panel airbag assembly (3).

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCIX
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: KNEE AIRBAG ASSEMBLY (for Driver Side): INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

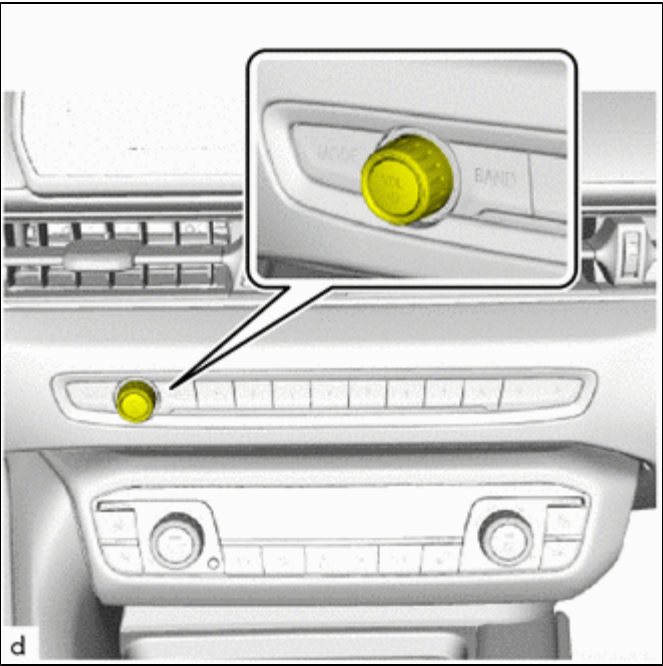
PROCEDURE

1. INSTALL LOWER NO. 2 INSTRUMENT PANEL AIRBAG ASSEMBLY

- (a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.

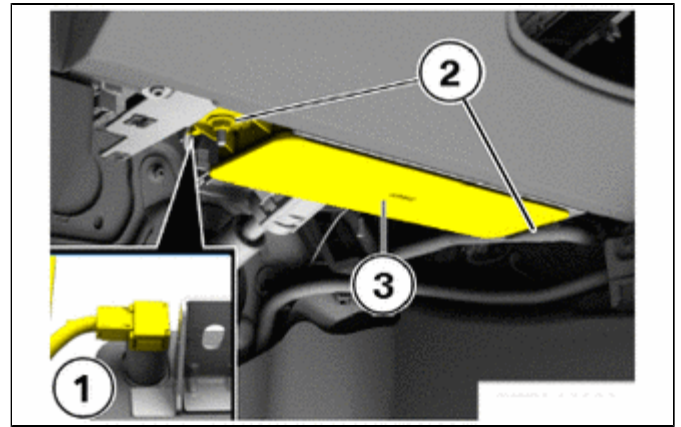


- (b) Check that the cable is disconnected from the negative (-) battery terminal.

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.

- (c) Replace the nuts (2).



(d) Install the lower No. 2 instrument panel airbag assembly (3) and tighten the nuts (2).

Torque:

8.0 N·m { 82 kgf·cm, 71 in·lbf }

(e) Connect the connectors (1) and lock.

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

Click here [INFO](#)

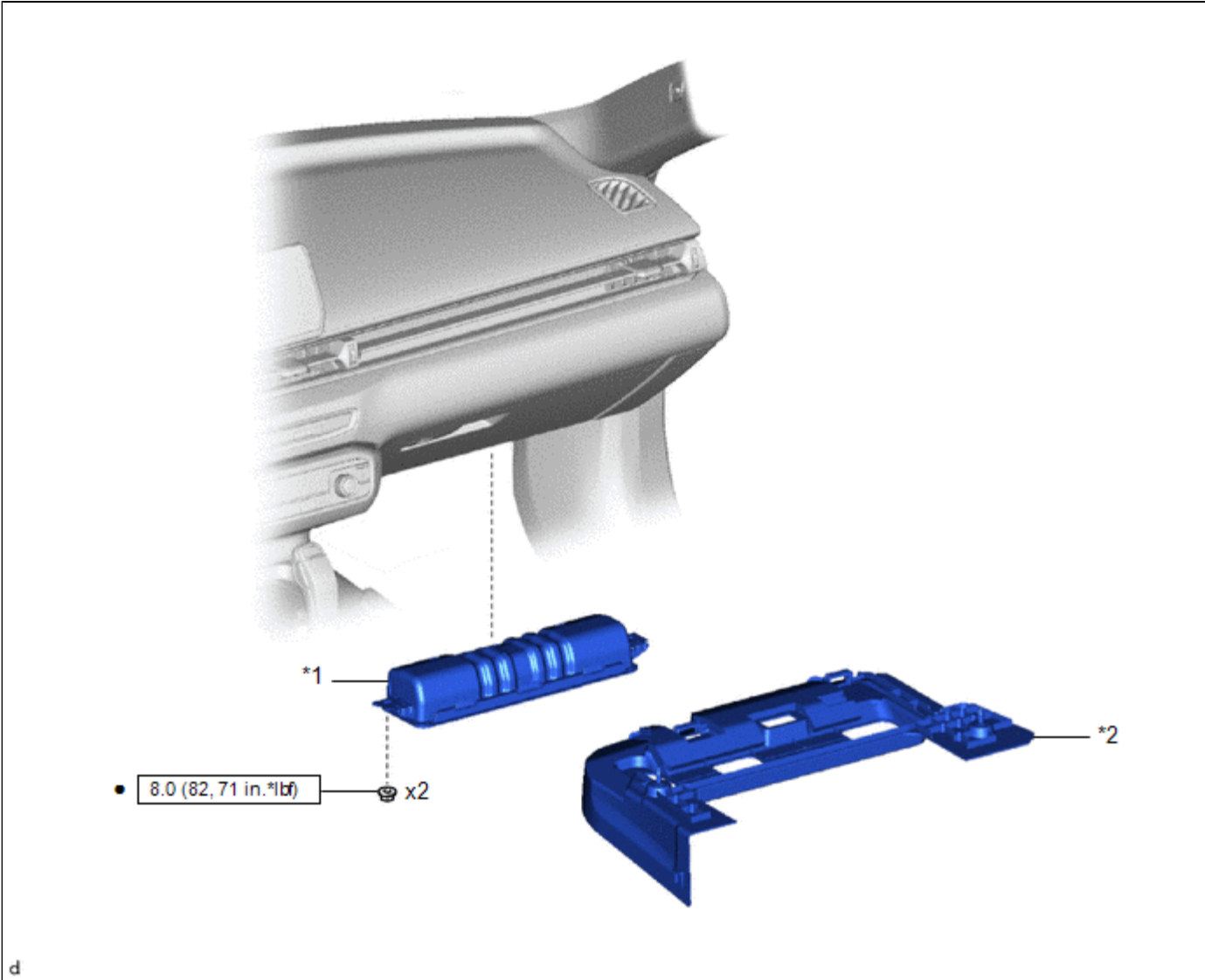
3. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCIY
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: KNEE AIRBAG ASSEMBLY (for Front Passenger Side): COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	LOWER NO. 1 INSTRUMENT PANEL AIRBAG ASSEMBLY	*2	NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCIZ
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: KNEE AIRBAG ASSEMBLY (for Front Passenger Side): REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

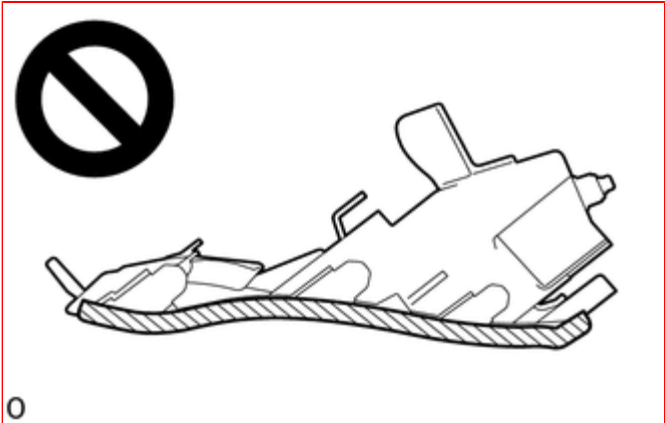
CAUTION:

- 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.



	Cushion (Airbag Itself)
---	-------------------------

- 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](#)

- 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.

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.

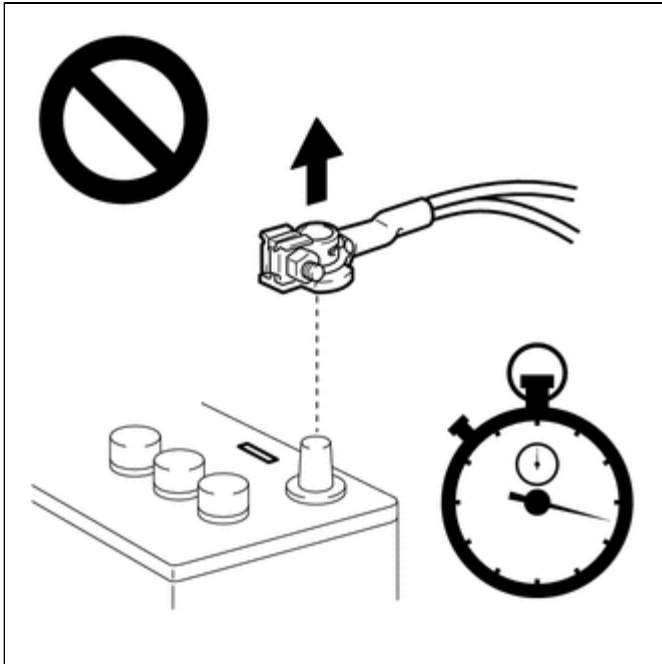
PROCEDURE

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

CAUTION:

- Wait at least 60 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system.
- If the airbag deploys for any reason, it may cause a serious accident.



2. REMOVE NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

Click here [INFO](#)

3. REMOVE LOWER NO. 1 INSTRUMENT PANEL AIRBAG ASSEMBLY

CAUTION:

- Airbag unit.

Danger! Life-threatening injuries!

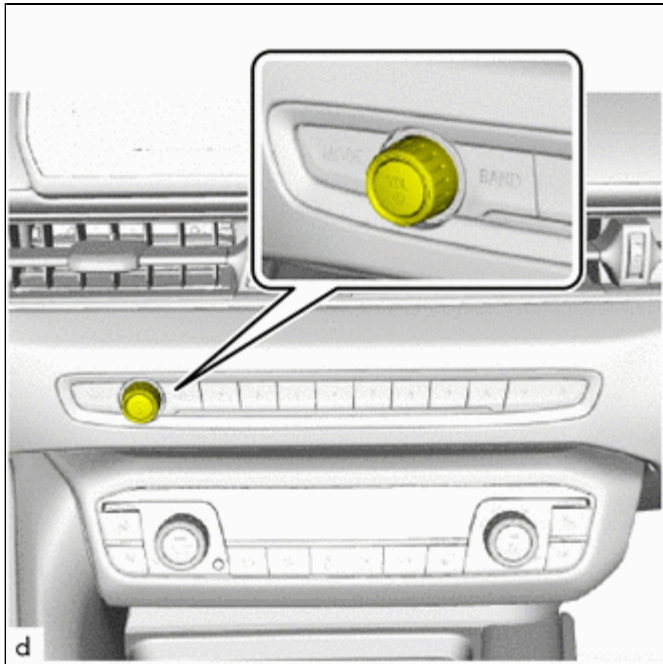
- Before performing any work on the airbag, always disconnect the battery earth lead from the battery.
- Airbag unit may only be set down with the cushion (airbag itself) facing upwards.
- For additional information see:

Click here [INFO](#)

- (a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.

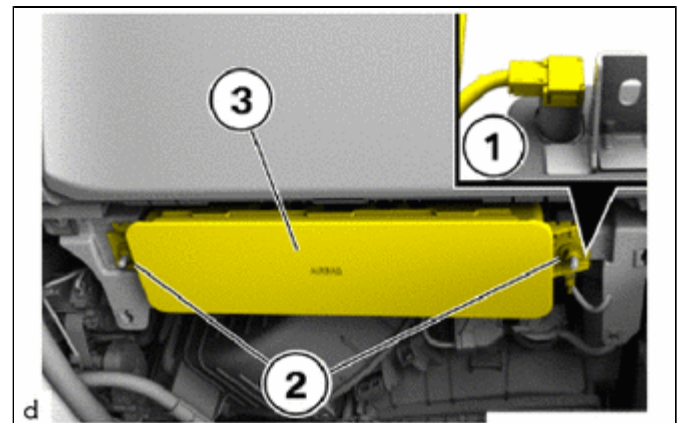


(b) Check that the cable is disconnected from the negative (-) battery terminal.

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.

(c) Unlock the plug connection (1) and disconnect.



(d) Loosen the nuts (2) and remove the lower No. 1 instrument panel airbag assembly (3).

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJ0
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: KNEE AIRBAG ASSEMBLY (for Front Passenger Side): INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

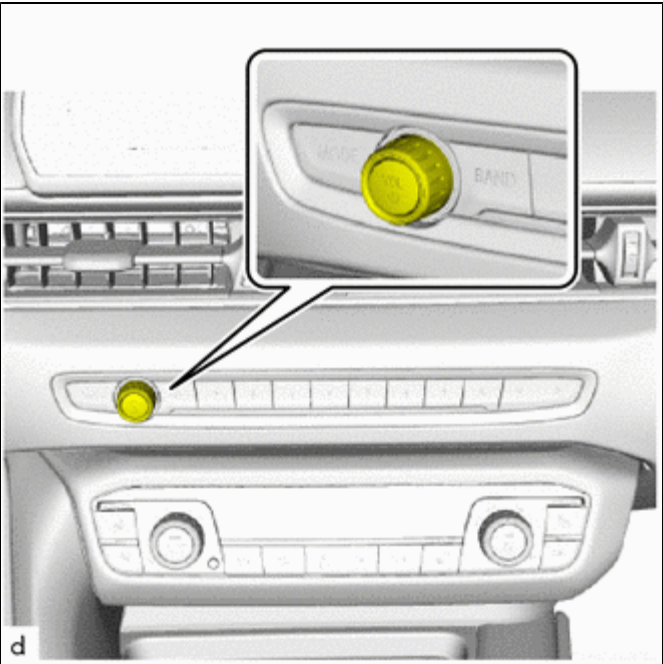
PROCEDURE

1. INSTALL LOWER NO. 1 INSTRUMENT PANEL AIRBAG ASSEMBLY

- (a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.

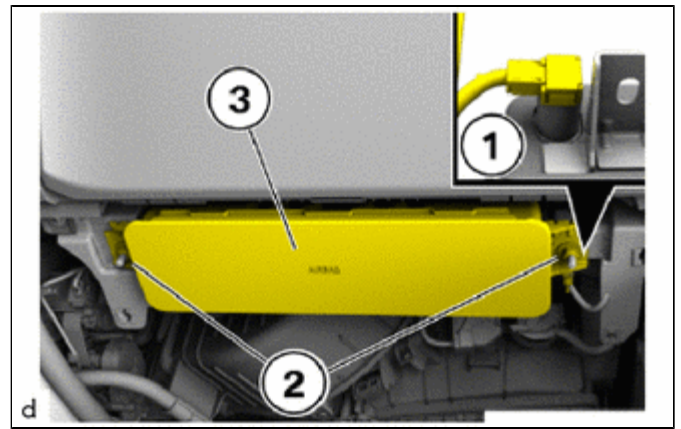


- (b) Check that the cable is disconnected from the negative (-) battery terminal.

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.

- (c) Replace the nuts (2).



(d) Install the lower No. 1 instrument panel airbag assembly (3) and tighten the nuts (2).

Torque:

8.0 N·m { 82 kgf·cm, 71 in·lbf }

(e) Connect the connectors (1) and lock.

2. INSTALL NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY

Click here [INFO](#)

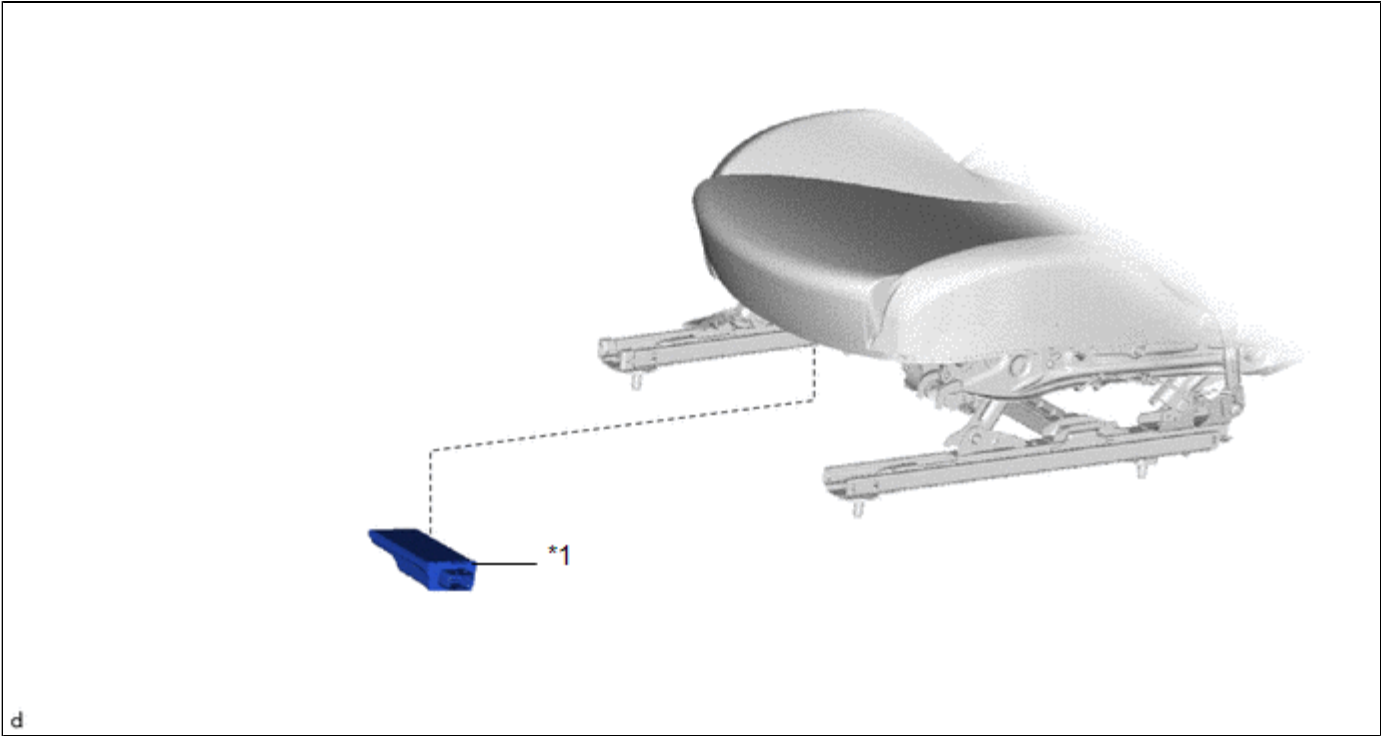
3. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJY
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: OCCUPANT CLASSIFICATION ECU: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	OCCUPANT DETECTION ECU	-	-
----	------------------------	---	---

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJZ
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: OCCUPANT CLASSIFICATION ECU: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Pyrotechnic components.

Danger! Life-threatening injuries!



- All work on pyrotechnic parts may be carried out by technically experienced and appropriately trained personnel only.
- Replace any damaged part or ones that have been dropped.
- For additional information see:

Click here [INFO](#)

- Working on 12 V vehicle electrical system.

Risk of short circuits! Risk of fire!

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

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

- for Manual Seat:

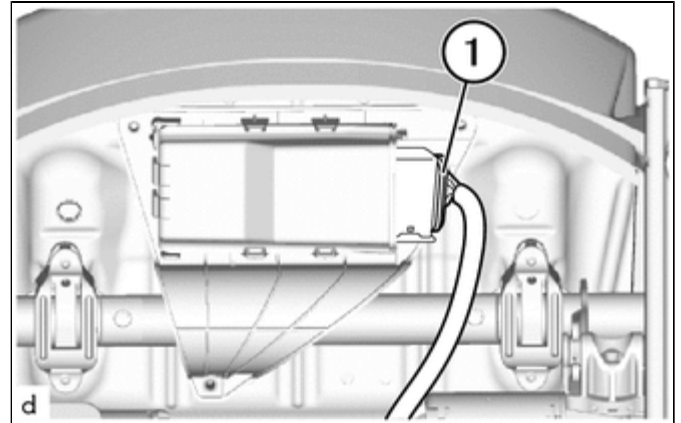
Click here [INFO](#)

- for Power Seat:

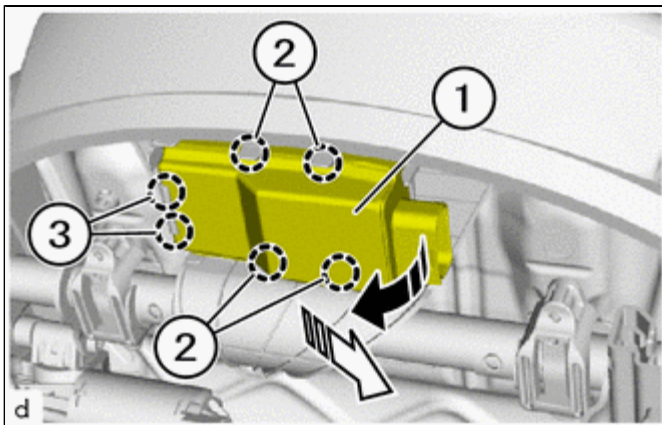
Click here [INFO](#)

2. REMOVE OCCUPANT DETECTION ECU

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



(b) Detach the claws (2) and guides (3) to remove the occupant detection ECU (1) in the direction of the arrow.



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



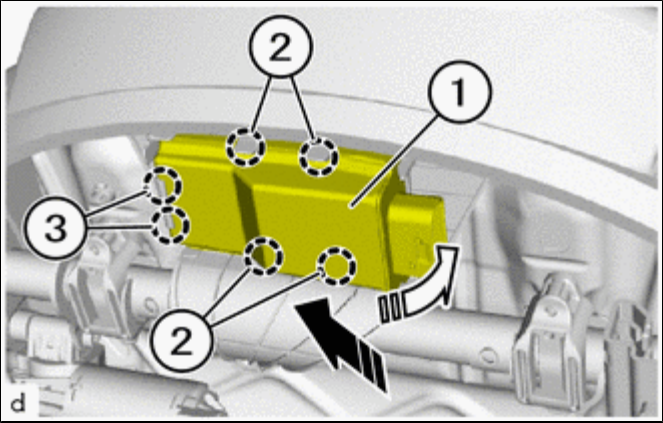
Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCK0
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: OCCUPANT CLASSIFICATION ECU: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

PROCEDURE

1. INSTALL OCCUPANT DETECTION ECU

(a) Attach the guides (3) and claws (2) to install the occupant detection ECU (2) in the direction of the arrow.



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

(b) Connect connectors and lock.

2. INSTALL FRONT SEAT ASSEMBLY

- for Manual Seat:

Click here [INFO](#)

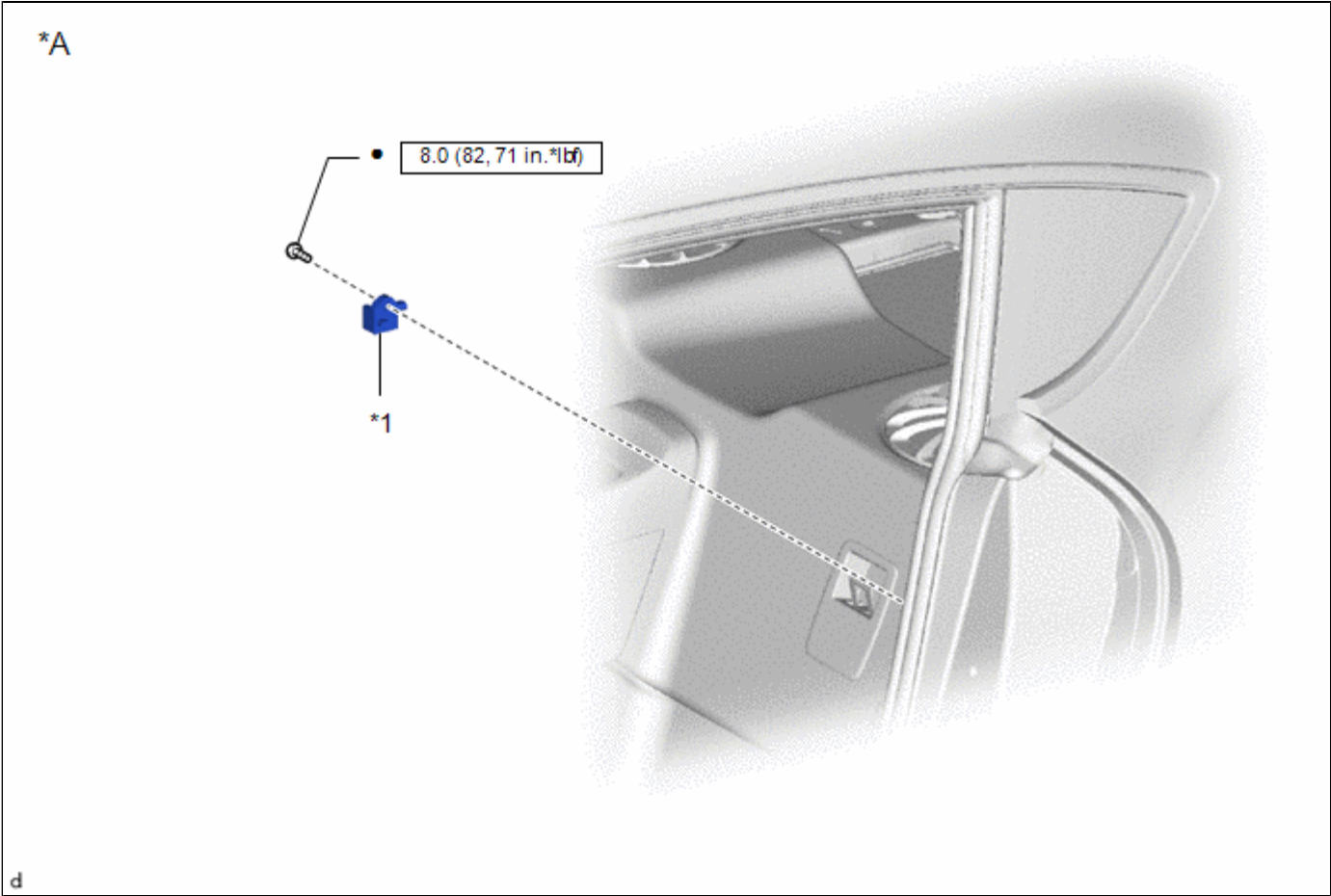
- for Power Seat:

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJM
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: REAR AIRBAG SENSOR: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

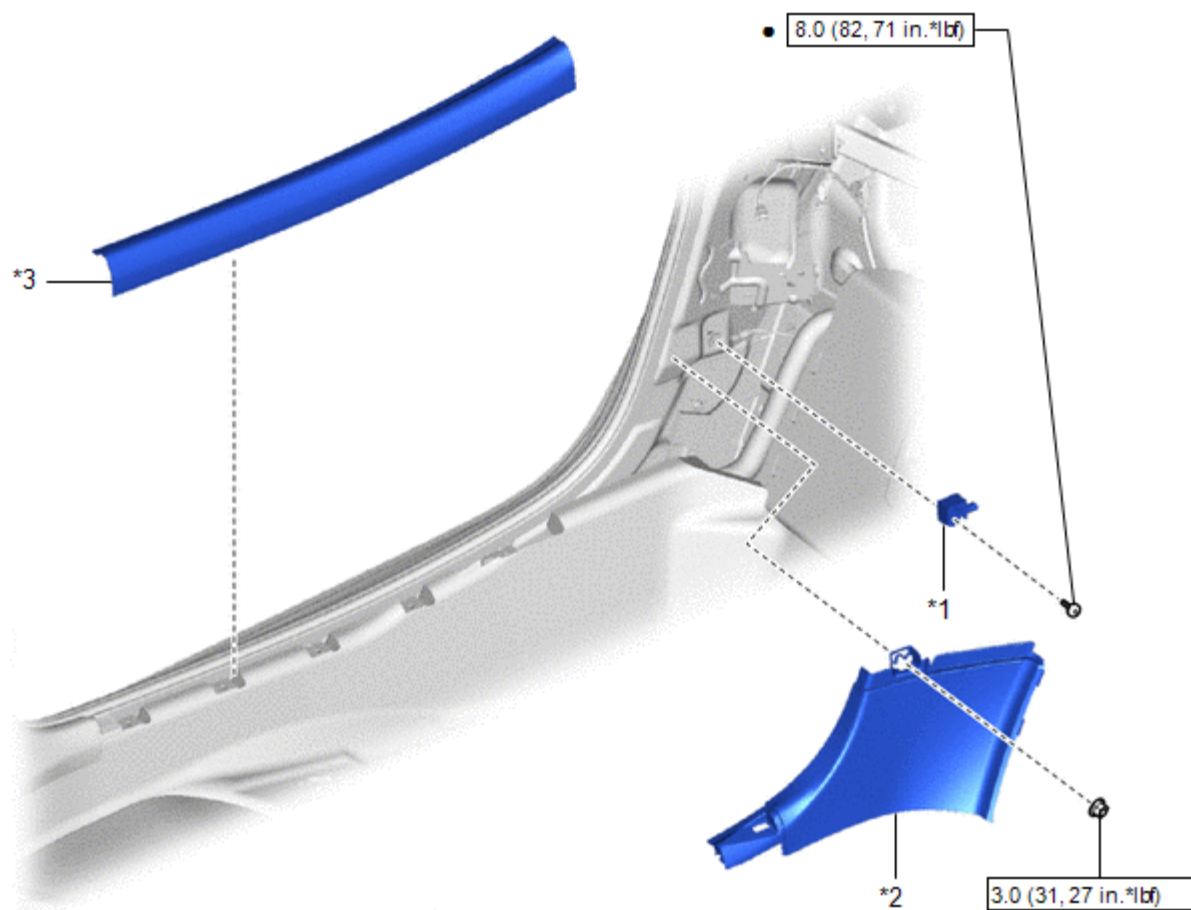
ILLUSTRATION



*A	for LH Side	-	-
*1	AIRBAG SENSOR	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part

ILLUSTRATION

*A



d

*A	for RH Side	-	-
*1	AIRBAG SENSOR	*2	QUARTER TRIM LOWER PANEL RH
*3	FRONT DOOR SCUFF PLATE RH	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part



TOYOTA

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJN
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: REAR AIRBAG SENSOR: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Pyrotechnic components.

Danger! Life-threatening injuries!



- All work on pyrotechnic parts may be carried out by technically experienced and appropriately trained personnel only.
- Replace any damaged part or ones that have been dropped.
- For additional information see:

Click here [INFO](#)

- Working on 12 V vehicle electrical system.

Risk of short circuits! Risk of fire!

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

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.

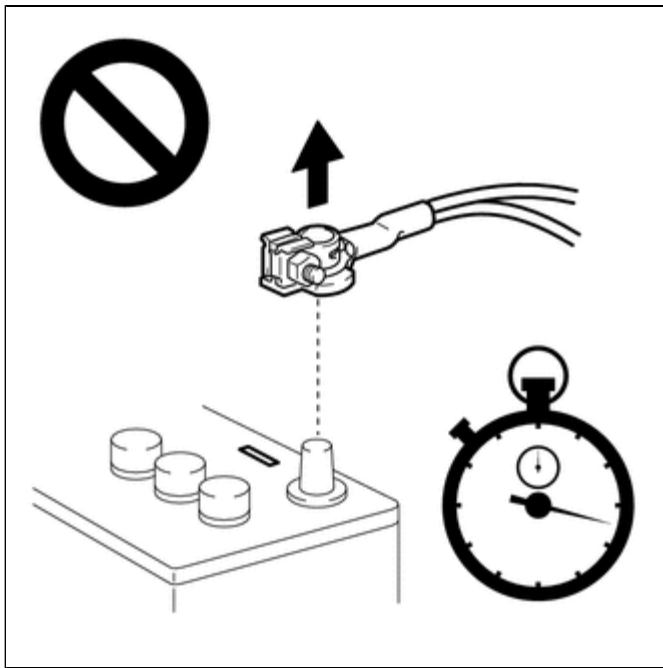
PROCEDURE

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

CAUTION:

- Wait at least 60 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system.
- If the airbag deploys for any reason, it may cause a serious accident.



2. REMOVE QUARTER TRIM UPPER PANEL

Click here [INFO](#)

3. REMOVE FRONT DOOR SCUFF PLATE RH (for RH Side)

HINT:

Use the same procedure as for the LH side.

Click here [INFO](#)

4. REMOVE QUARTER TRIM LOWER PANEL RH (for RH Side)

HINT:

Use the same procedure as for the LH side.

Click here [INFO](#)

5. REMOVE AIRBAG SENSOR (for LH Side)

CAUTION:

- Pyrotechnic components.

Danger! Life-threatening injuries!

- All work on pyrotechnic parts may be carried out by technically experienced and appropriately trained personnel only.
- Replace any damaged part or ones that have been dropped.
- For additional information see:

Click here [INFO](#)

- Working on 12 V vehicle electrical system.

Risk of short circuits! Risk of fire!

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

NOTICE:

- Electrostatic discharge.

Damage to or destruction of electrical components.

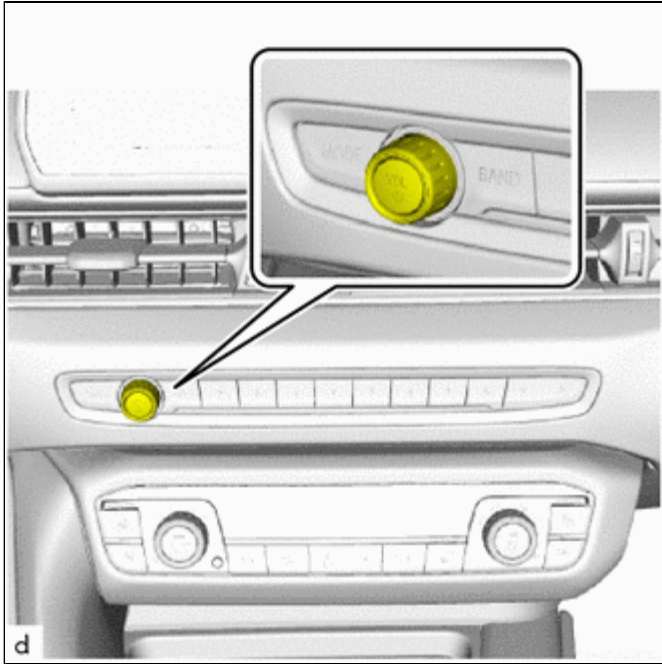
- Only touch the housings of electrical components. Do not touch pins or multi-pin connectors directly.
- For additional information see:

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

(a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.

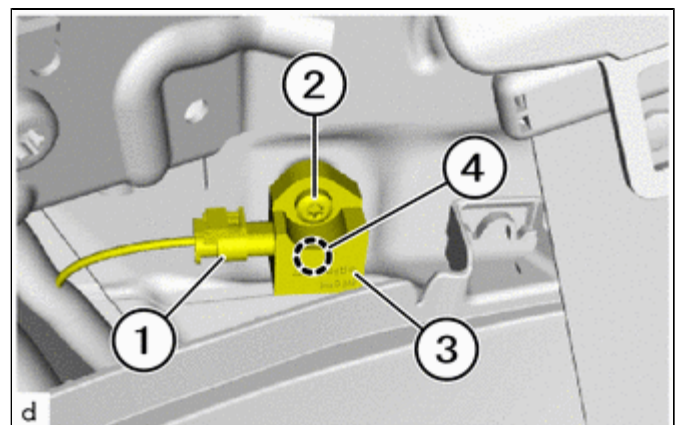


(b) Check that the cable is disconnected from the negative (-) battery terminal.

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.

(c) Unlock the plug connection (1) and disconnect.



(d) Loosen the T30 bolt (2) and detach the guide (4) to remove the airbag sensor (3).

6. REMOVE AIRBAG SENSOR (for RH Side)

HINT:

Use the same procedure as for the LH side.



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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: REAR AIRBAG SENSOR: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

PROCEDURE

1. INSTALL AIRBAG SENSOR (for LH Side)

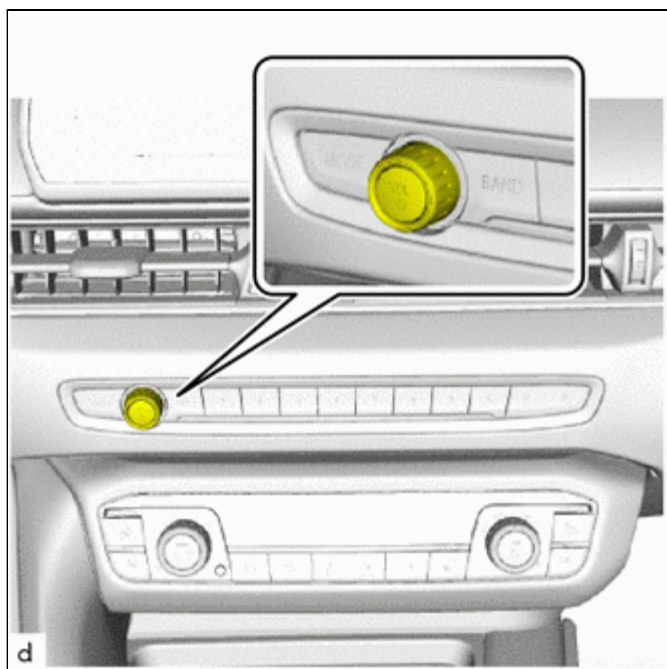
CAUTION:

- Malfunction with incorrectly secured components.
- Danger of injury!
 - Ask a second person to check the torque or latch mechanism (four-eyes principle).
 - Both persons must document that the work has been carried out correctly in the vehicle records.

(a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.

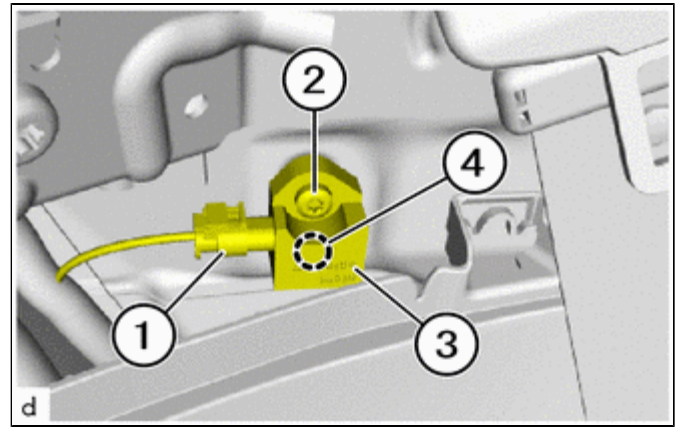


(b) Check that the cable is disconnected from the negative (-) battery terminal.

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.

(c) Attach the guide (4) to install the airbag sensor (3).



(d) Replace the T30 bolt (2).

(e) Tighten the T30 bolt (2).

Torque:

8.0 N·m { 82 kgf·cm, 71 in·lbf }

(f) Connect connectors (1) and lock.

2. INSTALL AIRBAG SENSOR (for RH Side)

HINT:

Use the same procedure as for the LH side.

3. INSTALL QUARTER TRIM LOWER PANEL RH (for RH Side)

HINT:

Use the same procedure as for the LH side.

Click here [INFO](#)

4. INSTALL FRONT DOOR SCUFF PLATE RH (for RH Side)

HINT:

Use the same procedure as for the LH side.

Click here [INFO](#)

5. INSTALL QUARTER TRIM UPPER PANEL

Click here [INFO](#)

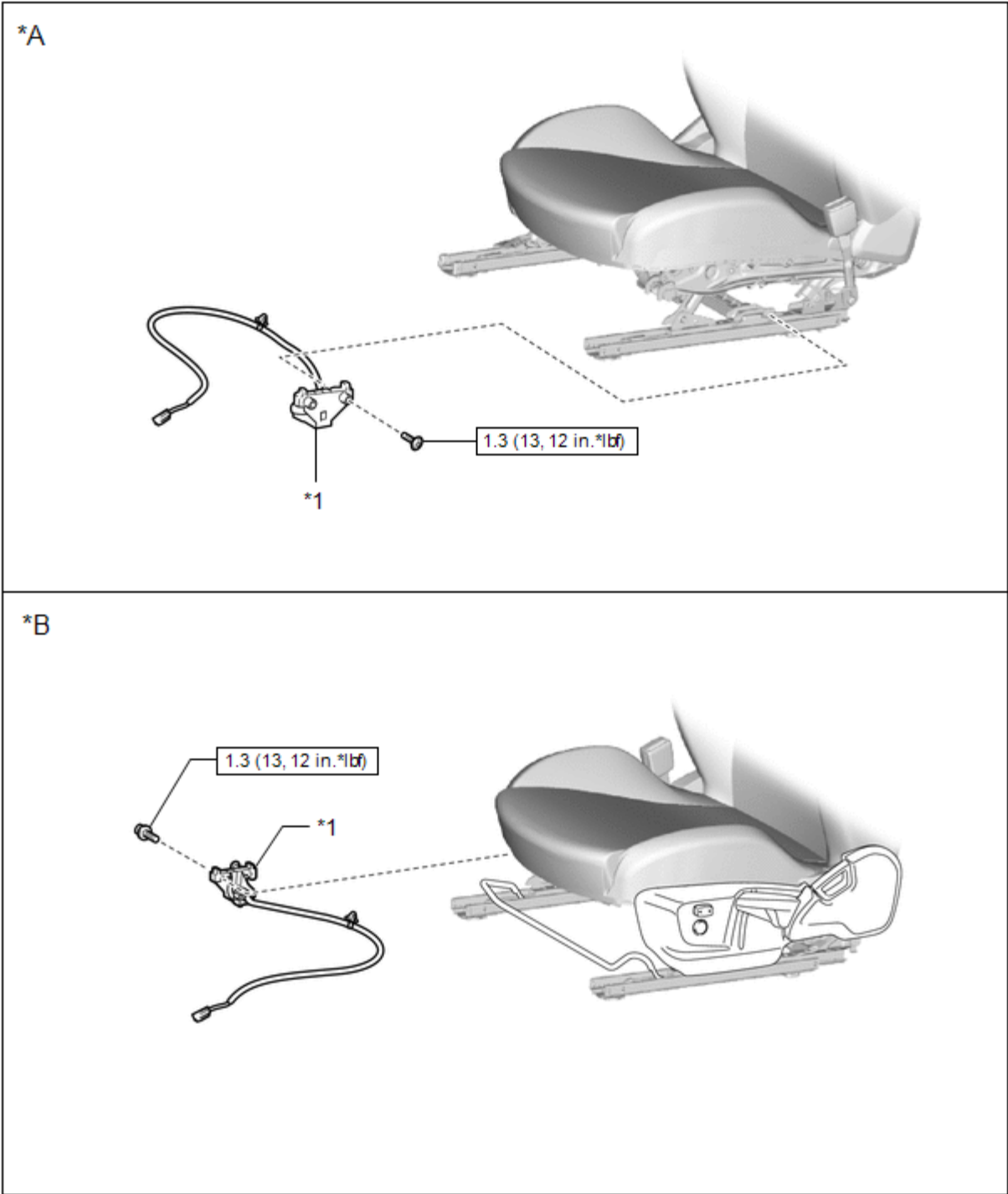
6. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJV
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: SEAT POSITION SENSOR: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*A	for Power Seat	*B	for Manual Seat
----	----------------	----	-----------------

*1	SEAT POSITION AIRBAG SENSOR	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: SEAT POSITION SENSOR: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:

- Pyrotechnic components.

Danger! Life-threatening injuries!



- All work on pyrotechnic parts may be carried out by technically experienced and appropriately trained personnel only.
- Replace any damaged part or ones that have been dropped.
- For additional information see:

Click here [INFO](#)

- Working on 12 V vehicle electrical system.

Risk of short circuits! Risk of fire!

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

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

PROCEDURE

1. REMOVE FRONT SEAT ASSEMBLY

- for Manual Seat:

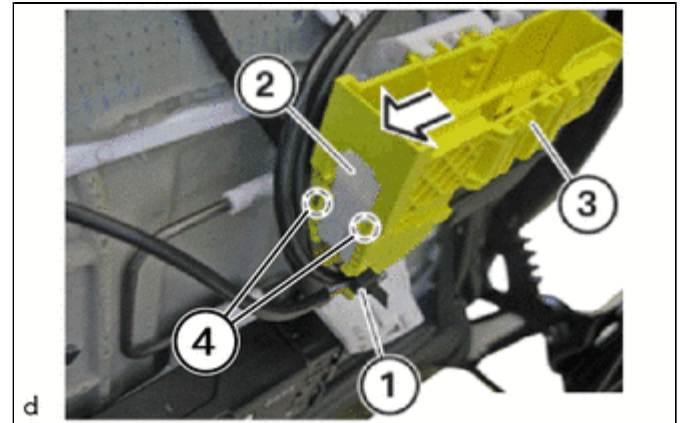
Click here [INFO](#)

- for Power Seat:

Click here [INFO](#)

2. REMOVE SEAT POSITION AIRBAG SENSOR (for Manual Seat)

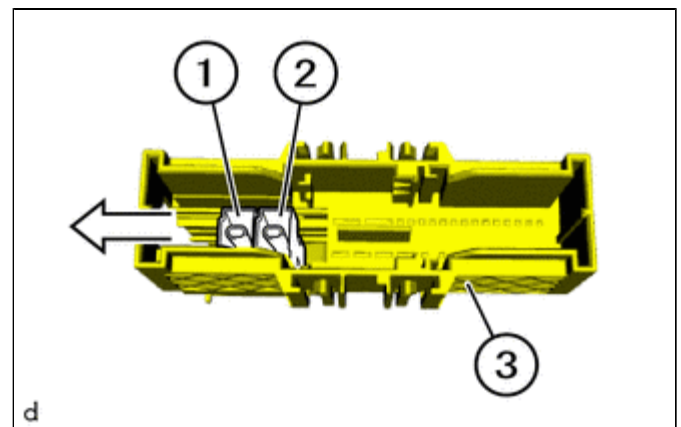
(a) Loosen the tie band (1).



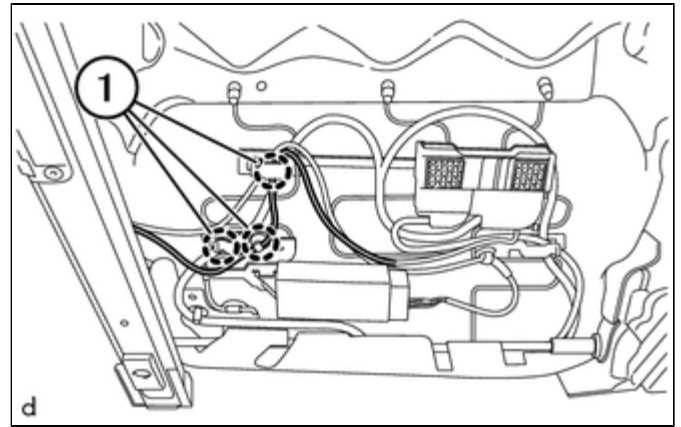
(b) Detach the claws (4) carefully.

(c) Remove the connector (2) in the direction of the arrow from the connector housing (3).

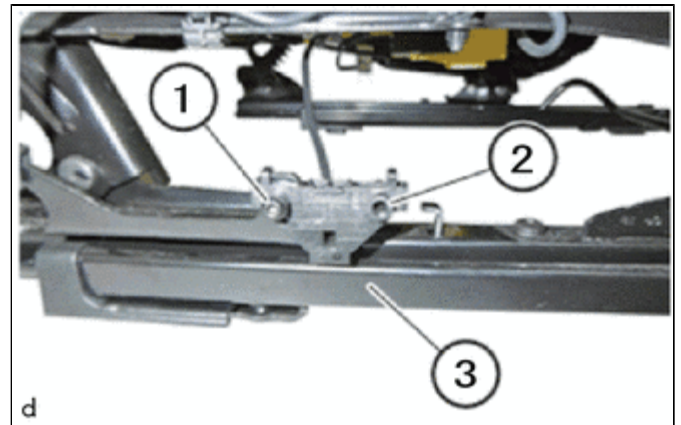
(d) Remove the connectors in order from (1) to (2) and pull them out of the connector housing (3) one after another in the direction of the arrow.



(e) Detach the clamps (1).



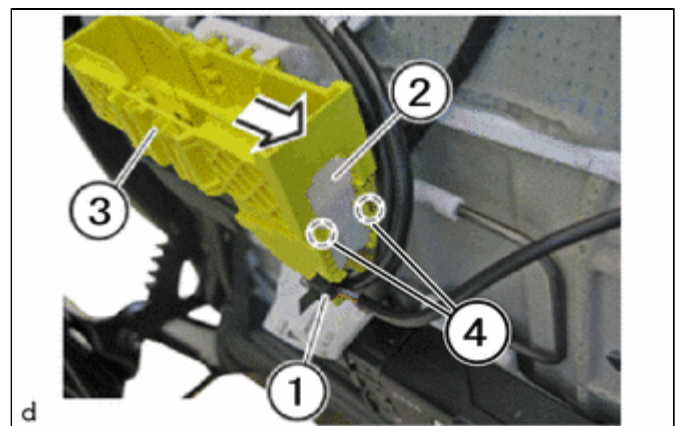
(f) Loosen bolt (1).



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

3. REMOVE SEAT POSITION AIRBAG SENSOR (for Power Seat)

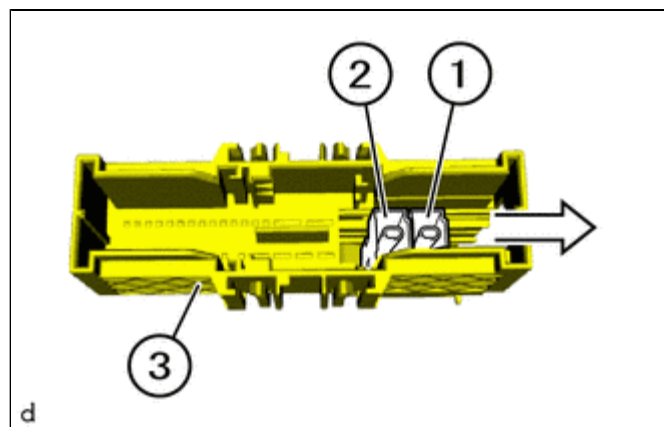
(a) Loosen the tie band (1).



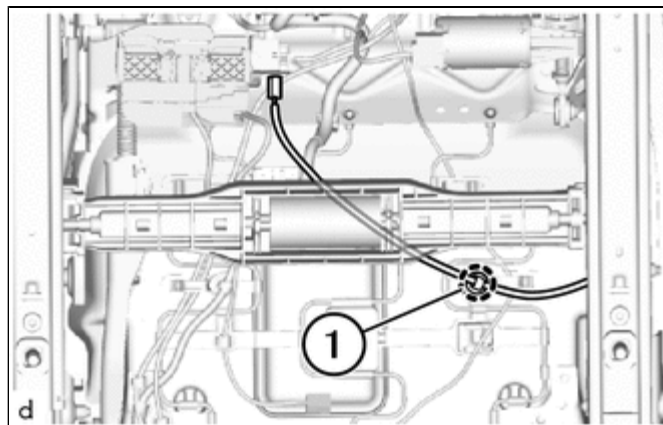
(b) Detach the claws (4) carefully.

(c) Remove the connector (2) in the direction of the arrow from the connector housing (3).

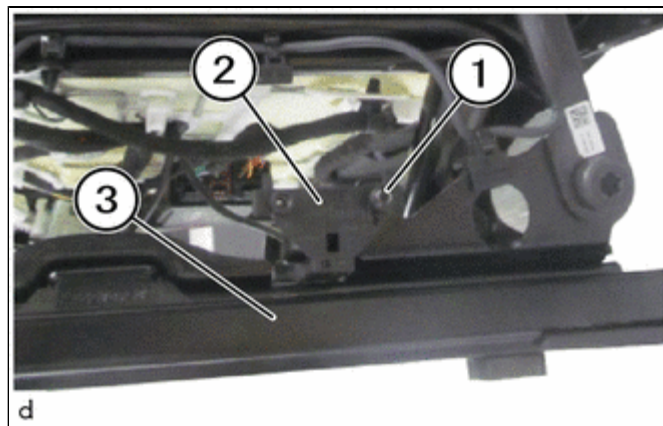
(d) Remove the connectors in order from (1) to (2) and pull them out of the connector housing (3) one after another in the direction of the arrow.



(e) Detach the clamp (1).



(f) Loosen bolt (1).



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

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Title: SUPPLEMENTAL RESTRAINT SYSTEMS: SEAT POSITION SENSOR: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

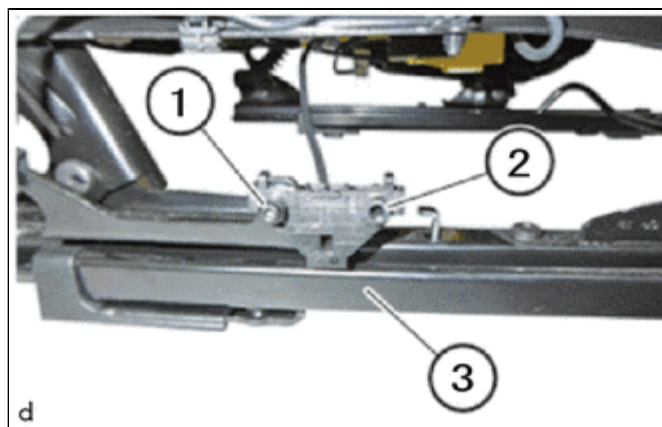
HINT:

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

PROCEDURE

1. INSTALL SEAT POSITION AIRBAG SENSOR (for Manual Seat)

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

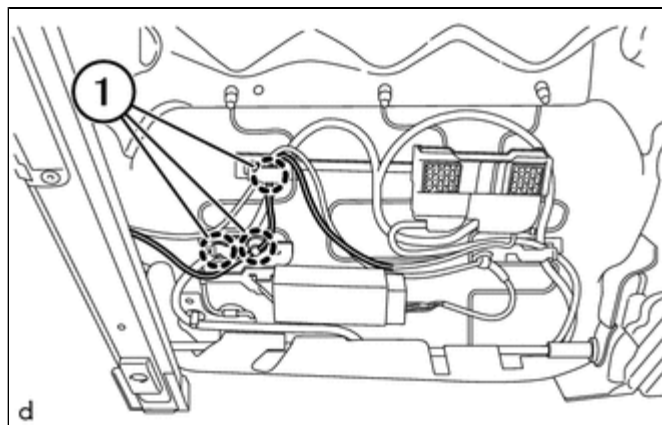


- (b) Tighten the bolt (1).

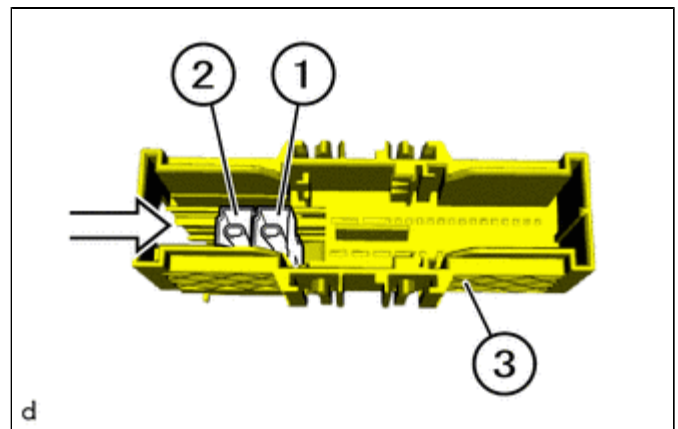
Torque:

1.3 N·m {13 kgf·cm, 12 in·lbf}

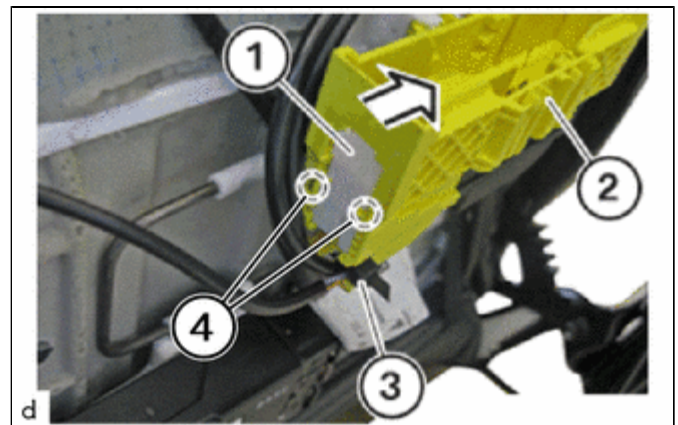
- (c) Attach the clamps (1).



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



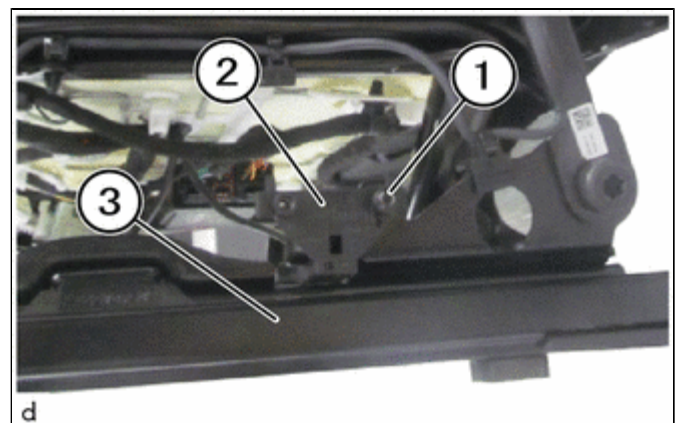
- (e) Attach the claws (4) to install the connector (1) to the connector housing (2).



- (f) Fasten cable (3) with the tie band to connector housing (2).

2. INSTALL SEAT POSITION AIRBAG SENSOR (for Power Seat)

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



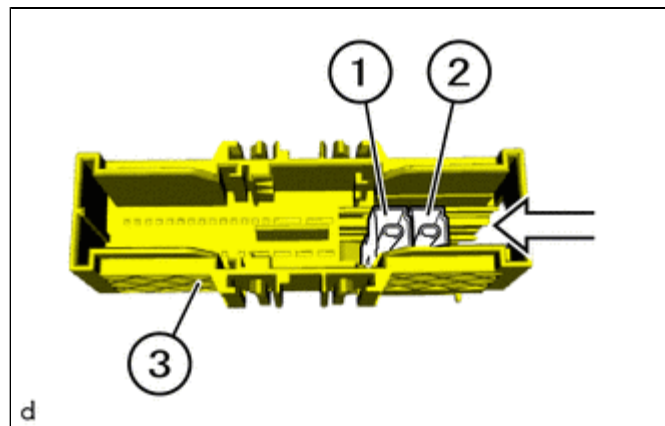
- (b) Tighten the bolt (1).

Torque:

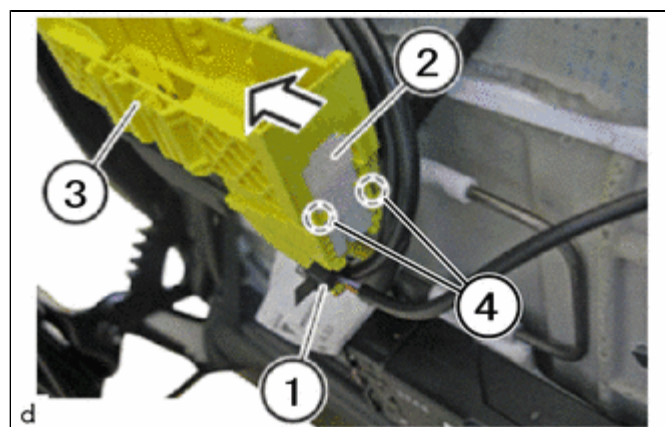
1.3 N·m {13 kgf·cm, 12 in·lbf}

- (c) Attach the clamp.

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



- (e) Attach the claws (4) to install the connector (1) to the connector housing (2).



- (f) Fasten cable (3) with the tie band to connector housing (2).

3. INSTALL FRONT SEAT ASSEMBLY

- for Manual Seat:

Click here [INFO](#)

- for Power Seat:

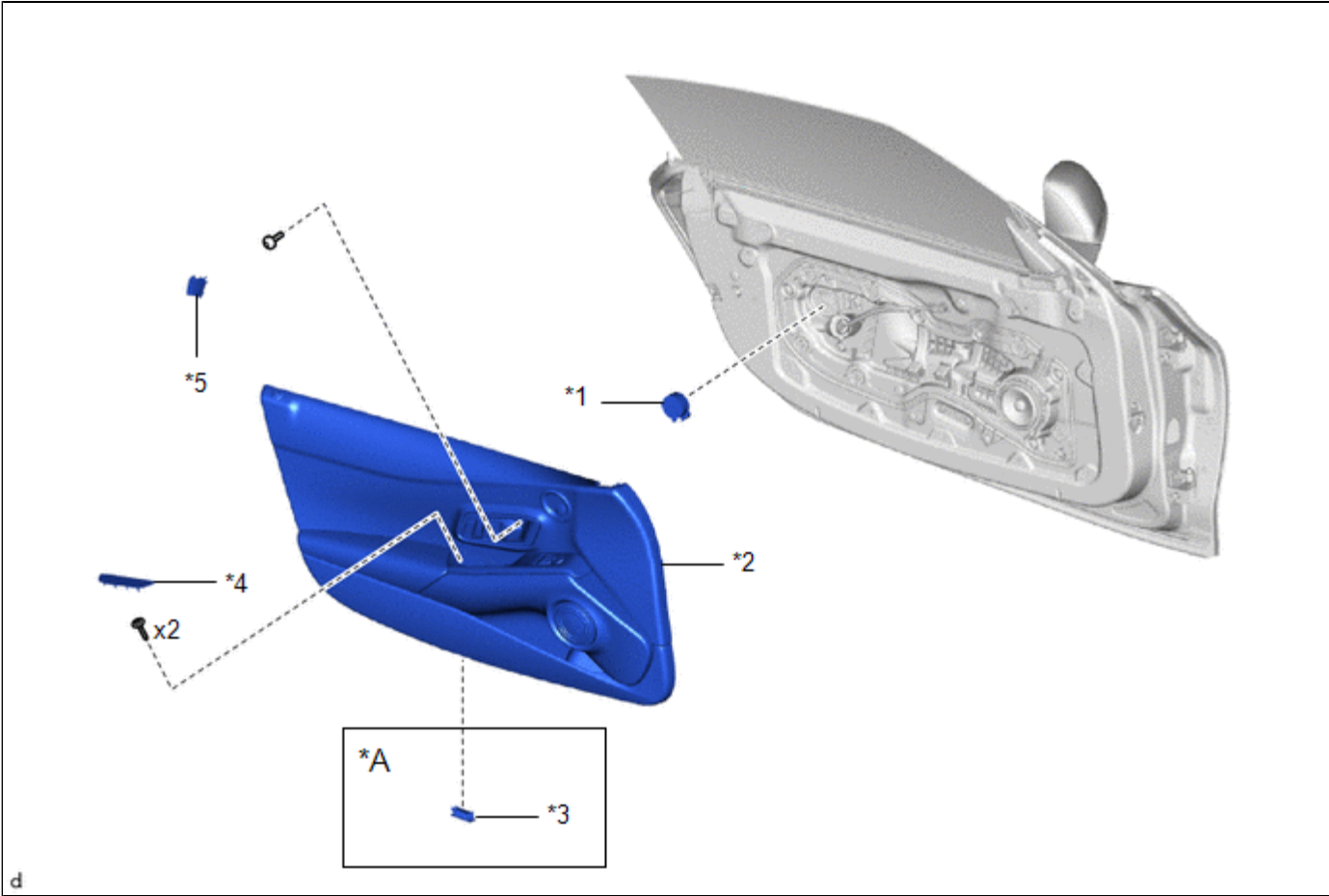
Click here [INFO](#)



Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJJ
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: SIDE AIRBAG SENSOR: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



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

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJK
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: SIDE AIRBAG SENSOR: REMOVAL; 2020 MY Supra [03/2019 -]		

REMOVAL

CAUTION / NOTICE / HINT

CAUTION:



- Pyrotechnic components.

Danger! Life-threatening injuries!

- All work on pyrotechnic parts may be carried out by technically experienced and appropriately trained personnel only.
- Replace any damaged part or ones that have been dropped.
- For additional information see:

Click here [INFO](#)

- Working on 12 V vehicle electrical system.

Risk of short circuits! Risk of fire!

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

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

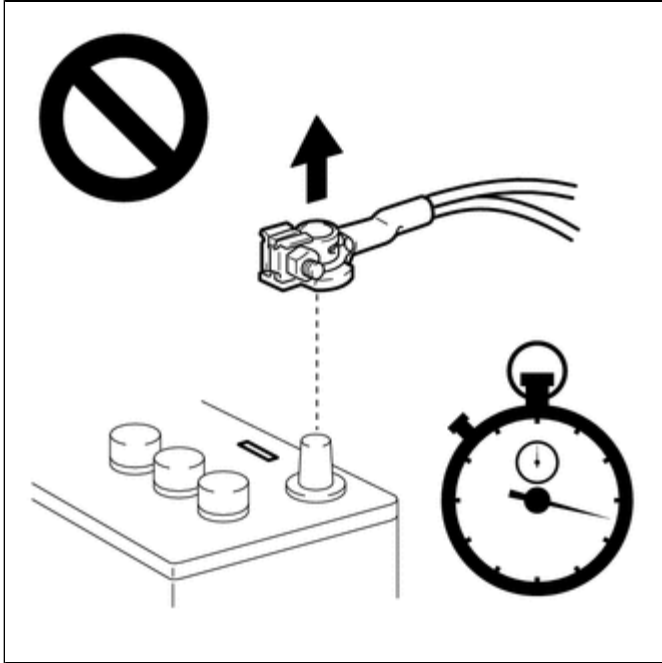
PROCEDURE

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

CAUTION:

- Wait at least 60 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system.
- If the airbag deploys for any reason, it may cause a serious accident.



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

Click here [INFO](#)

3. REMOVE FRONT DOOR TRIM BOARD SUB-ASSEMBLY

Click here [INFO](#)

4. REMOVE SIDE AIRBAG PRESSURE SENSOR

NOTICE:

- Electrostatic discharge.

Damage to or destruction of electrical components.

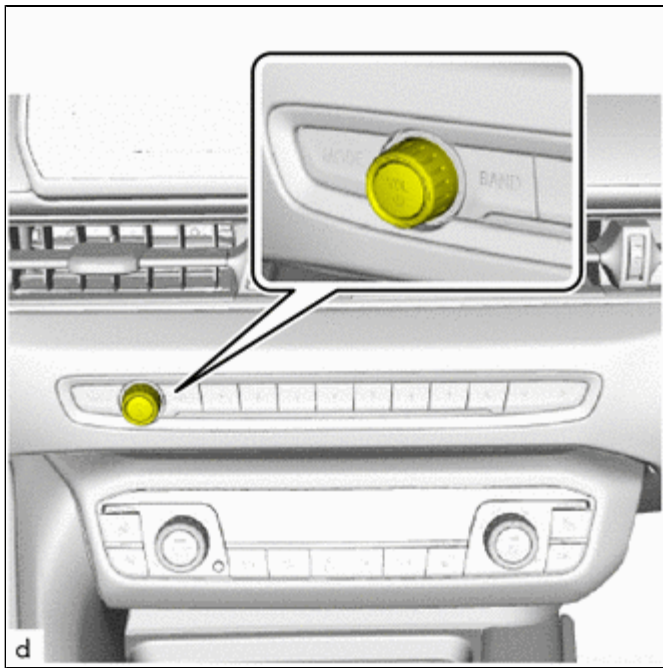
- Only touch the housings of electrical components. Do not touch pins or multi-pin connectors directly.
- For additional information see:

Click here [INFO](#)

(a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.

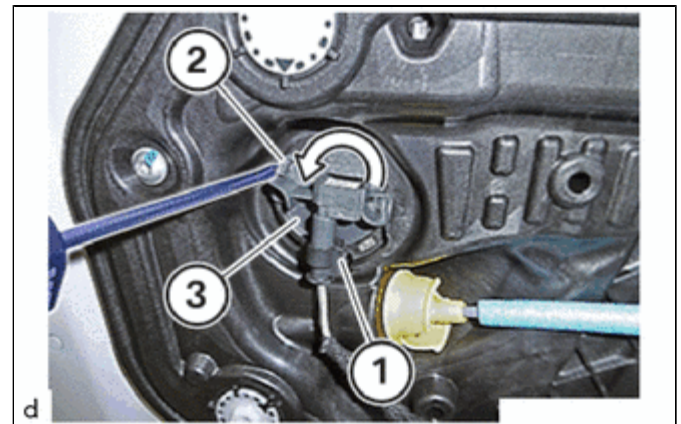


(b) Check that the cable is disconnected from the negative (-) battery terminal.

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.

(c) Unlock the plug connection (1) and disconnect.



(d) Using a screwdriver, detach the claw (2).

(e) Turn the side airbag pressure sensor (3) in the direction of the arrow and remove.

Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCJL
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: SIDE AIRBAG SENSOR: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

CAUTION / NOTICE / HINT

HINT:

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

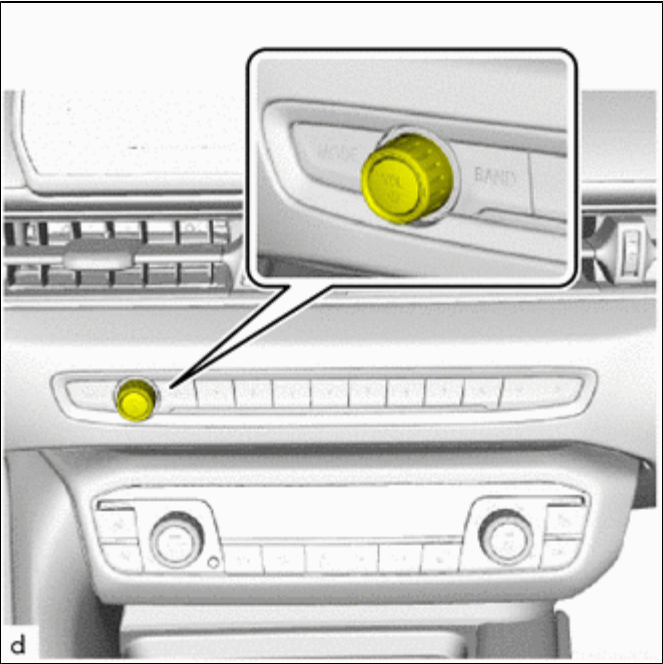
PROCEDURE

1. INSTALL SIDE AIRBAG PRESSURE SENSOR

(a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.



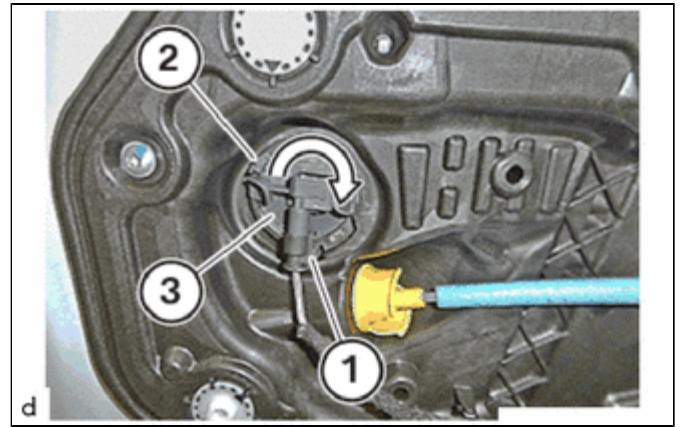
(b) Check that the cable is disconnected from the negative (-) battery terminal.

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.

(c) Turn the side airbag pressure sensor (3) in the direction of

the arrow until the claw (2) attach.



(d) Connect connectors (1) and lock.

2. INSTALL FRONT DOOR TRIM BOARD SUB-ASSEMBLY

Click here [INFO](#)

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

Click here [INFO](#)

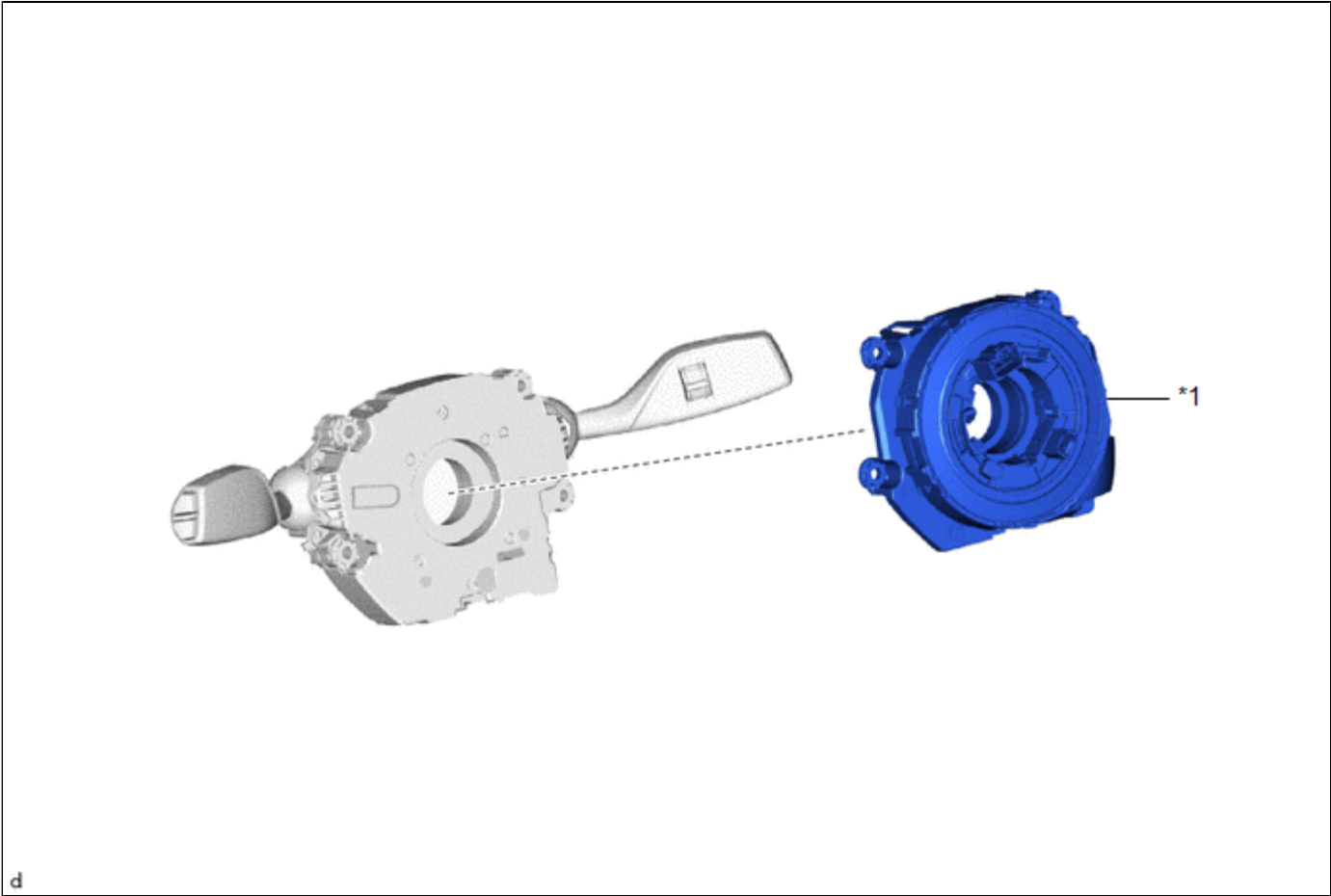
4. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: SPIRAL CABLE: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	SPIRAL CABLE SUB-ASSEMBLY	-	-
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Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCIS
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: SPIRAL CABLE: 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.



	Cushion (Airbag Itself)
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- 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](#)

- 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.

- Working on 12 V vehicle electrical system.

Risk of short circuits! Risk of fire!

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

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.

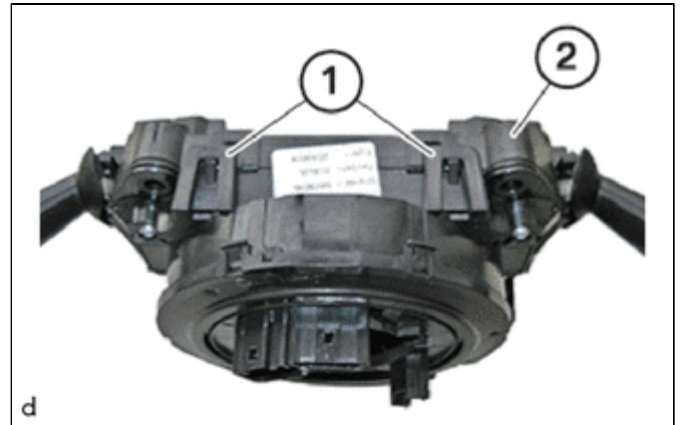
PROCEDURE

1. REMOVE TURN SIGNAL SWITCH ASSEMBLY

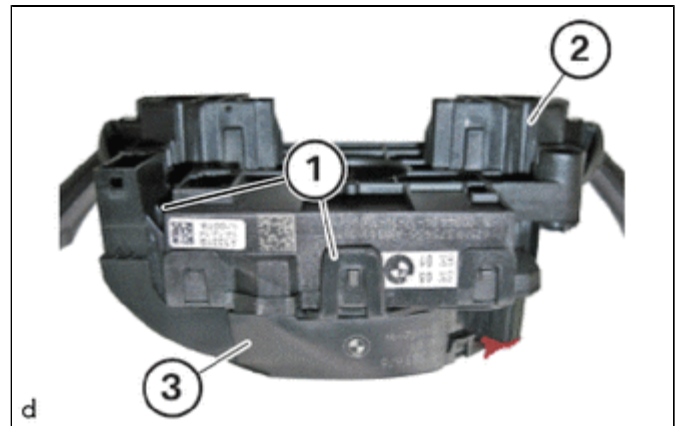
Click here [INFO](#)

2. REMOVE SPIRAL CABLE SUB-ASSEMBLY

- (a) Detach both claws (1) on the turn signal switch assembly (2).



- (b) Detach the central and left claws (1) on the turn signal switch assembly (2).



- (c) Remove the spiral cable sub-assembly (3) from the turn signal switch assembly (2).

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Title: SUPPLEMENTAL RESTRAINT SYSTEMS: SPIRAL CABLE: INSPECTION; 2020 MY Supra [03/2019 -]		

INSPECTION

PROCEDURE

1. INSPECT SPIRAL CABLE SUB-ASSEMBLY

(a) Visually check the spiral cable sub-assembly for defects.

(1) The defects are as follows:

- Scratches
- Small cracks
- Dents
- Chips
- Cracks or other damage to the connector

OK:

No defects are found.



TOYOTA

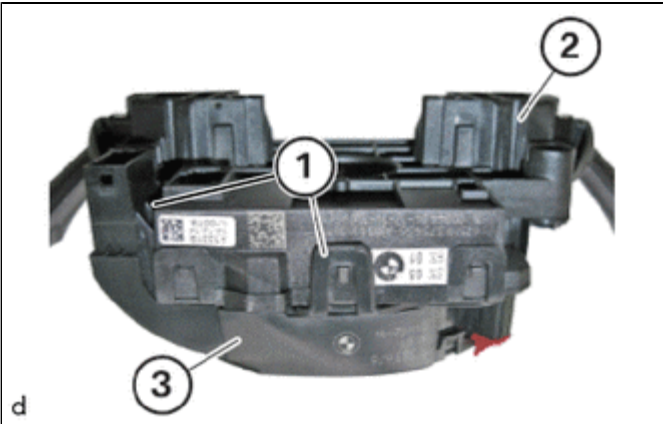
Last Modified: 09-05-2019	6.9:8.0.49	Doc ID: RM100000001JCIT
Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: SPIRAL CABLE: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

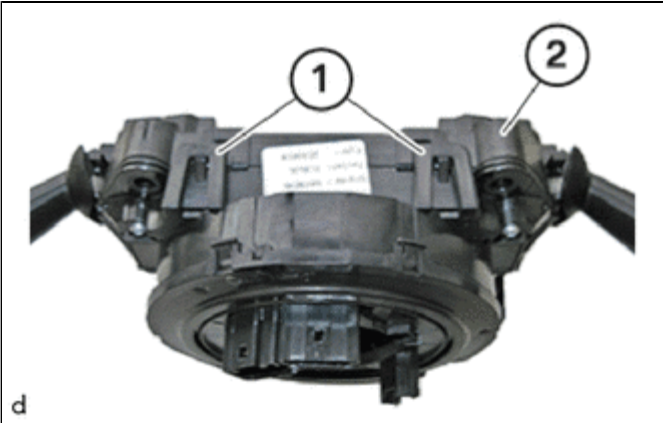
PROCEDURE

1. INSTALL SPIRAL CABLE SUB-ASSEMBLY

- (a) Attach the central and left claws (1) to install the spiral cable sub-assembly (3) to the turn signal switch assembly (2).



- (b) Attach both claws (1) to install the spiral cable sub-assembly to the turn signal switch assembly (2).



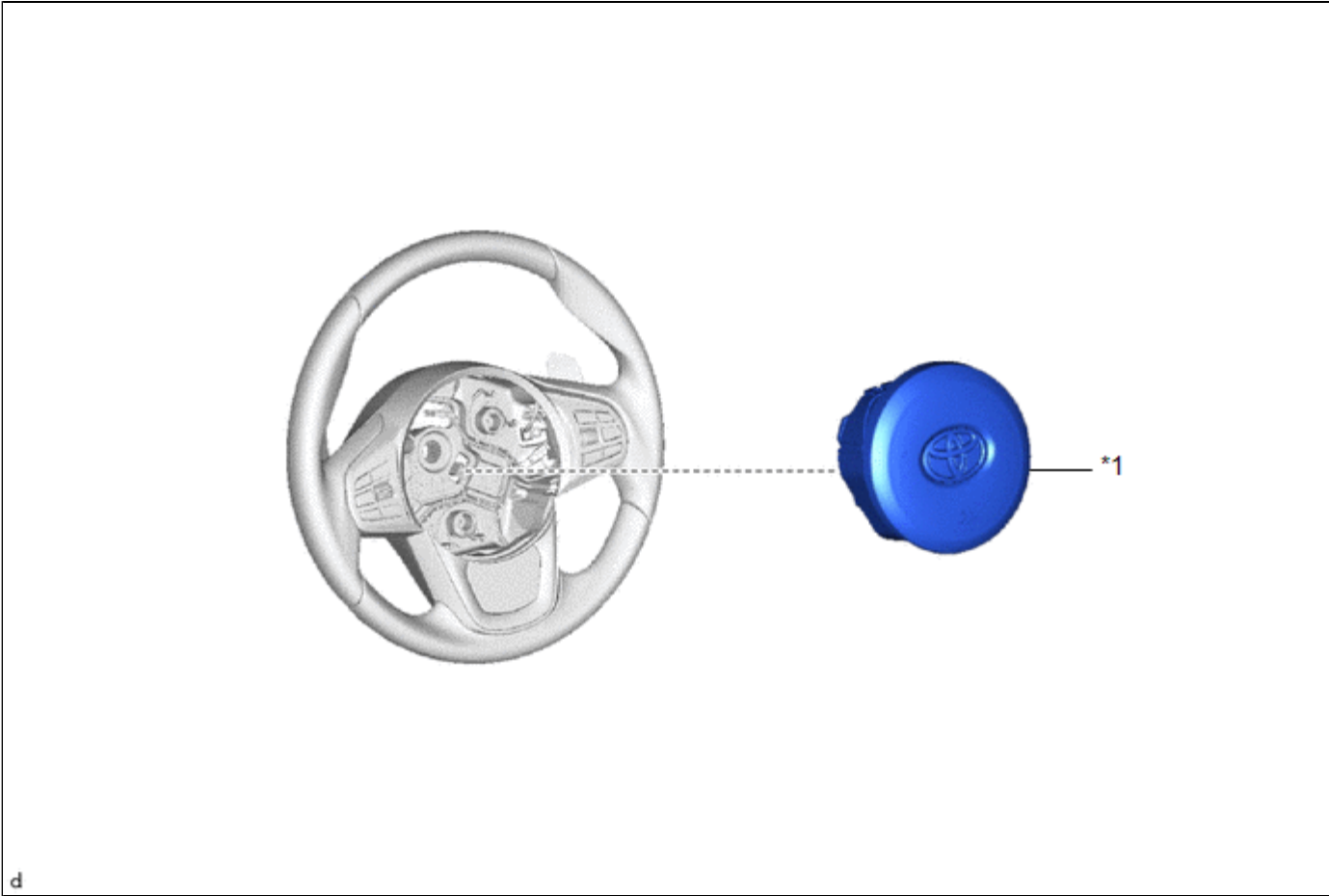
2. INSTALL TURN SIGNAL SWITCH ASSEMBLY

Click here [INFO](#)

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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: STEERING PAD: COMPONENTS; 2020 MY Supra [03/2019 -]		

COMPONENTS

ILLUSTRATION



*1	HORN BUTTON ASSEMBLY	-	-
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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: SUPPLEMENTAL RESTRAINT SYSTEMS: STEERING PAD: 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.



	Cushion (Airbag Itself)
---	-------------------------

- 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](#)

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:

Steering wheel must be replaced if airbag unit has been deployed.

For more information see:

Click here [INFO](#)

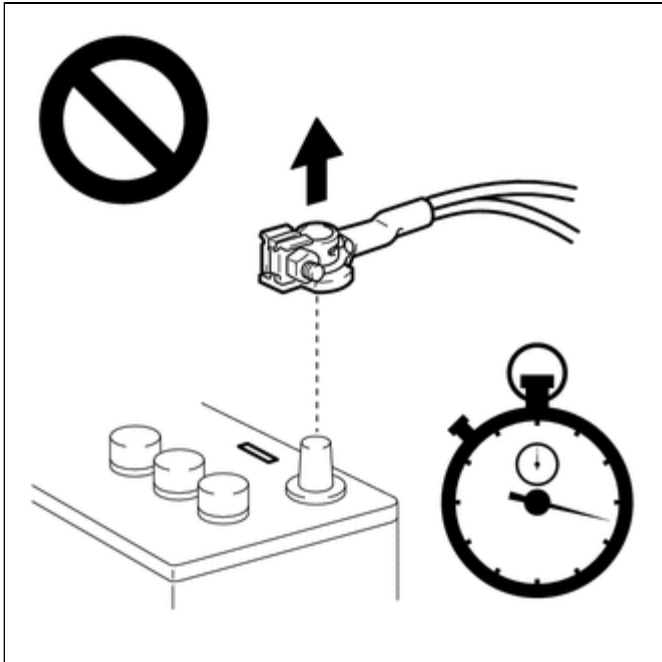
PROCEDURE

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

CAUTION:

- Wait at least 60 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system.
- If the airbag deploys for any reason, it may cause a serious accident.



2. REMOVE HORN BUTTON 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.
- For additional information see:

Click here [INFO](#)

HINT:

Steering wheel must be replaced if airbag unit has been deployed.

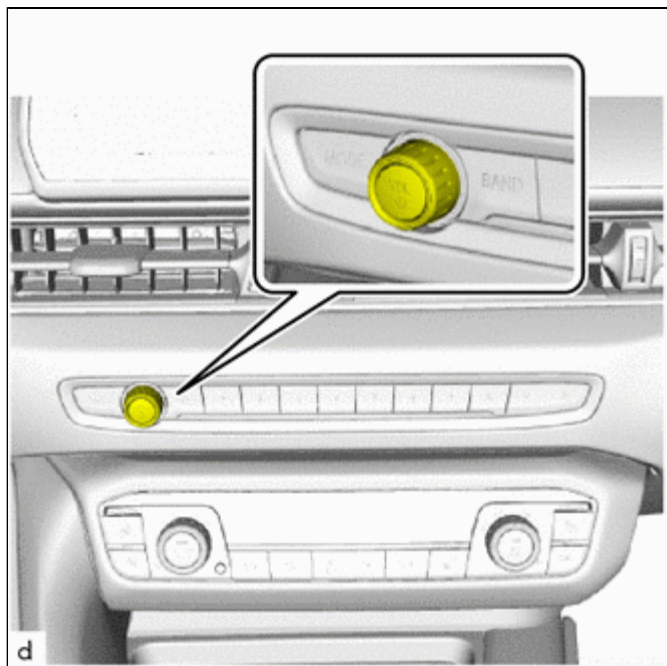
For more information see:

Click here [INFO](#)

(a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.



(b) Check that the cable is disconnected from the negative (-) battery terminal.

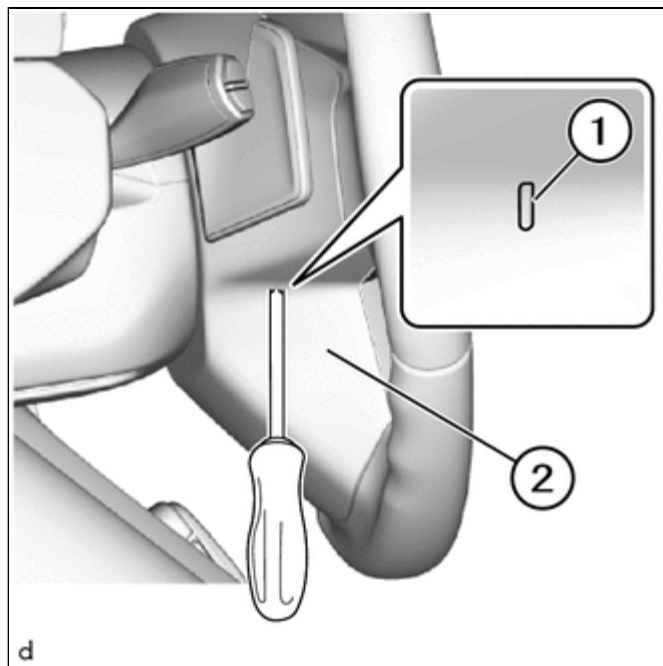
CAUTION:

- 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.

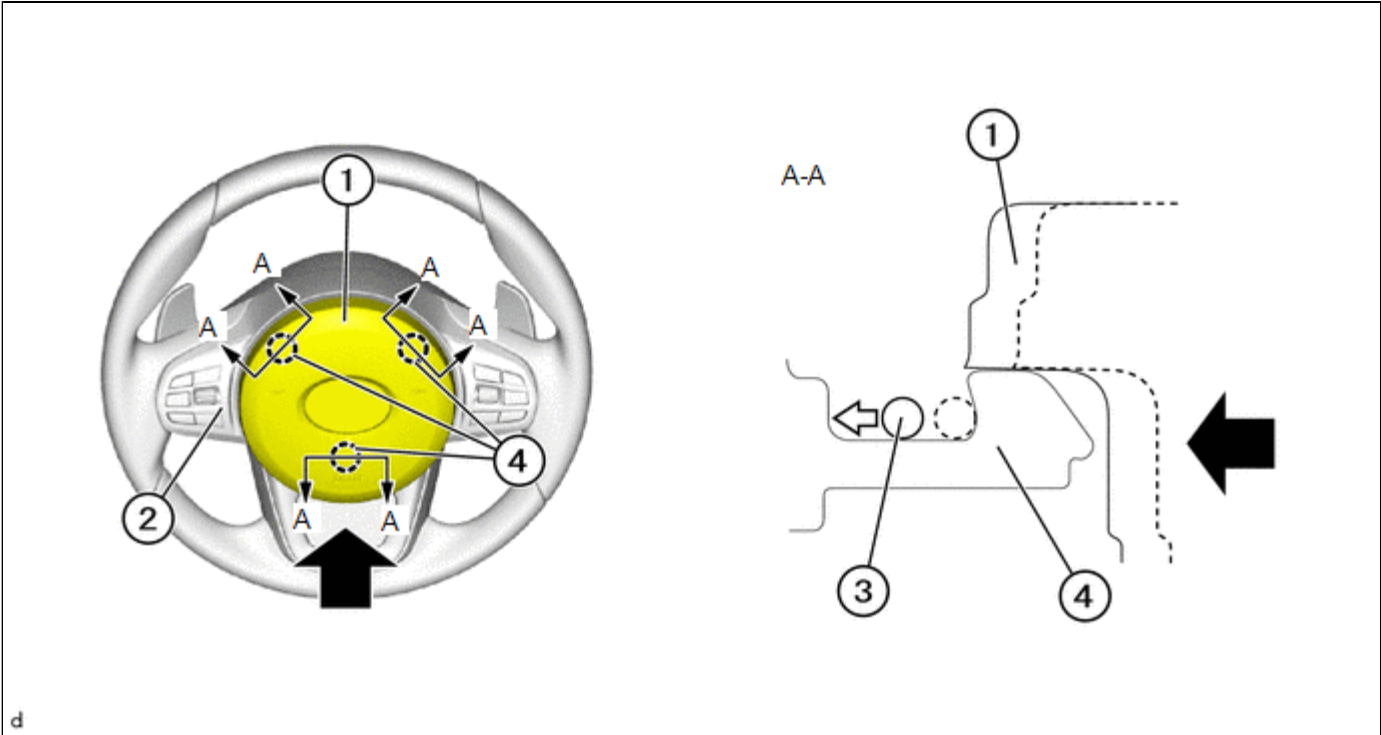
(c) Insert the "TORX" screwdriver T25 diagonally upwards into concealed opening on the rear side (1) of steering wheel assembly (2) until a springy resistance can be felt.

HINT:

Use the same procedure as for the opposite side.

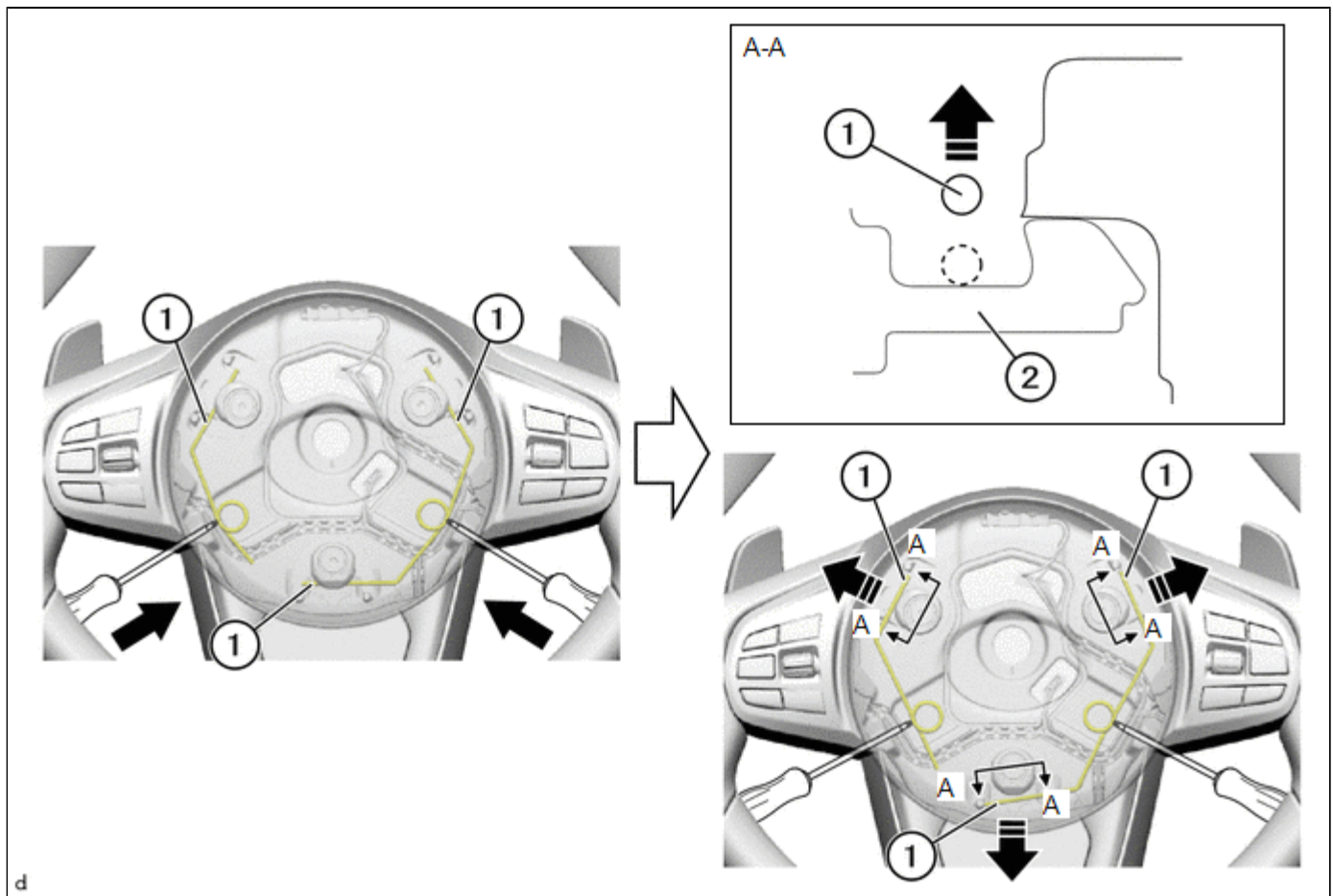


(d) Spreading your hands to hold it over a large area, push the entire horn button assembly (1) against the steering wheel assembly (2) so that the wire spring clips (3) are raised up from the hooks (4).



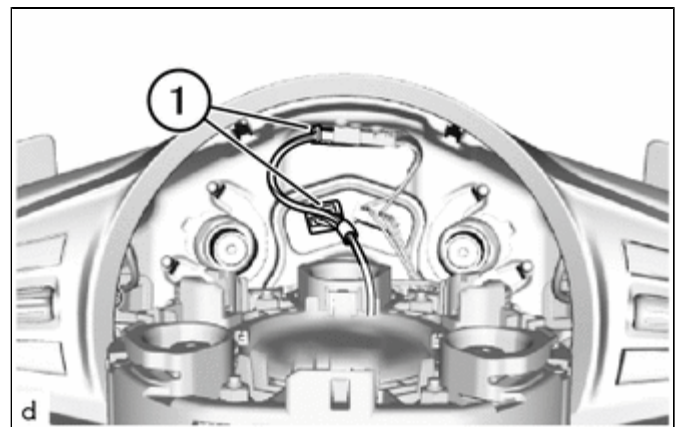
	Push		Raised up
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(e) While pushing and holding the entire horn button assembly, use the "TORX" screwdriver T25H to push the wire spring clips (1) towards the center of the steering wheel assembly and disengage the wire spring clips (1).



	Push		Remove in this Direction
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(f) Unlock the plug connection (1) and disconnect.



(g) Remove the horn button assembly.

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Title: SUPPLEMENTAL RESTRAINT SYSTEMS: STEERING PAD: INSTALLATION; 2020 MY Supra [03/2019 -]		

INSTALLATION

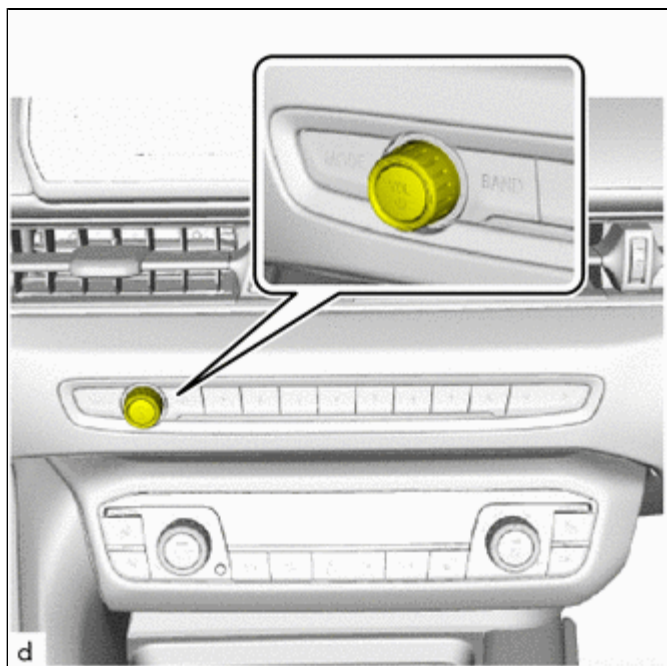
PROCEDURE

1. INSTALL HORN BUTTON ASSEMBLY

- (a) Check that the START-STOP button (engine switch) off.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.

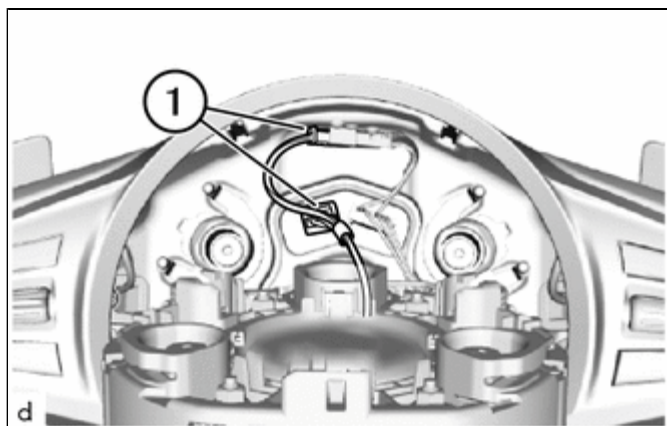


- (b) Check that the cable is disconnected from the negative (-) battery terminal.

CAUTION:

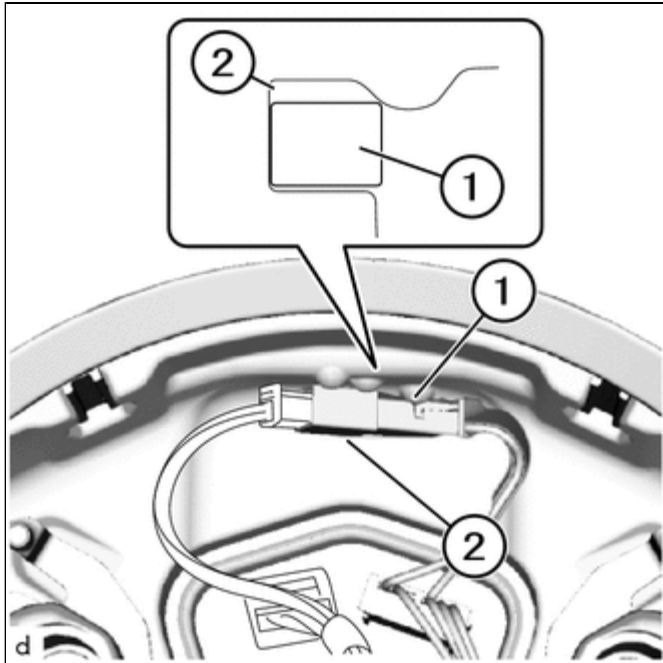
- Wait at least 60 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system.
- If the airbag deploys for any reason, it may cause a serious accident.

- (c) Connect the connectors (1) and lock.



HINT:

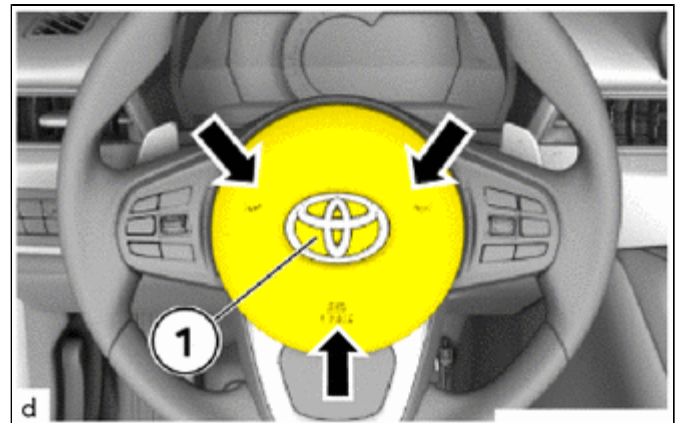
Install the connector (1) to the steering wheel assembly connector holder (2).



- (d) Apply even amounts of pressure and press the horn button assembly (1) into the steering wheel assembly until the airbag unit audibly and noticeably engages.

NOTICE:

After installation, try to pull the horn button assembly and check that the horn button assembly is securely installed.



2. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Click here [INFO](#)

3. INSPECT HORN BUTTON ASSEMBLY

- (a) Make sure that the horn sounds.