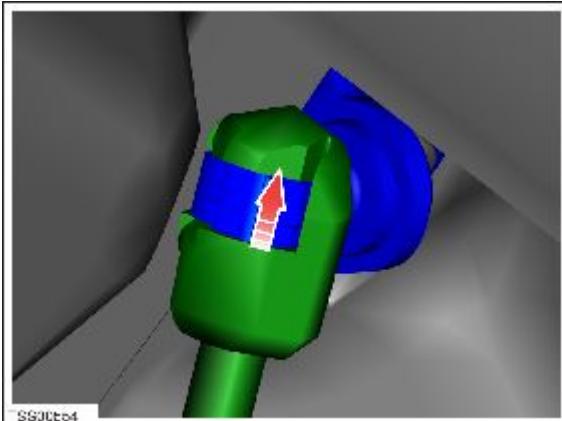


## Hood Assembly (Remove and Replace)

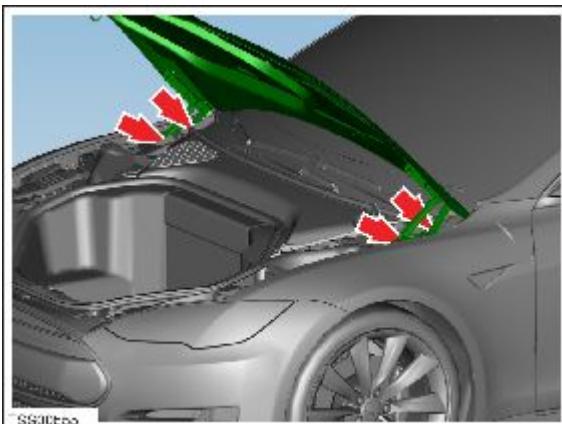
FRT No: 11101002

### Removal

1. Remove LH underhood apron for access ([refer to procedure](#))
2. Remove RH underhood apron for access.
3. Mark installed position of hood hinges to body.
4. With assistance support weight of hood.
5. Release clips (x2) and disconnect gas struts (x2) from hood mounting bracket ball joints.



6. Remove bolts (x4) securing LH and RH hood hinges to body (torque 24 Nm).



7. With assistance remove hood.

### Installation

1. Installation procedure is the reverse of removal, except for the following:
2. Align hood hinges to marked locations.
3. Check alignment of hood to body and adjust as necessary.

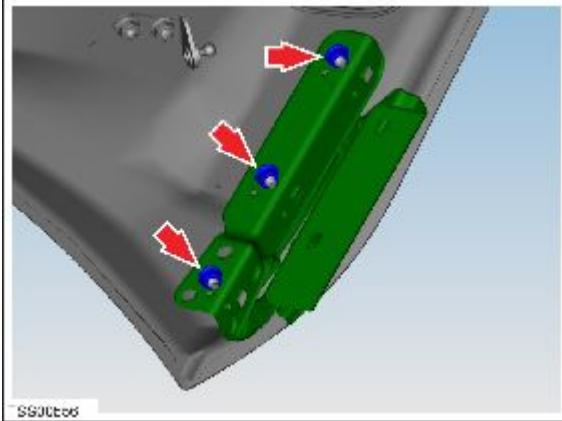
## Hinge - Hood - LH (Remove and Replace)

FRT No: 11101502

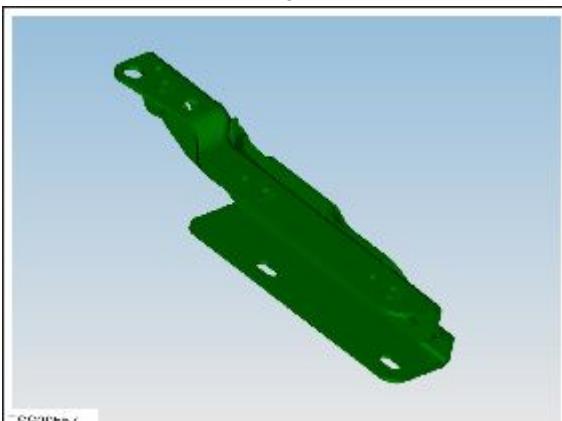
### Removal

1. Remove hood assembly ([refer to procedure](#))
2. Mark installed position of hinge to hood prior to removal.
3. Remove nuts (x3) securing LH hinge to hood (torque 24 Nm).

**Caution:** Protect exterior paint work from possible damage during this procedure.



4. Remove LH hood hinge.



## Installation

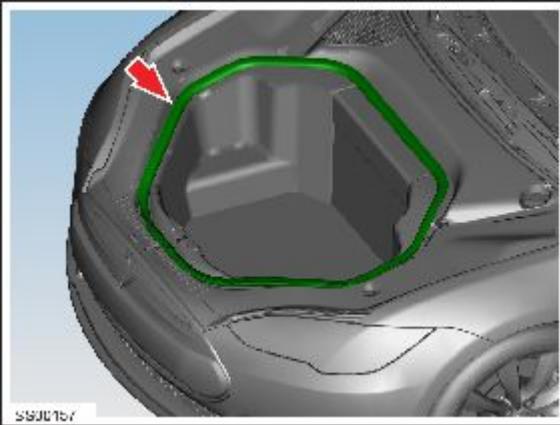
1. Installation procedure is the reverse of removal, except for the following.  
**Note:** Clean the affected areas before installation.
2. Install hood hinge to previously marked position.

## Cable Assembly - Hood Release (Remove and Replace)

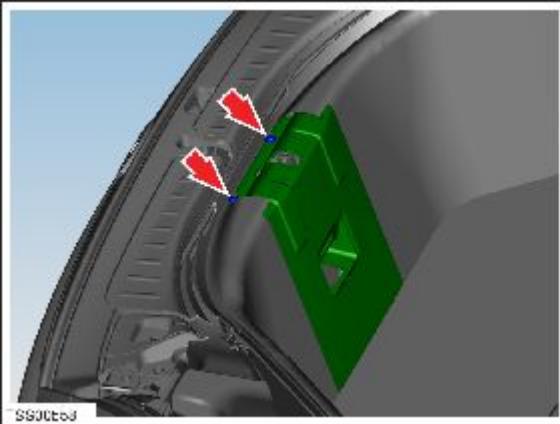
FRT No: 11102002

### Removal

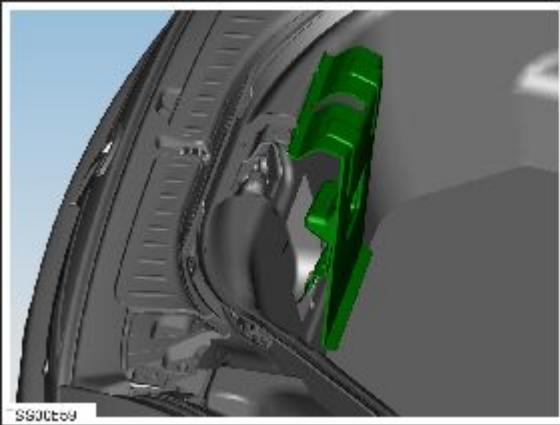
1. Working under the hood.
2. Remove hood loadspace cover seal for access.



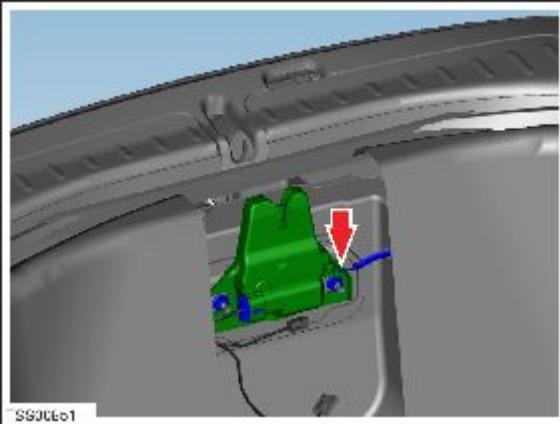
3. Remove plastic retainers (x2) securing hood latch cover to slam panel.



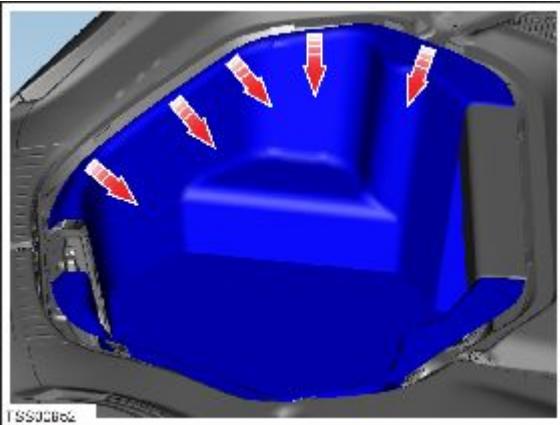
4. Release lower edge flange from carpet and remove from vehicle.



5. Release hood release cable hook from latch assembly.

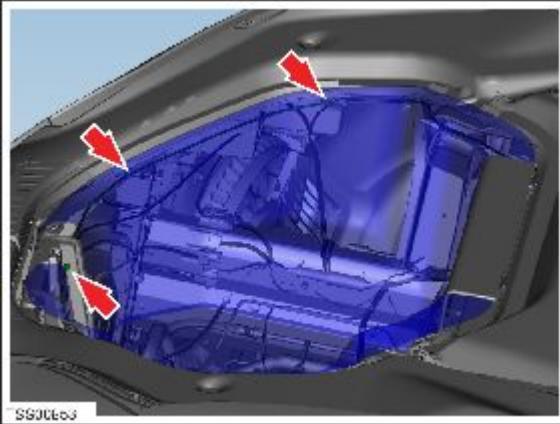


6. Peel back leading edge of front trunk carpet for access.

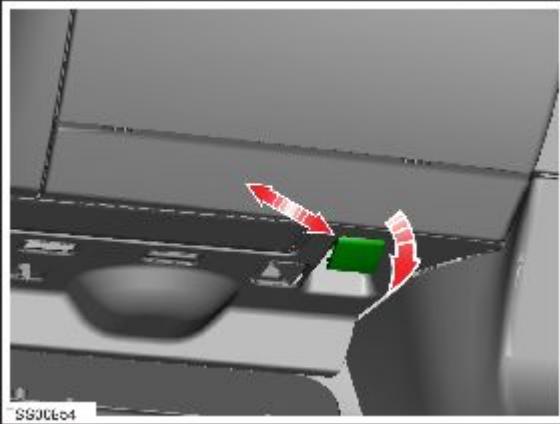


7. Depress clips and disconnect hood release cable from slam panel bracket.

8. Release clips (x2) securing cable to body.



9. Remove and discard clips from cable.
10. Tie a suitable tether to disconnected end of hood release cable and tape for security.
11. Open passenger door.
12. Locate hood release lever, disconnect lever from dash substrate.



13. With assistance withdraw cable through bulkhead grommet into passenger footwell.



14. Ensure tether remains in trunk.
15. Disconnect cable from lever.

## Installation

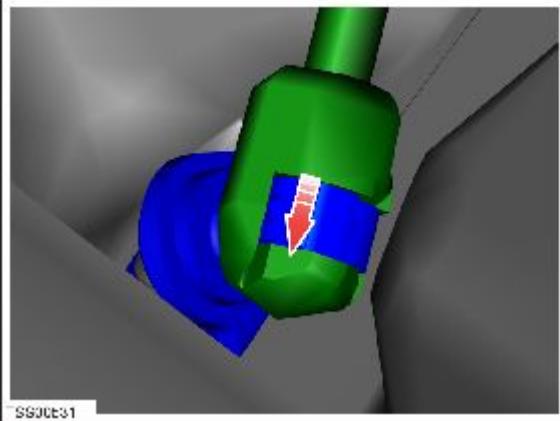
1. Installation procedure is the reverse of removal, except for the following:
2. Remove tether from hood release cable and connect to replacement cable.

## Gas Strut - Hood - LH (Remove and Replace)

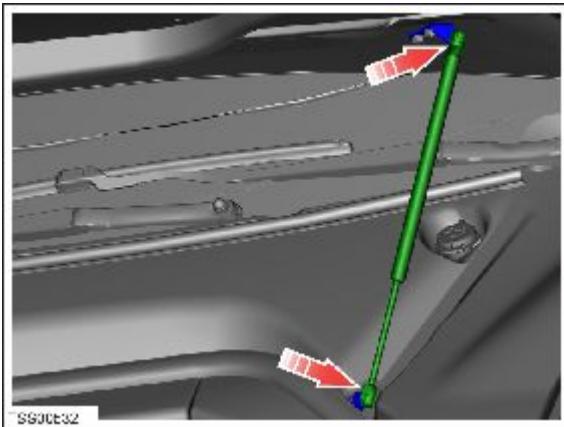
FRT No: 11102502

### Removal

1. Open hood.
2. Support hood in open position.
3. Release clip securing gas strut to body.



4. Disconnect gas strut from ball joint.
5. Release clip securing gas strut to hood.
6. Disconnect gas strut and remove from hood.



### Installation

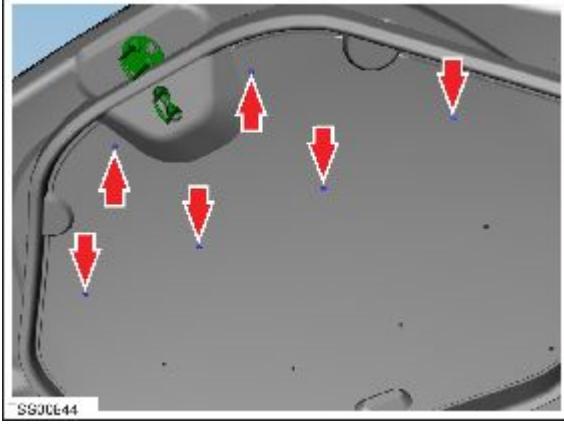
1. Installation procedure is the reverse of removal, except for the following.  
**Note:** Clean the affected areas before installation.  
**Note:** Apply the recommended grease to bearing/bushing surfaces.
2. Lubricate both pivot points.

## Striker - Hood (Remove and Replace)

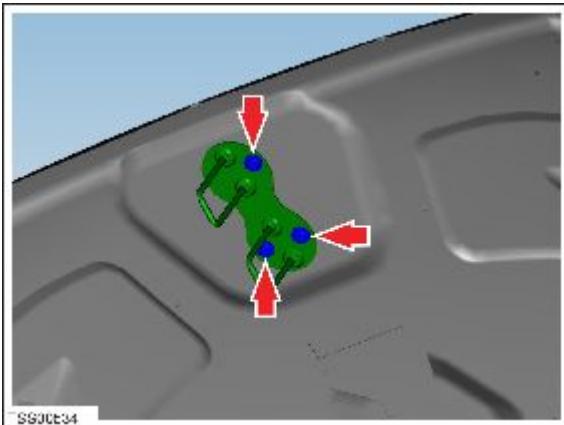
FRT No: 11103002

### Removal

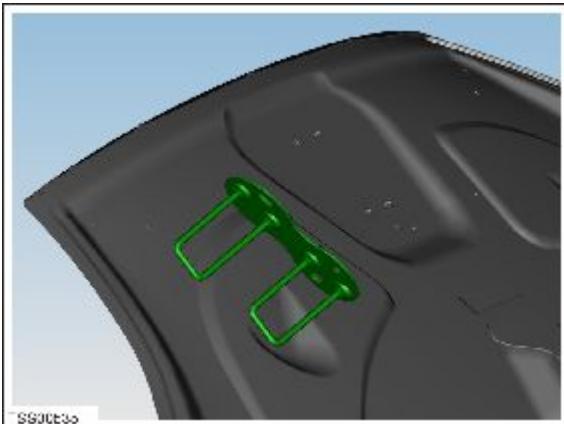
1. Open hood for access.
2. Remove clips (x6) securing acoustic panel to hood.



3. Carefully peel back acoustic panel for access.
4. Mark installed position of striker plate to aid installation.
5. Remove screws (x3) securing striker to hood (torque 20 Nm).



6. Remove striker plate.



### Installation

1. Installation procedure is the reverse of removal, except for the following:
2. Clean striker to hood witness marks from painted surface.

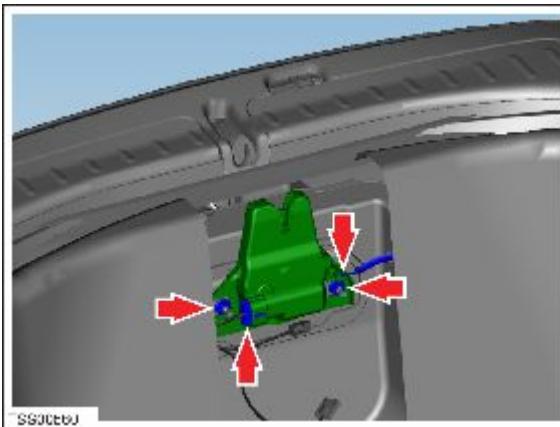
## Latch - Hood (Remove and Replace)

FRT No: 11103102

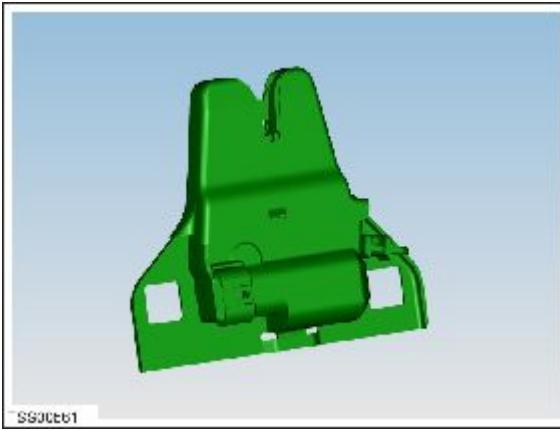
### Removal

1. Open hood for access.
2. Remove hood latch cover ([refer to procedure](#))

3. Remove nuts (x2) securing latch assembly to crossmember (torque 16 Nm).
4. Release latch assembly from studs, lower and disconnect harness connector.
5. Disconnect hood release cable from latch.



6. Remove latch assembly from vehicle.



## Installation

Installation procedure is the reverse of removal.

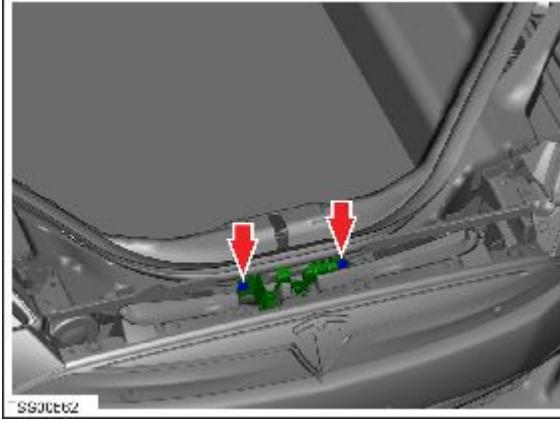
## Safety Latch (Remove and Replace)

FRT No: 11103202

### Removal

1. Remove front underhood apron ([refer to procedure](#))
2. Working from above, remove bolts (x2) securing safety latch to crossmember (torque 10 Nm).

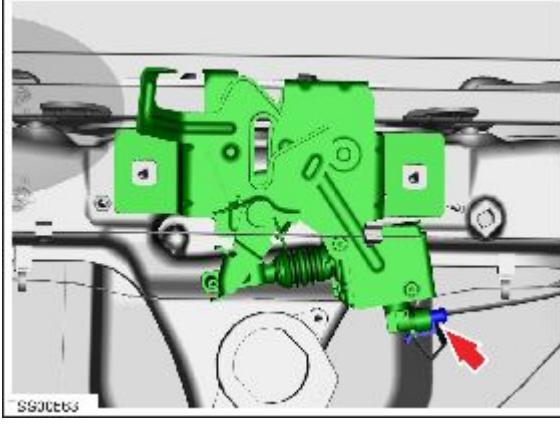
**⚠ Caution:** Care must be taken to avoid fasteners falling into open cavity.



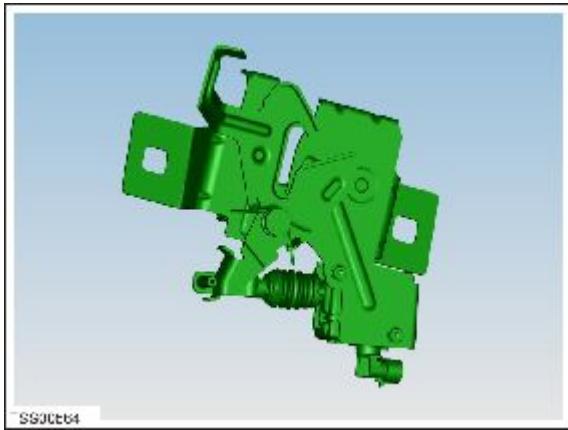
3. Carefully release safety latch assembly, rotate to access harness connection.

**⚠ Caution:** Take care not to damage component(s).

4. Disconnect harness connection from latch. The applique has been removed for clarity.



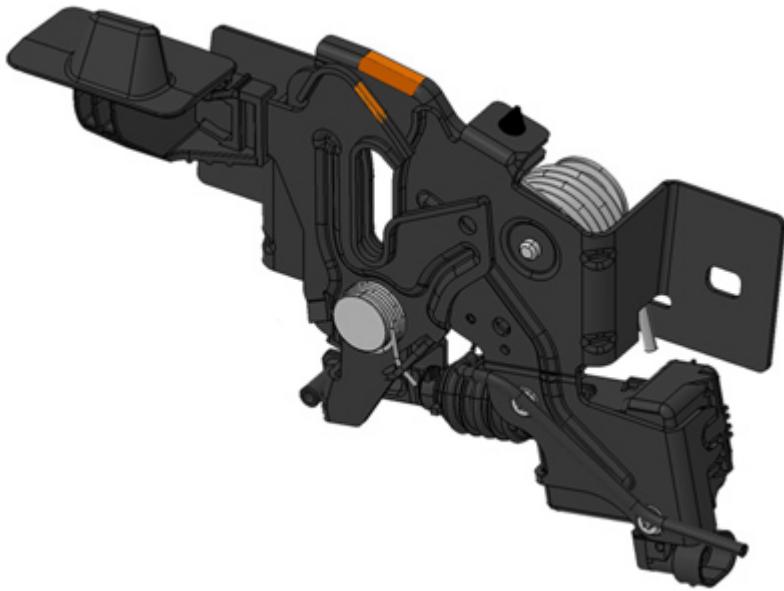
5. Remove latch assembly from vehicle.



### Installation

Installation procedure is the reverse of removal, except for the following:

Apply RheoGel TEK676 grease to the 2 areas of contact between the striker and secondary latch.

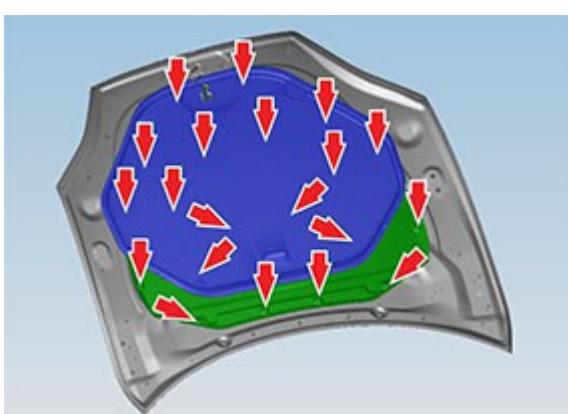


### Acoustic Panel - Hood (Remove and Replace)

FRT No: 11104002

#### Removal

1. Open the hood for access.
2. Carefully release the clips (x14) that secure the hoodliner to the hood.



3. Remove the hoodliner from the hood.
4. Carefully release the clips (x6) that secure the acoustic panel to the hood.



5. Remove the acoustic panel from the hood.

#### Installation

Installation procedure is the reverse of removal, except for the following:

**Note:** Clean the affected areas before installation.

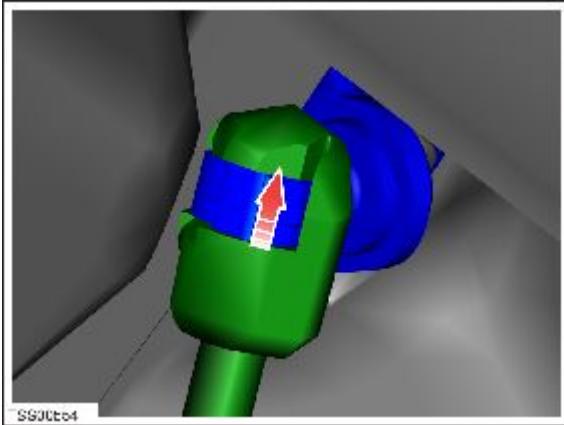
**Note:** Use new clips when installing the acoustic panel and hoodliner.

## Liftgate Assembly (Remove and Replace)

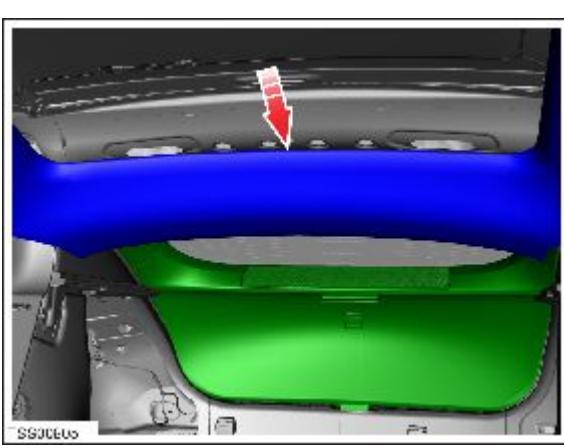
FRT No: 11200102

### Removal

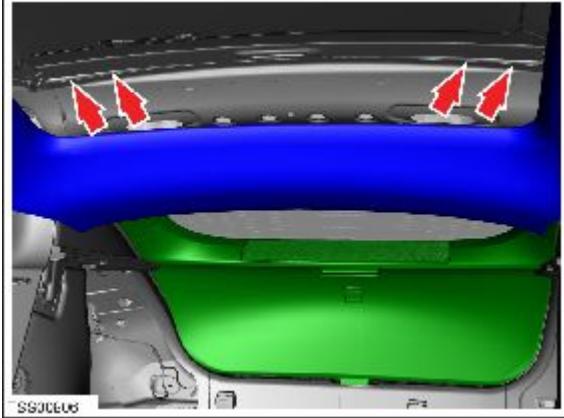
1. Power both front seats forward.
2. Release catches and fold rear seat backrests (x2) forward for access.
3. Release clips (x2) and disconnect gas struts (x2) from liftgate mounting bracket ball joints.



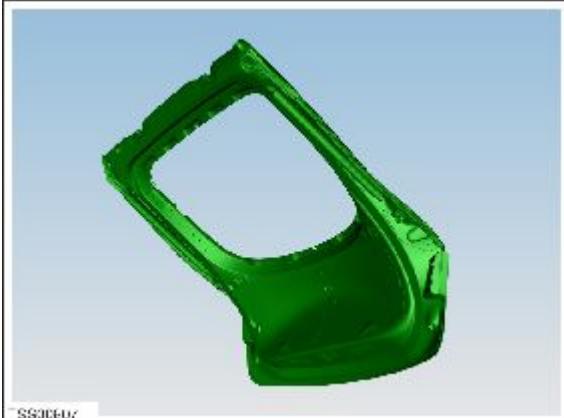
4. Remove LH upper 'C' post trim ([refer to procedure](#)).
5. Remove RH upper 'C' post trim.
6. Remove rear glass upper tri ([refer to procedure](#)).
7. Carefully release clips (x6) securing headlining to rear header, gently lower headliner until a suitable tool can be installed onto hinge nuts (x4).



8. Disconnect liftgate wiring harness connectors from LH and RH sides.
9. Disconnect harness connectors (x2) from rear interior lamps.
10. Mark installed position of hood hinges to body.
11. With assistance support weight of liftgate.
12. Remove nuts (x4) securing LH and RH liftgate hinges to body (torque 16 Nm).



13. With assistance remove liftgate.



### Installation

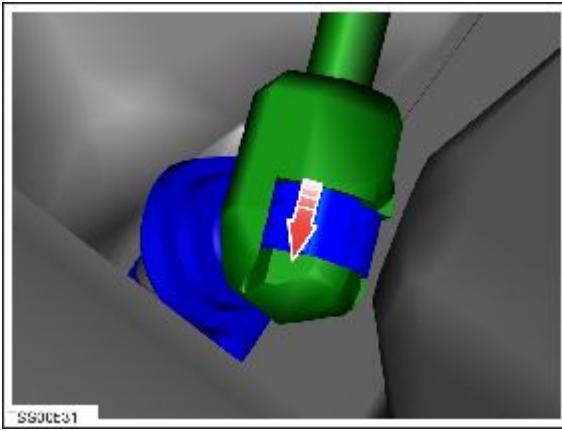
1. Installation procedure is the reverse of removal, except for the following:
2. Align liftgate hinges to marked locations.
3. Check alignment of liftgate to body and adjust as necessary.

## Power Strut - Liftgate (Remove and Replace)

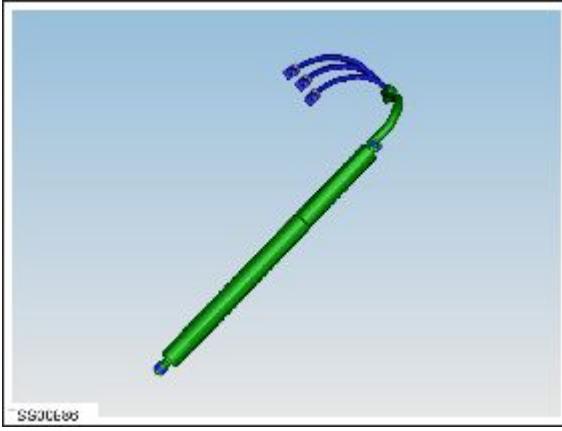
FRT No: 11201002

## Removal

1. Open liftgate.
2. Support liftgate in open position.
3. Release headlining for access to harness ([refer to procedure](#))
4. Remove RH liftgate side trim. LH illustrated RH similar ([refer to procedure](#))
5. Release clip securing power strut to body.



6. Disconnect power strut from ball joint.
7. Release clip securing power strut to liftgate.
8. Disconnect power strut harness connectors (x3) release strut from body and remove.



## Installation

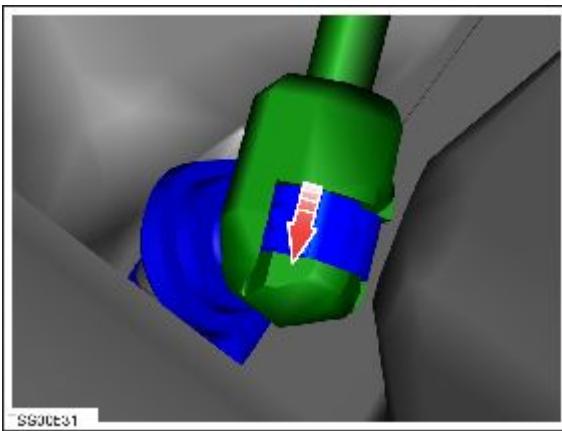
1. Installation procedure is the reverse of removal, except for the following.
  - Note:** Clean the affected areas before installation.
  - Note:** Apply the recommended grease to bearing/bushing surfaces.
2. Lubricate both pivot points.

## Strut - Liftgate (Remove and Replace)

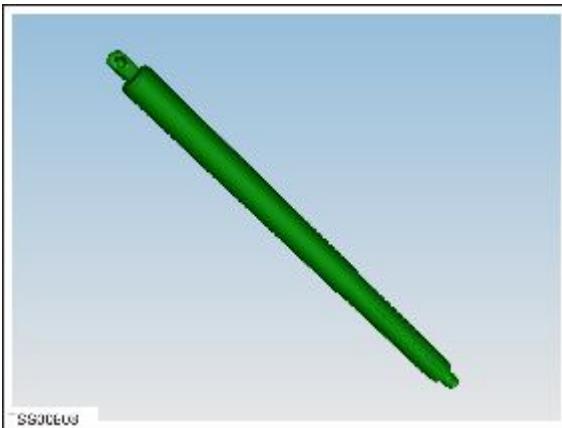
FRT No: 11201602

## Removal

1. Open liftgate.
2. Support liftgate in open position.
3. Release clip securing gas strut to body.



4. Disconnect gas strut from ball joint.
5. Release clip securing gas strut to liftgate.
6. Disconnect and remove gas strut.



## Installation

1. Installation procedure is the reverse of removal, except for the following.

**Note:** Clean the affected areas before installation.

**Note:** Apply the recommended grease to bearing/bushing surfaces.

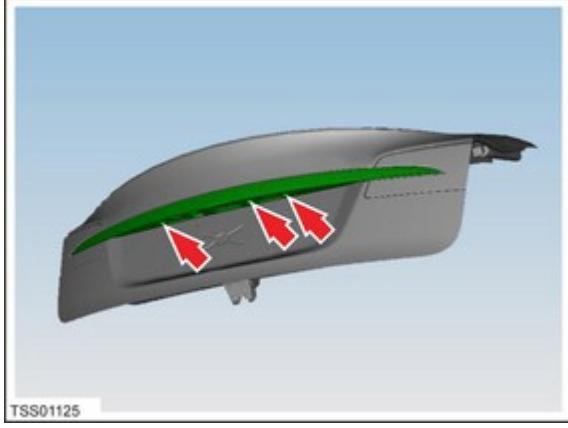
2. Lubricate both pivot points.

## Liftgate - Applique (Remove and Replace)

FRT No: 11202202

### Removal

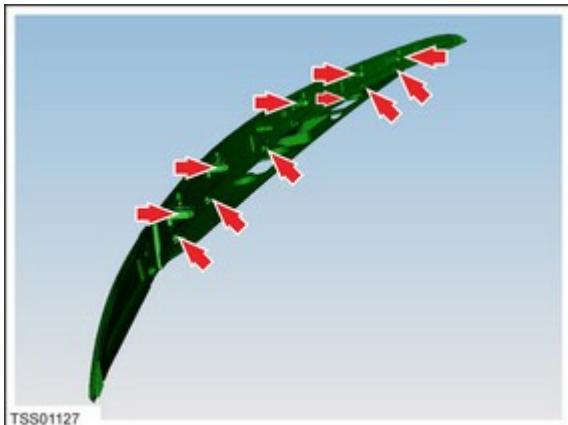
1. Time created at request of Tesla height.
2. Remove screws (x3) securing applique closing trim and number plate lamps to liftgate.



3. Protect rear lamps from potential damage.
4. Using a suitable tool release adhesive bond (x2) securing applique to rear lamps.
5. Release clips (x11) securing applique and release from liftgate.



6. Inspect clips for damage and replace if required.



### Installation

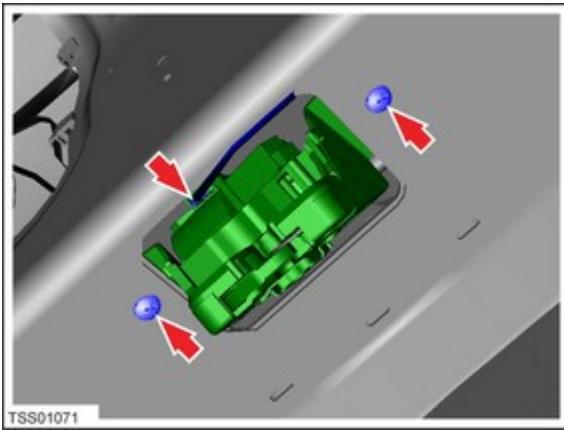
1. Installation procedure is the reverse of removal, except for the following.
2. Remove all traces of adhesive residue from applique and liftgate.
3. Apply a suitable double sided adhesive pads (x2) to applique.
4. Remove secondary adhesive protection from pads.
5. Ensure applique is correctly bonded to liftgate.

## Latch - Liftgate (Remove and Replace)

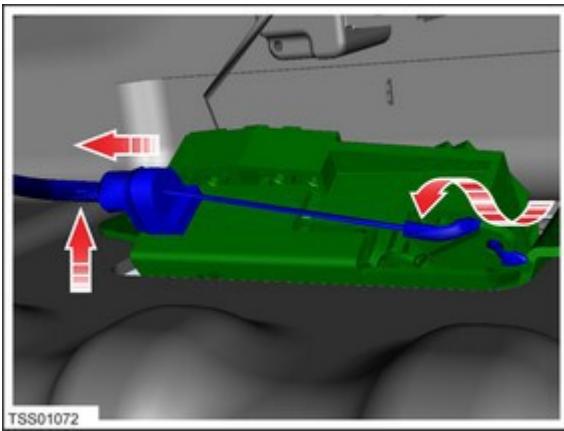
FRT No: 11203002

### Removal

1. Open liftgate and secure at working height.
2. Remove liftgate trim ([refer to procedure](#))
3. Disconnect wiring harness connector.
4. Remove screws (x2) securing liftgate latch assembly (torque 10 Nm).



5. Release outer cable from abutment and disconnect inner cable from latch assembly.



6. Remove latch assembly.

## Installation

1. Installation procedure is the reverse of removal, except for the following.
 

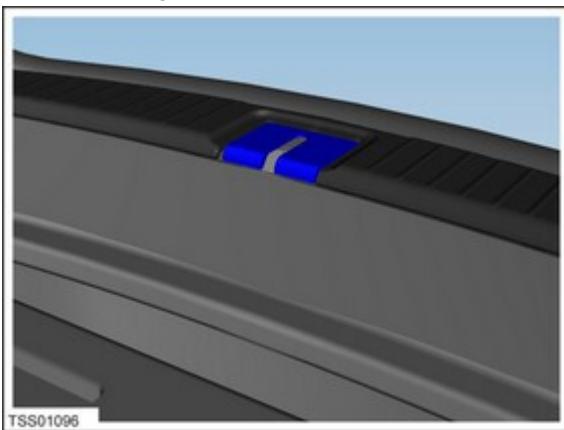
**Caution:** Replace all Patchbolt(s).
2. Power the cinch motor until the correct alignment is reached. Open liftgate and torque tighten bolts.

## Striker - Liftgate (Remove and Replace)

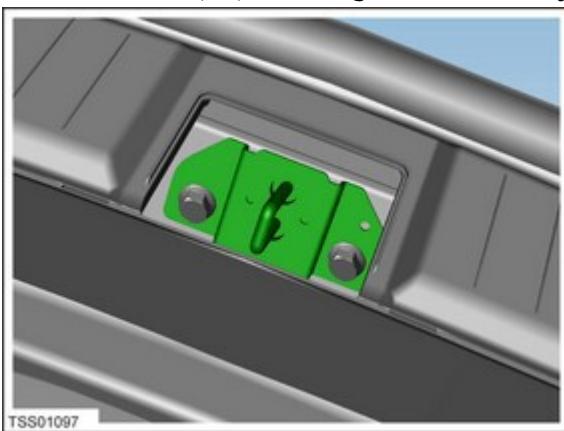
FRT No: 11203102

### Removal

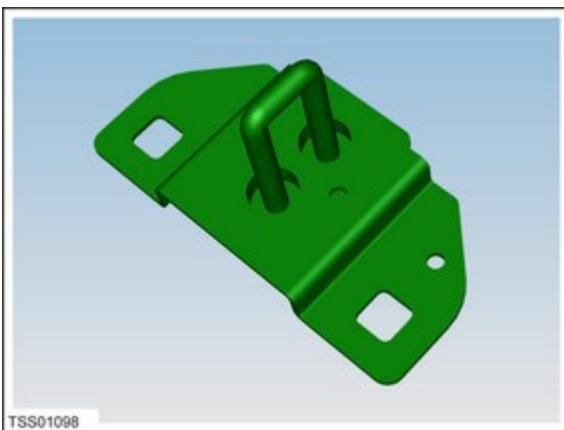
1. Open liftgate.
2. Remove liftgate striker cover.



3. Remove bolts (x2) securing striker to body (torque 10 Nm).



4. Remove striker from vehicle.



## Installation

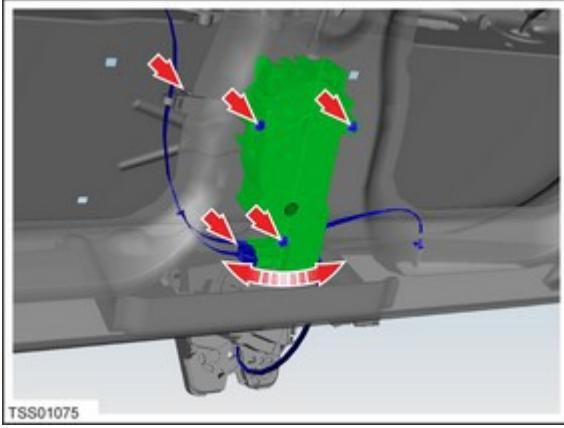
1. Installation procedure is the reverse of removal, except for the following:
2. Check and adjust liftgate striker.
3. Cycle the cinch motor several times to optimise striker position, open liftgate assembly and torque tighten bolts.

## Actuator - Cinching (Remove and Replace)

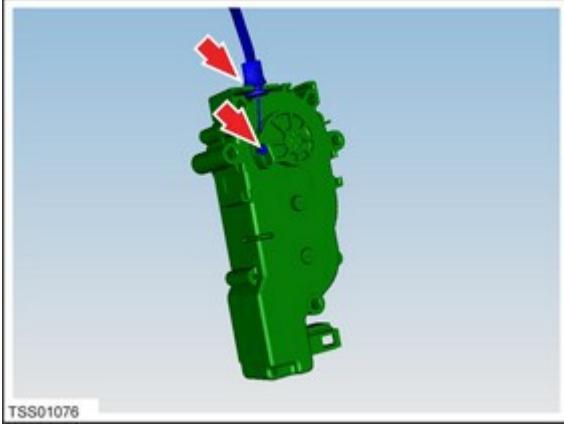
FRT No: 11203502

### Removal

1. Open liftgate and secure at working height.
2. Remove liftgate trim ([refer to procedure](#))
3. Remove screws x3 securing cinch motor to liftgate.
4. Release harness clip, rotate the cinch clockwise to access harness connector.
5. Disconnect harness connector.



6. Position cinching motor for access to latch release cable. Release cable from abutment and disconnect inner cable from motor.



### Installation

Installation procedure is the reverse of removal.

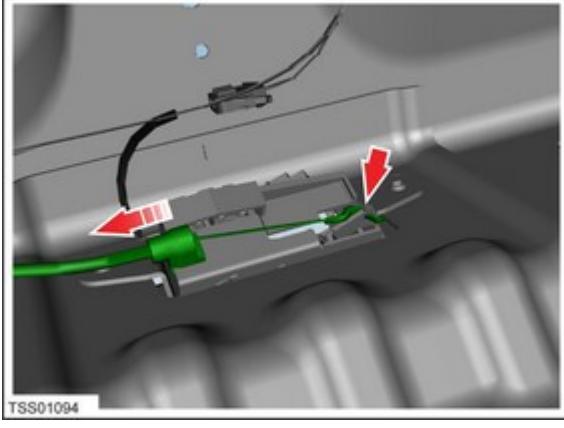
**Caution:** Replace all Patchbolt(s).

## Cable - Cinching (Remove and Replace)

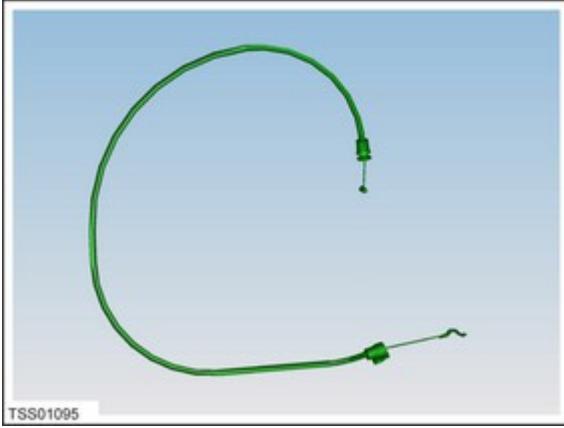
FRT No: 11203602

### Removal

1. Remove cinch actuator from liftgate ([refer to procedure](#))
2. Disconnect cinch cable from latch assembly.



3. Remove cinch cable from liftgate.



## Installation

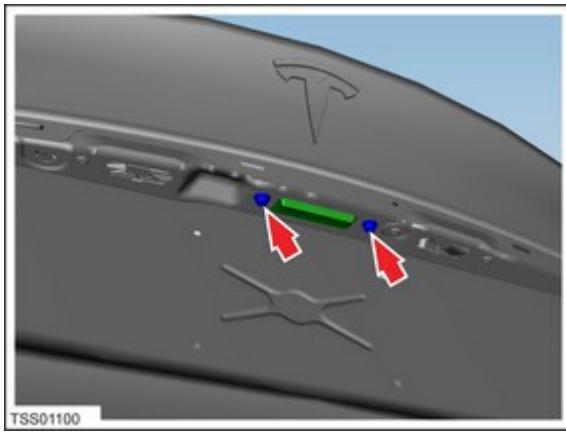
Installation procedure is the reverse of removal.

## Exterior Release Switch - Liftgate (Remove and Replace)

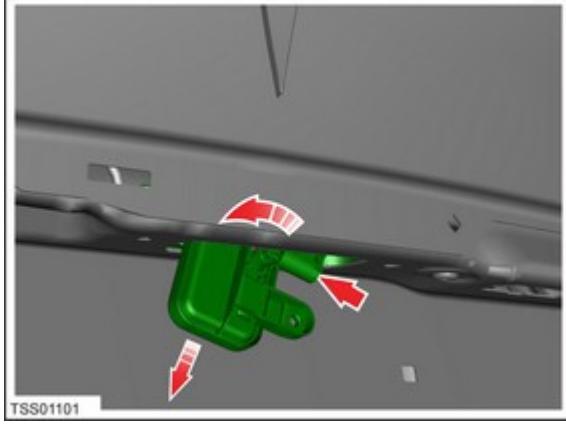
FRT No: 11204002

### Removal

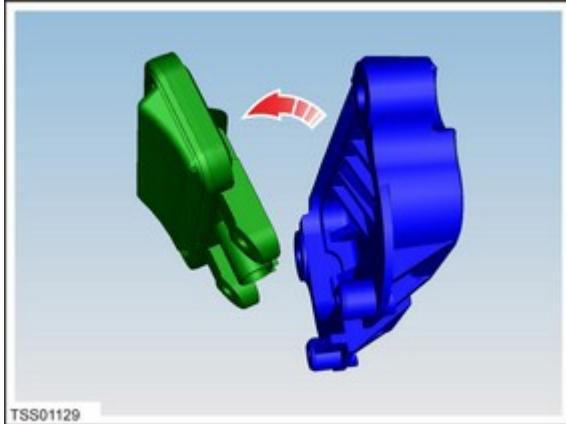
1. Open liftgate to a suitable working height.
2. Remove applique from liftgate ([refer to procedure](#))
  - Caution:** Take care not to damage component(s).
  - Caution:** Protect paintwork from possible damage during this procedure.
3. Remove bolts (x2) securing switch housing to liftgate (torque 3 Nm).
  - Caution:** Replace all Patchbolt(s).



4. Release switch and housing from liftgate, rotate and disconnect harness connector.



5. Remove screws (x2) securing switch to housing and collect liftgate switch.



## Installation

Installation procedure is the reverse of removal.

## Door Assembly - Front - LH (Remove and Replace)

FRT No: 11301002

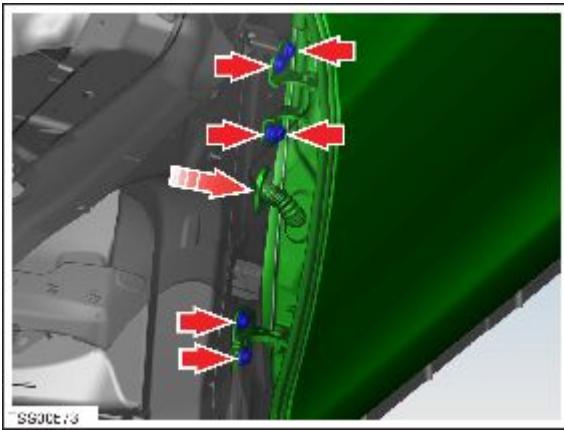
### Removal

1. Position vehicle with clear access to door assembly.
2. Remove sill panel trim ([refer to procedure](#))
3. Disconnect door harness connectors (x3) from dash wiring harness.
4. Support door on stand.

**Caution:** Take care not to damage component(s).

5. Mark installed positions of hinge to 'A' pillar to aid installation.
6. Remove bolts (x6) securing door hinges to body (torque 31 Nm).

**Note:** Components have been removed in this graphic to aid clarity.

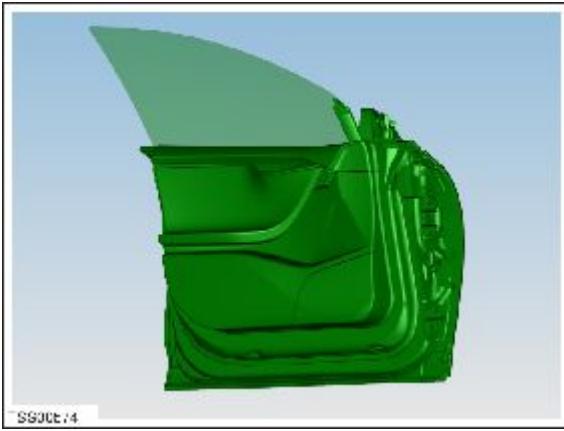


7. With assistance release harness grommet from 'A' post.
8. Carefully withdraw door wiring harness.

**Caution:** Take care not to damage component(s).

9. Remove door and position aside to prevent damage.

**Caution:** Protect exterior paint surfaces during this procedure.



## Installation

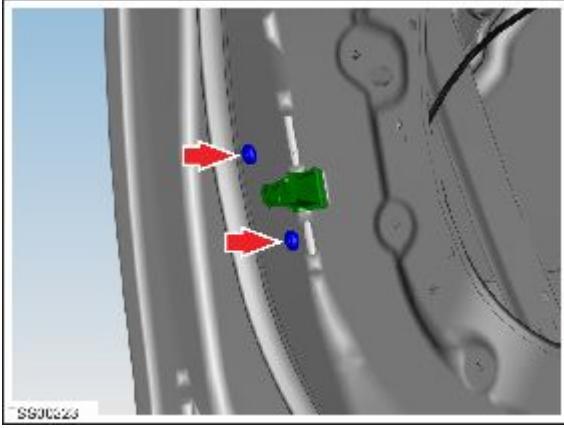
1. Installation procedure is the reverse of removal, except for the following:
2. Install door and set hinges to witness marks. Check door alignment, adjust if required.

## Latch - Door - Front - LH (Remove and Replace)

FRT No: 11351002

### Removal

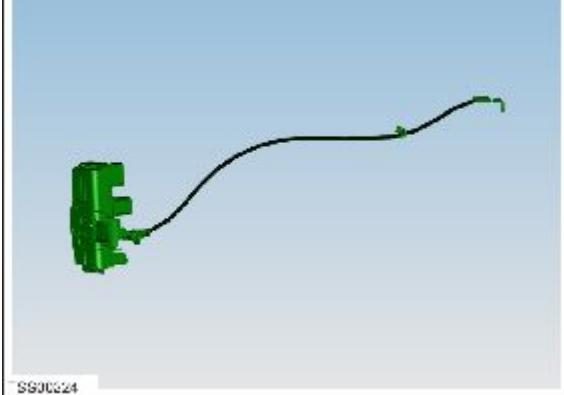
1. Remove front door trim panel ([refer to procedure](#))
2. Remove screws (x2) securing door latch assembly to reinforcement (torque 10 Nm).



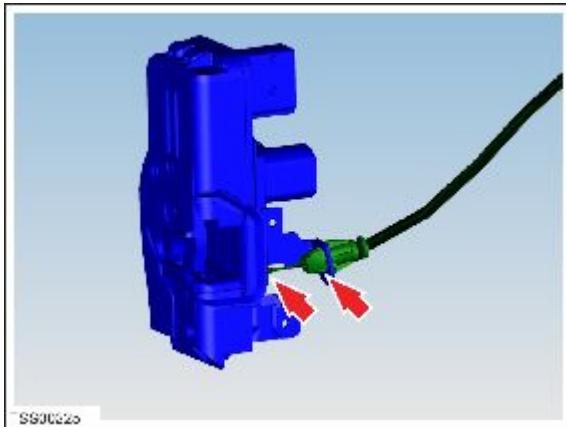
3. Carefully release latch assembly from door outer panel and disconnect latch harness connector.

**Caution:** Take care not to damage component(s).

4. Remove latch assembly and release cable from door.



5. Disconnect latch release cable from latch assembly.



6. Disconnect wiring harness connector.

## Installation

Installation procedure is the reverse of removal.

## Latch - Door - Rear - LH (Remove and Replace)

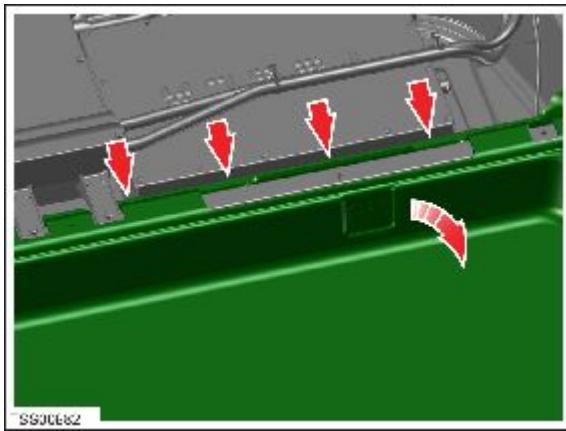
FRT No: 11351502

**⚠ Warning:** If the 12V power supply is disconnected, do not attempt to open any doors with door glass in closed position. Failure to follow this instruction could result in door glass shatter.

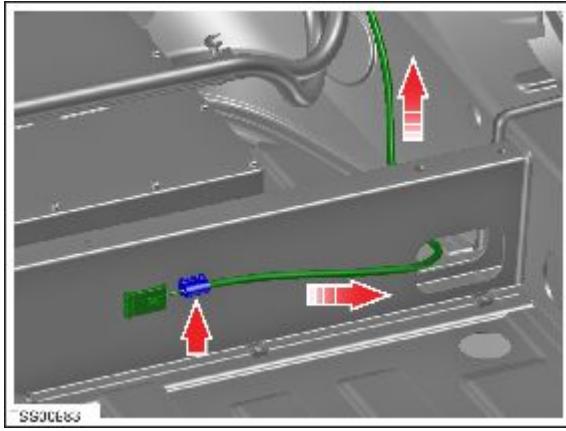
**Note:** Before disconnecting the 12V power supply, ensure that driver's door window is fully open. Failure to follow this instruction could result in vehicle lockout.

## Removal

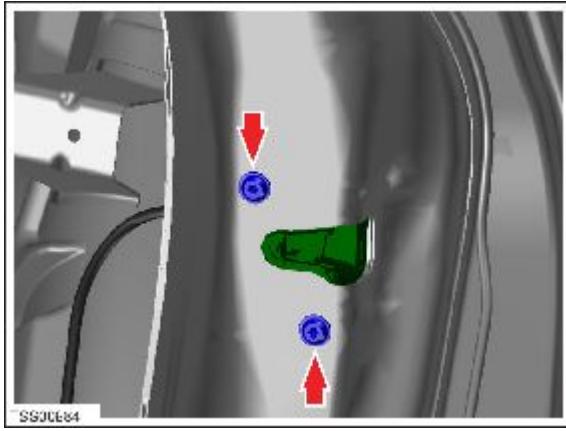
1. Disconnect 12V power ([refer to procedure](#)).
2. Remove the rear seat cushion frame ([refer to procedure](#)).
3. Remove the rear sill trim panel ([refer to procedure](#)).
4. Release the carpet and sound insulation from the rear seat mounting cross member to gain access to the latch manual release lever and cable.



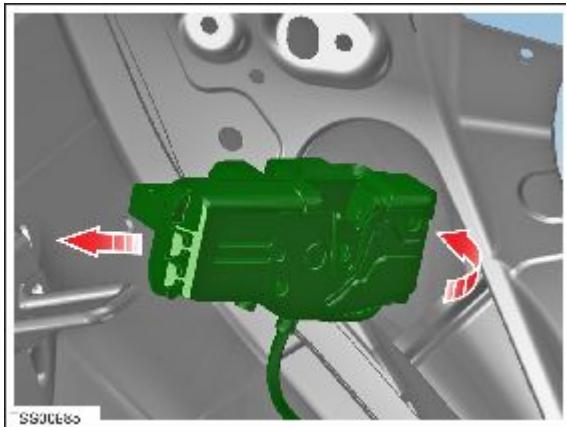
5. Release the clip from the cross member and feed the cable through the opening.



6. Remove the screws (x2) that secure the latch to the C Pillar (torque 10 Nm).



7. From inside the vehicle, disconnect the latch wiring, release the latch from the C Pillar, and remove it from the opening.



### Installation

Installation procedure is the reverse of removal.

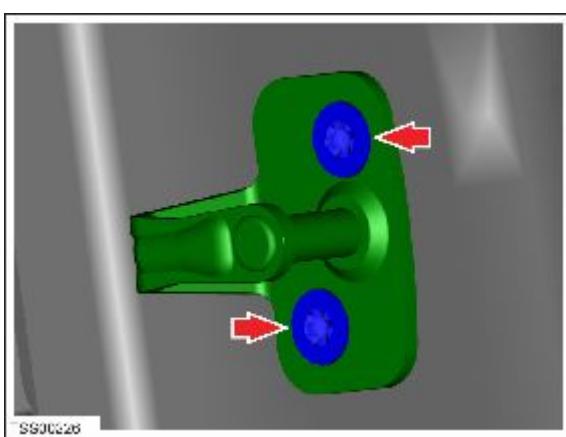
## Striker - Door - Front - LH (Remove and Replace)

FRT No: 11352002

### Removal

1. Open door.
2. Remove countersunk screws (x2) securing striker plate to 'B' pillar (torque 22 Nm).

**Note:** Note installed position of components before removal.



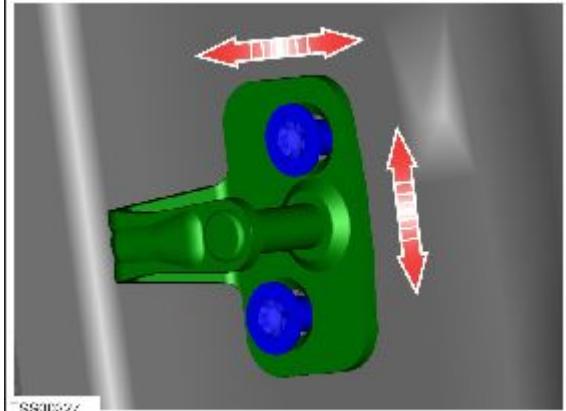
3. Remove door striker.

### Installation

Installation procedure is the reverse of removal, except for the following:

### Adjust

Check and adjust door to body as required.



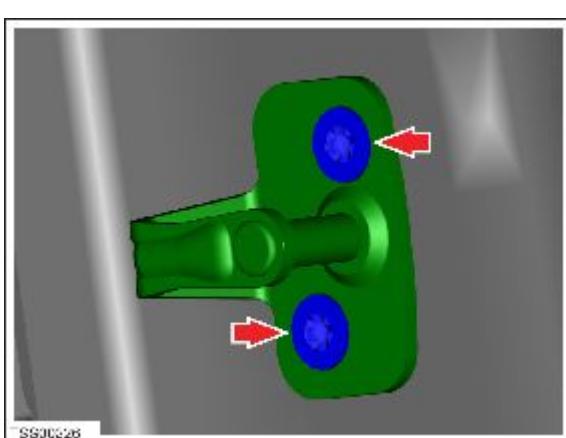
## Striker - Door - Rear - LH (Remove and Replace)

FRT No: 11352502

### Removal

1. Open door.
2. Remove countersunk screws (x2) securing striker plate to rear door (torque 22 Nm).

**Note:** Note installed position of components before removal.



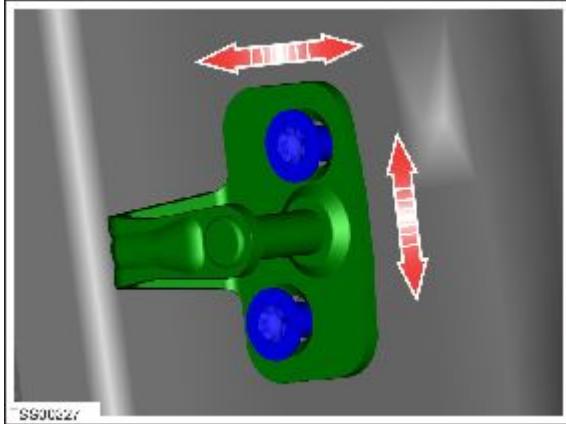
3. Remove door striker.

## Installation

Installation procedure is the reverse of removal.

## Adjust

Check and adjust door to body as required.



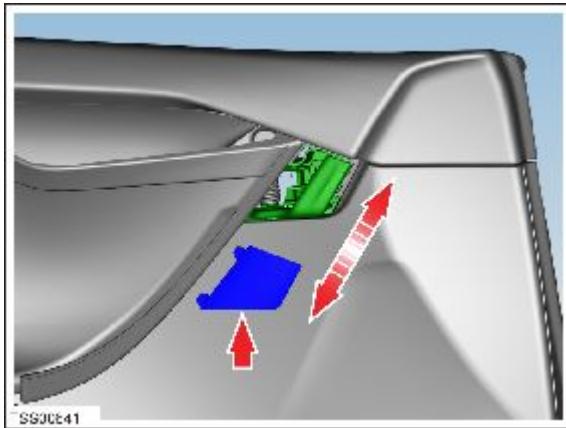
## Handle - Interior Release - Door - Front - LH (Remove and Replace)

FRT No: 11401002

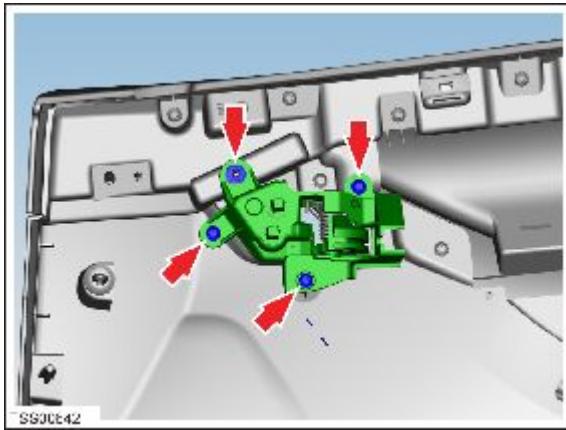
### Removal

1. Remove front door trim panel ([refer to procedure](#))
2. Release clips and remove door pad finisher.

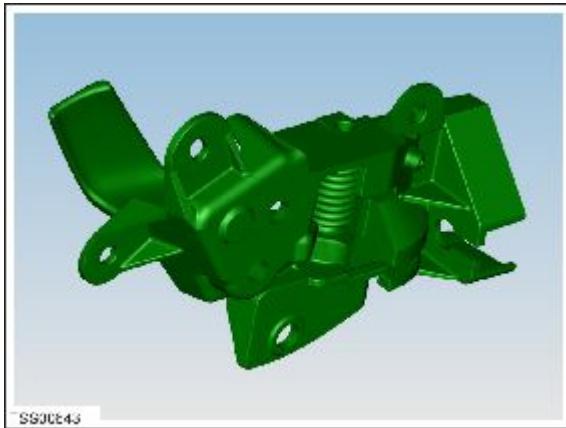
**Caution:** Take care not to damage component(s).



3. Remove screws (x3) and nut (x1) securing interior door handle to trim pad (torque 3 Nm).



4. Release and remove door handle.



## Installation

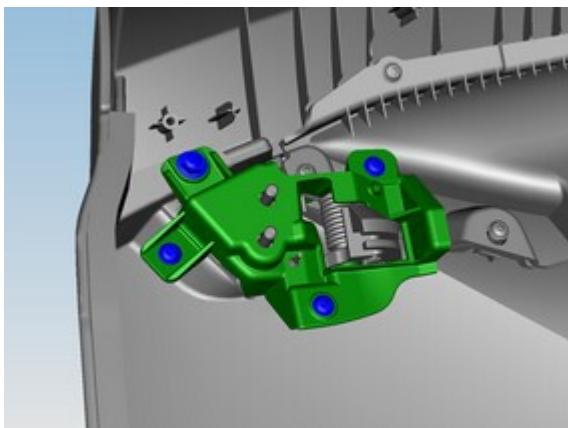
Installation procedure is the reverse of removal.

## Handle - Interior Release - Door - Rear - LH (Remove and Replace)

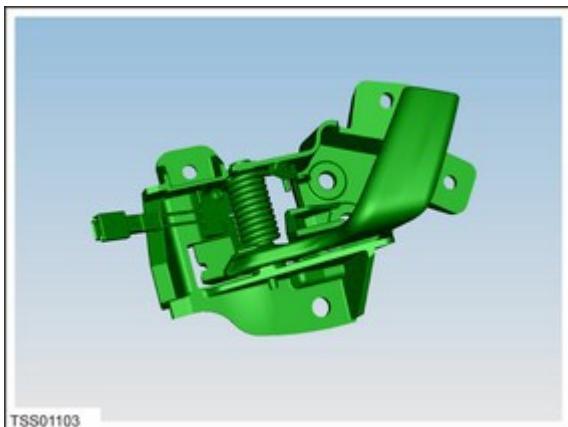
FRT No: 11401202

### Removal

1. Remove rear door trim panel ([refer to procedure](#))
2. Remove screws (x3) and nut (x1) securing interior door handle to trim pad (torque 3 Nm).



3. Release and remove door handle.



## Installation

Installation procedure is the reverse of removal.

## Cable - Interior Release - Front - LH (Remove and Replace)

FRT No: 11402002

### Removal

Remove LH front door latch assembly ([refer to procedure](#))

### Installation

Installation procedure is the reverse of removal.

## Handle - Exterior Release - Door - Front - LH (Remove and Replace)

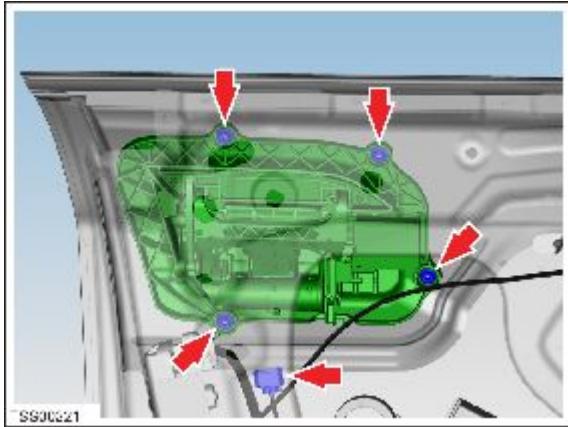
FRT No: 11451002

### Removal

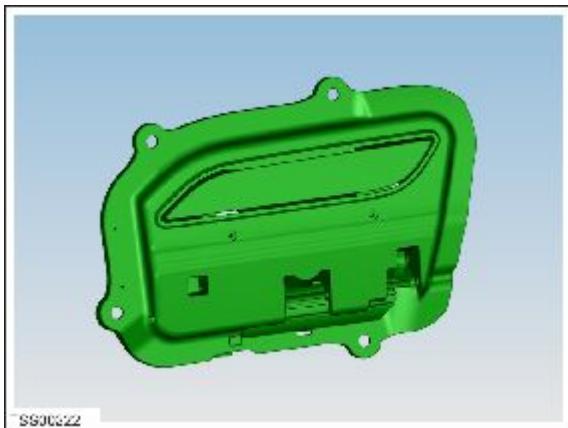
1. Remove regulator assembly ([refer to procedure](#))
2. Make sure exterior release handle is fully retracted.
3. Disconnect handle harness connector.
4. Remove nuts (x4) securing door release assembly to reinforcement (torque 9 Nm).
5. Carefully release door handle assembly from door outer panel.

**Caution:** Take care not to damage component(s).

**Caution:** Protect exterior paint surfaces during this procedure.



6. Remove exterior release handle assembly from door.



7. Remove the back plate from the handle assembly ([refer to procedure](#))

8. Remove the grip from the handle assembly ([refer to procedure](#))

## Installation

Installation is the reverse of removal, except for the following:

- Install the grip and back plate on the new handle assembly before reinstallation.
- Update or redeploy the firmware:
  - If the vehicle is not running the latest firmware, perform a full firmware update.
  - If the vehicle is running the latest firmware, perform a firmware redeploy:
    1. In Toolbox, select Views > Firmware and ECU Programming > Firmware Redeploy.
    2. Select the Service Redeploy tab.
    3. Click the Start Routine button.
- After installation, check operation of replacement door handle.

## Handle - Exterior Release - Door - Rear - LH (Remove and Replace)

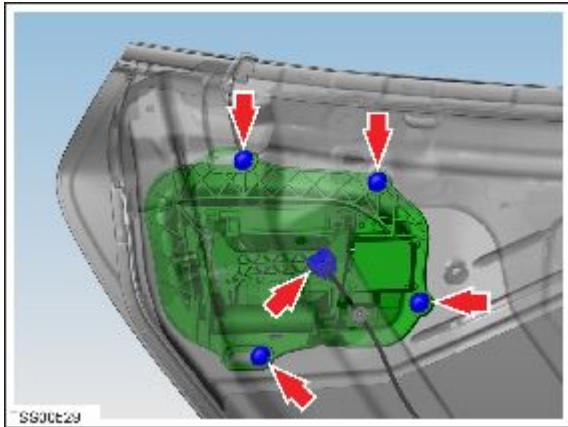
FRT No: 11452002

### Removal

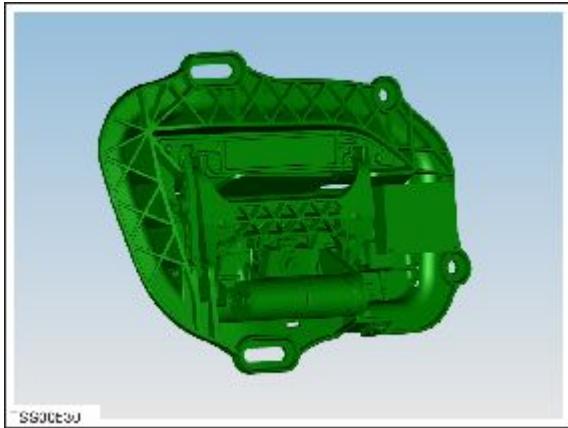
1. Remove regulator assembly ([refer to procedure](#))
2. Make sure exterior release handle is fully retracted.
3. Disconnect handle harness connector.
4. Remove nuts (x4) securing door release assembly to reinforcement (torque 9 Nm).
5. Carefully release door handle assembly from door outer panel and disconnect handle harness connector.

**⚠ Caution:** Take care not to damage component(s).

**⚠ Caution:** Protect exterior paint surfaces during this procedure.



6. Remove exterior release handle assembly from door.



7. Remove the back plate from the handle assembly ([refer to procedure](#))
8. Remove the grip from the handle assembly ([refer to procedure](#))

### Installation

Installation is the reverse of removal, except for the following:

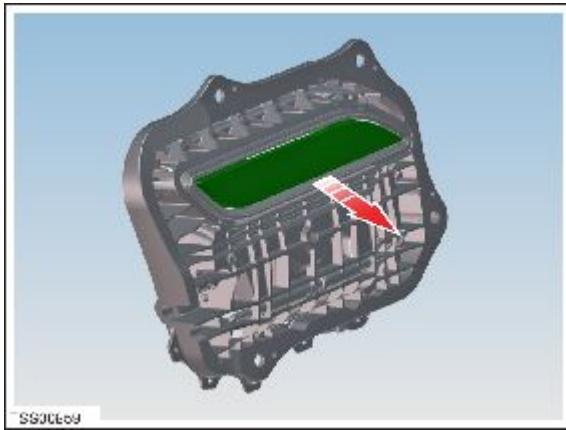
- Install the grip and back plate on the new handle assembly before reinstallation.
- Update or redeploy the firmware:
  - If the vehicle is not running the latest firmware, perform a full firmware update.
  - If the vehicle is running the latest firmware, perform a firmware redeploy:
    1. In Toolbox, select Views > Firmware and ECU Programming > Firmware Redeploy.
    2. Select the Service Redeploy tab.
    3. Click the Start Routine button.
- After installation, check operation of replacement door handle.

## Grip - Door - Exterior Handle - Front - LH (Remove and Replace)

FRT No: 11453002

### Removal

1. Remove grip backplat ([refer to procedure](#))
2. Release LED from door grip.
3. Release door grip from fork and remove.



### Installation

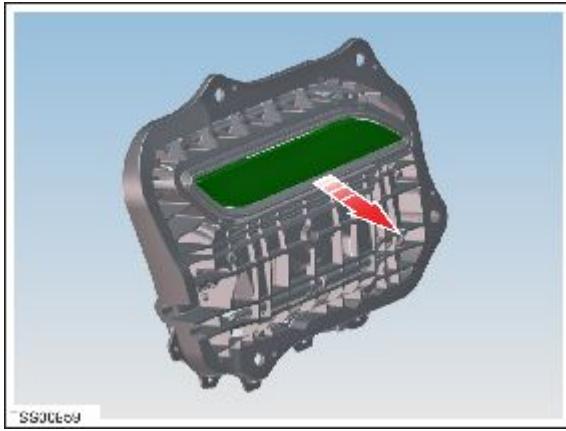
1. Installation procedure is the reverse of removal, except for the following.
2. Install the door grip to the fork and ensure it is fully engaged.
3. Position LED to door grip.
4. Install grip backplate.

## Grip - Door - Exterior Handle - Rear - LH (Remove and Replace)

FRT No: 11453202

### Removal

1. Remove grip backplat ([refer to procedure](#))
2. Release LED from door grip.
3. Remove door grip from fork.



### Installation

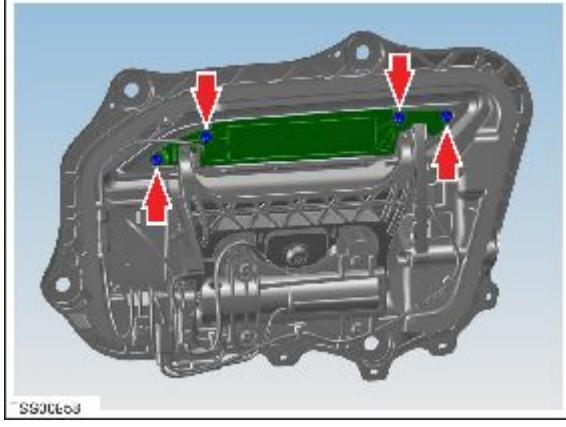
1. Installation procedure is the reverse of removal.
2. Install door grip to fork, ensure it is fully engaged.
3. Install LED to door grip

## Back Plate - Door - Exterior Handle - Front - LH (Remove and Replace)

FRT No: 11454002

### Removal

1. Remove door handle for access ([refer to procedure](#))
2. Position handle assembly on a soft working surface.
3. Remove door handle rear seal.
4. Remove screws (x4) securing handle grip backplate and remove (torque 2 Nm).



### Installation

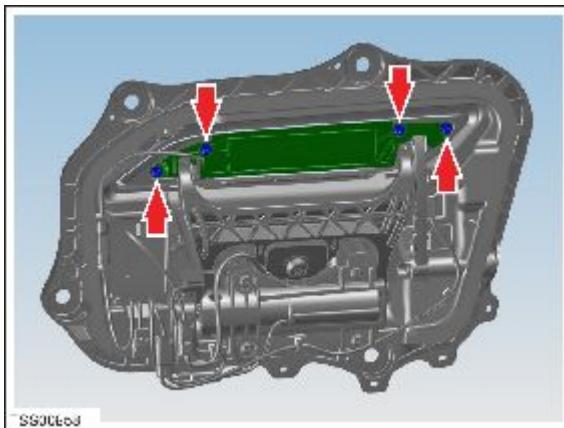
1. Install back plate starting with inner fixings first. Ensure the LED wiring is correctly routed to avoid chafing.
2. Install door handle rear seal.
3. Check door handle for smooth operation.

## Back Plate - Door - Exterior Handle - Rear - LH (Remove and Replace)

FRT No: 11454202

**Removal**

1. Remove door handle for access ([refer to procedure](#))
2. Position handle assembly on a soft working surface.
3. Remove door handle rear seal.
4. Remove screws (x4) securing handle grip backplate (torque 2 Nm).



5. Remove handle.

**Installation**

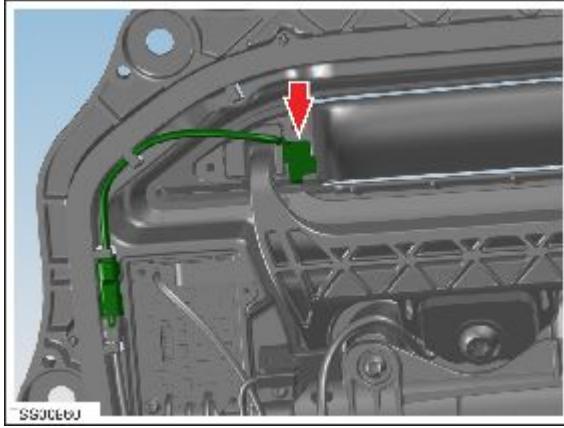
1. Install back plate starting with inner fixings first. Ensure the LED wiring is correctly routed to avoid chafing.
2. Install the door handle back seal
3. Check door handle for smooth operation.

**LED - Door - Exterior Handle - Front - LH (Remove and Replace)**

FRT No: 11454502

**Removal**

1. Remove backplate grip ([refer to procedure](#))
2. Disconnect LED wiring and remove from door grip.

**Installation**

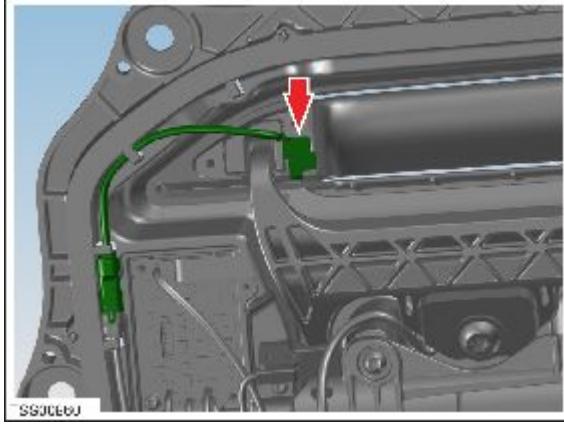
1. Install LED and connect wiring.
2. Install backplate grip.

**LED - Door - Exterior Handle - Rear - LH (Remove and Replace)**

FRT No: 11454702

**Removal**

1. Remove backplate grip ([refer to procedure](#))
2. Disconnect LED wiring and remove from door grip.

**Installation**

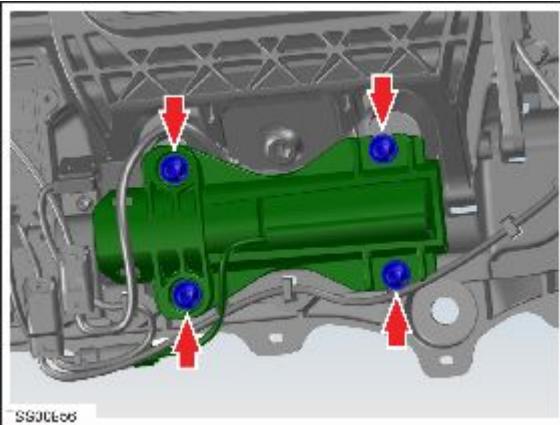
1. Install LED and connect wiring.
2. Install backplate grip.

**Motor - Door - Exterior Handle - Front - LH (Remove and Replace)**

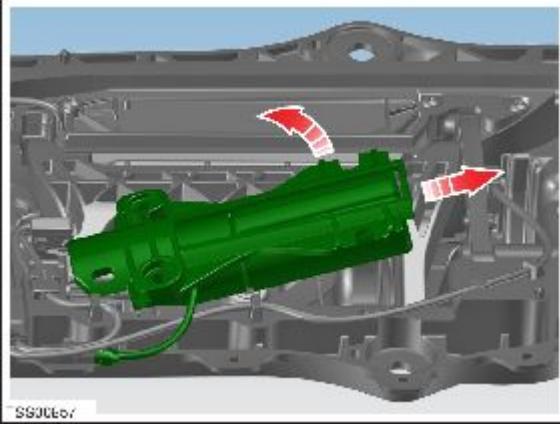
FRT No: 11455002

## Removal

1. Remove door handle for access ([refer to procedure](#))
2. Position handle assembly on a soft working surface.
3. Remove door handle rear seal.
4. Release motor harness connector.
5. Remove cable ties securing door pressure sensor and motor wiring.
6. Release motor wiring connector.
7. Remove screws (x4) securing motor to housing (torque 4 Nm).



8. Release motor from dowels disengage motor gear spigot from housing.



9. Carefully remove motor.
10. Remove screws (x3) securing mounting bracket to motor (torque 1 Nm).
11. Remove bracket from motor.

## Installation

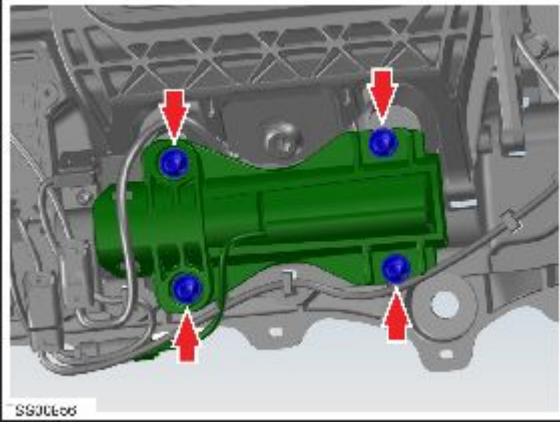
1. Installation procedure is the reverse of removal, except for the following.
2. Install bracket to the motor and secure with screws. Ensure the motor wiring is correctly routed through the bracket.
3. Install motor to housing, locate gear spigot and position on dowels. Secure motor with screws (x4) and connect wiring.
4. Position wiring to housing and secure with cable ties.
5. Install the door handle rear seal.
6. Install door handle to panel.

## Motor - Door - Exterior Handle - Rear - LH (Remove and Replace)

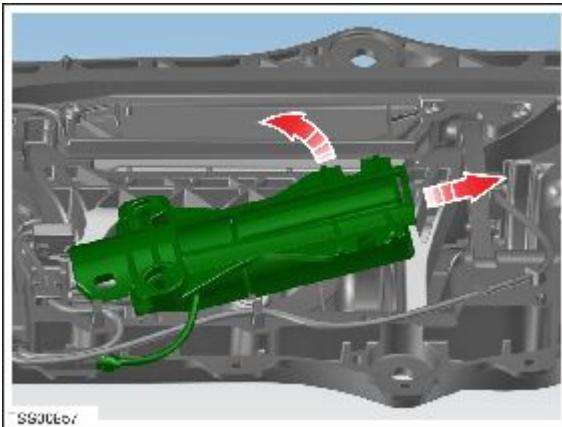
FRT No: 11455202

## Removal

1. Remove door handle for access ([refer to procedure](#))
2. Position handle assembly on a soft working surface.
3. Remove door handle rear seal.
4. Remove cable ties securing door pressure sensor and motor wiring.
5. Release motor wiring connector.
6. Remove screws (x4) securing motor to housing (torque 4 Nm).



7. Release motor from dowels disengage motor gear spigot from housing.



8. Carefully remove motor.
9. Remove screws (x3) securing mounting bracket to motor (torque 1 Nm).
10. Remove bracket from motor.

#### Installation

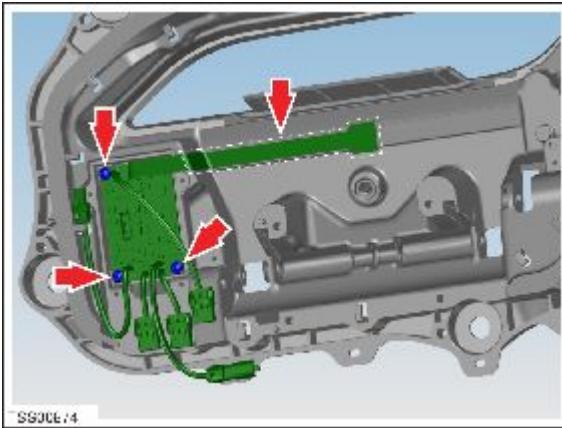
1. Installation procedure is the reverse of removal, except for the following.
2. Install bracket to the motor and secure with screws. Ensure the motor wiring is correctly routed through the bracket.
3. Install motor to housing, locate gear spigot and position on dowels. Secure motor with screws (x4) and connect wiring.
4. Position wiring to housing and secure with cable ties.
5. Install the door handle rear seal.
6. Install door handle to panel.

### PCB - Door - Exterior Handle - Front - LH (Remove and Replace)

FRT No: 11455502

#### Removal

1. Remove fork and control link for acces ([refer to procedure](#))
2. Remove screws (x3) securing PCB to housing (torque 1.5 Nm).



3. Release PCB pressure sensor from housing and disconnect wiring.
4. Remove assembly.

#### Installation

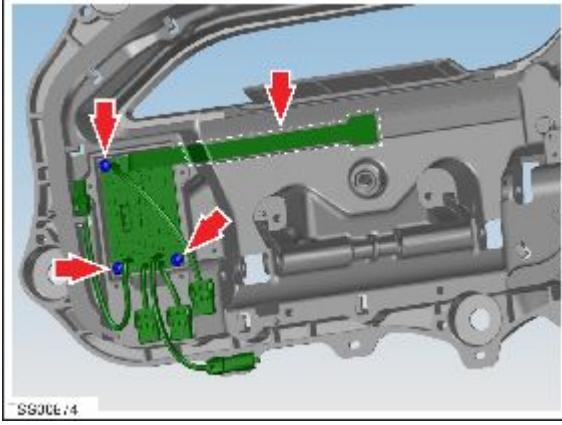
1. Installation procedure is the reverse of removal, except for the following.
2. Clean mating face of PCB touch sensor and housing.
3. Remove adhesive backing strip from sensor and secure to housing.

### PCB - Door - Exterior Handle - Rear - LH (Remove and Replace)

FRT No: 11455702

#### Removal

1. Remove fork and control link for acces ([refer to procedure](#))
2. Remove screws (x3) securing PCB to housing (torque 1.5 Nm).



3. Release PCB pressure sensor from housing and disconnect wiring.
4. Remove assembly.

#### Installation

1. Installation procedure is the reverse of removal, except for the following.
2. Clean mating fact of PCB touch sensor and housing.
3. Position PCB to housing and secure with two screws. Connect the PCB wiring connector.

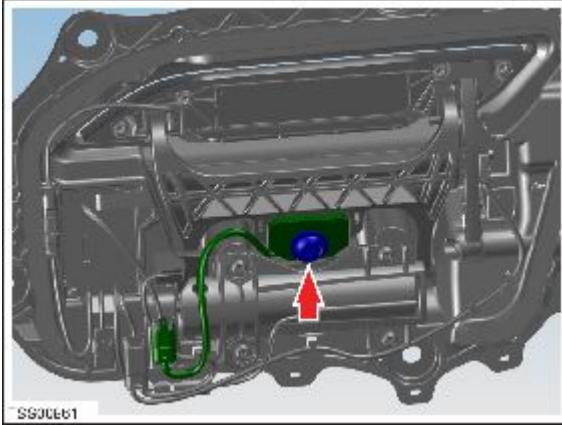
4. Remove adhesive backing strip from sensor and secure to housing.

## Press Sensor - Door - Exterior Handle - Front - LH (Remove and Replace)

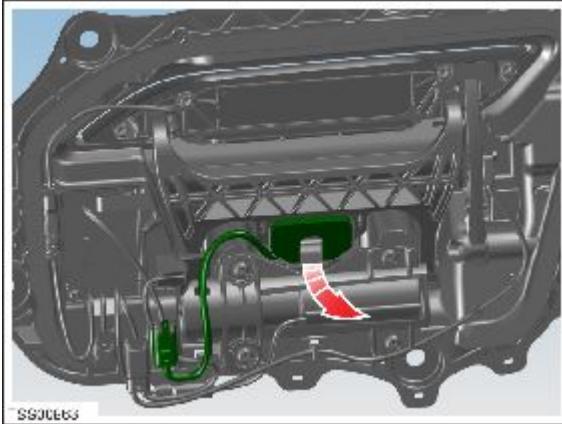
FRT No: 11456002

### Removal

1. Remove door handle for access ([refer to procedure](#))
2. Position handle assembly on a soft working surface.
3. Remove door handle rear seal.
4. Remove cable ties securing door pressure sensor and motor wiring.
5. Release motor harness connector.
6. Remove press sensor screw.



7. Release door press sensor wiring connector.
8. Using a suitable flat blade, release double sided tape and remove the sensor from the fork.



### Installation

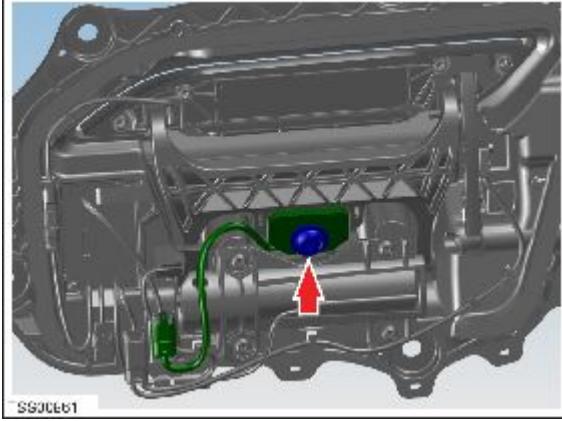
1. Installation procedure is the reverse of removal, except for the following.
2. Clean mating face of fork
3. Remove backing tape from sensor and attach to fork.
4. Install door press sensor fixing screw engaging the first ten threads.

## Press Sensor - Door - Exterior Handle - Rear - LH (Remove and Replace)

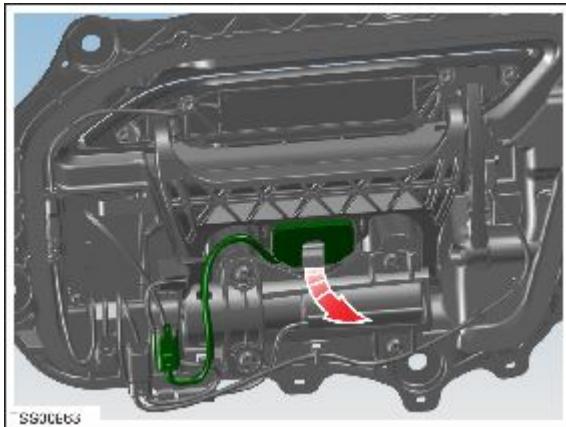
FRT No: 11456202

### Removal

1. Remove door handle for access ([refer to procedure](#))
2. Position handle assembly on a soft working surface.
3. Remove door handle rear seal.
4. Remove cable ties securing door pressure sensor and motor wiring.
5. Remove press sensor screw.



6. Release door press sensor wiring connector.
7. Using a suitable flat blade, release double sided tape and remove the sensor from the fork.



### Installation

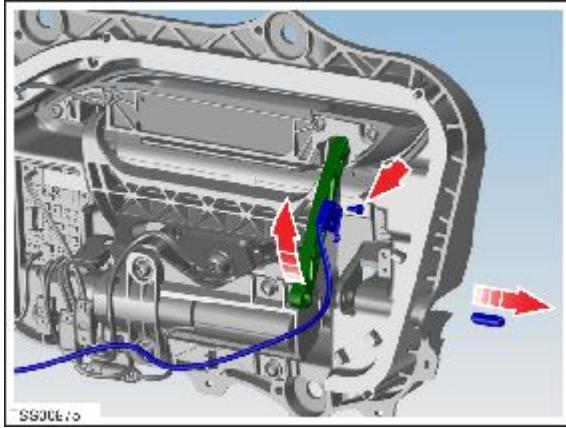
1. Installation procedure is the reverse of removal, except for the following.
2. Clean mating face of fork
3. Remove backing tape from sensor and attach to fork.
4. Install door press sensor fixing screw engaging the first ten threads.

## Position Sensor - Door - Exterior Handle - Front - LH (Remove and Replace)

FRT No: 11456502

### Removal

1. Remove door handle for access ([refer to procedure](#))
2. Remove door handle rear seal.
3. Remove control link pivot pin to allow control link to be released from housing.
4. Position control link and remove screw securing position sensor to link (torque 1 Nm).
5. Remove screw securing position sensor to housing (torque 1.5 Nm).



6. Release wiring harness and remove position sensors (x2).
7. Remove screw securing position sensor to bracket (torque 1 Nm). Remove bracket.

### Installation

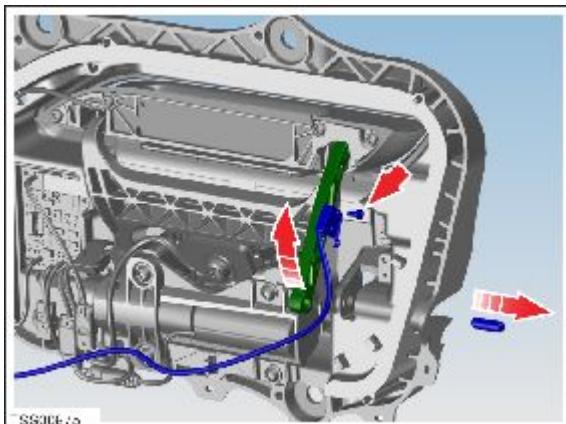
1. Installation procedure is the reverse of removal, except for the following.
2. Position all wiring around the housing and secure as necessary with cable ties.

## Position Sensor - Door - Exterior Handle - Rear - LH (Remove and Replace)

FRT No: 11456702

### Removal

1. Remove door handle for access ([refer to procedure](#))
2. Remove door handle rear seal.
3. Remove control link pivot pin to allow control link to be released from housing.



4. Position control link and remove screw securing position sensor to link (torque 1 Nm).
5. Remove screw securing position sensor to housing (torque 1.5 Nm).
6. Release position sensor wiring and remove position sensor assembly.
7. Remove screw securing position sensor to bracket and remove bracket (torque 1 Nm).

### Installation

1. Installation procedure is the reverse of removal, except for the following.
2. Install the bracket to position sensor and secure with screw. Ensure the sensor dowel is correctly aligned to the bracket.
3. Install and align position sensors and harness to housing and control link. Align position sensor dowels and fit screws.

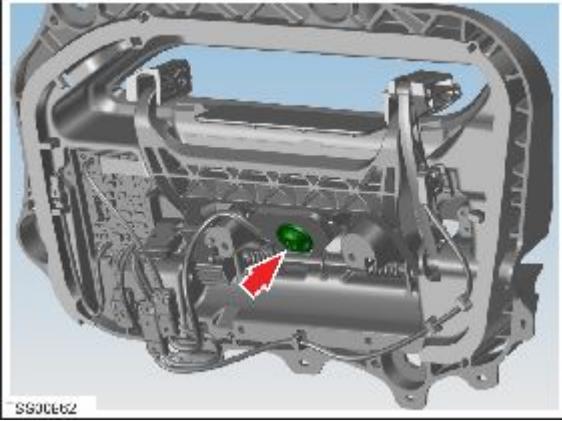
4. Align control link to housing and fit pivot pin.
5. Position all wiring around housing and secure with cable ties.

## Fork and Control Link - Door - Exterior Handle - Front - LH (Remove and Replace)

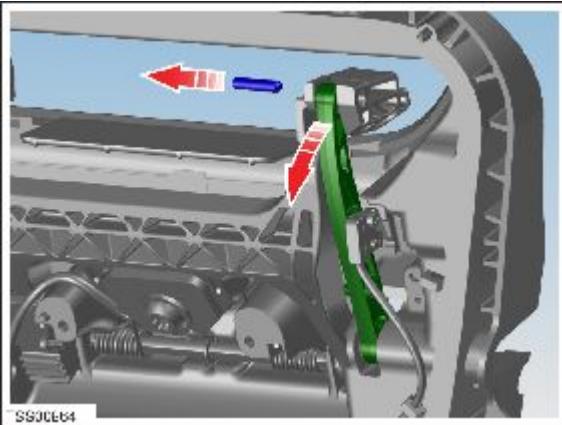
FRT No: 11457002

### Removal

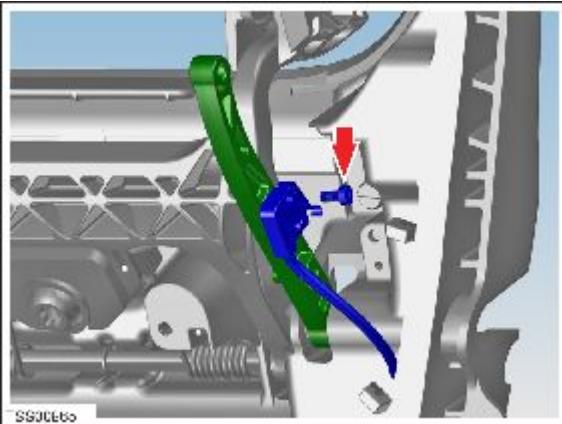
1. Remove Door Moto ([refer to procedure](#))
2. Remove Door Gri ([refer to procedure](#))
3. Remove press sensor screw.



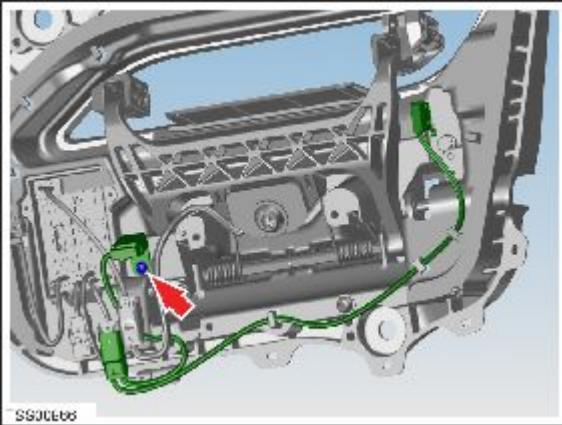
4. Release door press sensor wiring connector.
5. Remove pivot pin connecting control link to PVT cartridge.



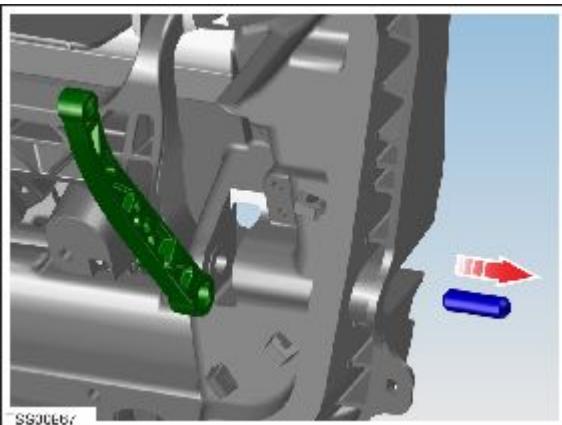
6. Position control link and remove screw securing position sensor to link (torque 1 Nm).



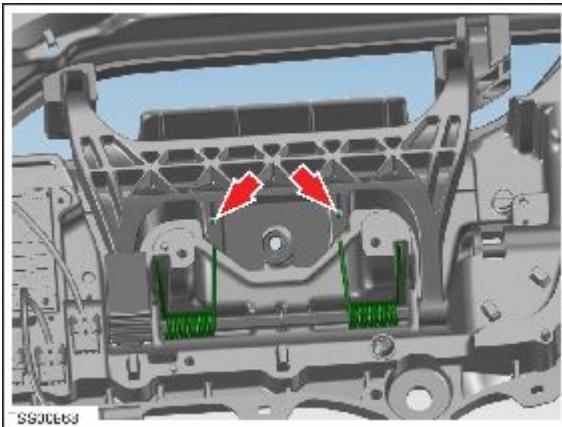
7. Remove screw securing position sensor to housing, release connector and remove position sensor and harness assembly (torque 1.5 Nm).



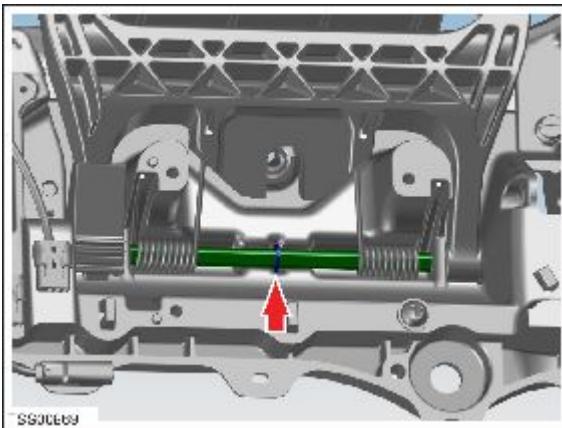
8. Remove control link pivot pin to housing and remove control link.



9. Release torsion springs (x2) from fork.

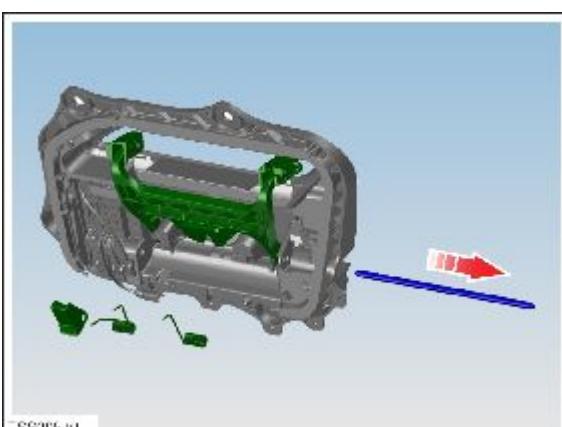


10. Remove circlip retaining fork pivot shaft.



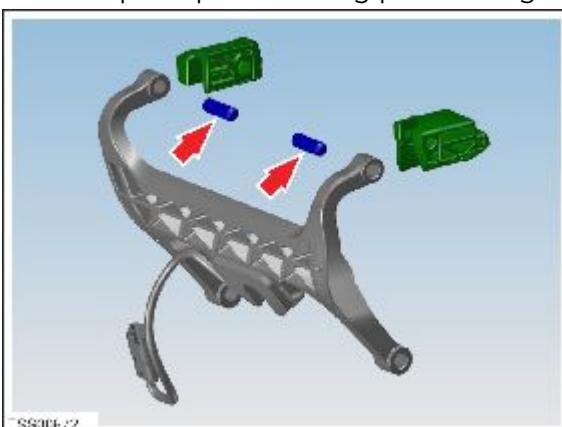
11. Using a suitable drift, remove fork pivot shaft, collect torsion springs and paddle gear.

**Note:** DO NOT use excessive force to fit the pivot shaft. If all components are correctly aligned, firm hand pressure on a drift will be sufficient.

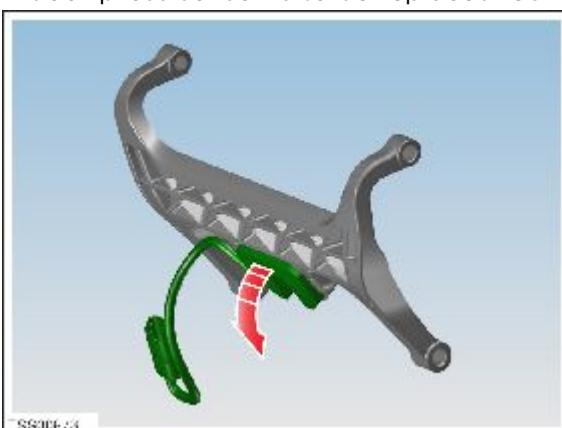


12. Remove fork assembly from housing.

13. Remove pivot pins securing pvt cartridges to fork, taking note of installed position. Remove cartridges.



14. If door press sensor is to be replaced. Using a suitable flat blade, release double sided tape and remove sensor from the fork.



## Installation

1. If door pressure sensor is to be replaced, remove double sided tape backing and install sensor to fork.
2. Install the PVT cartridges to the fork and fit pivot pins. Check orientation of cartridges.
3. Position paddle gear to fork and install fork to housing.
4. Install torsion springs to housing.
5. Install the fork pivot shaft, ensuring the flat section is uppermost. Align the paddle gear, springs and fork to housing as pivot is inserted.   
**Note:** DO NOT use excessive force to fit the pivot shaft. If all components are correctly aligned, firm hand pressure on a drift will be sufficient.
6. Install circlip retaining fork pivot shaft and engage the torsion springs to fork.
7. Position and align control link to housing, ensure orientation is correct. Install pivot pin to control link.
8. Align harness and position sensors to housing control link. Align position sensor dowels and install the screws.

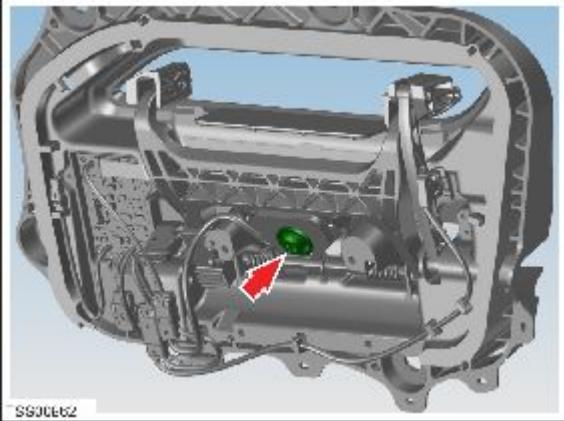
9. Align control link to PVT cartridge and fit pivot pin
10. Install the door press sensor, adjusting the screw to engage the first ten threads.

## Fork and Control Link - Door - Exterior Handle - Rear - LH (Remove and Replace)

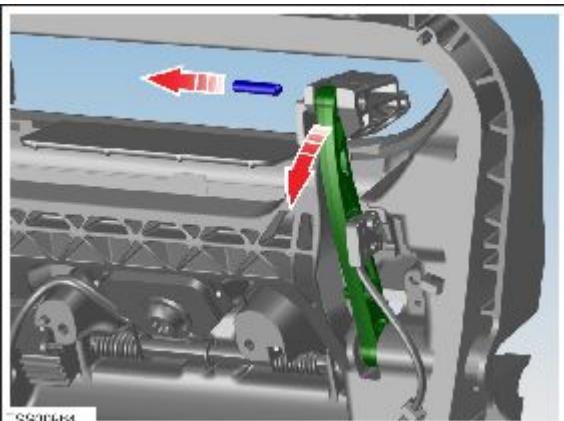
FRT No: 11457202

### Removal

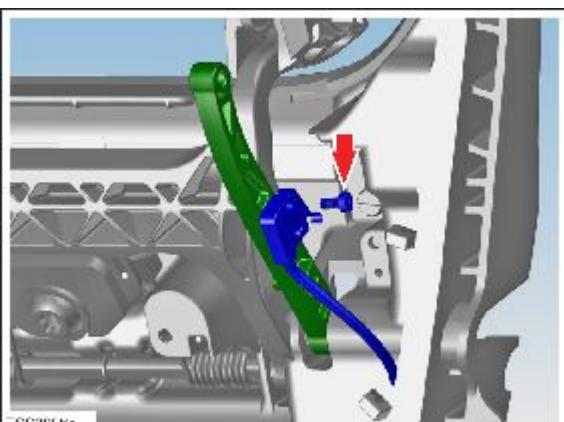
1. Remove Door Moto ([refer to procedure](#))
2. Remove Door Gri ([refer to procedure](#))
3. Remove press sensor screw.



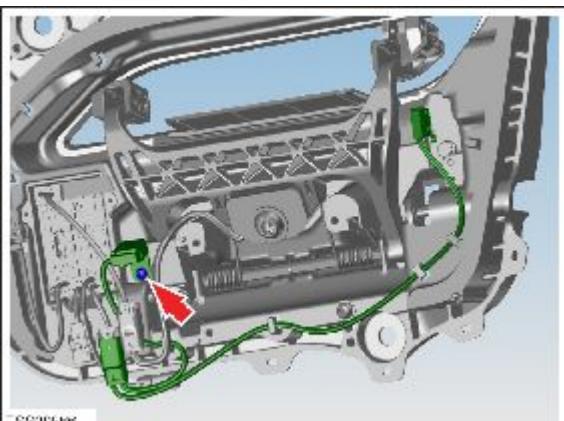
4. Release door press sensor wiring connector.
5. Remove pivot pin connecting control link to PVT cartridge.



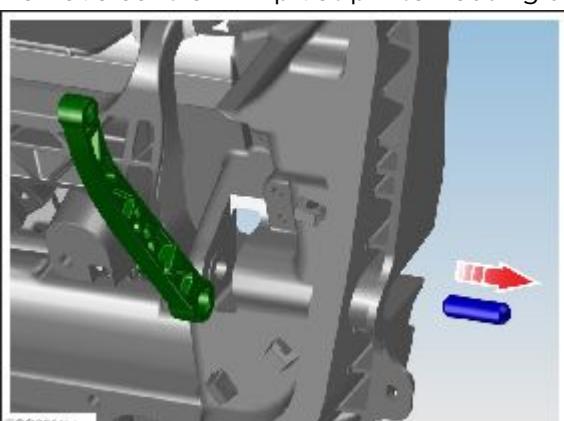
6. Position control link and remove screw securing position sensor to link (torque 1 Nm).



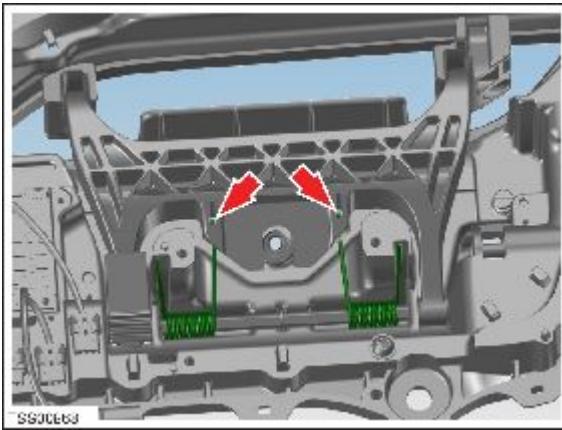
7. Remove screw securing position sensor to housing, release connector and remove position sensor and harness assembly (torque 1.5 Nm).



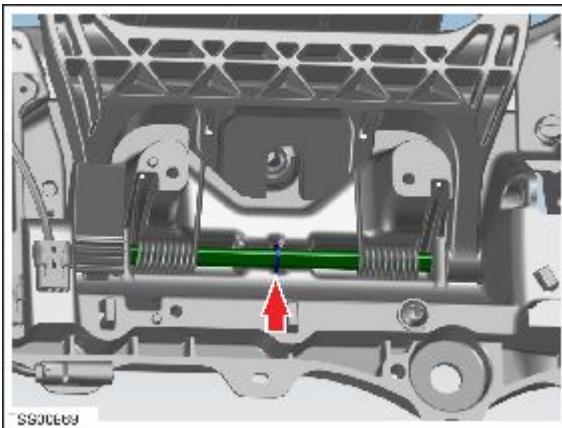
8. Remove control link pivot pin to housing and remove control link.



9. Release torsion springs (x2) from fork.

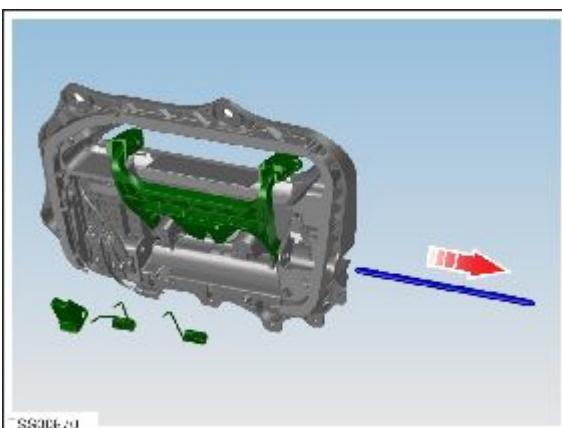


10. Remove circlip retaining fork pivot shaft.



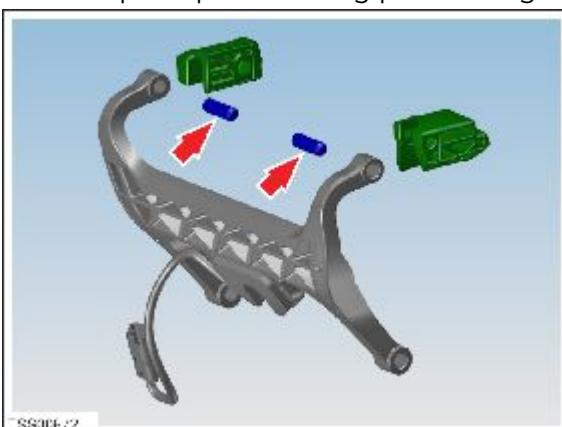
11. Using a suitable drift, remove fork pivot shaft, collect torsion springs and paddle gear.

**Note:** DO NOT use excessive force to fit the pivot shaft. If all components are correctly aligned, firm hand pressure on a drift will be sufficient.

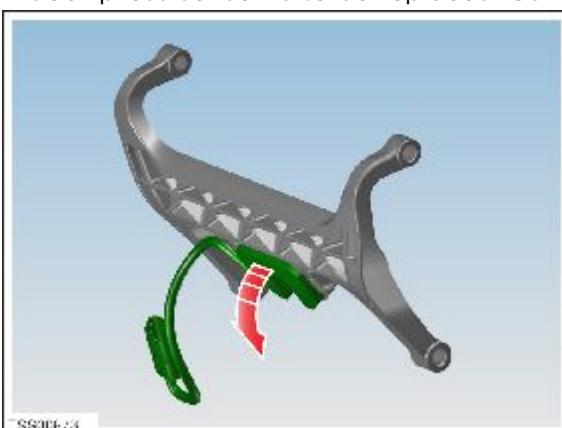


12. Remove fork assembly from housing.

13. Remove pivot pins securing pvt cartridges to fork, taking note of installed position. Remove cartridges.



14. If door press sensor is to be replaced. Using a suitable flat blade, release double sided tape and remove sensor from the fork.



## Installation

1. If door pressure sensor is to be replaced, remove double sided tape backing and install sensor to fork.
2. Install the PVT cartridges to the fork and fit pivot pins. Check orientation of cartridges.
3. Position paddle gear to fork and install fork to housing.
4. Install torsion springs to housing.
5. Install the fork pivot shaft, ensuring the flat section is uppermost. Align paddle gear, springs and fork to housing as pivot is inserted.   
**Note:** DO NOT use excessive force to fit the pivot shaft. If all components are correctly aligned, firm hand pressure on a drift will be sufficient.
6. Install the circlip retaining fork pivot shaft and engage the torsion springs to fork.
7. Position and align control link to housing, ensure orientation is correct. Install the pivot pin to control link.
8. Align harness and position sensors to housing control link. Align position sensor dowels and fit screws.

9. Align control link to PVT cartridge and fit pivot pin
10. Install the door press sensor adjusting screw engage the first ten threads.

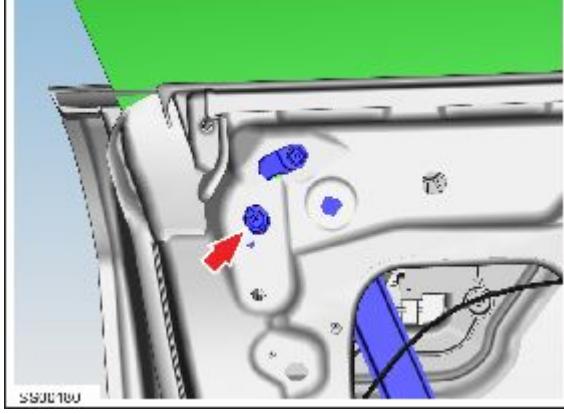
## Door Glass - LH - Front - Adjust

FRT No: 11500100

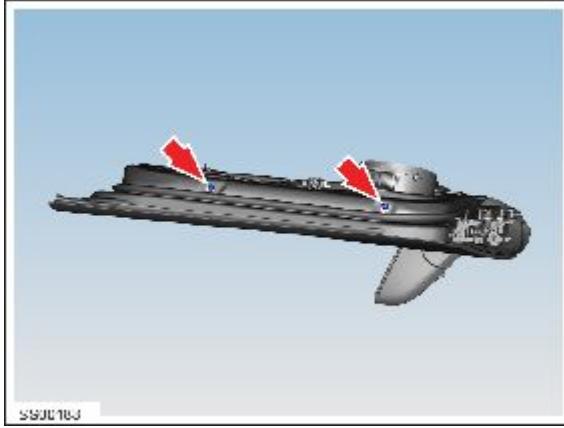
### Removal

1. Remove door trim pad ([refer to procedure](#))
2. Loosen but do not remove clamp nut securing door glass to regulator (torque 7.5 Nm). This allows glass to move fore and aft.

**Caution:** Take care not to damage component(s).



3. Remove plugs (x2) from bottom of door covering regulator adjustment nuts
4. Loosen nuts (x2) securing regulator adjustment, inboard and outboard to seal (torque 10 Nm).



5. Align door glass to create best fit condition, torque tighten glass clamp and regulator lower adjusters.

### Installation

1. Installation procedure is the reverse of removal, except for the following:
2. Cover openings with waterproof adhesive tape.
3. Check glass for smoothness of operation and seating to body opening seals, re-adjust if necessary.

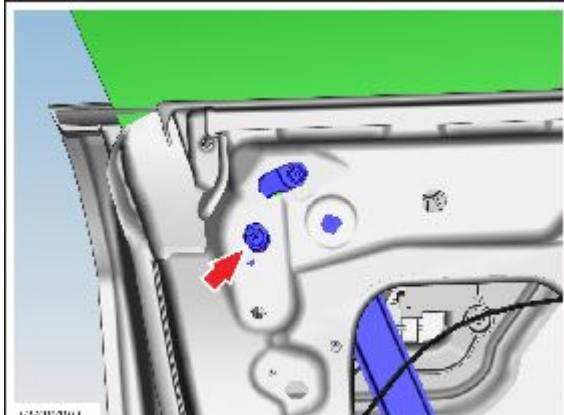
## Door Glass - LH - Front (Remove and Replace)

FRT No: 11500102

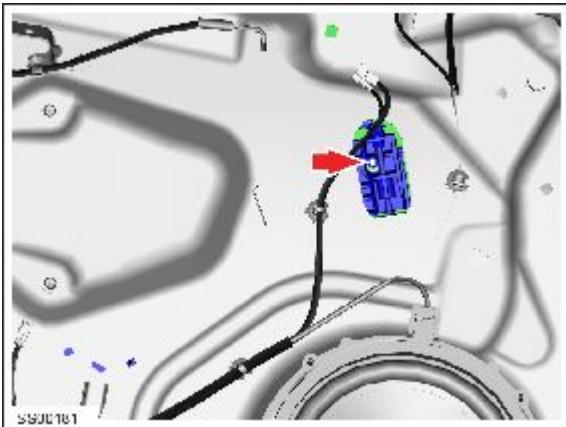
### Removal

1. Remove door inner belt glass seal ([refer to procedure](#))
2. Loosen but do not remove clamp nut securing door glass to regulator (torque 7.5 Nm).

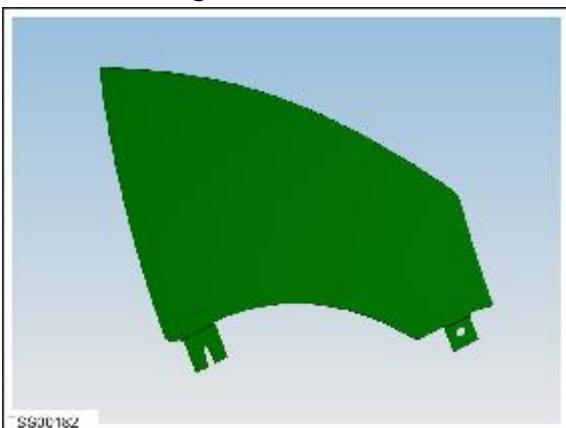
**Caution:** Take care not to damage component(s).



3. Lower door glass and align with opening in door panel.
4. Remove adhesive patch from glass retainer access opening.
5. Using a suitable tool, depress clip and pull leading edge of glass vertically to release from regulator clip.



6. Remove door glass.



## Installation

1. Installation procedure is the reverse of removal, except for the following:
2. Cover openings with waterproof adhesive tape.
3. Check window alignment and adjust if necessary.

## Door Glass - LH - Rear - Adjust

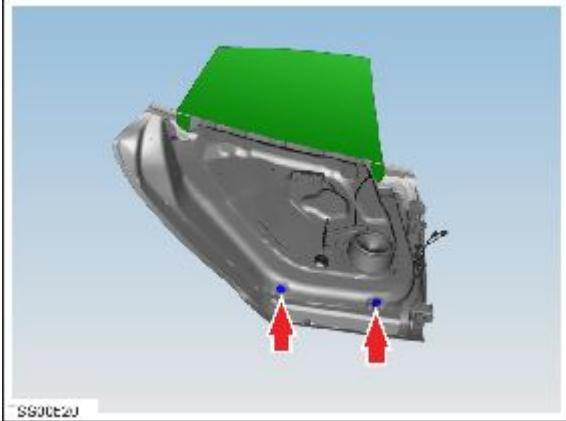
FRT No: 11500300

### Removal

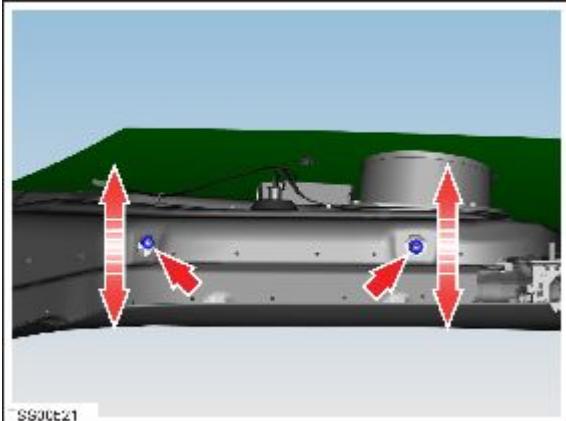
1. Remove door trim pad ([refer to procedure](#))
2. Partially lower glass for access to glass clamp.
3. Remove water proof tape for access to adjustment clamp.
4. Loosen but do not remove clamp nut securing door glass to regulator (torque 7.5 Nm). This allows glass to move fore and aft.

**Caution:** Take care not to damage component(s).

5. Remove plugs (x2) from bottom of door covering regulator adjustment nuts



6. Loosen nuts (x2) securing regulator adjustment, inboard and outboard to seal (torque 10 Nm).



7. Align door glass to create best fit condition, torque tighten glass clamp and regulator lower adjusters.

### Installation

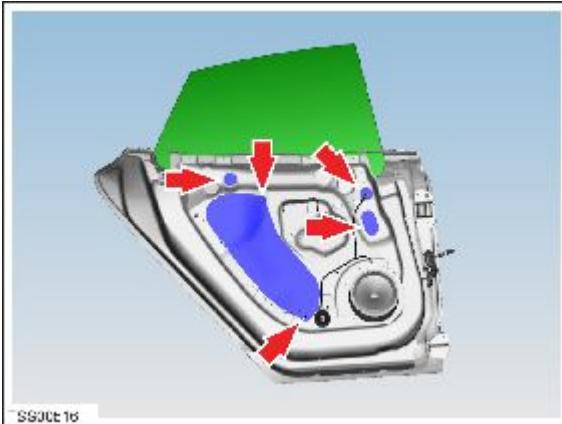
1. Installation procedure is the reverse of removal, except for the following:
2. Cover openings with waterproof adhesive tape.
3. Check glass for smoothness of operation and seating to body opening seals, re-adjust if necessary.

## Door Glass - LH - Rear (Remove and Replace)

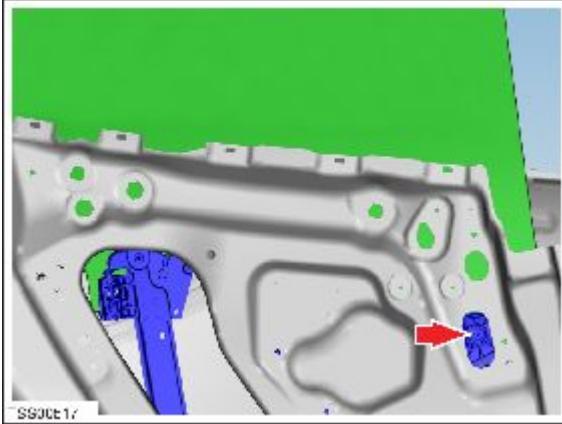
FRT No: 11500302

## Removal

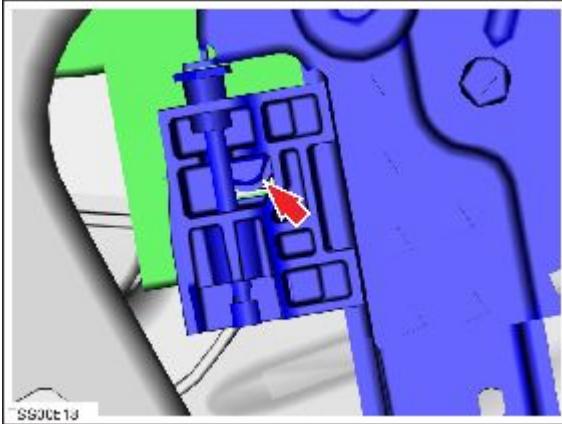
1. Remove door inner belt glass seal ([refer to procedure](#))
2. Remove adhesive patches (x3) from glass access openings.
3. Remove screws (x2) securing door access panel (torque 4 Nm).
4. Remove access panel.



5. Lower door glass and align with opening in door panel.
6. Loosen but do not remove clamp nut securing door glass to regulator (torque 7.5 Nm).



7. Using a suitable tool, depress clip and pull leading edge of glass vertically to release from regulator clip.



8. Remove door glass.

## Installation

1. Installation procedure is the reverse of removal, except for the following:
2. Cover all door panel openings with waterproof adhesive tape.
3. Check window alignment and adjust if necessary.

## Door Glass - RH - Rear - Adjust

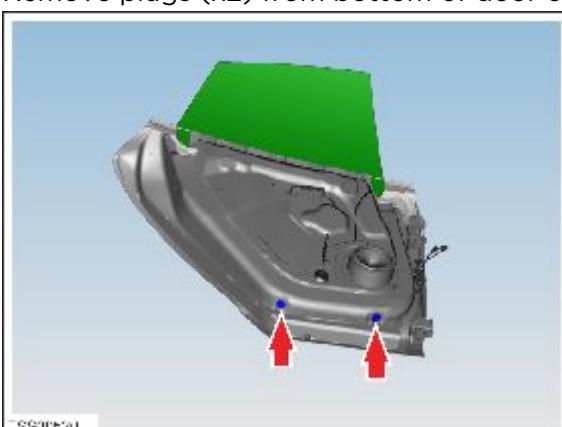
FRT No: 11500400

## Removal

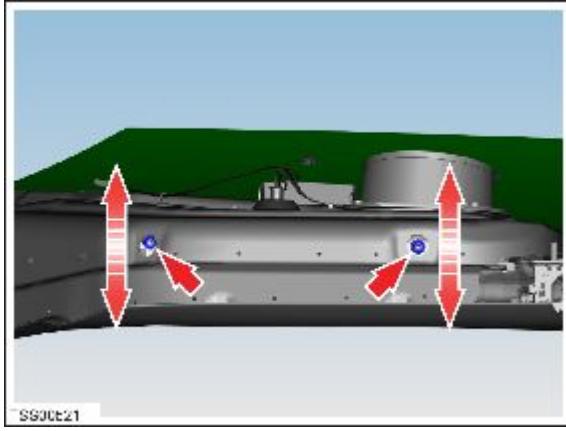
1. Remove door trim pad ([refer to procedure](#))
2. Partially lower glass for access to glass clamp.
3. Remove water proof tape for access to adjustment clamp.
4. Loosen but do not remove clamp nut securing door glass to regulator (torque 7.5 Nm). This allows glass to move fore and aft.

**Caution:** Take care not to damage component(s).

5. Remove plugs (x2) from bottom of door covering regulator adjustment nuts



6. Loosen nuts (x2) securing regulator adjustment, inboard and outboard to seal (torque 10 Nm).



7. Align door glass to create best fit condition, torque tighten glass clamp and regulator lower adjusters.

#### Installation

1. Installation procedure is the reverse of removal, except for the following:
2. Cover openings with waterproof adhesive tape.
3. Check glass for smoothness of operation and seating to body opening seals, re-adjust if necessary.

### Window Guide Rail - Front - LH (Remove and Replace)

FRT No: 11501002

#### Removal

1. Remove front quarter body glass ([refer to procedure](#))
2. Removal of the front quarter glass also removes front window guide rail.

 **Caution:** Take care not to damage component(s).

#### Installation

Installation procedure is the reverse of removal.

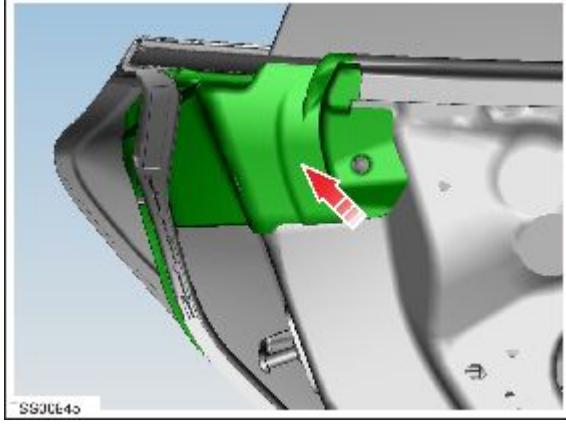
### Window Guide Rail - Rear - LH (Remove and Replace)

FRT No: 11501202

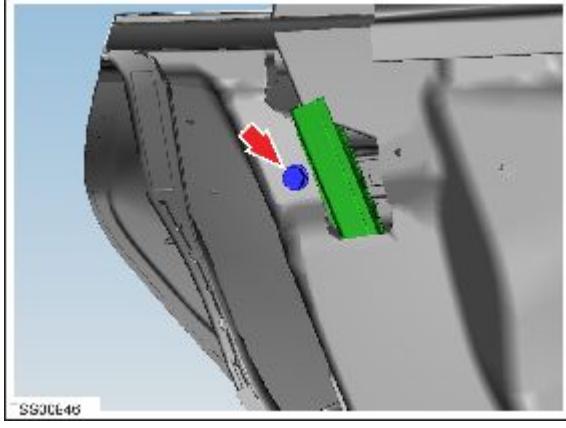
**Note:** This part has been deleted starting with VIN 5YJSA1DP9CFS00528, and is not found on vehicles built after October 11, 2012.

#### Removal

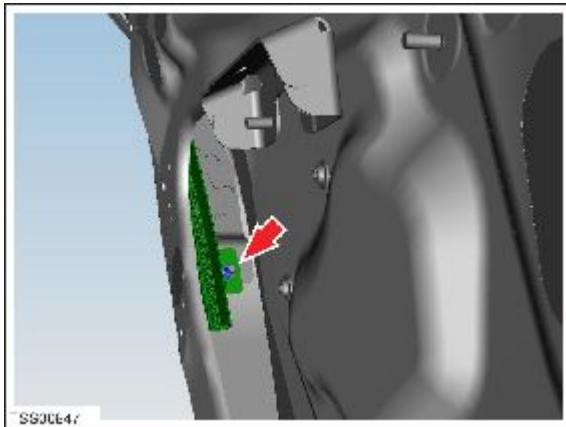
1. Raise door glass.
2. Remove door trim pad ([refer to procedure](#))
3. Remove clip securing door seal and reposition door seal for access.



4. Remove bolt securing window guide to door (torque 11 Nm). NOTE: Seal removed for clarity.



5. Remove nut securing window guide to door and remove guide (torque 11 Nm).



## Installation

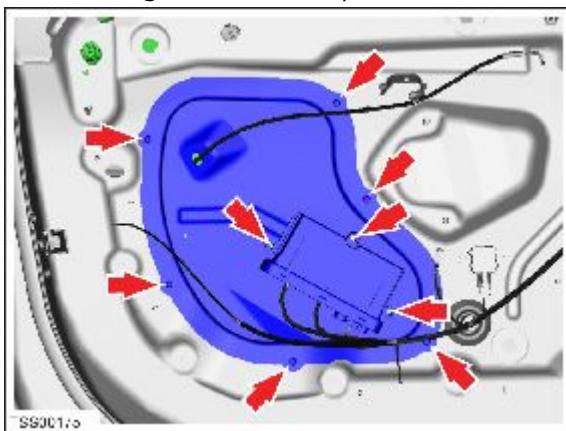
Installation procedure is the reverse of removal.

## Window Motor/Regulator Assembly - Front - LH (Remove and Replace)

FRT No: 11502002

### Removal

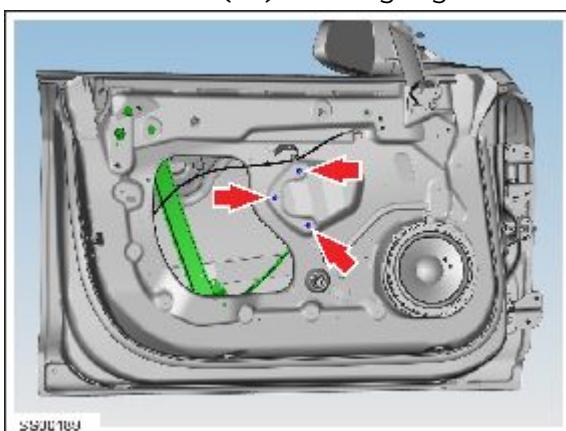
1. Remove window glass ([refer to procedure](#))
2. Remove bolts (x3) securing door control unit to door and tie aside (torque 1 Nm).
3. Remove screws (x6) securing regulator closing panel to door inner (torque 4 Nm).
4. Release regulator access panel and tie aside.



5. Remove waterproof tape to expose nuts.
6. Remove nuts (x2) securing regulator to door upper fixed mounting (torque 10 Nm).



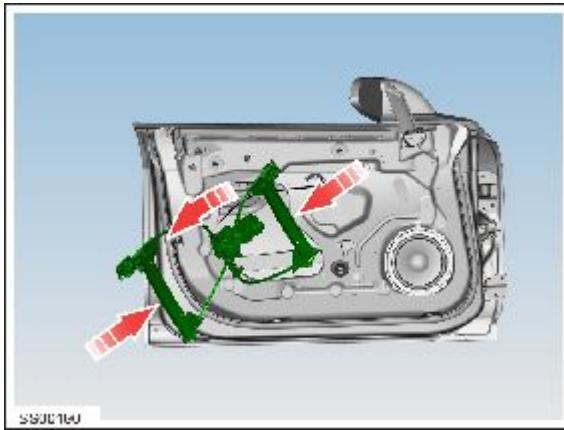
7. Remove plugs (X2) to expose nuts in lower edge of door.
8. Remove nuts (x2) securing regulator to door lower adjustable mounting (torque 10 Nm).
9. Remove screws (x3) securing regulator motor to door inner (torque 2.4 Nm).



10. Carefully collapse regulator assembly and withdraw through door opening. As soon as the wiring harness connection to the motor can be accessed, disconnect to prevent possible harness damage.

**Caution:** Take care not to damage component(s).

11. Remove regulator assembly from vehicle.



### Installation

1. Installation procedure is the reverse of removal.
2. Set regulator to witness marks from previous installation.
3. Align glass to seals.

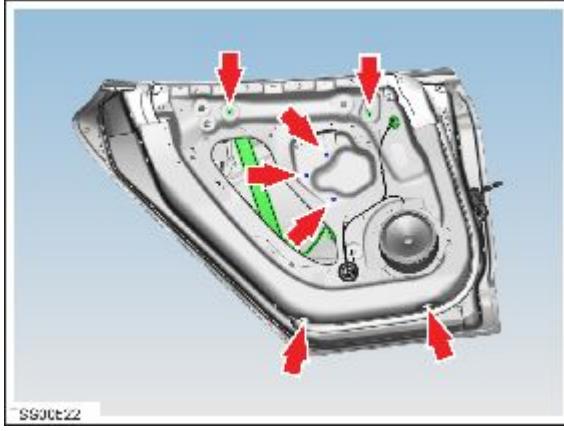
## Window Motor/Regulator Assembly - Rear - LH (Remove and Replace)

FRT No: 11502202

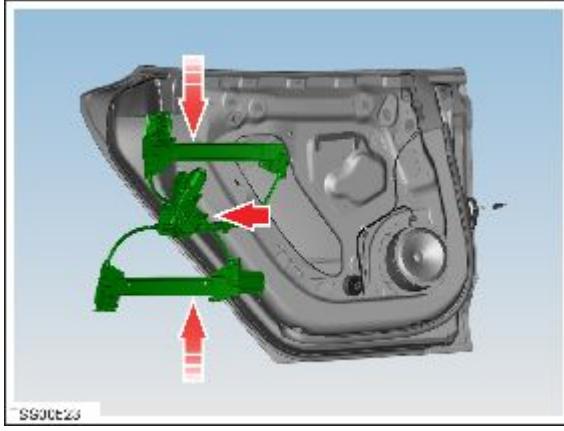
### Removal

1. Remove rear window glass ([refer to procedure](#))
2. Remove waterproof tape to expose nuts.
- Note:** Components have been removed in this graphic to aid clarity.
3. Remove nuts (x2) securing regulator to door upper fixed mounting (torque 10 Nm).
4. Remove plugs (X2) to expose nuts in lower edge of door.
5. Remove nuts (x2) securing regulator to door lower adjustable mounting (torque 10 Nm).
6. Remove screws (x3) securing regulator motor to door inner (torque 2.4 Nm).

**Caution:** Take care not to damage component(s).



7. Carefully collapse regulator assembly and withdraw through door opening. As soon as the wiring harness connection to the motor can be accessed, disconnect to prevent possible harness damage.
8. Remove regulator assembly from vehicle.



### Installation

1. Installation procedure is the reverse of removal.
2. Set regulator to witness marks from previous installation.
3. Align glass to seals.

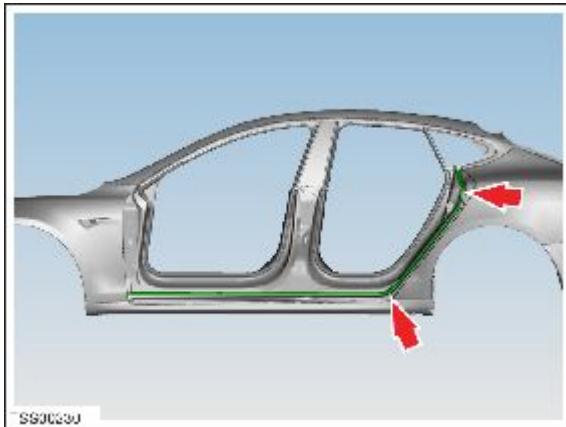
## Seal - Body - Side - Rear - Secondary - LH (Remove and Replace)

FRT No: 11700102

### Removal

1. Open both side doors.
2. Remove and discard seal. Note: Seal is bonded to body removal will result in seal destruction.

**Note:** Components have been removed in this graphic to aid clarity.



3. Remove all traces of seal from body.

## Installation

1. Spirit wipe body and remove all adhesive residue.
2. Carefully remove adhesive protection strips from new seal.
3. With assistance align top rear end of seal to body.
4. Secure rear clip to locate seal.
5. With assistance bond seal adhesive to body.
6. Secure second clip when appropriate

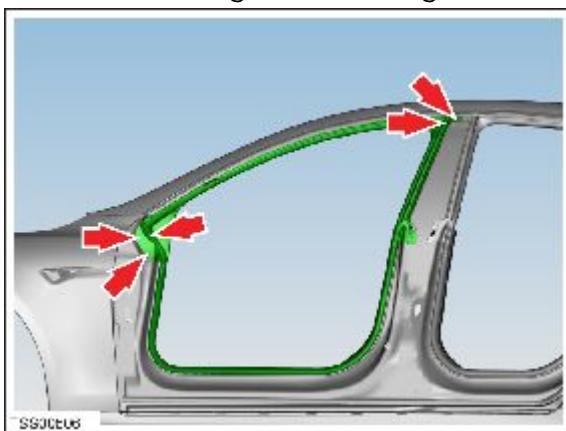
**Caution:** Only apply new adhesive seals when the vehicle is at workshop temperature.

## Seal - Body - Side - Front - Primary - LH (Remove and Replace)

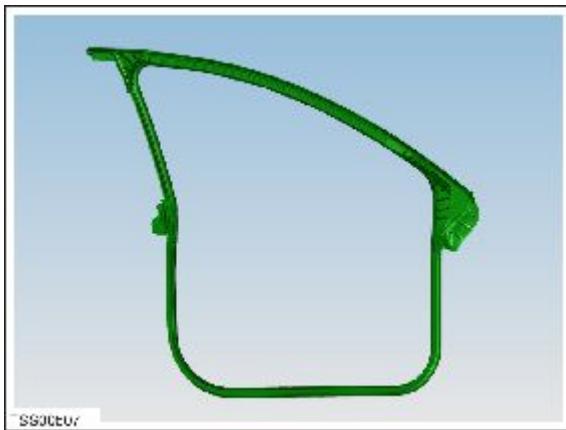
FRT No: 11700302

### Removal

1. Remove 'B' post upper tri ([refer to procedure](#))
2. Release clips (x3) securing leading edge of seal to body.
3. **Caution:** Take care not to damage component(s).
4. **Caution:** Protect exterior paint surfaces during this procedure.
5. Note: Components have been removed in this graphic to aid clarity.
6. Release clips (x2) securing upper trailing edge of seal to body.
7. Carefully release seal from rocker panel and work toward upper section of seal.
8. Release remaining seal from brightwork.



9. Remove seal.



## Installation

1. Installation procedure is the reverse of removal.
2. Locate seal end stop into brightwork, then install clips to obtain correct seal alignment

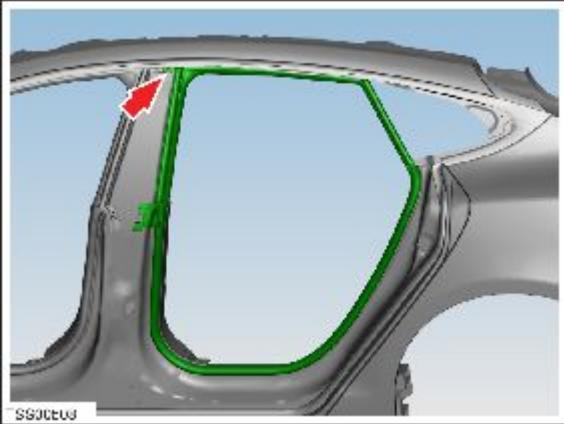
## Seal - Body - Side - Rear - Primary - LH (Remove and Replace)

FRT No: 11700502

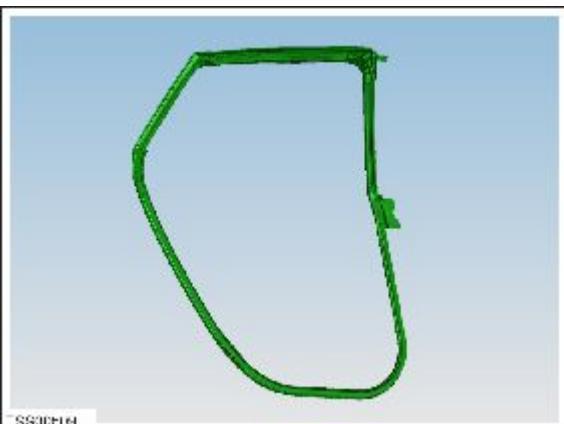
### Removal

1. Remove 'B' post upper trim ([refer to procedure](#))
2. Release clip (x1) securing rear door seal to body.
3. Carefully release seal from rocker panel and work toward upper section of seal.

4. Release remaining seal from brightwork.



5. Remove seal.



## Installation

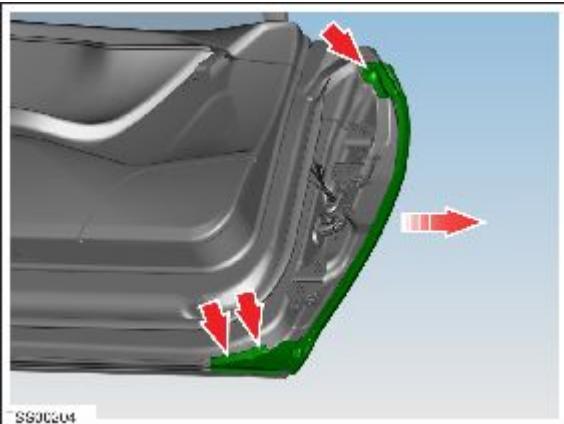
Installation procedure is the reverse of removal.

## Seal - Door - Front - A Pillar - Margin - LH (Remove and Replace)

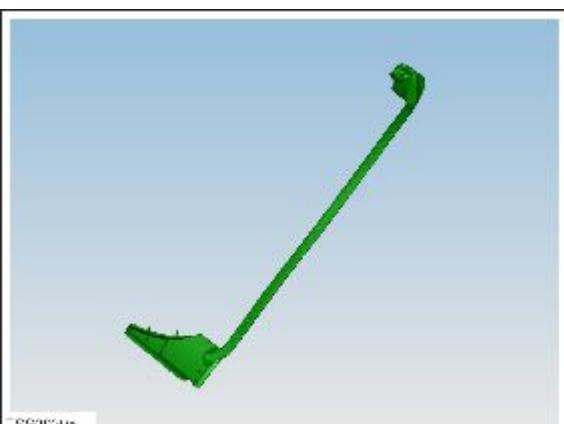
FRT No: 11700702

### Removal

1. Open vehicle door, ensuring good access.
2. Carefully release clip (x1) securing top of flap seal to door.  
**Caution:** Take care not to damage component(s).
3. Carefully release clips (x2) securing lower end of flap seal to door.
4. Release remaining seal to front edge of door.



5. Remove door seal.



## Installation

Installation procedure is the reverse of removal.

**Note:** Clean the affected areas before installation.

## Seal - Door- Front - Rocker - LH (Remove and Replace)

FRT No: 11700902

**Warning:** If the vehicle has air suspension, activate "Jack" mode on the touchscreen before raising and supporting the vehicle.

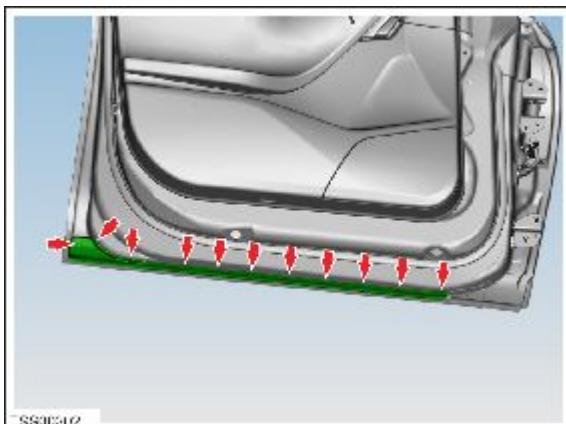
## Removal

1. Raise and support the vehicle ([refer to procedure](#))
2. Open door.
3. Carefully release clips (x11) securing lower seal to door assembly.

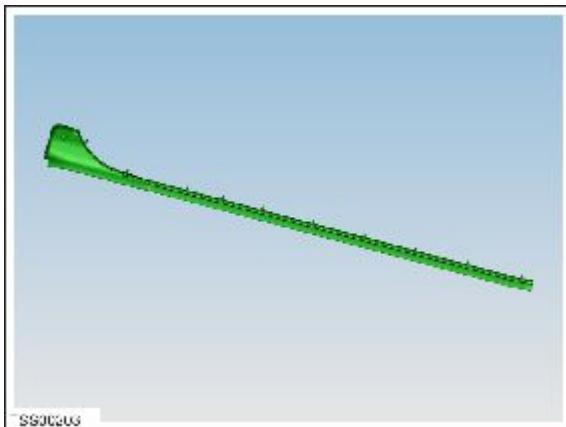
**⚠ Warning:** To avoid personal injury, eye protection must be worn when performing this operation.

**⚠ Caution:** Take care not to damage component(s).

**Note:** Components have been removed in this graphic to aid clarity.



4. Remove lower door seal.



## Installation

Installation procedure is the reverse of removal.

**Note:** Clean the affected areas before installation.

## Seal - Door - Front - LH (Remove and Replace)

FRT No: 11701102

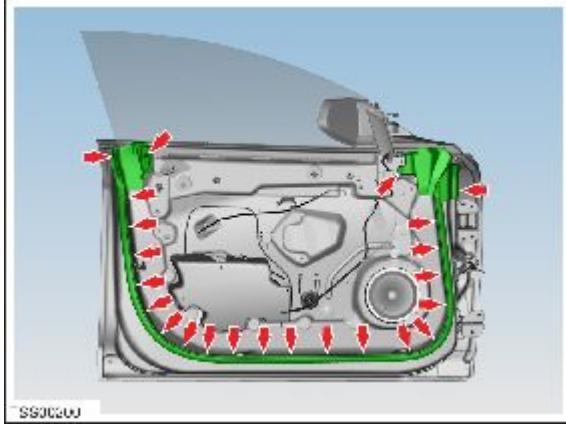
## Removal

1. Remove door trim ([refer to procedure](#))
2. Release clips (x4) securing flap seal ends front and rear.

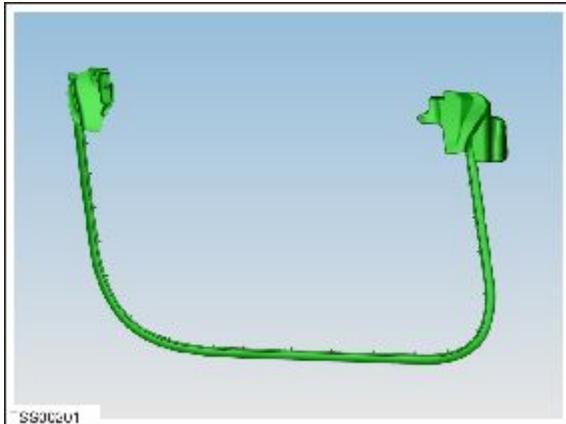
**Note:** Components have been removed in this graphic to aid clarity.

**⚠ Caution:** Take care not to damage component(s).

3. Carefully release remaining clips (x19).



4. Remove door seal.



## Installation

Installation procedure is the reverse of removal.

**Note:** Clean the affected areas before installation.

## Seal - Door - Rear - C Pillar - Margin - LH (Remove and Replace)

FRT No: 11701302

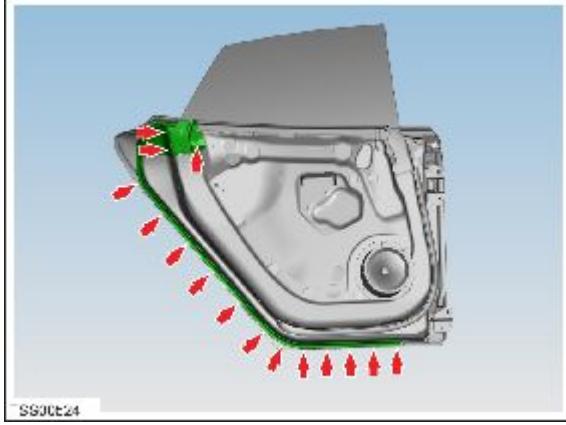
### Removal

1. Remove door trim ([refer to procedure](#))
2. Release clips (x3) securing flap seal end to door.

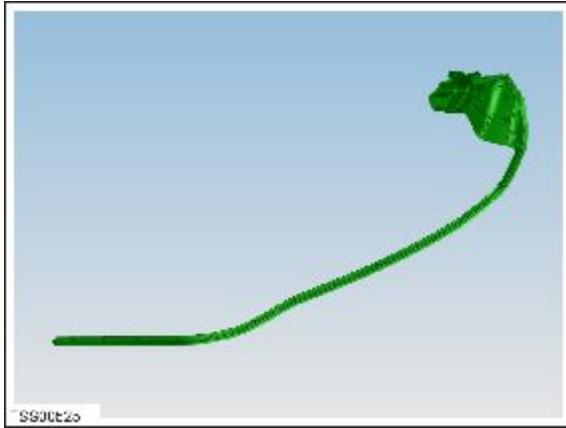
**Note:** Components have been removed in this graphic to aid clarity.

**Caution:** Take care not to damage component(s).

3. Carefully release remaining clips (x13).



4. Remove door seal.



### Installation

Installation procedure is the reverse of removal.

**Note:** Clean the affected areas before installation.

## Seal - Rear Door - LH (Remove and Replace)

FRT No: 11701502

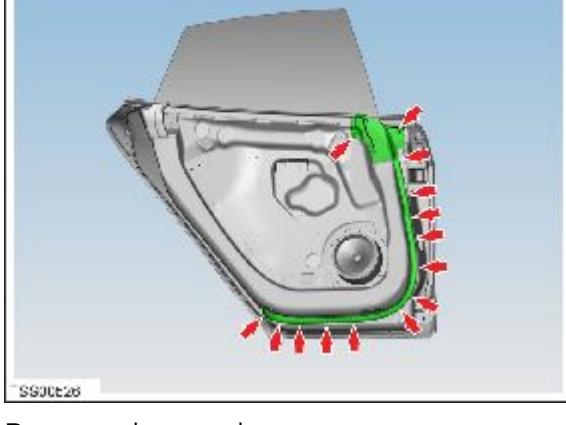
### Removal

1. Remove door trim ([refer to procedure](#))
2. Release clips (x2) securing flap seal end to door.

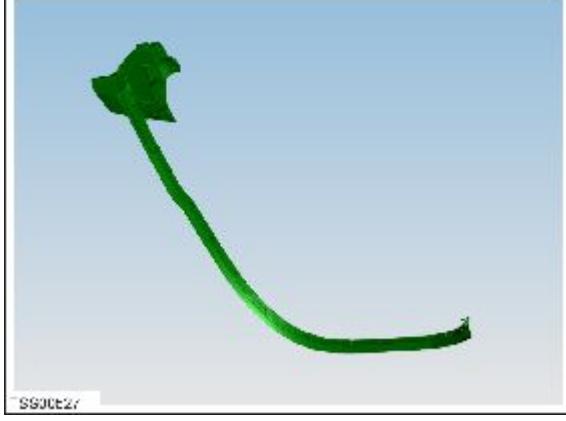
**Note:** Components have been removed in this graphic to aid clarity.

**Caution:** Take care not to damage component(s).

3. Carefully release remaining clips (x12).



4. Remove door seal.



**Installation**

Installation procedure is the reverse of removal.

**Note:** Clean the affected areas before installation.

**Seal - Hood (Remove and Replace)**

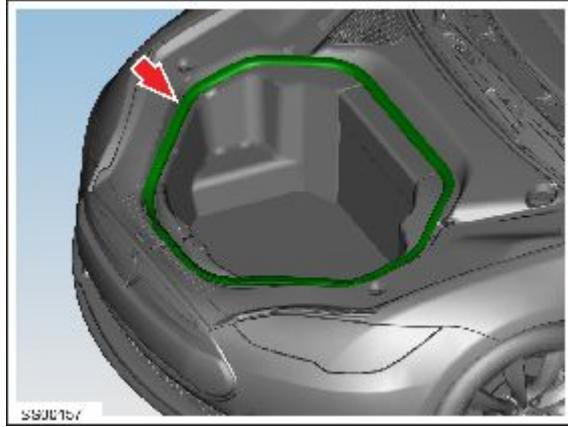
FRT No: 11701802

**Removal**

1. Open the luggage compartment.
2. Release seal from luggage compartment surround.

**Note:** Components have been removed in this graphic to aid clarity.

3. Remove seal from vehicle.

**Installation**

1. Installation is the reverse of removal, except for the following.
2. Ensure that the seal is pushed fully home.

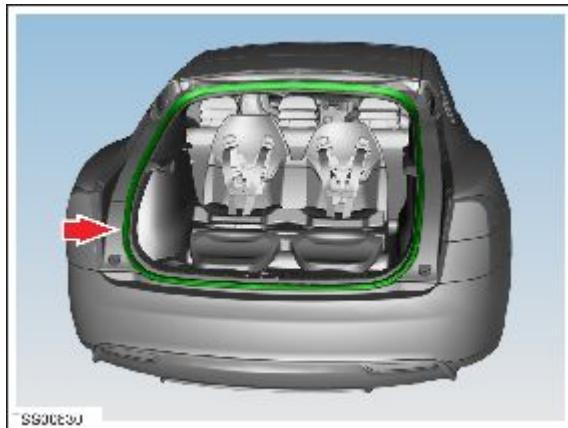
**Seal - Liftgate (Remove and Replace)**

FRT No: 11702002

**Removal**

1. Open vehicle tailgate.
2. Release tailgate seal from body and carefully remove.

**Note:** Components have been removed in this graphic to aid clarity.

**Installation**

Installation procedure is the reverse of removal.

**Seal - Door Front Outer Belt - LH (Remove and Replace)**

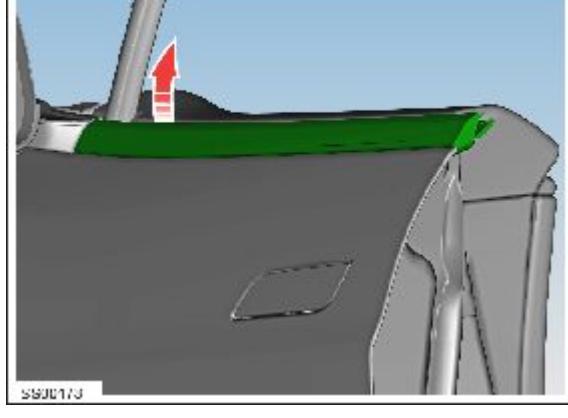
FRT No: 11703002

**Removal**

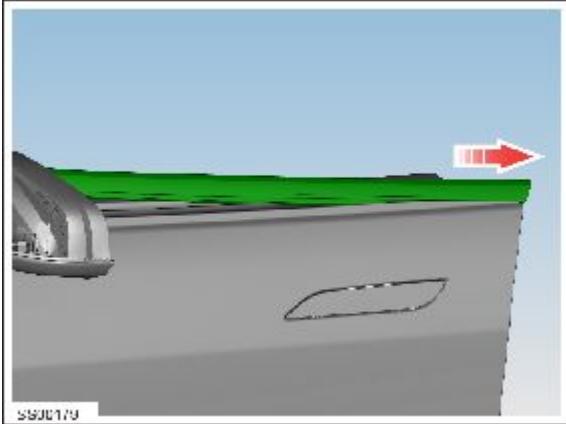
1. Lower window glass.
2. Using a suitable tool release outer belt seal, starting at the mirror and working backwards.

**Caution:** Protect paintwork from possible damage during this procedure.

**Caution:** Take care not to damage component(s).



3. Release hook end from door skin and remove rear end of seal.



### Installation

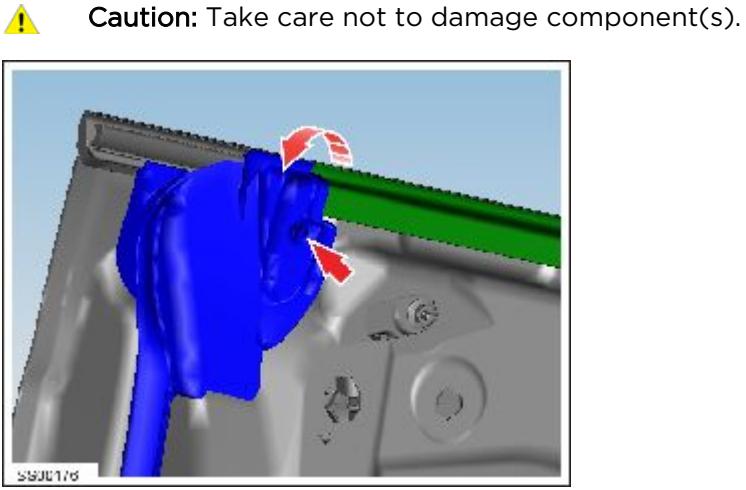
1. Installation procedure is the reverse of removal.
2. In the event of seal being damaged at rear end, it will be necessary to replace component.
3. Check for smooth operation when opening and closing window glass.

## Seal - Door Front Inner Belt - LH (Remove and Replace)

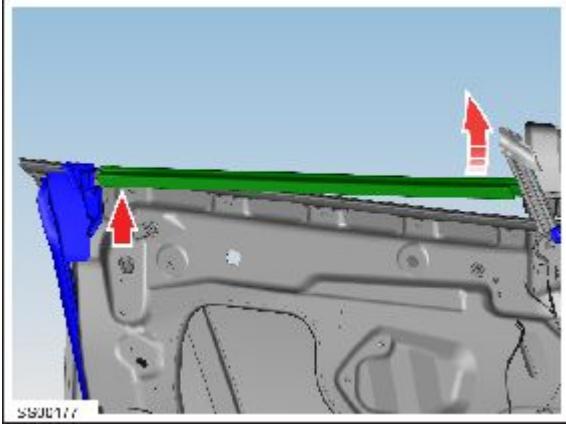
FRT No: 11703202

### Removal

1. Lower door glass.
2. Remove door trim panel ([refer to procedure](#))
3. Remove trim stud securing flap seal to door.
4. Carefully ease flap seal clear of inner belt seal for access.



5. Starting from mirror end, carefully lift and remove door glass seal.



### Installation

Installation procedure is the reverse of removal.

## Seal - Belt - Door Inner - Rear - LH (Remove and Replace)

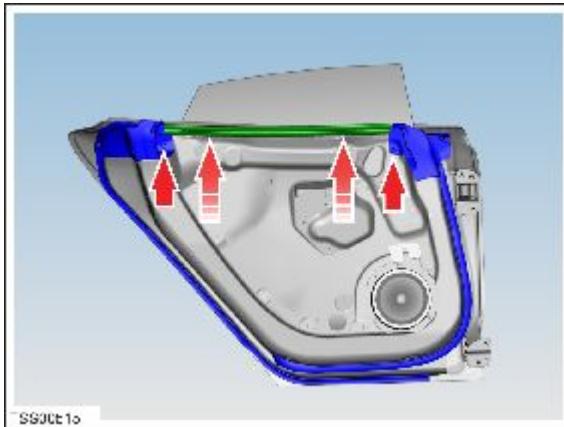
FRT No: 11704202

### Removal

1. Lower door glass.
2. Remove door trim panel ([refer to procedure](#))
3. Release trim studs (x2) securing flap seal to door.
4. Carefully ease flap seals clear of inner belt seal for access.

**Caution:** Take care not to damage component(s).

5. Carefully lift and remove inner belt glass seal.



### Installation

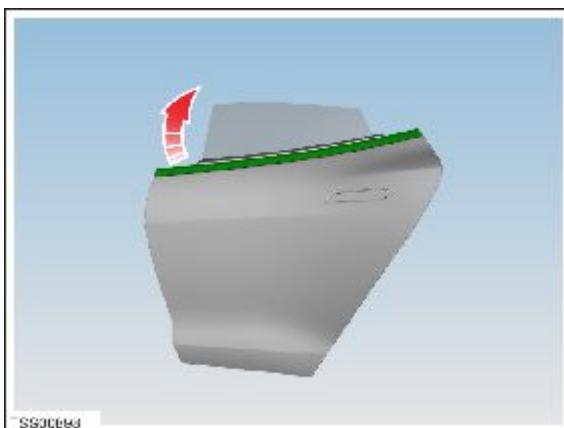
Installation procedure is the reverse of removal.

## Seal - Door Rear Outer Belt - LH (Remove and Replace)

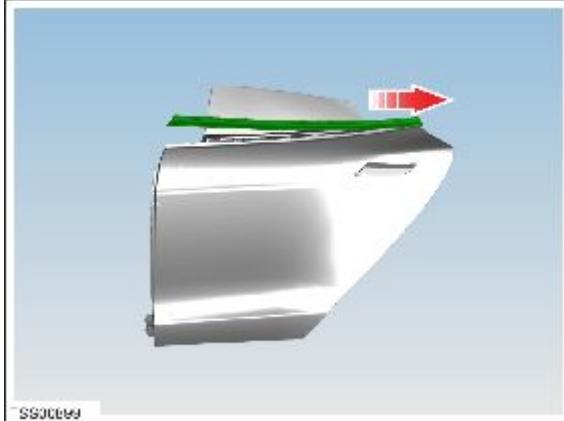
FRT No: 11704402

### Removal

1. Lower window glass.
2. Using a suitable tool release outer belt seal, release leading edge and work rearward.
  - ⚠ **Caution:** Protect paintwork from possible damage during this procedure.
  - ⚠ **Caution:** Take care not to damage component(s).



3. Release hooked end from door skin and remove seal.



### Installation

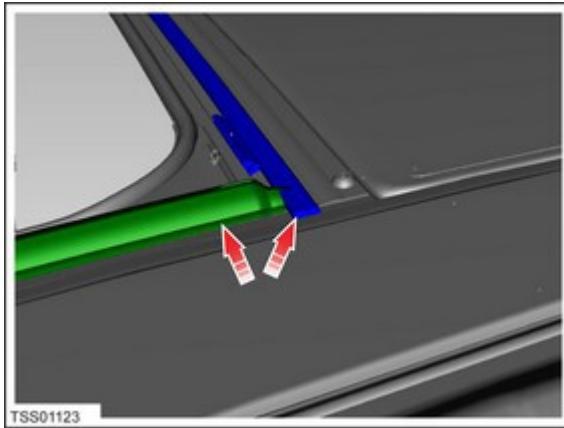
1. Installation procedure is the reverse of removal.
2. In the event of seal being damaged at rear end, it will be necessary to replace component.
3. Check for smooth operation when opening and closing window glass.

## Seal - Sliding Glass - Panoramic Roof (Remove and Replace)

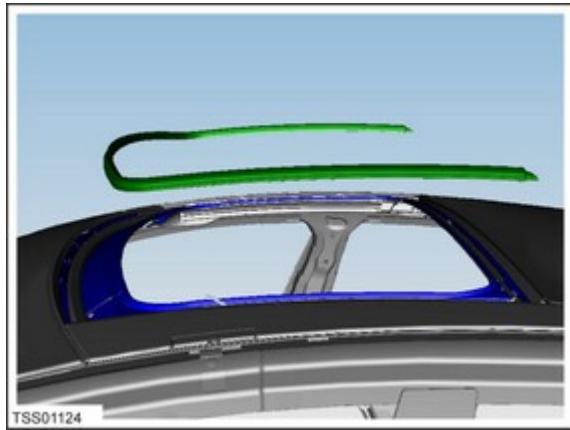
FRT No: 11705002

### Removal

1. Remove the sliding roof glass. [\(refer to procedure\)](#)
2. Release the rear ends of the sliding glass seal from beneath the stop bumper seal.



3. Carefully release the sealant bond from the body.
4. Remove the seal.



### Installation

1. Installation procedure is the reverse of removal, except for the following.
2. Clean all traces of sealant from the seal location.
3. Clean the seal mounting areas with alcohol or a residue-free solvent and allow them to dry.
4. Install the seal on the roof, taking care not to stretch the rubber. Locate the end of the seal under the glass bumper seal (x2).