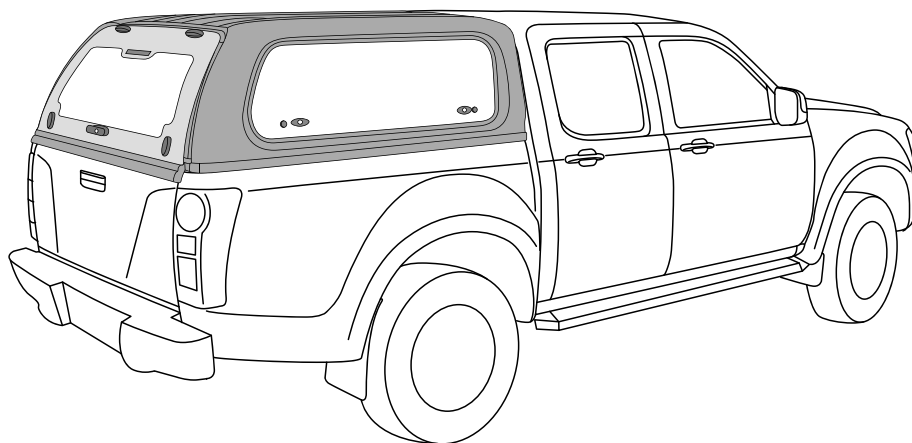


# ISUZU D-MAX 2016

## CANOPY

### REMOTE LOCKING KIT

### INSTALLATION INSTRUCTIONS



Installation Time: Approx. 90 min



**Place these instructions in vehicle's glove box after installation is complete**

#### **IMPORTANT!**

- Read instructions carefully before installation.
- It is strongly recommended that installation is conducted by an authorized dealer.
- This product must be installed exactly as specified in these instructions. Failure to do so may result in improper fit and/or retention/failure of components.
- Recommend installation by 2 people.

#### **TOOLS REQUIRED:**

- Torque Wrench
- Sockets & Driver
- Spanners
- Side Cutters
- Phillips Head Screwdriver
- Flat Blade Screwdriver
- Rigid Draw Wire (welding wire)
- Wire Hook
- PVC or masking tape
- Trim Removal Tool
- Electrical Connector Crimping Tool

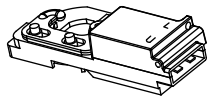
## REMOTE LOCKING KIT FOR CANOPY

### PARTS CHECK SHEET



#### PARTS IN MAIN CARTON KIT035590

1



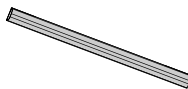
RCL Unit  
(LOCK0057)  
Qty - 1

2



Retainer Clip  
Qty - 1

3



Rubber Tube  
(EXTR0047)  
Qty - 1

4



Alcohol Wipe  
(MISC0052)  
Qty - 1

5



Primer Stick  
(MISC1365)  
Qty - 1

6



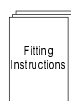
Vehicle  
Wiring Kit  
(LOOM0148)  
Qty - 1

7



Wiring Clip  
(CLIP3242PC-1)  
Qty - 1

8



Fitting  
Instruction  
(FIT-CP0254b)  
Qty - 1



#### PARTS IN VEHICLE WIRING KIT - (LOOM0148)

20



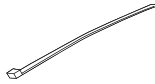
Vehicle Wiring  
Harness  
(LOOM0148A)  
Qty - 1

21



Window Wiring  
Harness  
(LOOM0148B)  
Qty - 1

22



Cable Tie  
Qty - 8

23



Plastic Tube  
7x550mm  
Qty - 1

24



T-Connector  
B-Pillar  
(LOOM0148C)  
Qty - 1

25



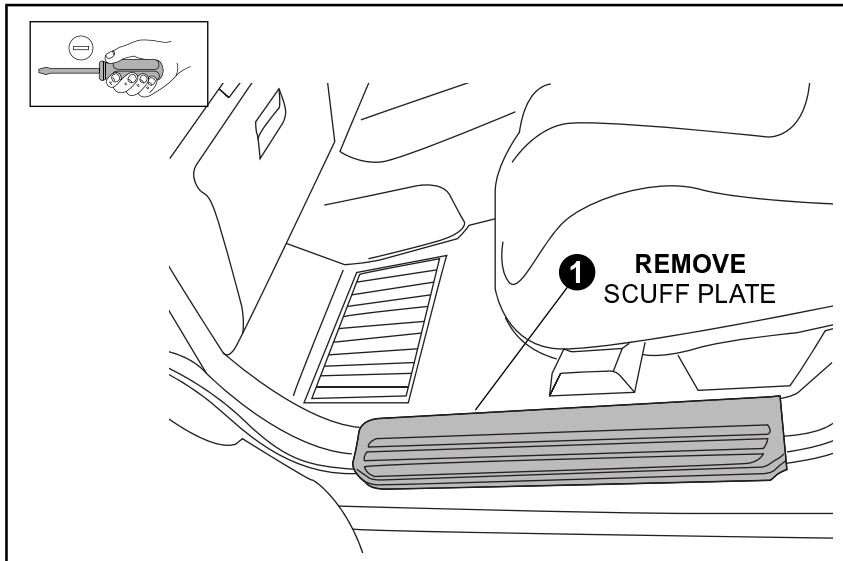
Female  
Connector  
Qty - 2

26



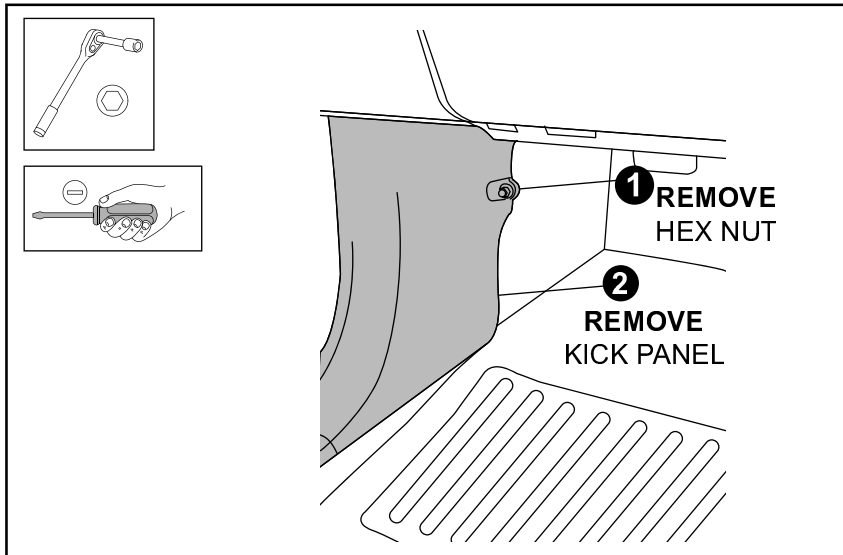
Male Terminal  
Housing  
Qty - 1

## REMOTE LOCKING KIT FOR CANOPY



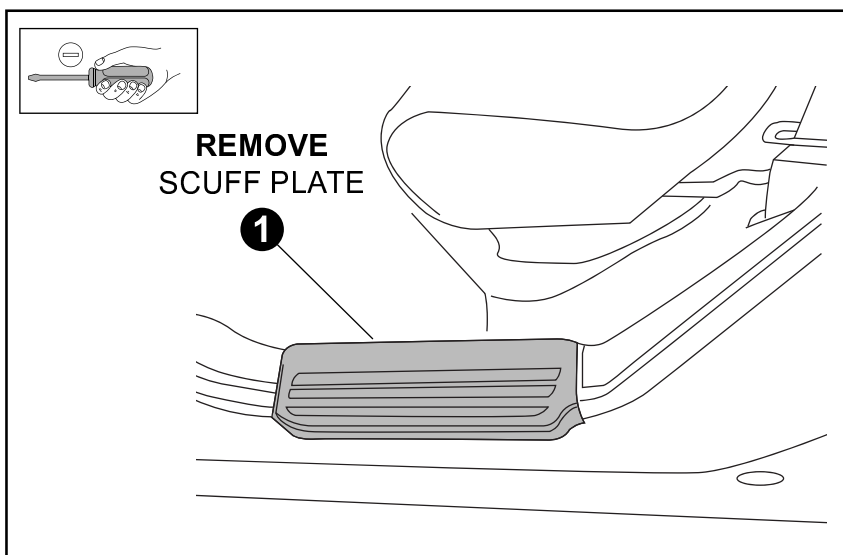
**Diagram: 1 - REMOVE PASSENGER'S FRONT SCUFF PLATE**

1. Remove the passenger's front side scuff plate by lifting it with flat screwdriver or trim removal tool.



**Diagram: 2 - REMOVE PASSENGER'S KICK PANEL**

2. Remove the passenger's kick panel by removing the hex nut and lifting it with flat screwdriver or trim removal tool.



**Diagram: 3 - REMOVE PASSENGER'S REAR SCUFF PLATE**

3. Remove the passenger's rear side scuff plate by lifting it with flat screwdriver or trim removal tool.

## REMOTE LOCKING KIT FOR CANOPY

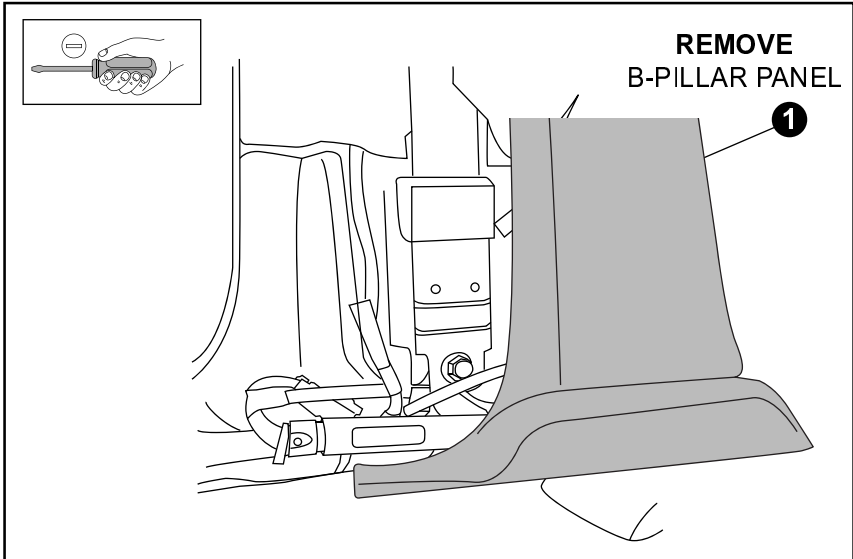


Diagram: 4 - REMOVE B-PILLAR PANEL

4. Remove the B-pillar panel with screwdriver or trim removal tool.

**Note:** The B-pillar panel will need to be pulled aside as it has the seat belt attached.

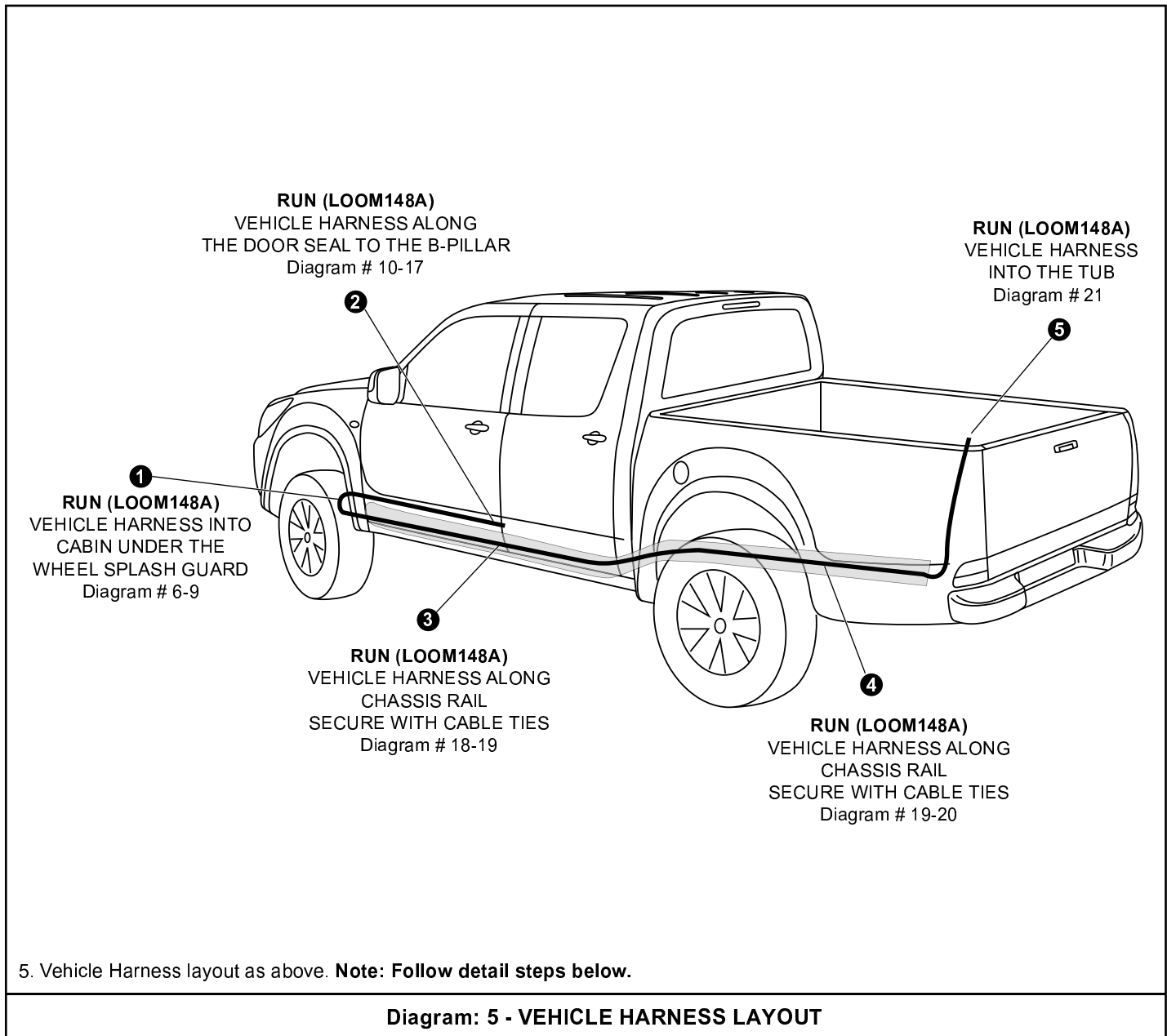
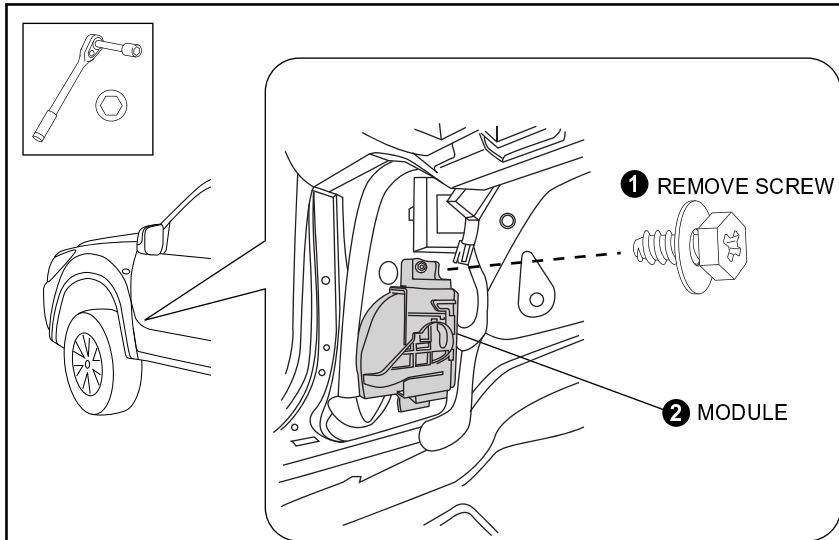


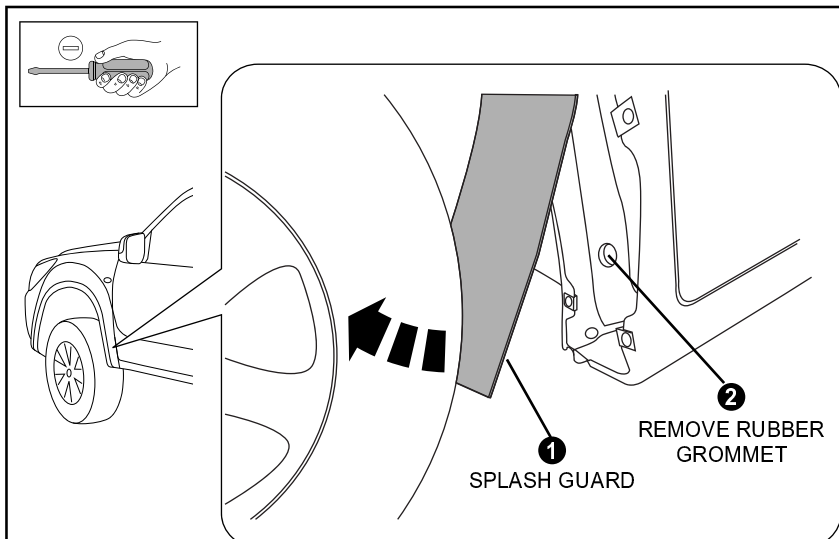
Diagram: 5 - VEHICLE HARNESS LAYOUT

## REMOTE LOCKING KIT FOR CANOPY



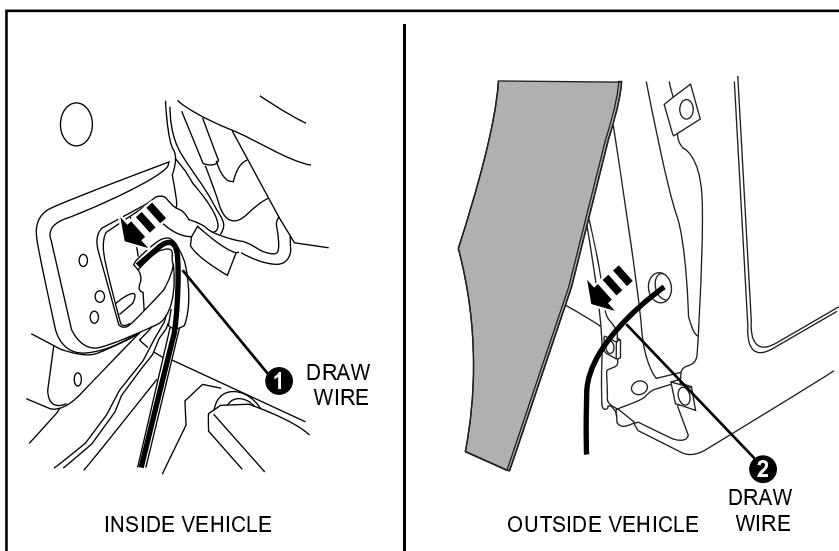
**Diagram: 6 - REMOVE MODULE**

6. Inside the passenger footwell, remove the screw holding the module and pull it to side.



**Diagram: 7 - REMOVE RUBBER GROMMET**

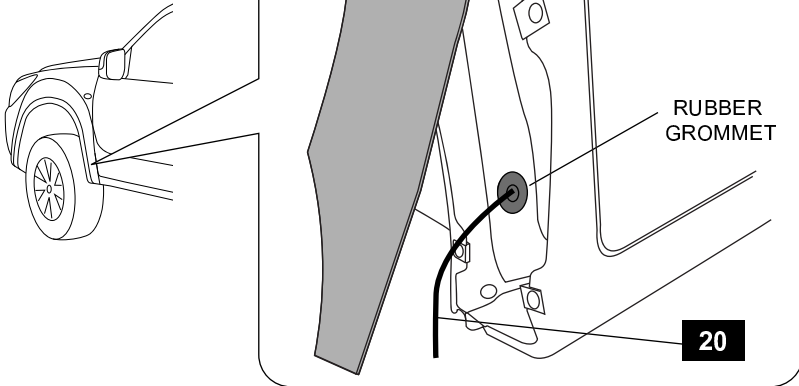
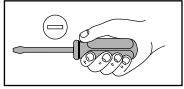
7. Remove the fasteners securing the rear side of the passenger wheel splash guard. Pull the splash guard forward and remove the rubber grommet from the hole as shown.



**Diagram: 8 - FEED DRAW WIRE**

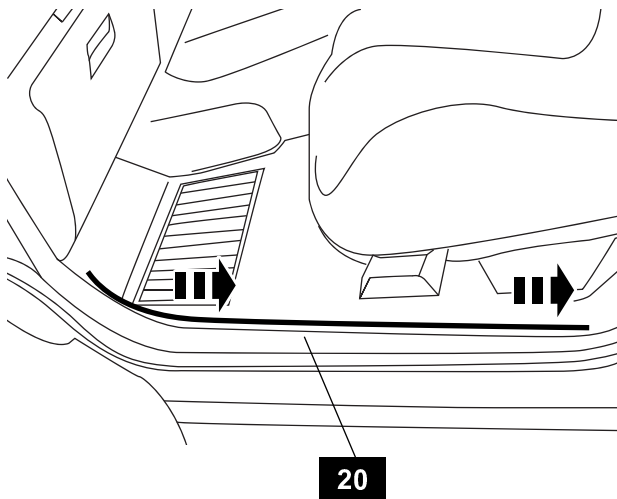
8. Feed a Draw Wire from inside of the foot well into the hole until the wire comes out inside the wheel arch as shown. One person feeding the wire from inside of the cab and other person looking for the wire at the grommet hole.

## REMOTE LOCKING KIT FOR CANOPY



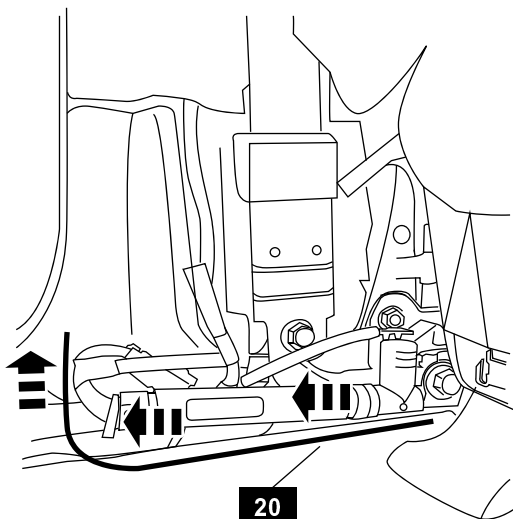
**Diagram: 9 - FEED VEHICLE HARNESS**

9. Attach the thin end of the vehicle harness (LOOM0148A) (two wires orange and brown) to the draw wire outside the vehicle using PVC tape and pull into the foot well until the rubber grommet located on the Vehicle Harness is fitted into the hole in the chassis.



**Diagram: 10 - FEED VEHICLE HARNESS**

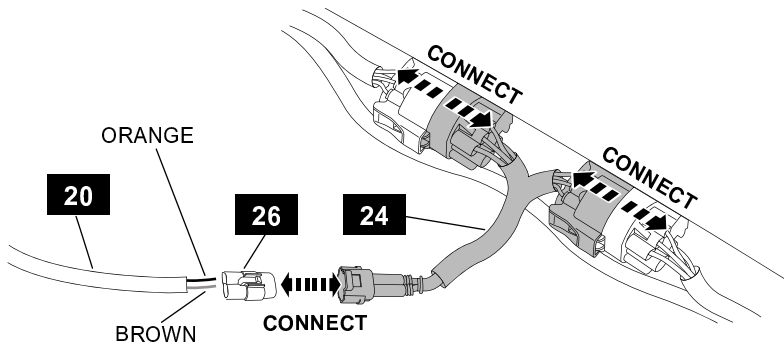
10. Run the Vehicle Harness (20) inside the cabin along the door seal to the B-pillar, near the electrical connectors.



**Diagram: 11 - FEED VEHICLE HARNESS**

11. Make sure routing is underneath seat belt pretensioner and other wiring.

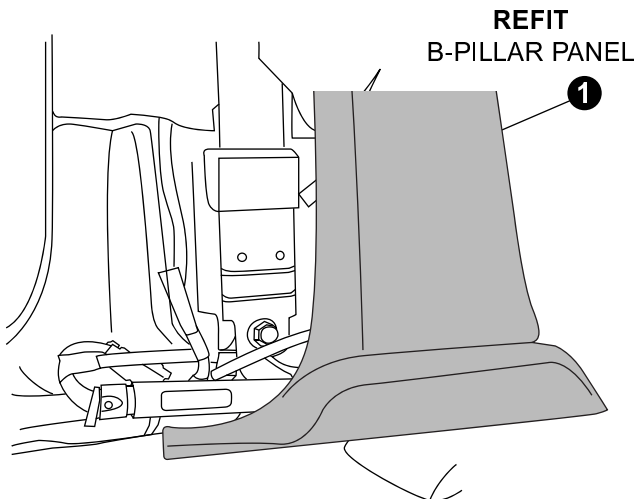
## REMOTE LOCKING KIT FOR CANOPY



**Diagram: 12 - CONNECT T-CONNECTOR**

12. Disconnect the main wiring near the B-pillar and join using the supplied T-connector (24). Fit the two terminals (orange & brown) on the Vehicle Harness (20) into the Male terminal housing (26). Connect the T-connector to the Vehicle Harness.

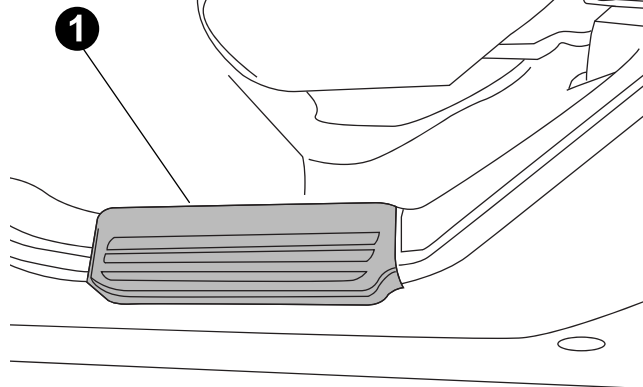
**Note: Make sure the wires are colour matched to the wires in the T-connector (24).**



**Diagram: 13 - REFIT B-PILLAR PANEL**

13. Position the t-connector and wiring so it will not interfere with other components. Refit the B-pillar panel.

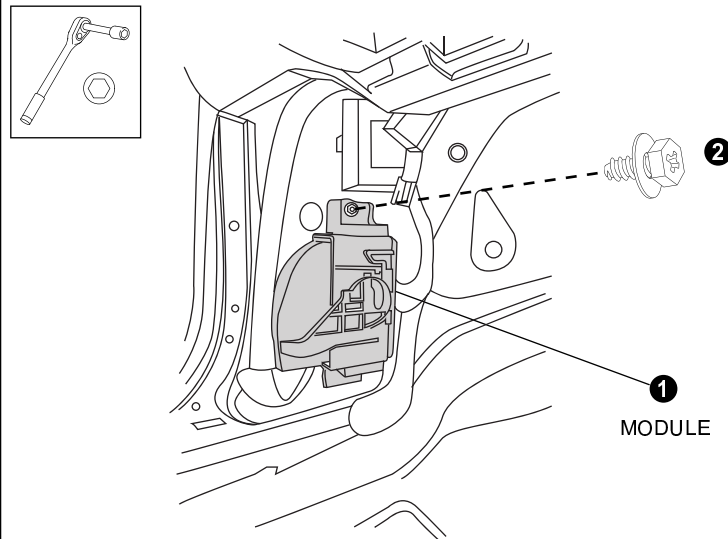
**REFIT  
SCUFF PLATE**



**Diagram: 14 - REFIT REAR SCUFF PLATE**

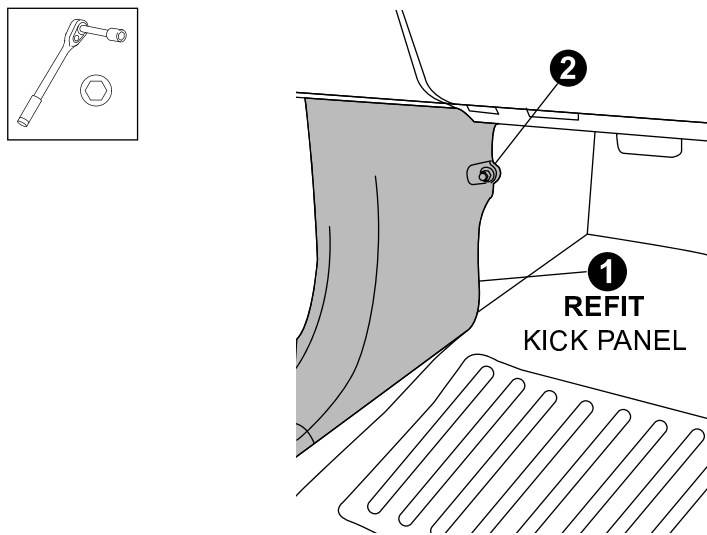
14. Refit the rear scuff plate.

## REMOTE LOCKING KIT FOR CANOPY



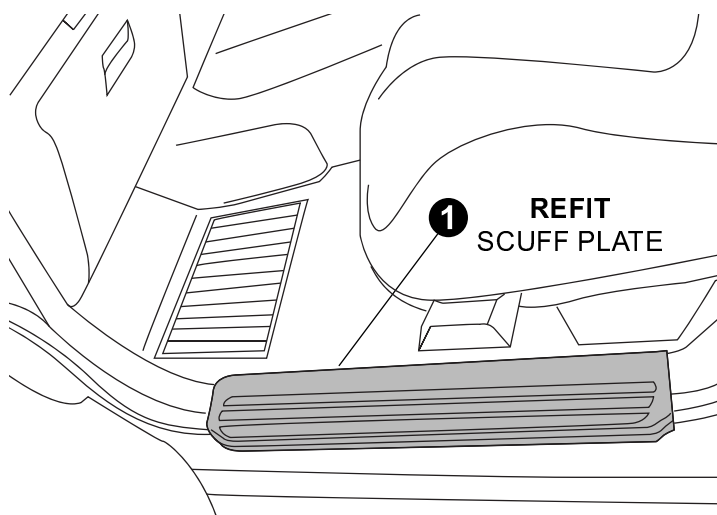
**Diagram: 15 - REFIT MODULE**

15. Inside the passenger footwell, secure the module with the screw.  
Make sure the vehicle harness does not get pinched and can not rub on sharp edges.



**Diagram: 16 - REFIT KICK PANEL**

16. Refit the kick panel ensuring the wiring does not get trapped by clip fasteners.

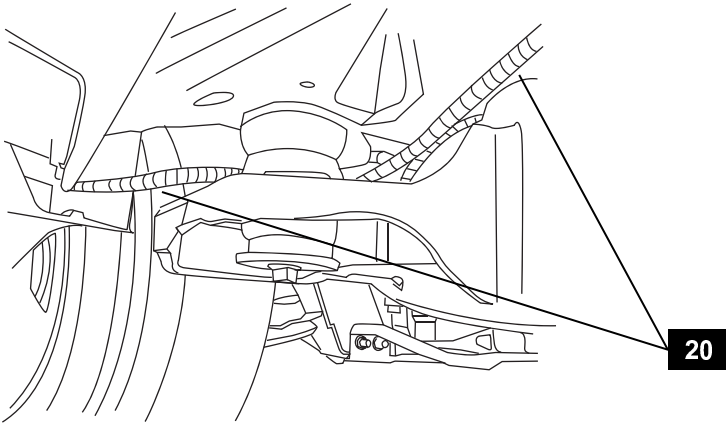
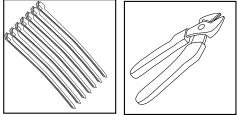


**Diagram: 17 - REFIT SCUFF PLATE**

17. Refit the scuff plate ensuring the wiring does not get trapped by clip fasteners.

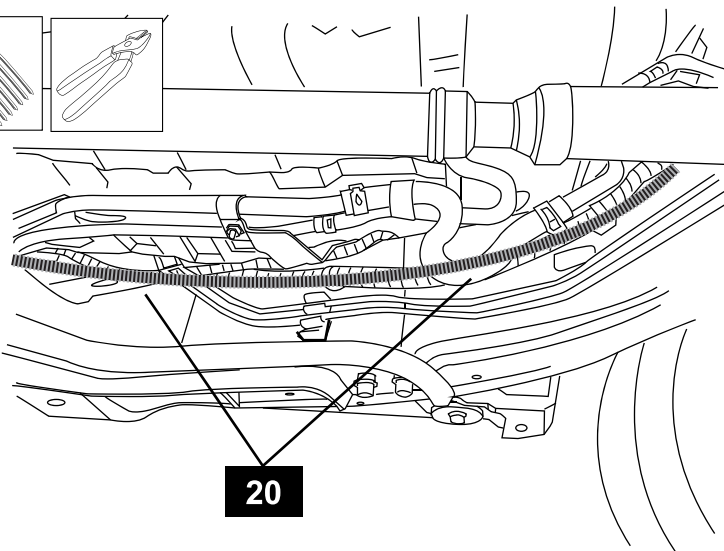
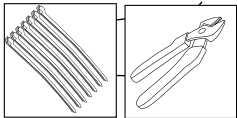


## REMOTE LOCKING KIT FOR CANOPY



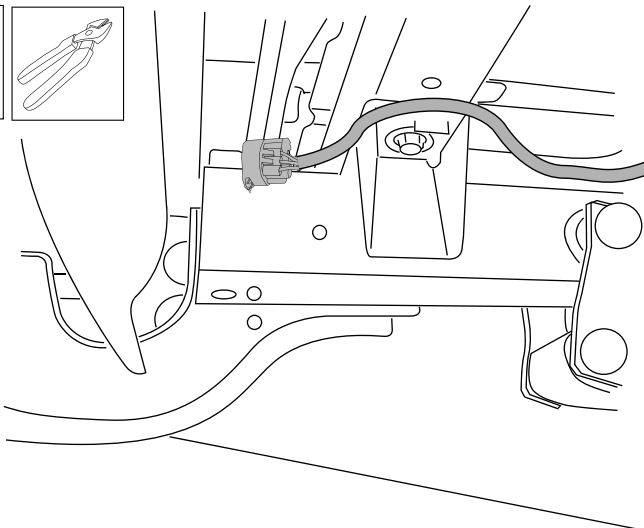
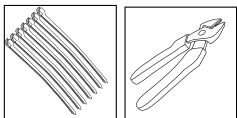
**Diagram: 18 - ATTACH VEHICLE HARNESS**

18. Run the Vehicle Harness from the front wheel arch to the rear along the chassis rail and secure with cable ties. Make sure harness is clear of sharp edges.



**Diagram: 19 - ATTACH VEHICLE HARNESS**

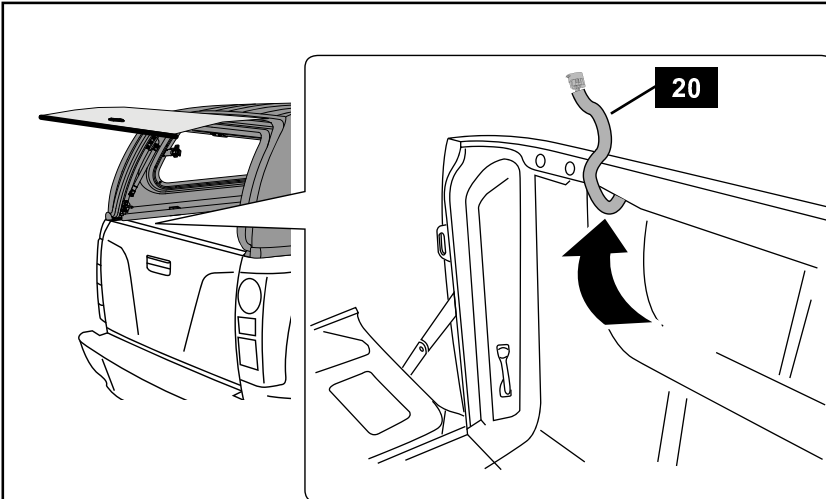
19. Run the Vehicle Harness to the rear along the chassis rail and secure with cable ties to existing vehicle harness.



**Diagram: 20 - ATTACH VEHICLE HARNESS**

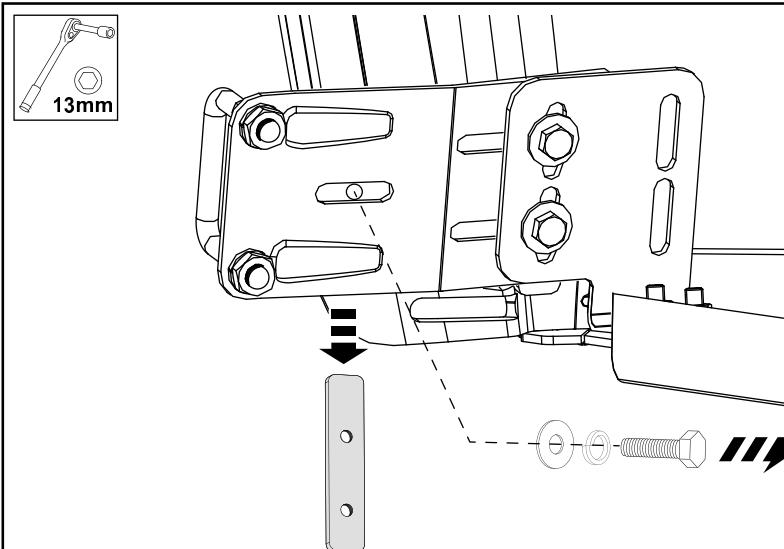
19. Run the Vehicle Harness to the rear along the chassis rail and secure with cable ties to existing vehicle harness.

## REMOTE LOCKING KIT FOR CANOPY



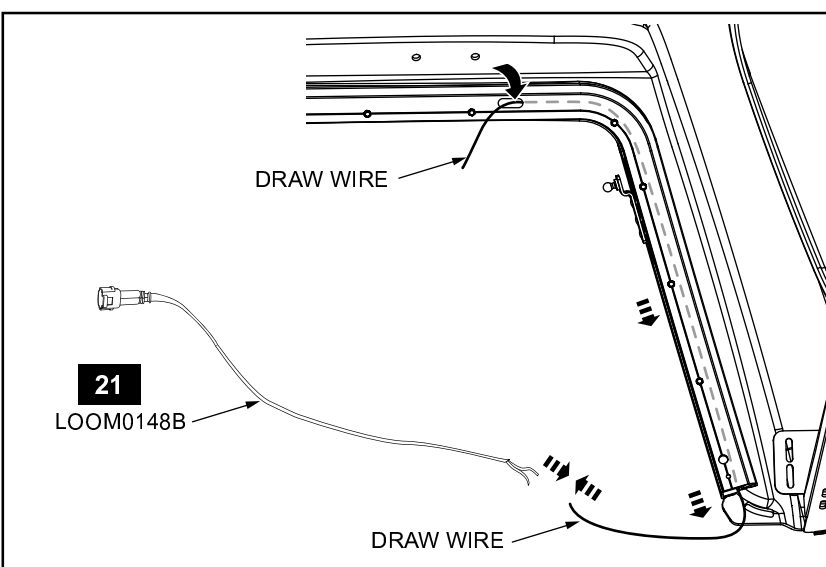
**Diagram: 21 - FEED IN VEHICLE HARNESS**

21. From underneath the vehicle, push the canopy harness connector through the cavity in the rear LHS of the tub.



**Diagram: 22 - REMOVE STRIKER BRACKET BOLT**

22. On the passenger side of the canopy, remove the M6 bolt and the threaded plate inside the window frame holding the striker bracket to the window frame.



**Diagram: 23 - FEED DRAW WIRE INTO WINDOW FRAME**

23. Inside the canopy feed a draw wire into the slotted hole in the door frame. Draw wire should come out at the bottom end of the frame.

Connect the LOOM0148B blade terminals end to the draw wire and pull up the window frame to the slotted hole at the top. Remove the draw wire.

## REMOTE LOCKING KIT FOR CANOPY

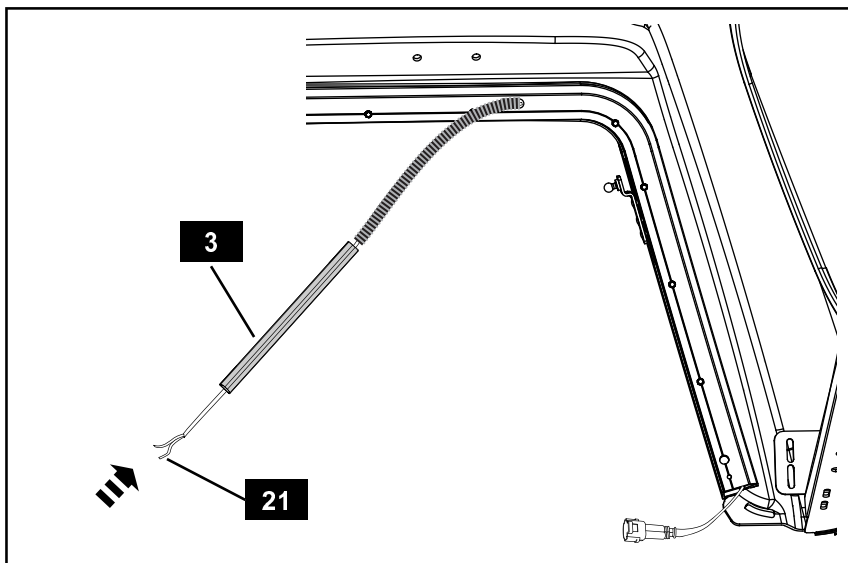


Diagram: 24 - FEED RUBBER TUBE

24. Feed the rubber tube (3) into the window harness (21) as shown.

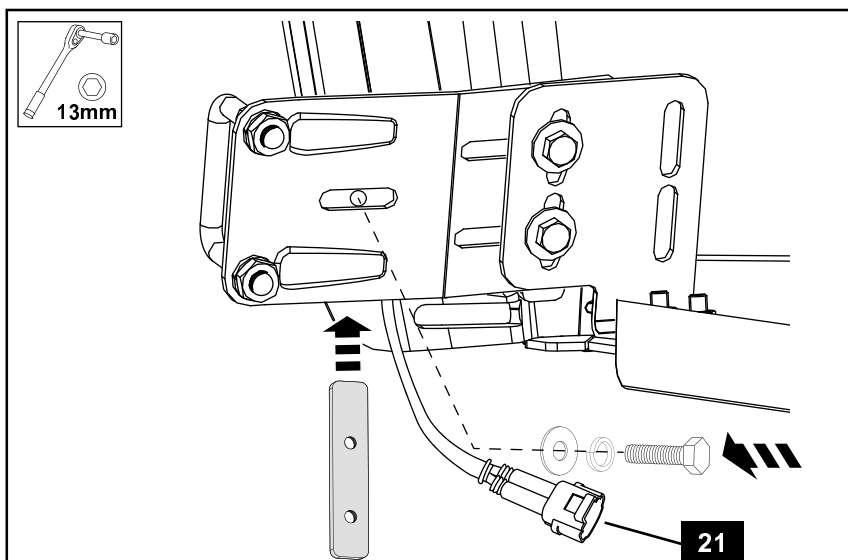


Diagram: 25 - REFIT STRIKER BRACKET BOLT

25. Fit the threaded plate inside the window frame and secure the striker bracket with previously removed hex head bolt, spring washer and flat washer.

**Note:** Avoid pinching the wiring under the threaded plate.

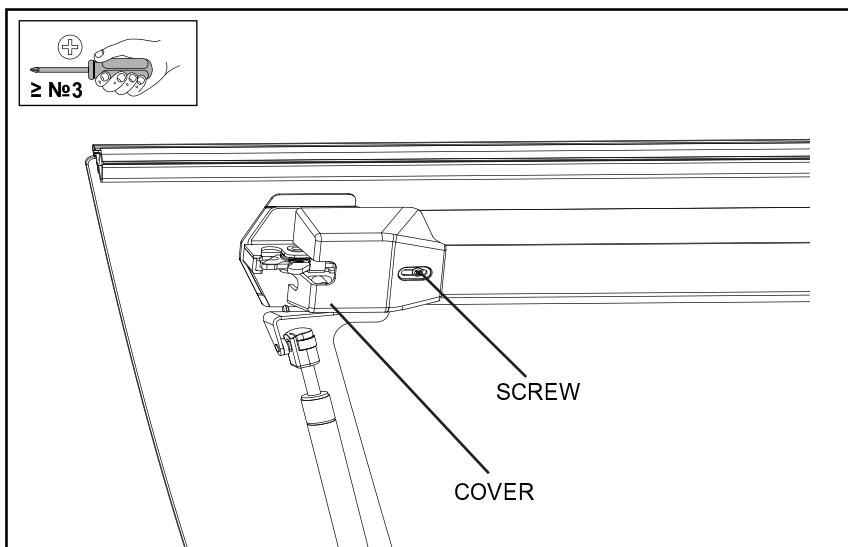
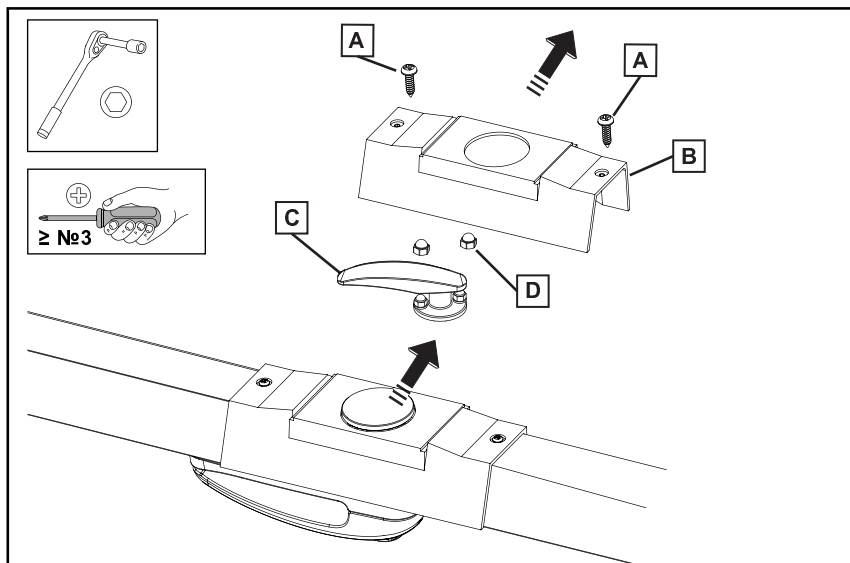


Diagram: 26 - REMOVE LATCH COVER

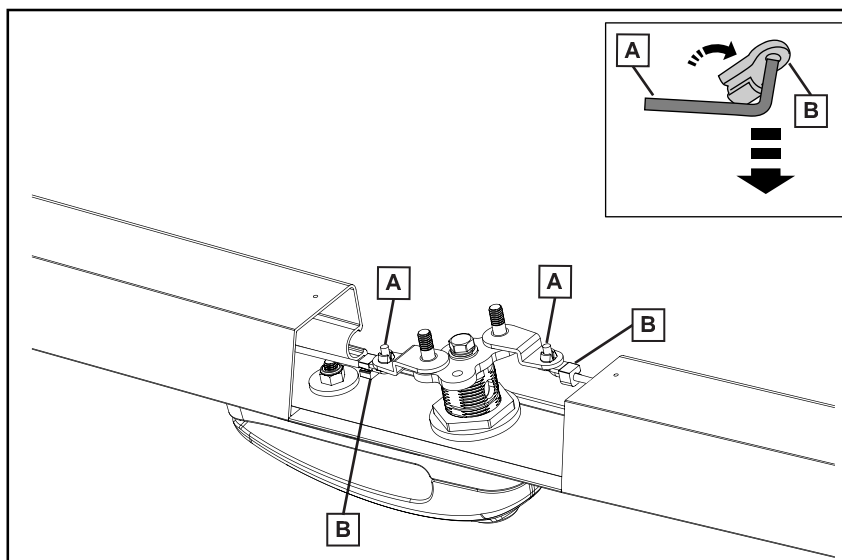
26. Remove the LHS latch cover by removing the Phillips head screw. Retain all hardware.

## REMOTE LOCKING KIT FOR CANOPY



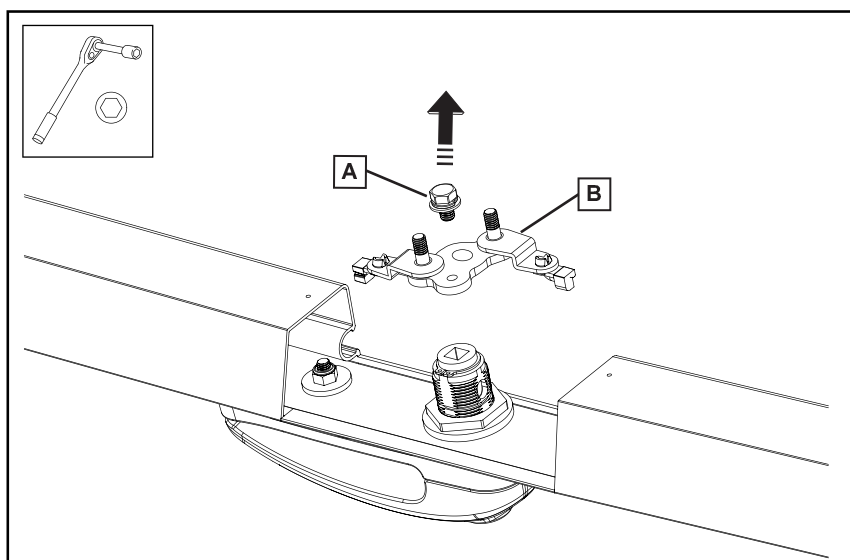
**Diagram: 27- REMOVE LOCK COVER**

27. Remove two screws (A) holding the lock cover (B). Remove internal door handle (C) by removing two dome nuts (D). Retain both handle and nuts.



**Diagram: 28 - UNCLIP PULL RODS**

28. Unclip both pull rods (A) from the retainer clips (B).

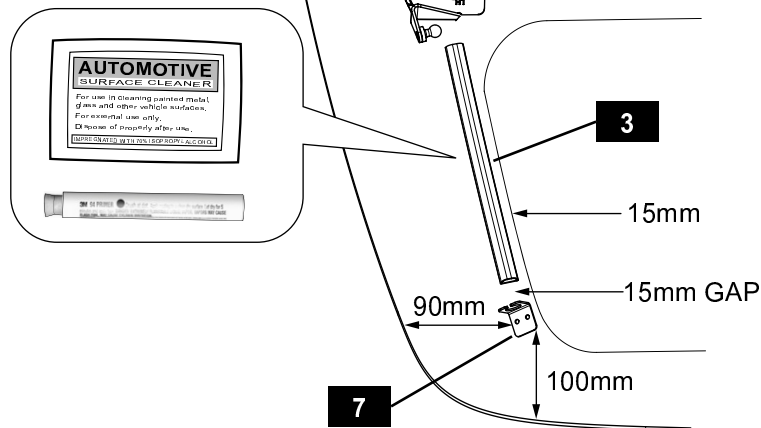


**Diagram: 29 - REMOVE CAM PLATE**

29. Remove the bolt (A) holding the cam plate (B) and retain for re-installation.

## REMOTE LOCKING KIT FOR CANOPY

**WIRING NOT SHOWN  
FOR CLARITY**

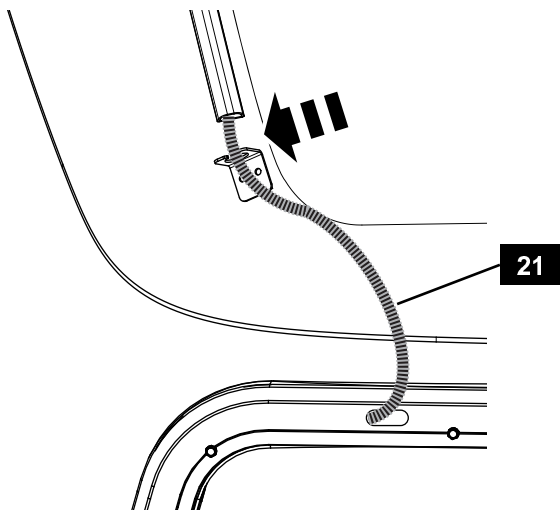


**Diagram: 30 - SECURE WIRING**

30. On the RHS inside the rear window glass clean the area where rubber tube (3) and wiring clip (7) will be attached, with an alcohol wipe (5) and prime with the primer stick (7). Allow to dry.

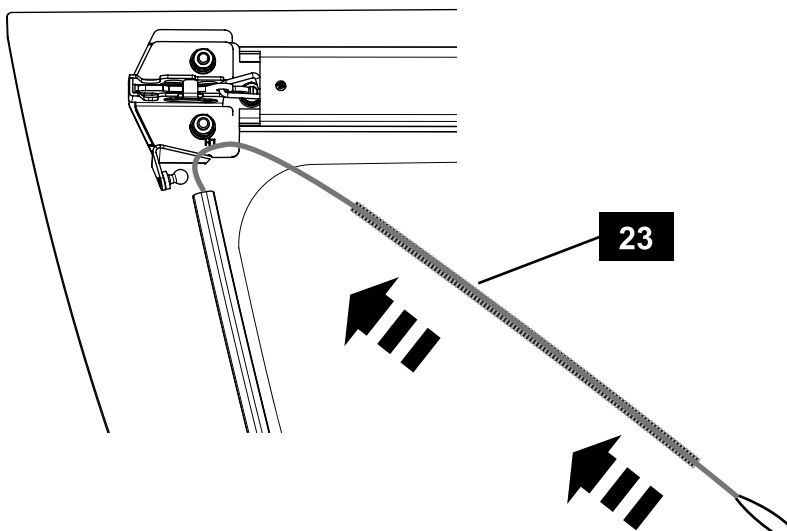
Place the wiring clip (7) approximately 10mm from the edge of the blackout on the glass, 100mm from top edge of the glass and 90mm from the side. Peel the liner from the rubber tube (3) and apply the tube to the glass as shown. Approximately 15mm from the clip and 15mm from the edge of the blackout.

Peel the liner from the rubber tube (3) and apply the tube to the glass as shown. Approximately 15mm from the clip and 15mm from the edge of the blackout.



**Diagram: 31 - SECURE WIRING**

31. Feed the wiring into the clip (7) and push approximately 15mm of the plastic tube into the rubber tube to secure the wiring.



**Diagram: 32 - SECURE WIRING**

32. Feed the wiring harness into the plastic tube (23) as shown.

## REMOTE LOCKING KIT FOR CANOPY

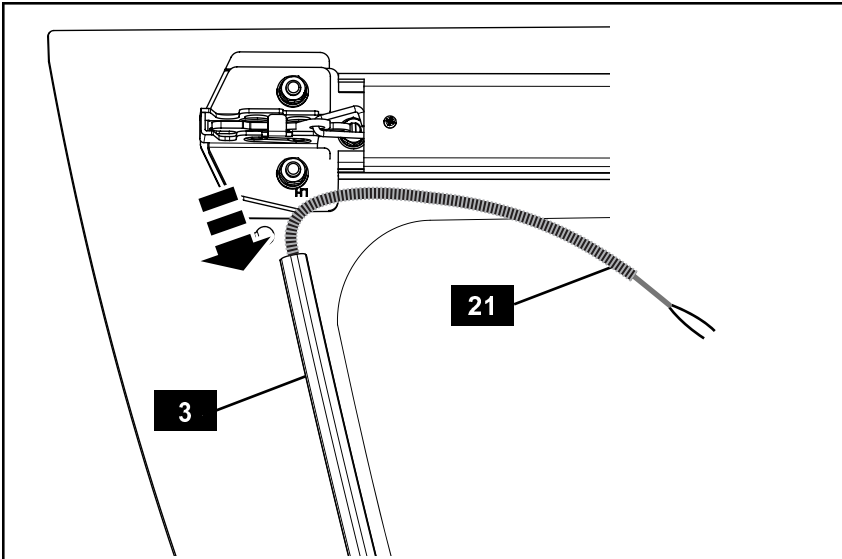


Diagram: 33 - REFIT STRIKER BRACKET BOLT

33. Feed the plastic tube (21) into the rubber tube (3) approximately 15mm inside.

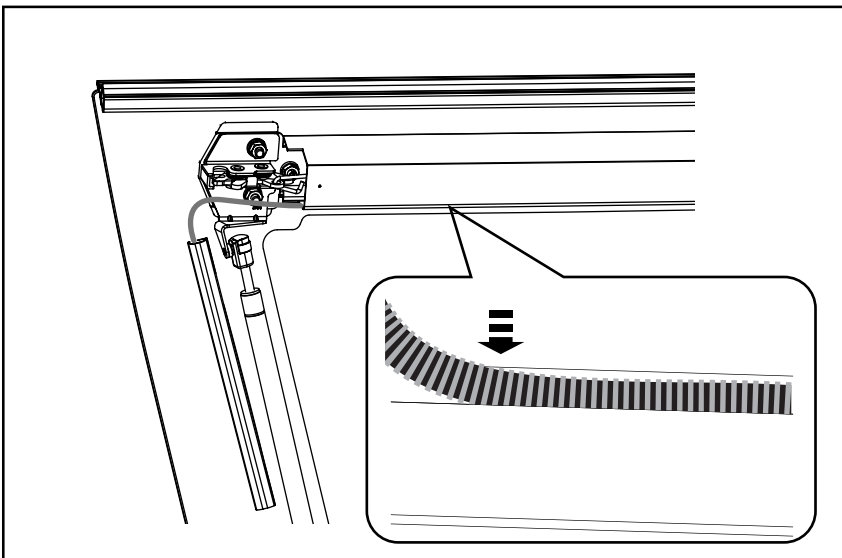


Diagram: 34 - REFIT STRIKER BRACKET BOLT

34. Push the plastic tube (21) into the groove in the aluminium extrusion as shown.

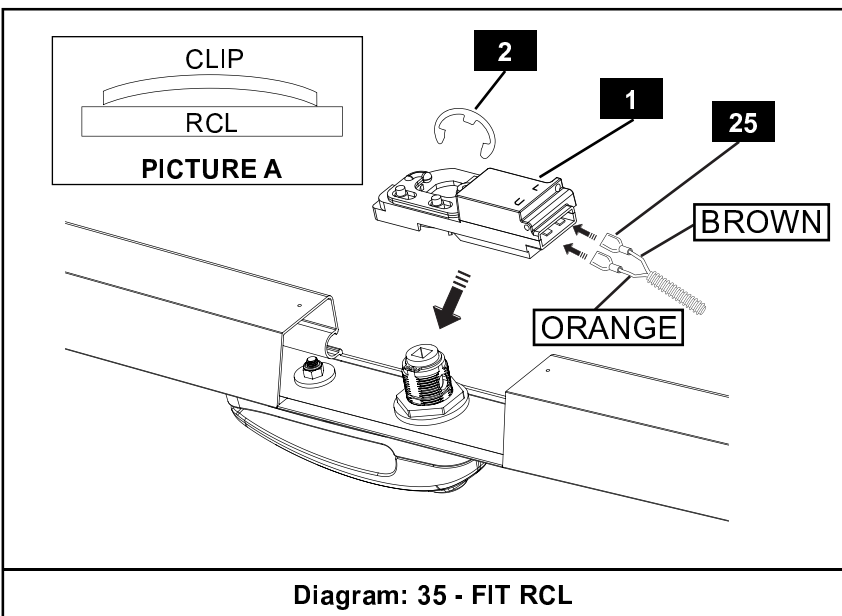


Diagram: 35 - FIT RCL

35. Fit the two female spade connectors (25) to the wires using a crimping tool.

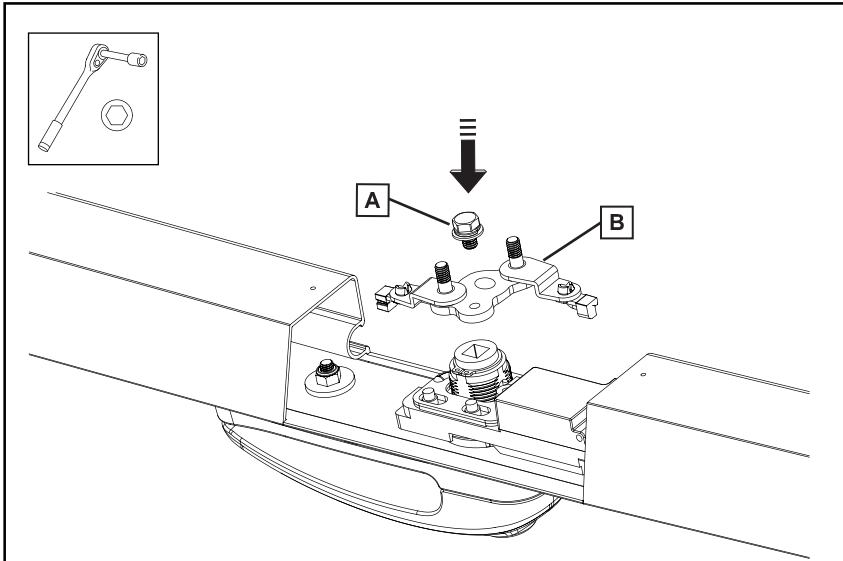
Connect the canopy wiring terminals to the RCL unit (1) Note that brown wire connects to the terminal marked "L" on the RCL and orange wire to the terminal "U".

Check the functioning of the actuator when lock and unlocked is pressed on the car key. If functioning is opposite then swap wires around.

Fit the RCL and secure with the metal clip (A) onto the handle.

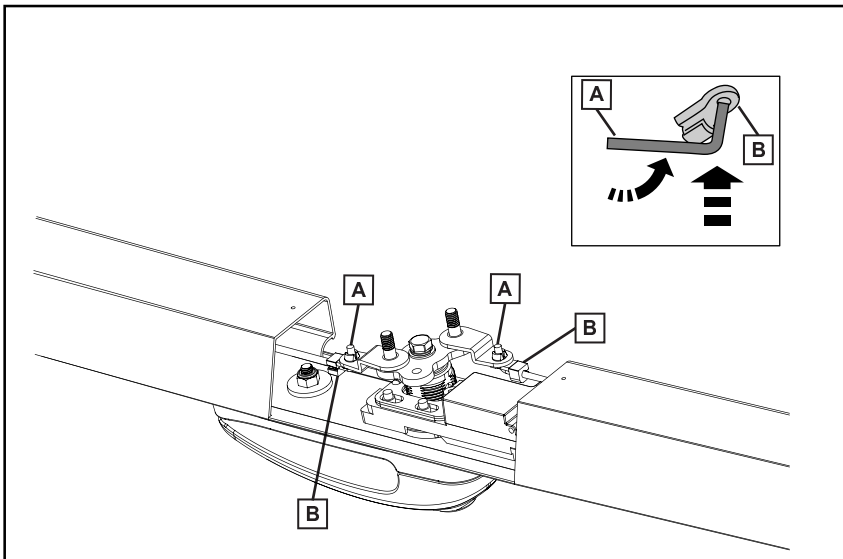
Note: The metal clip has a bow shape, orient the clip in the bow up position as shown in picture A. You may need a small hammer to tap it into position.

## REMOTE LOCKING KIT FOR CANOPY



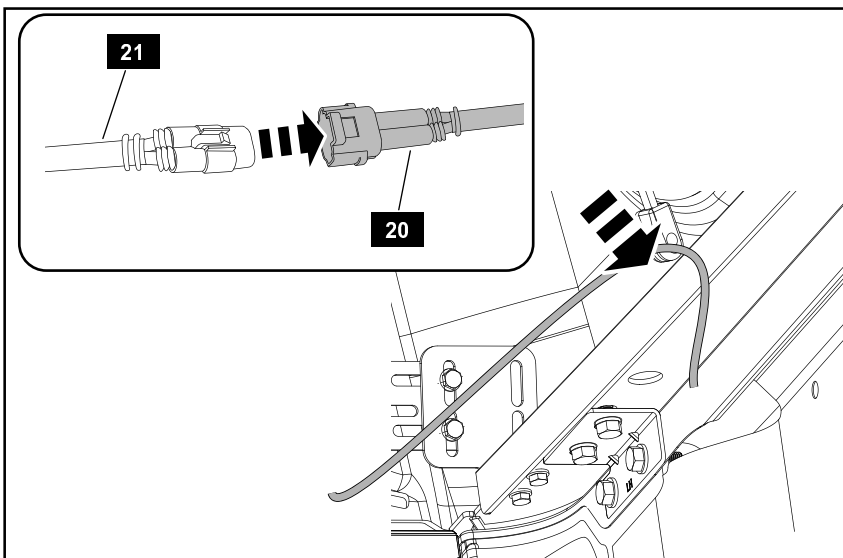
**Diagram: 36 - REFIT CAM PLATE**

36. Fit the cam plate (A) onto the lock and secure with the cam plate bolt (B). Torque to 7Nm.



**Diagram: 37 - CONNECT PULL RODS**

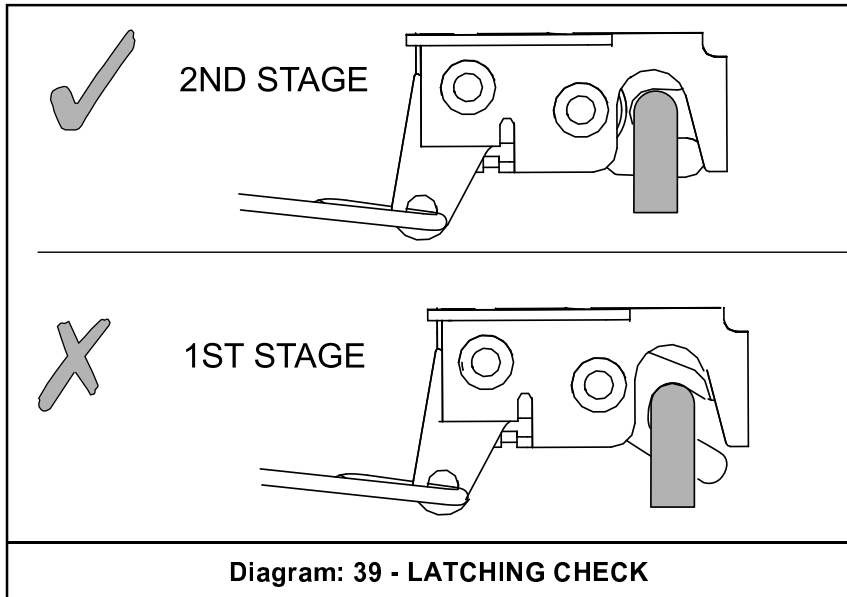
37. Clip both pull rods (A) into the retainer clips (B) as shown.



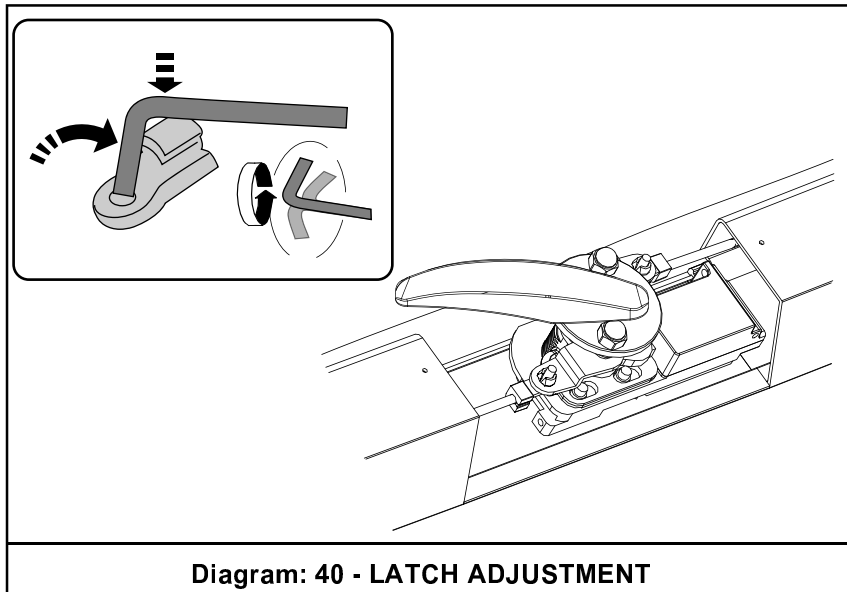
**Diagram: 38 - CONNECT WINDOW HARNESS**

38. Connect the window harness to the vehicle harness.

## REMOTE LOCKING KIT FOR CANOPY



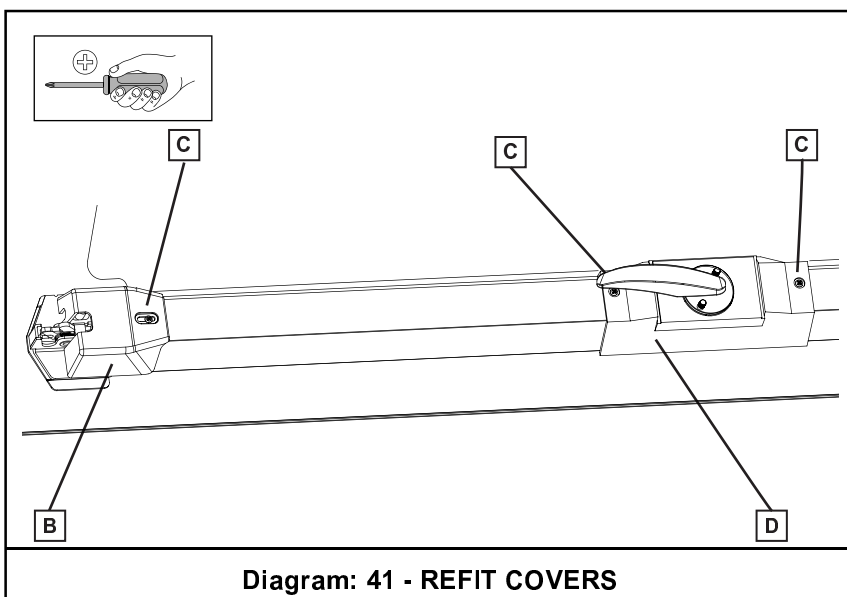
39. Ensure the latch reaches 2nd stage position, as shown and the striker is central inside the latch.



40. Fit the handle to the lock.

Check window handle operation. This can be checked with the door open, manually depress latches and activate handle. Handle should activate latches at 2/3 of handle travel simultaneously for LHS and RHS. If required, adjust pull rods as shown: Spinning clockwise - shorten. Spinning anticlockwise - lengthen.

Note: Check the LH & RH latches release ('click') simultaneously. If not adjust the pull rod on one side until the latches release at the same time.



41. Refit the latch covers (B) and secure with one Phillips head screws (C).

Refit the lock cover (D) and secure with two Phillips head screw (C).