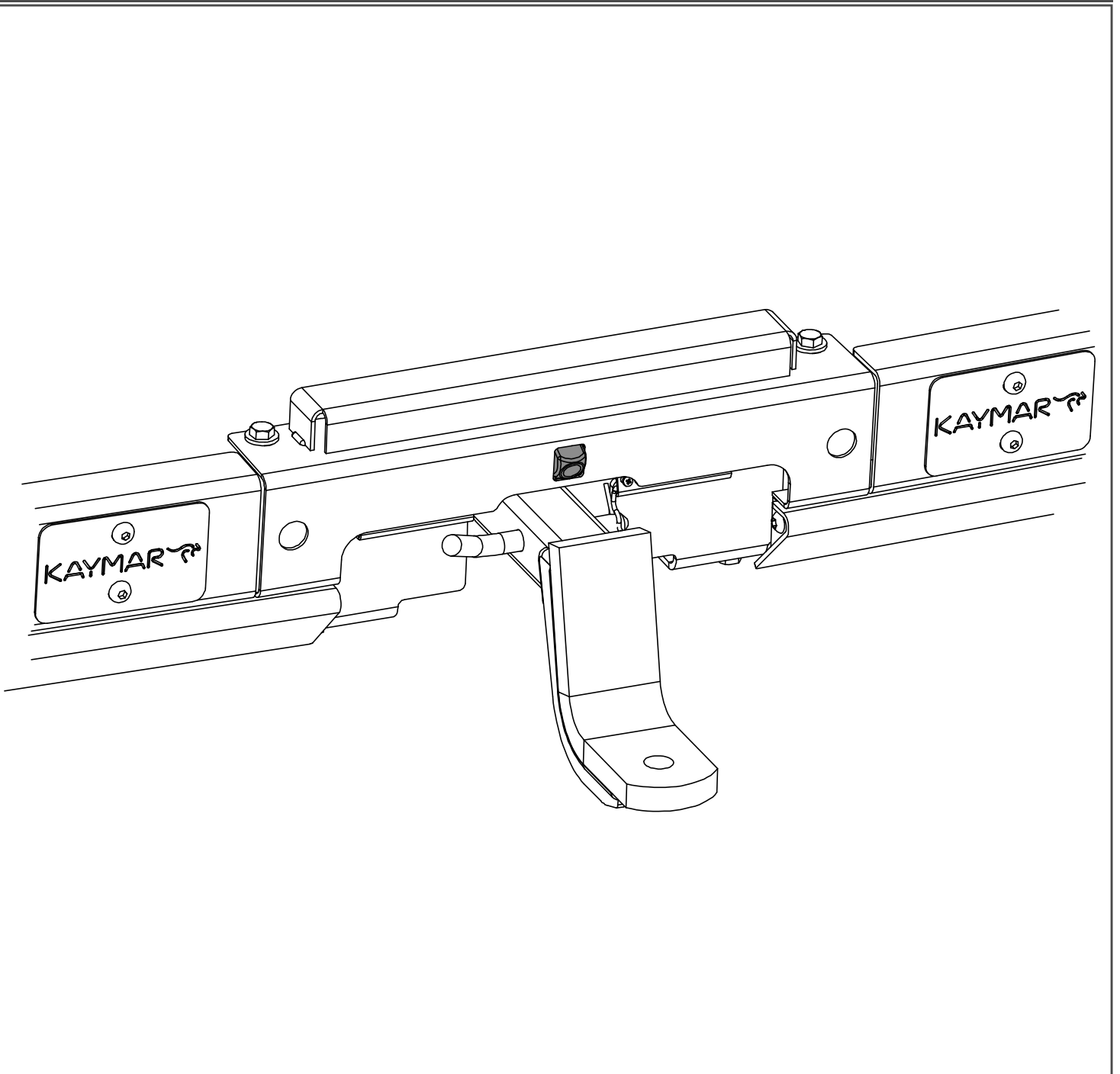




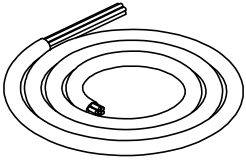







## TOYOTA LC300

PRODUCTION DATE: OCTOBER 2021 ONWARDS

**FITTING INSTRUCTIONS FOR:**  
ACCESSORY PART NUMBER: K6333  
REVERSE CAMERA RELOCATION KIT



# KIT CONTENTS

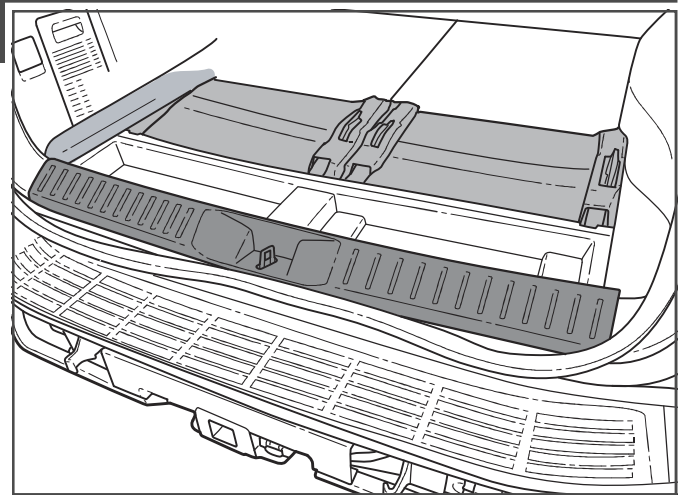
<b>1</b> RELOCATION LOOM  x1	<b>2</b> CAMERA BRACKET  GX, GXL x1	<b>3</b> M5 x 20 BOLT  x2	<b>4</b> M5 WASHER  x4	<b>5</b> M5 NUT  x2
<b>6</b> ADHESIVE FOAM  x1	<b>7</b> COVER PLATE  GX, GXL x1	<b>8</b> SELF TAPPING SCREW  x2		

## IMPORTANT

**THE NEGATIVE TERMINAL OF THE VEHICLE BATTERY MUST BE DISCONNECTED BEFORE TOUCHING ANY OF THE REVERSE CAMERA CONNECTIONS.**

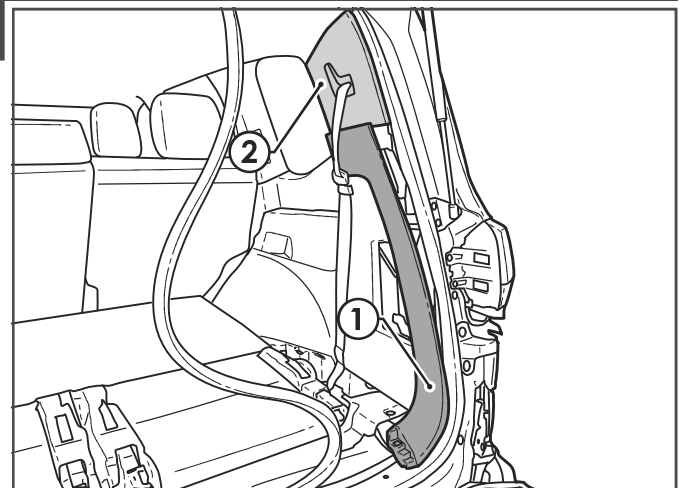
## STEP 1

- In the luggage compartment, fold down the rear seats (if fitted).
- Remove the floor carpet/tray.
- Remove the LH & RH side floor wings.
- Remove the rear scuff trim.



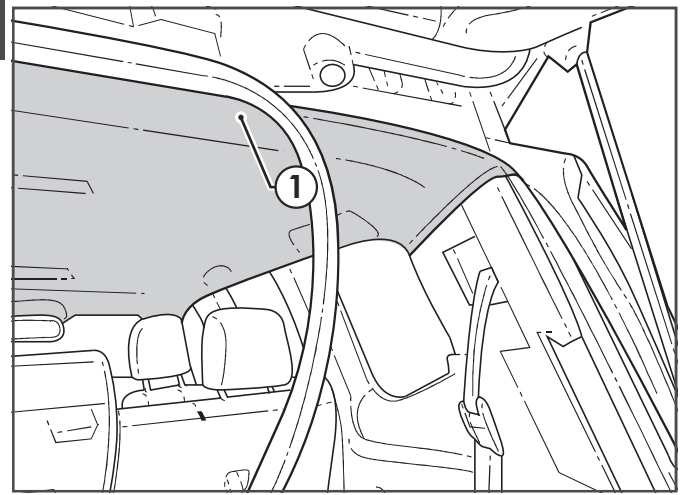
## STEP 2

- Partially remove the RHS edge trim and dislodge the lower RHS D Pillar trim (1) then dislodge the upper RHS D-Pillar Trim (2) and move to the side to gain access to vehicle wiring connectors.



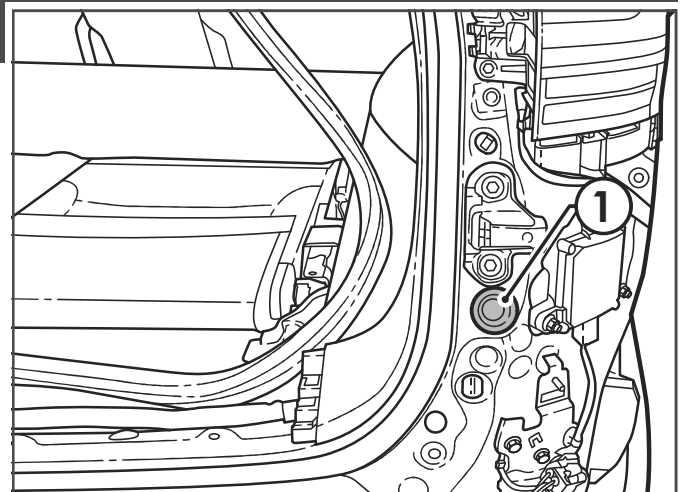
### STEP 3

- Dislodge the Rear RHS section of the Roof by pulling it down (1).
- Disconnect the 18-way Black and 18-way White connectors at the Top Rear RHS of the vehicle.



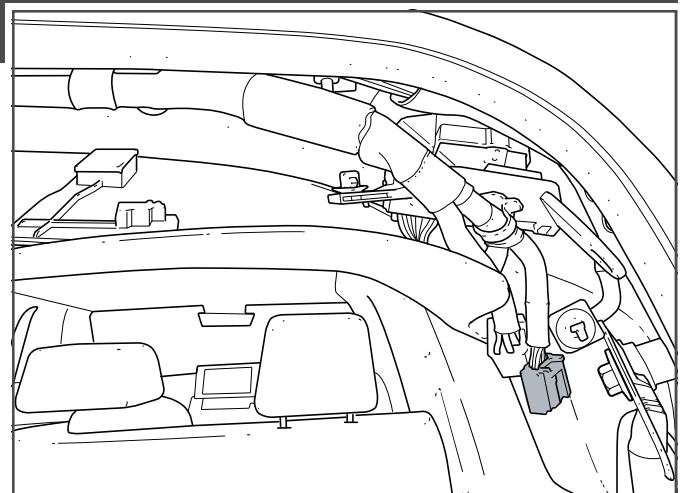
### STEP 4

- Locate the 37mm Blanking Grommet (1) on the Rear RHS of the vehicle and remove.
- Locate the 37mm Blanking Grommet (1) on the Rear RHS of the vehicle and remove.



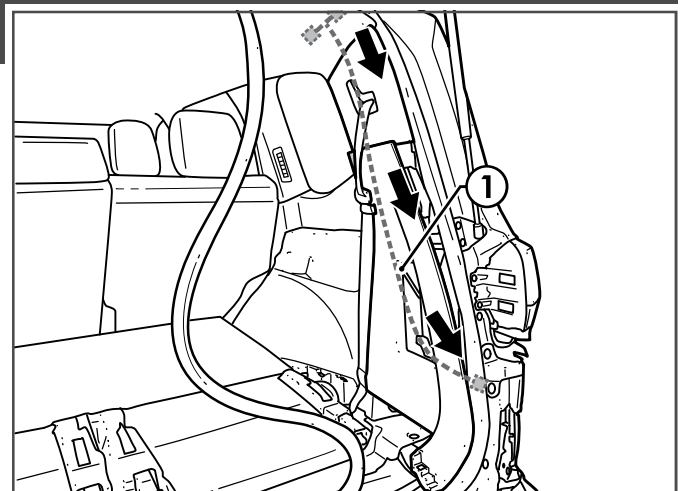
### STEP 5

- Locate the White 18-way Female Vehicle Connector, Patch the White 18-way male and female connector on the PS137 Relocation Harness.
- Locate the Black 18-way Vehicle Connector, Patch the Black 18-way male and female connector on the PS137 Relocation Harness.



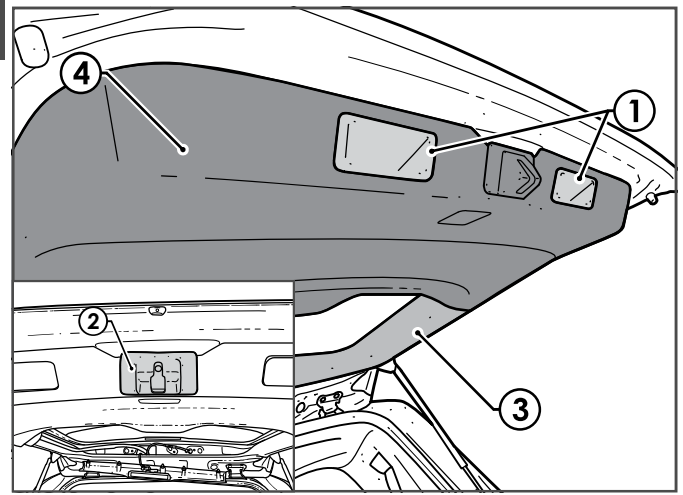
### STEP 6

- Tuck the harness (1) behind the seat belt.
- Route the harness down the RHS Rear Trim
- Secure the harness to the Vehicle Harness using supplied cable ties.



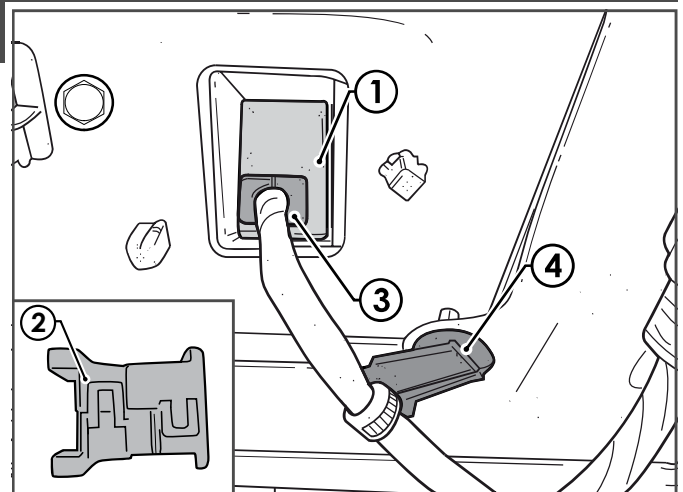
## STEP 7

- Dislodge the Rear RHS section of the Roof by pulling it down (1).
- Using Trim Tool, remove the Tailgate Lower handle inserts (1).
- Remove the Latch shroud (2).
- Remove the Upper Window Surround Trim (3)
- Remove the Tailgate panel (4).



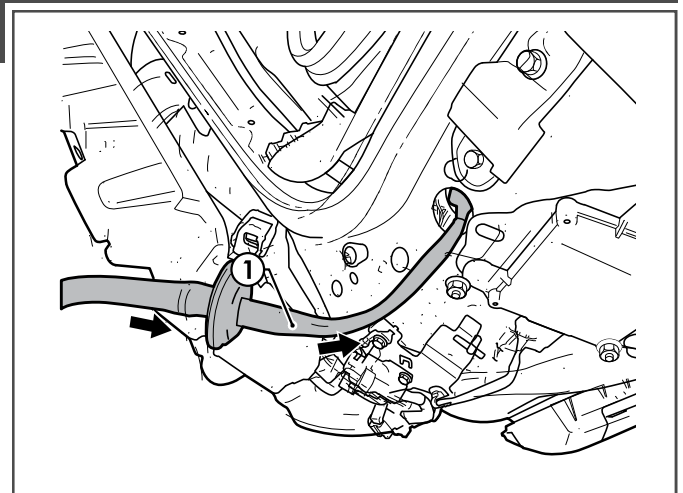
## STEP 8

- Locate the Vehicle Reverse Camera (1) on the Tailgate
- Remove the Secondary Lock (2) by dislodging the two clips on both side.
- Disconnect the 6-Way Connector (3) by firmly pressing down on the centre of the connector.
- Dislodge the Mounting Clip (4).



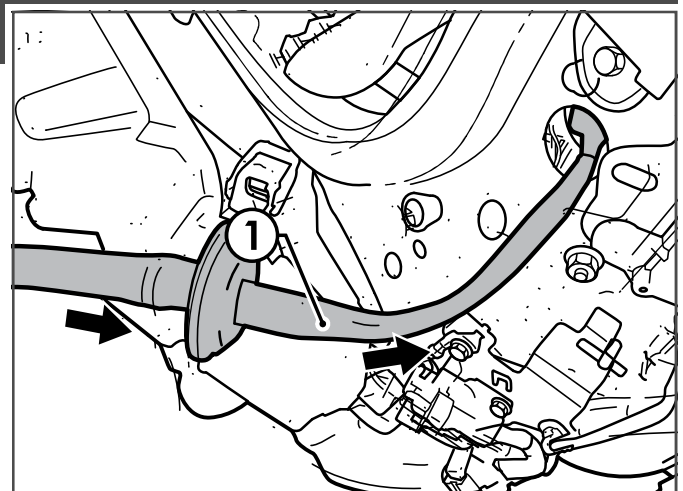
## STEP 9

- Locate the White 18-way Female Vehicle Connector, Patch the White 18-way male and female connector on the PS137 Relocation Harness.



## STEP 10

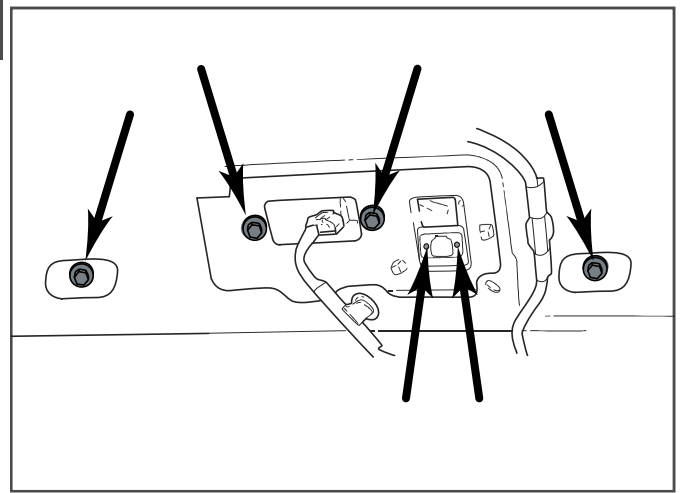
- Route the Camera Harness (1) Interconnect through the 37mm Hole into the vehicle.
- Seat the Grommet on the Camera Harness Interconnect in the 37mm Hole.
- From inside the vehicle, connect the 8-way Female on the inner Camera Harness which was previously routed.



## STEP 11

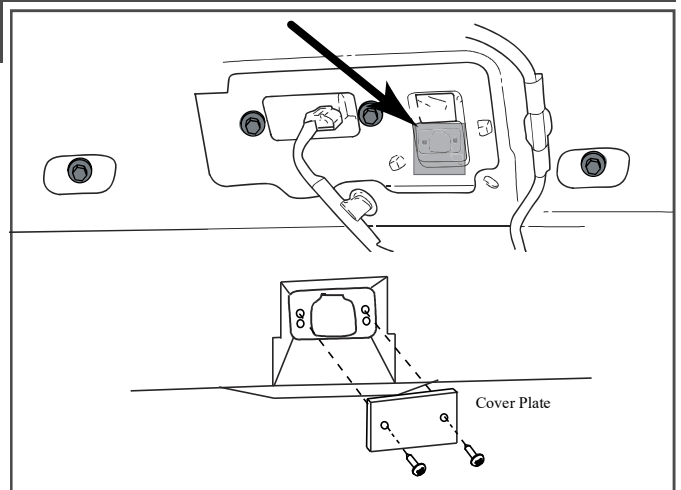
- Partially release the lower part of the tailgate outer trim by removing the 4 screws shown.
- Remove the 2 camera location screws. Do not discard.
- Gently lift the lower side of the tailgate outer trim and carefully remove the camera out from the rear of the tailgate door.

NOTE: A “T6” torx tool is required for these screws.



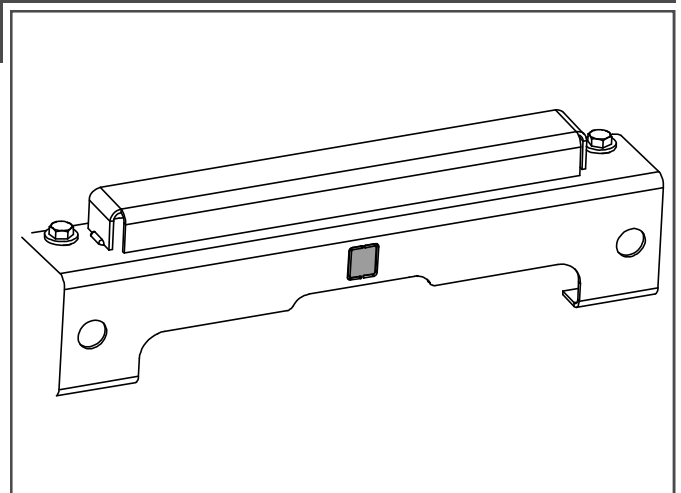
## STEP 12

- Reinstall the tailgate outer trim screws previously removed.
- Install the supplied adhesive foam from the inside surface of the tailgate so that it completely covers the camera hole.
- Install the supplied cover plate from the outside of the tailgate with the 2 supplied self tapping screws.



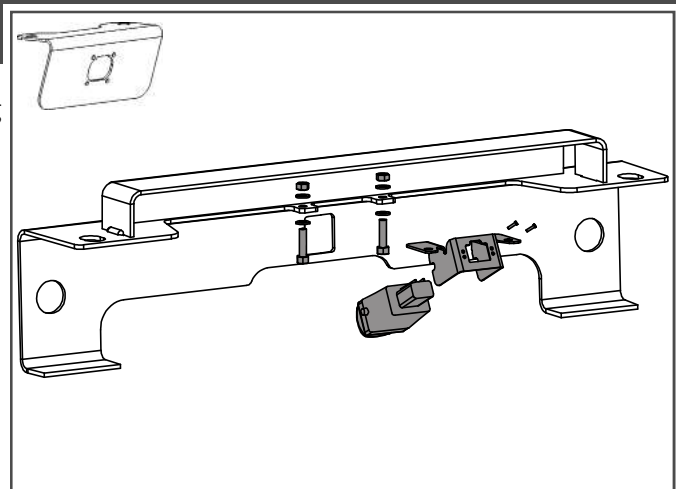
## STEP 13

- Remove the centre panel from the rear bar
- Using a screw driver & plyers, remove the camera blanking tab from the centre panel by rotating it.
- Ensure the surrounding area is protected from damage.
- Clean up the break away points with a small file and using a suitable paint cover any bare metal portions.



## STEP 14

- Secure the Camera to the supplied mount bracket using the screws from previous step 11.
- Secure the camera & bracket to the centre panel as shown using the supplied M5 bolts, washers & nuts.

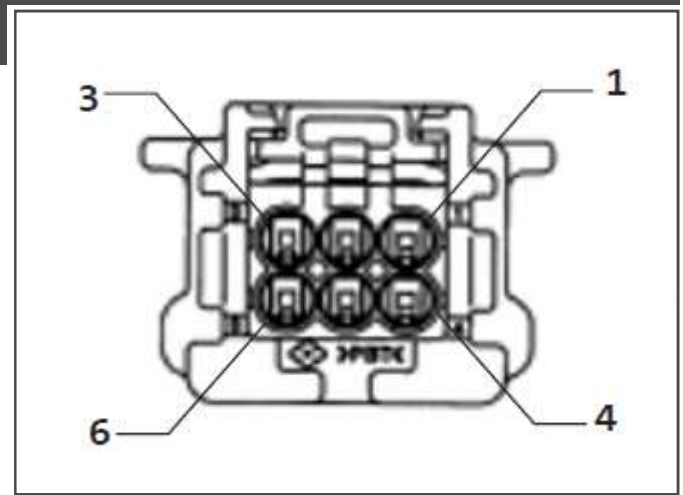


## STEP 15

- Proceed with step 15 if the Black Camera Connector P/ No: 6189-7334 is required.

**Note: The Camera will have the following number marking '12A59'.**

- Insert Camera harness wires into supplied Black Camera Connector as per table below.
- Ensure the Connector White secondary lock is engaged shut once wires are populated.



Rear View of Connector

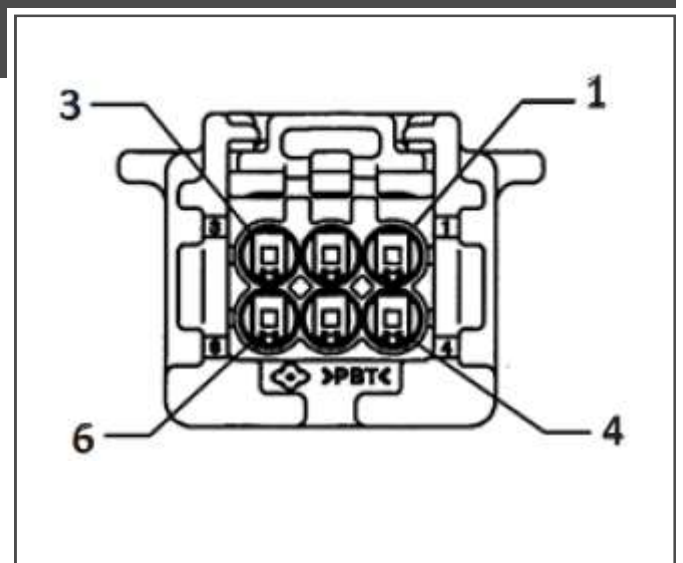
Terminal No.	Colour	Function
1	Black ( <b>Labeled GND</b> )	Ground
2	Yellow (4 core)	Camera Signal 4
3	Black (4 core)	Camera Signal 2
4	Red ( <b>Labeled +12V</b> )	Power
5	Green (4 core)	Camera Signal 3
6	Red (4 core)	Camera Signal 1

## STEP 16

- Proceed with step 16 if the Grey Camera Connector P/ No: 6189-7065 is required.

**Note: The Camera will have the following number marking '12790'.**

- Insert Camera harness wires into supplied Grey Camera Connector as per table below.
- Insert Cavity Plug in cavity 1 and 2.
- Tape unused wires back to harness separately.
- Ensure the Connector White secondary lock is engaged shut once wires are populated.



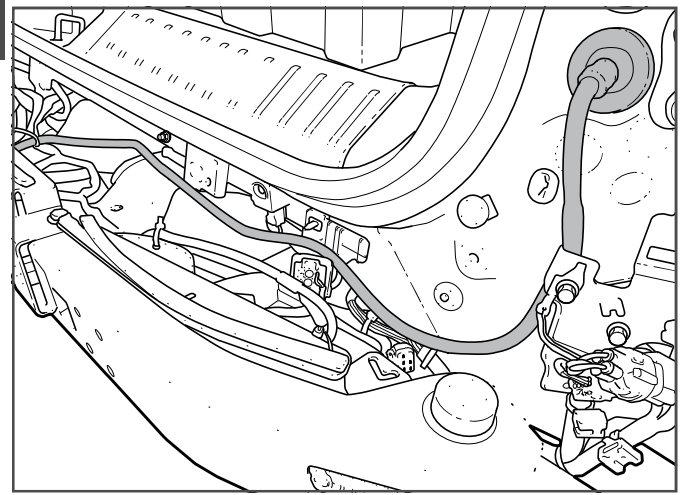
Rear View of Connector

Terminal No.	Colour	Function
1	Cavity Plug	-
2	Yellow (4 core)	Camera Signal 4
3	Black ( <b>Labeled GND</b> )	Ground
4	Cavity Plug	-
5	Green (4 core)	Camera Signal 3
6	Red ( <b>Labeled +12V</b> )	Power



## STEP 17

- Route Camera relocation harness along the rear bar harness as shown and connect to the camera.
- Secure the harness to the rear bar harness using the supplied cable ties.



## STEP 18

- Reinstall the bumper.
- Reconnect the vehicle battery & test the Reverse Camera & RPA Systems
- Reinstall the trims that have been removed.

NOTE: It may be necessary to drive the car a short distance to recalibrate the reverse camera.

