



TOYOTA

CAMRY

Accessory Part Number: PZQ85-33270
NOVEMBER 2017 PRODUCTION ONWARDS
Fitting Time: 30 minutes

Dash Camera Fitting Instruction

PARTS AND TOOLS REQUIRED – CAMRY DASH CAMERA

PZQ8533270 DASH CAMERA KIT

Description	QTY
Dash Camera Unit	1

Description	QTY
Dash Camera End Cap	1

Description	QTY
Dash Camera MicroSD Card	1

Description	QTY
Owner Manual	1

Description	QTY
Cable Guide Cord	1

Description	QTY
Dash Camera wire harness	1

Description	QTY
Cable Tie	18

Description	QTY
Protection Tape (NOT USED)	3

Description	QTY
Harness Tape	2

Description	QTY
Wire Harness Clip (NOT USED)	1

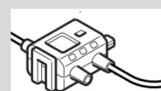
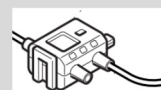
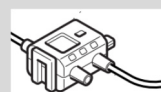
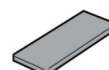
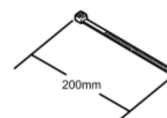
Description	QTY
Blue splice connector , red wire (0.3) (NOT USED)	1

Description	QTY
White splice connector, red wire (0.85) (NOT USED)	1

Description	QTY
Blue splice connector, yellow wire (0.3) (NOT USED)	1


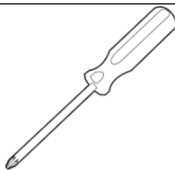


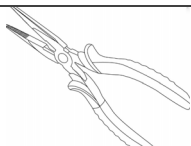
Description	QTY
White splice connector, yellow wire (0.85) (NOT USED)	1

Description	QTY
Alcohol wipe cleaner	1



PARTS AND TOOLS REQUIRED – CAMRY DASH CAMERA

TOOLS LIST

Description	QTY	Image
10mm socket	1	
8mm socket	1	
Phillips head screwdriver	1	
3M Trim removal tool (SPO84868 from Super Cheap Auto)	1	
10mm Torque Wrench (pre-set to 8.5Nm)	1	
Side cutters	1	
Plier	1	

1. PARTS REMOVAL – CAMRY DASH CAMERA

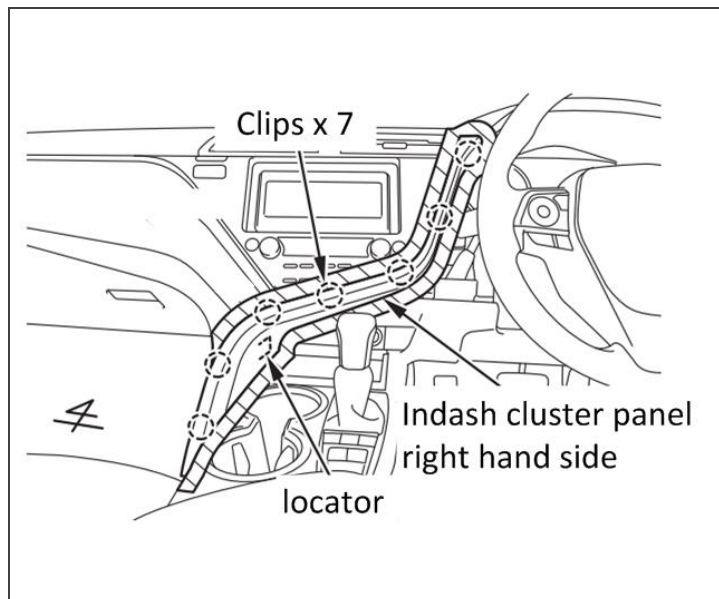
Step 1.

CAUTION

- Remove negative terminal of battery before proceeding with installation.
- When removing panels, take note of the location of clips as shown in diagrams.
- Unless otherwise instructed, have all temporarily removed parts stored in a safe location where no damage can occur.

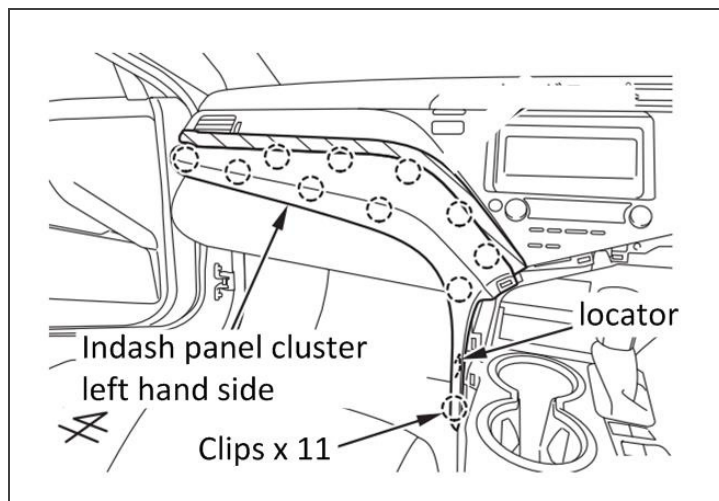
Remove the indash cluster panel right hand side

Unplug the connector behind the indash cluster panel right hand side.



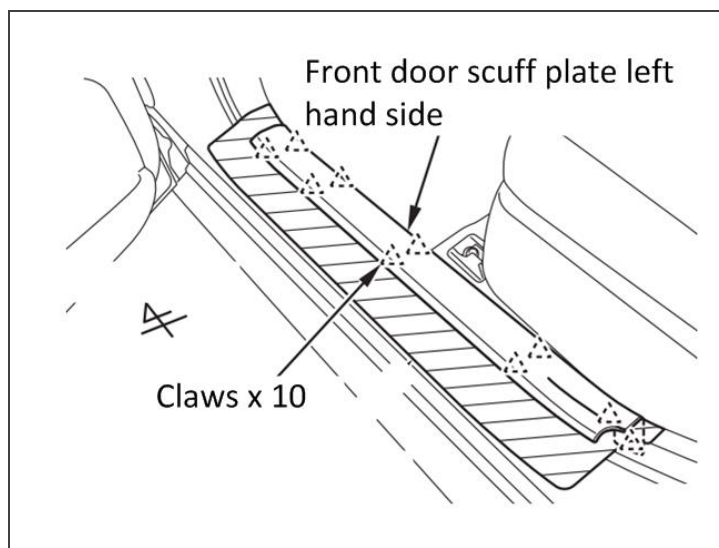
Step 2.

Remove the indash panel cluster left hand side



Step 3.

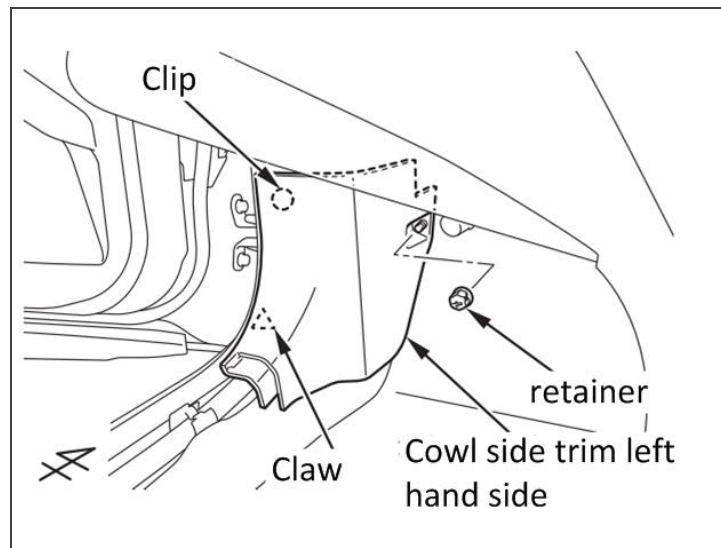
Remove the front door scuff plate left hand side



1. PARTS REMOVAL – CAMRY DASH CAMERA

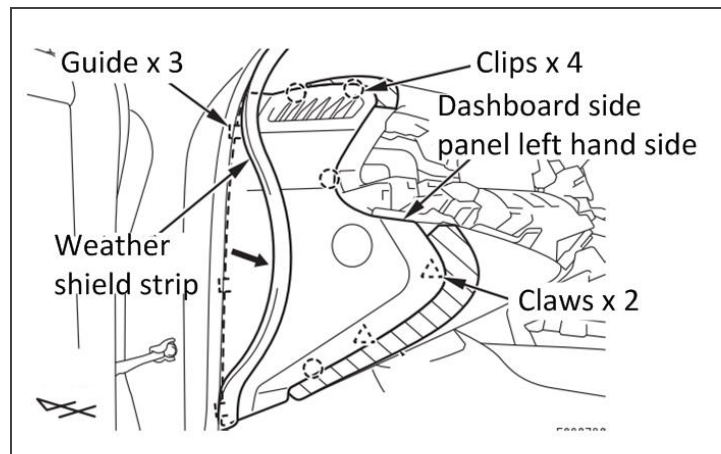
Step 4.

Remove the cowl side trim left hand side



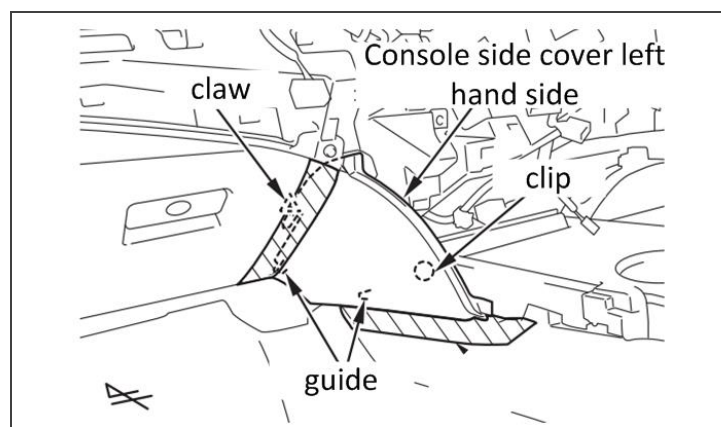
Step 5.

Remove the dashboard side panel left hand side



Step 6.

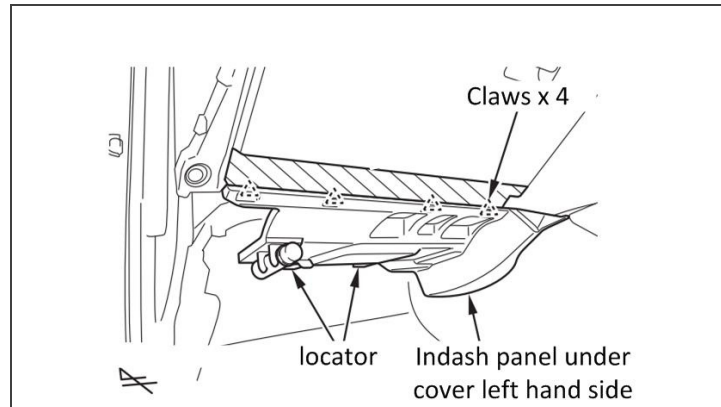
Remove console side cover left hand side



1. PARTS REMOVAL – CAMRY DASH CAMERA

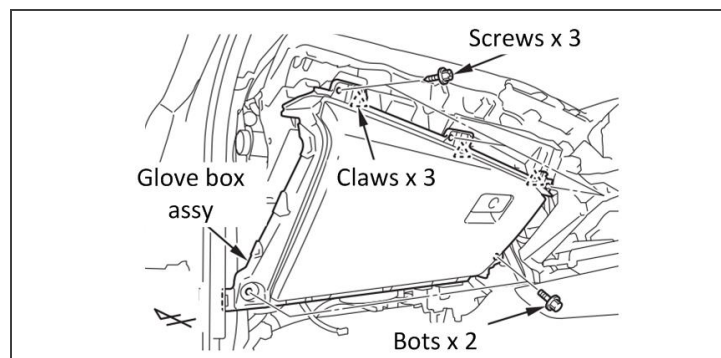
Step 7.

Remove the indash panel cover left hand side.
Unplug the connector behind the indash panel under cover left hand side



Step 8.

Remove the glovebox assy.
Unplug the connector on the top of the glovebox assy.



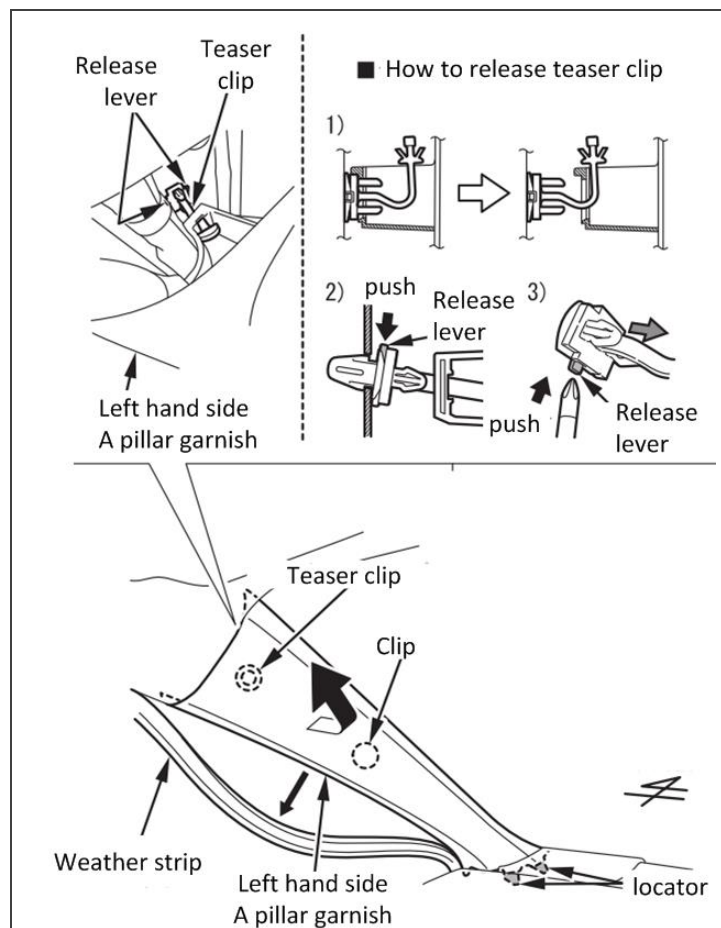
Step 9.

Remove the left hand side A pillar garnish by releasing the teaser clip as per instruction.

To release the teaser clip, pull to loose the front pillar garnish.
Push the top of the release lever and then push the bottom release lever, then the teaser clip will come out.

Please see the left pictures for the detail.

Once the teaser clip come out, pull and remove the left hand A pillar garnish



1. PARTS REMOVAL – CAMRY DASH CAMERA

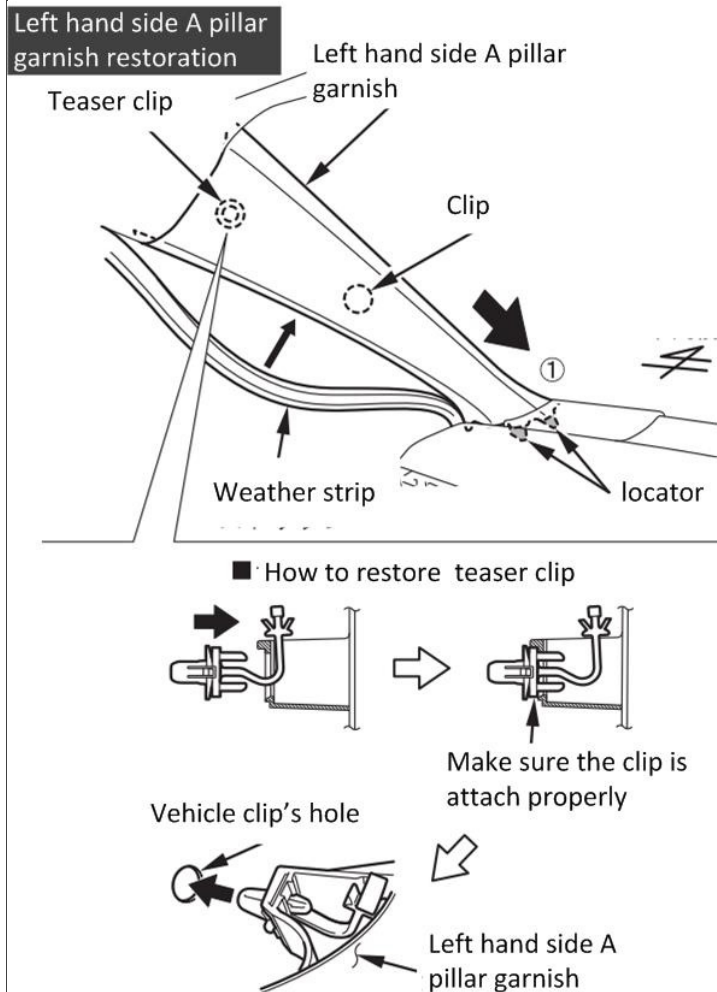
RESTORATION METHOD FOR FRONT PILLAR GARNISH

To restore the left hand side A pillar garnish, make sure to restore the teaser clip first.

To restore the teaser clip, put back the teaser clip into original position.

Make sure the clip is attach properly.

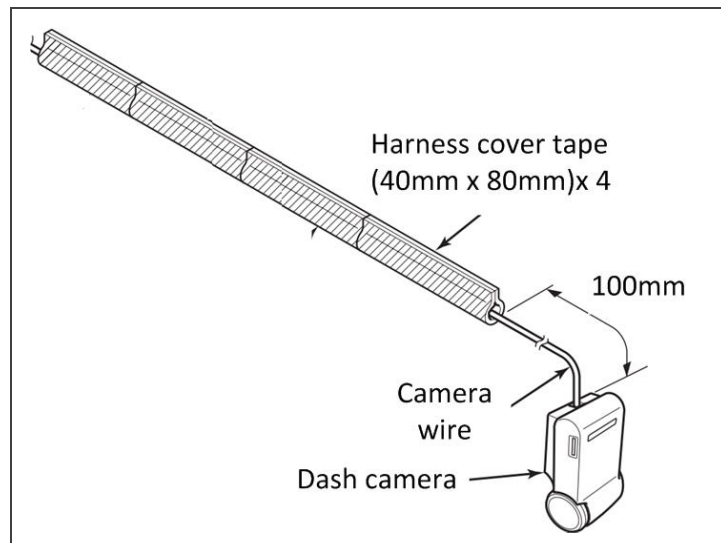
After restoring the teaser clip, put back the front pillar garnish, make sure that all the clips get into the vehicle clip's hole.



2. DASH CAMERA INSTALLATION- CAMRY DASH CAMERA

Step 1.

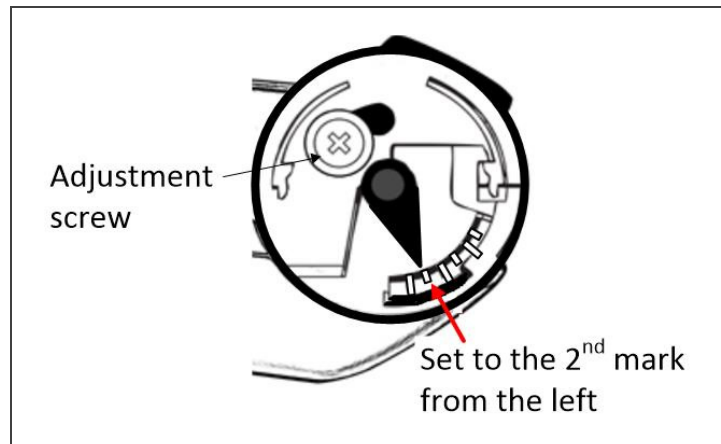
Prepare 4 harness tape (40mm x 80mm) and cover the dash camera wire as shown.



Step 2.

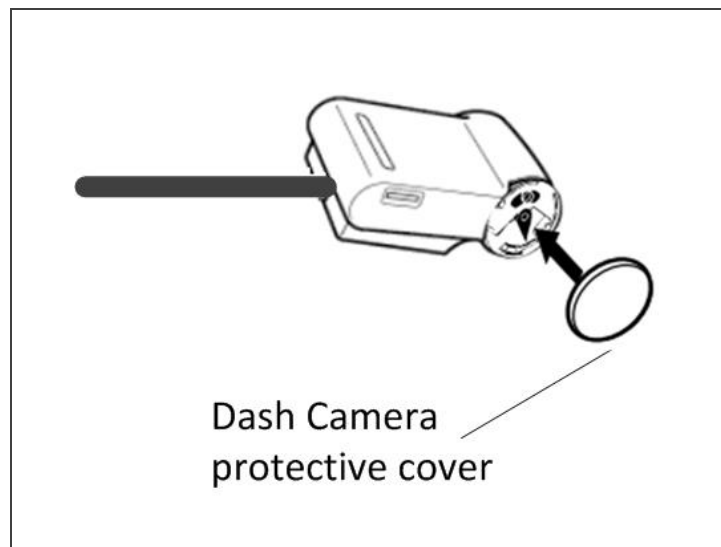
Untighten the adjustment screw of the Dash Camera and adjust the camera lens position to the 2nd mark from the left as per instruction.

After adjust the position, tighten the adjustment screw.



Step 3.

After adjustment process, install the dash camera protective cover.



2. DASH CAMERA INSTALLATION- CAMRY DASH CAMERA

Step 4.

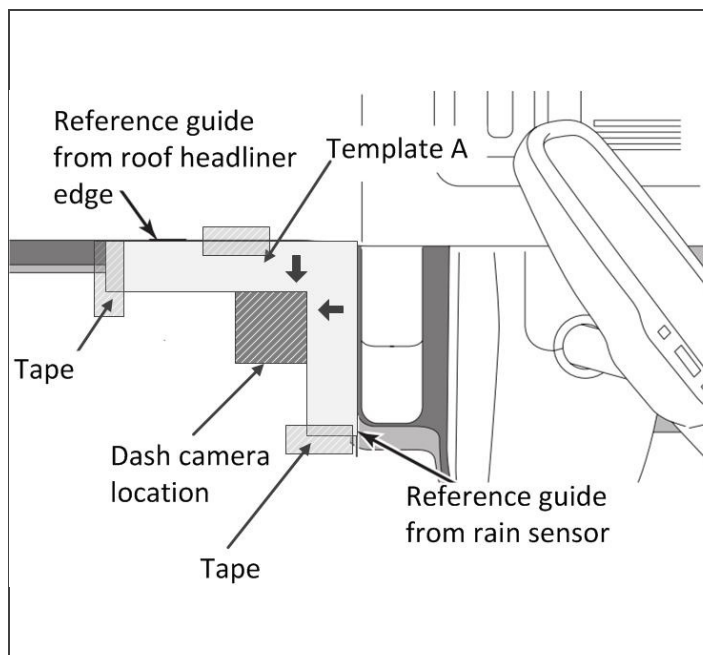
Step 4 to Step 5 is only for a vehicle with a rain sensor. For vehicles without rain sensors go straight to Step 6

NOTE

Prior to installing, clean inside of the windscreen in the area to be installed using alcohol wipe cleaner

Prepare Template A and adjust the template to the roof headliner edge and the rain sensor as shown.

Use sticky tape to hold the template.

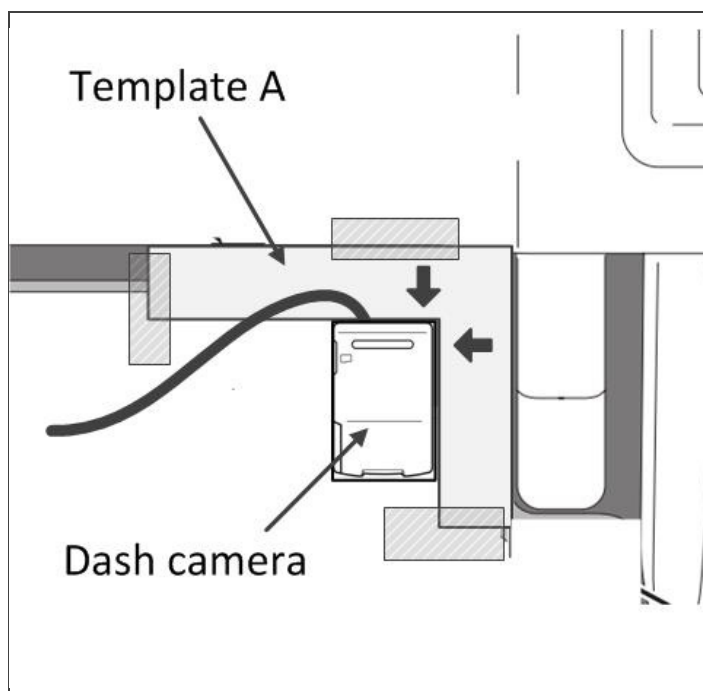


Step 5.

Peel out the adhesive tape on the dash camera.

Stick the dash camera, by adjusting it to the template "arrow" mark as shown.

Skip to step 8.



2. DASH CAMERA INSTALLATION- CAMRY DASH CAMERA

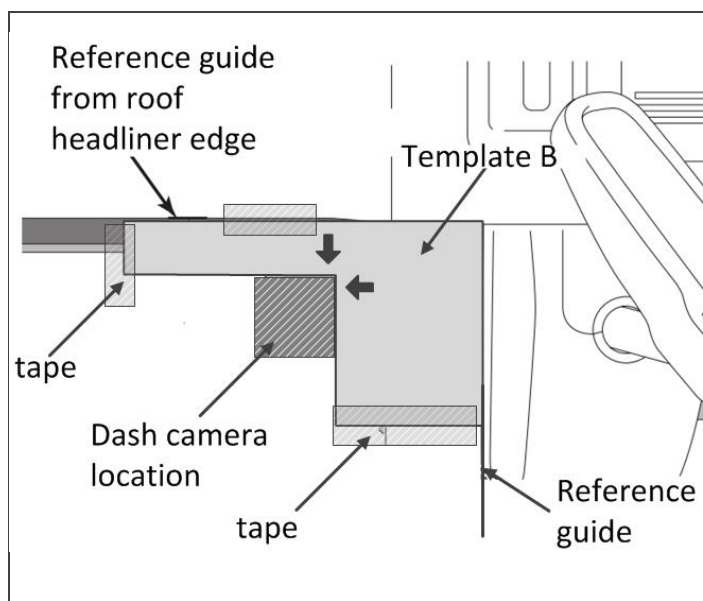
Step 6.

Step 6 to Step 7 is for vehicles without rain sensors.

NOTE

Prior to installing, clean inside of the windscreen in the area to be installed using alcohol wipe cleaner

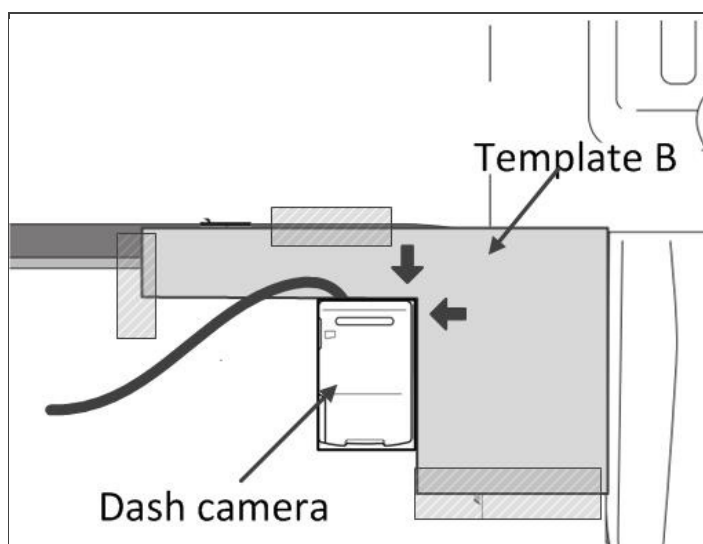
Prepare template B and adjust the template to the roof headliner edge and rear view mirror dimmer sensor as shown. Use sticky tape to hold the template.



Step 7.

Peel out the adhesive tape on the dash camera.

Stick the dash camera, by adjusting it to the template "arrow" mark as shown.

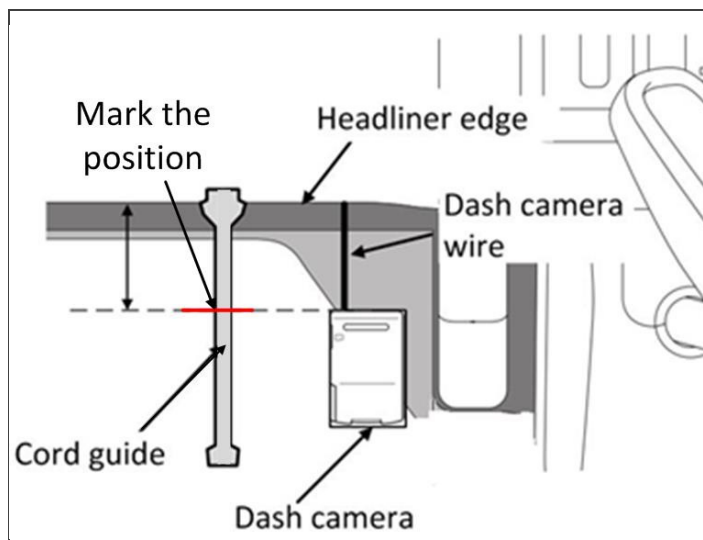


Step 8.

Route the dash camera wire inside the headliner.

Prepare the cord guide and measure the length from the larger end to the dash camera unit as shown.

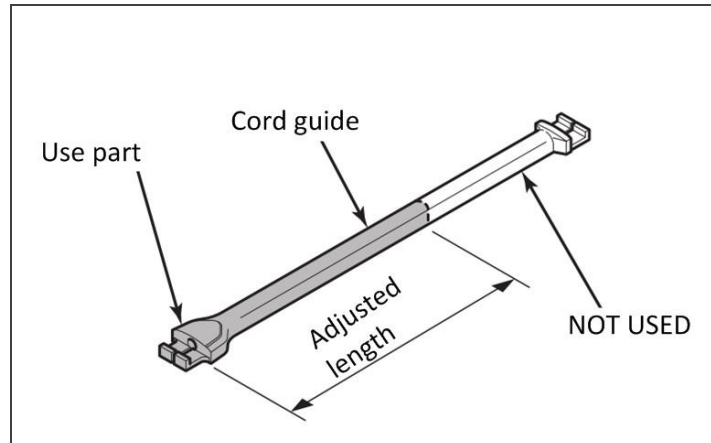
Mark the desire length.



2. DASH CAMERA INSTALLATION- CAMRY DASH CAMERA

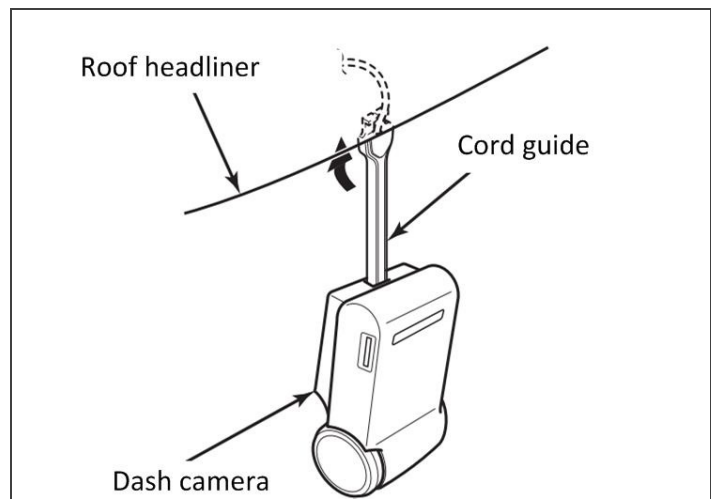
Step 9.

After the measuring, cut the adjusted length of the cord guide.

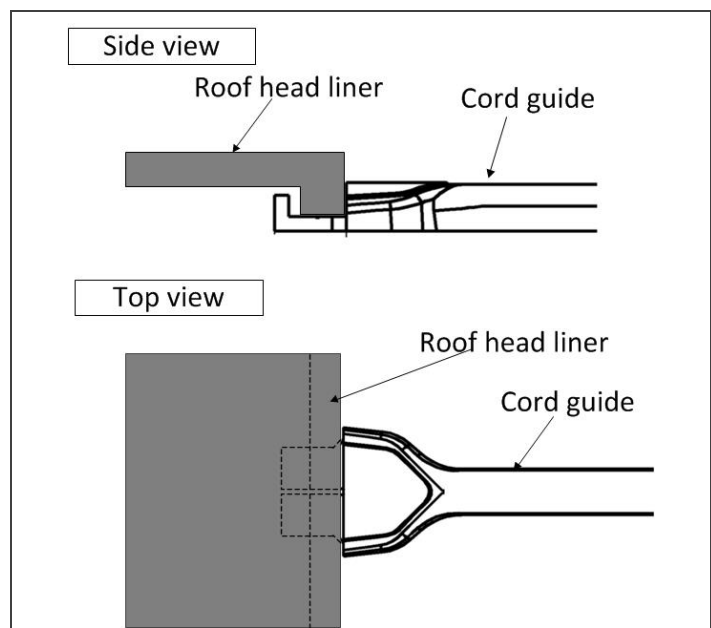


Step 10.

Insert the Dash camera wire into the cord guide and then install the cord guide to the roof headliner as shown.



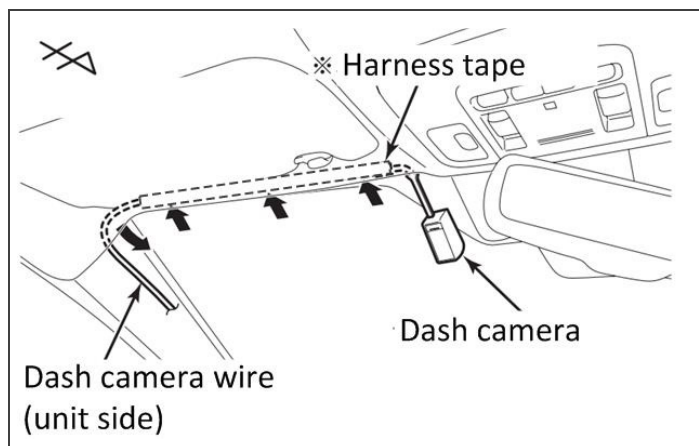
Please see the side view and top view of the cord guide installation for reference.



2. DASH CAMERA INSTALLATION- CAMRY DASH CAMERA

Step 11.

Route the Dash camera wire harness to the Left Hand A pillar area.

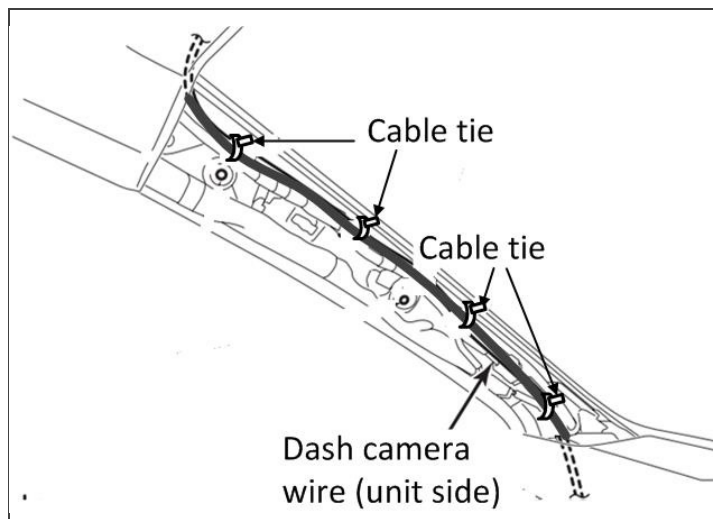


Step 12.

Cable tie the dash camera wire to the existing vehicle harness. 2 at each end and 2 in the middle as shown.

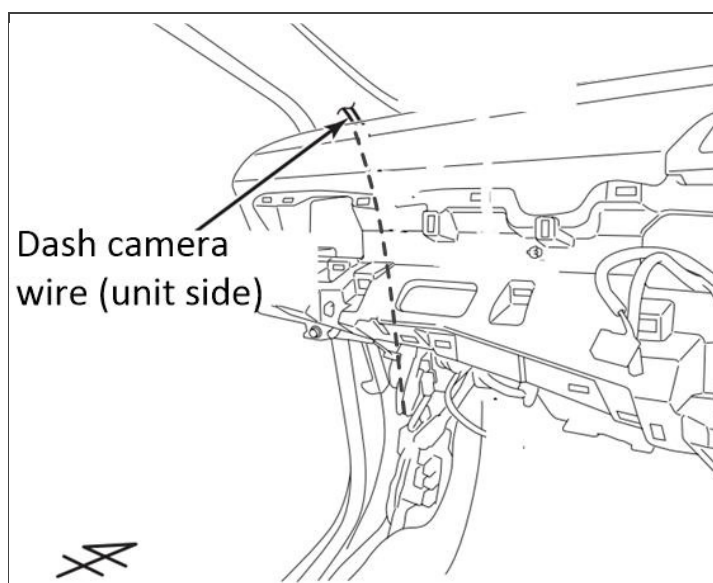
CAUTION

Do not cable tie the vehicle water hose



Step 13.

Route the dash camera wire harness to the glove box area.



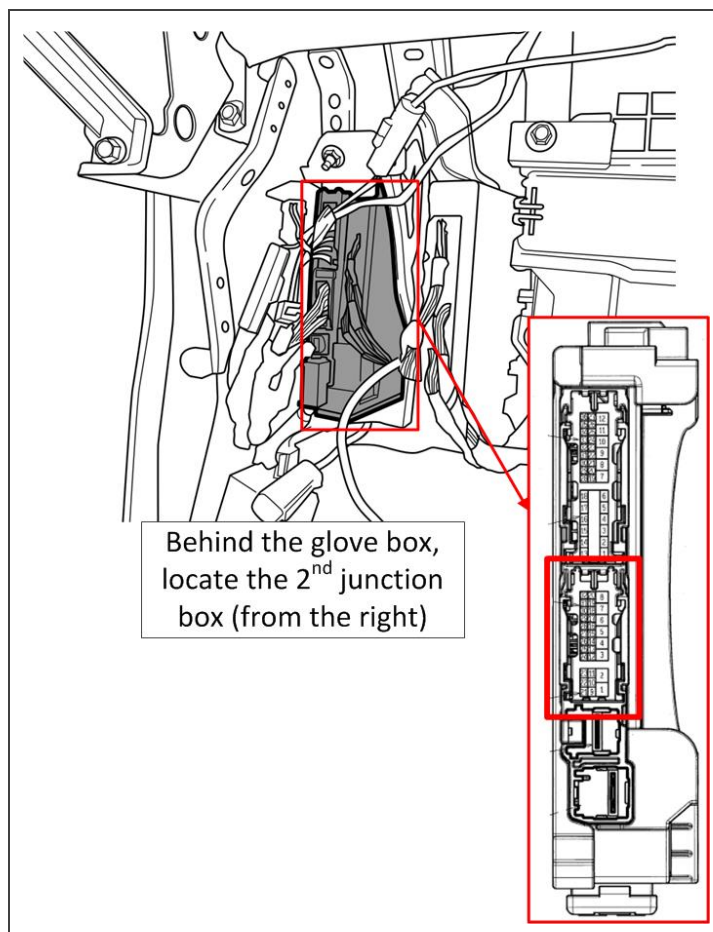
2. DASH CAMERA INSTALLATION- CAMRY DASH CAMERA

Step 14.

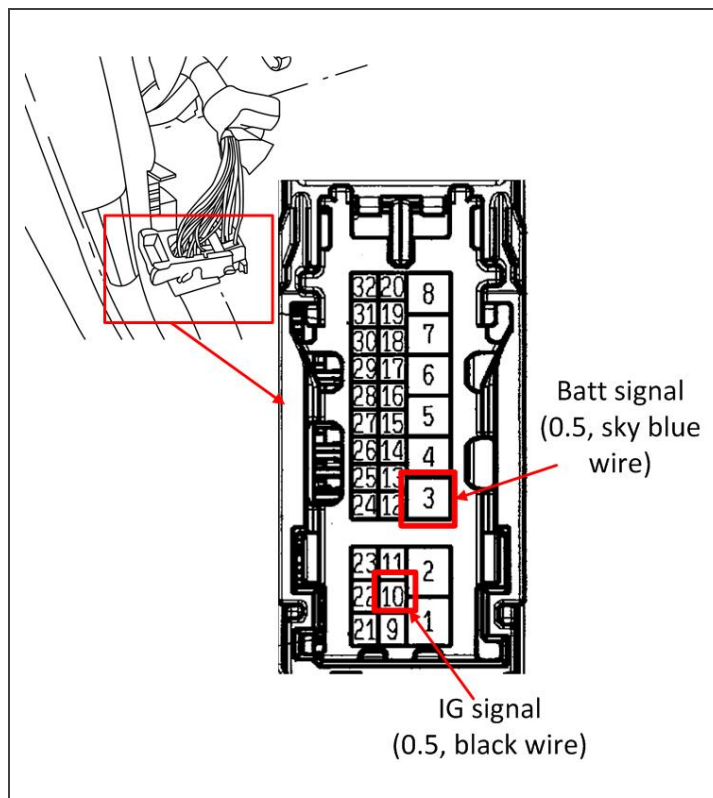
Vehicle battery signal and IG signal.

Locate junction box shown behind the glove box area as shown.

Then locate the 32 pin connector shown.



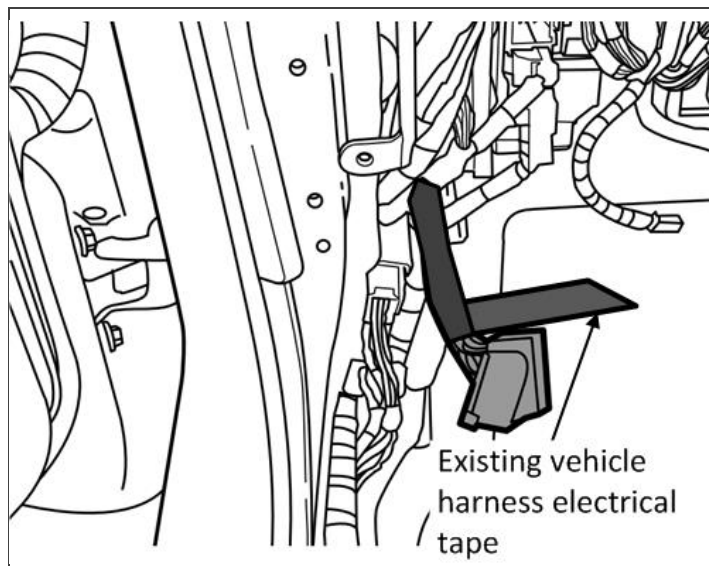
Remove the 32 pin connector and locate the vehicle battery signal and IG signal as shown.



2. DASH CAMERA INSTALLATION- CAMRY DASH CAMERA

Step 15.

Unwrap a portion of the PVC tape from the back of the connector harness to get easy access to the vehicle battery signal and IG signal.



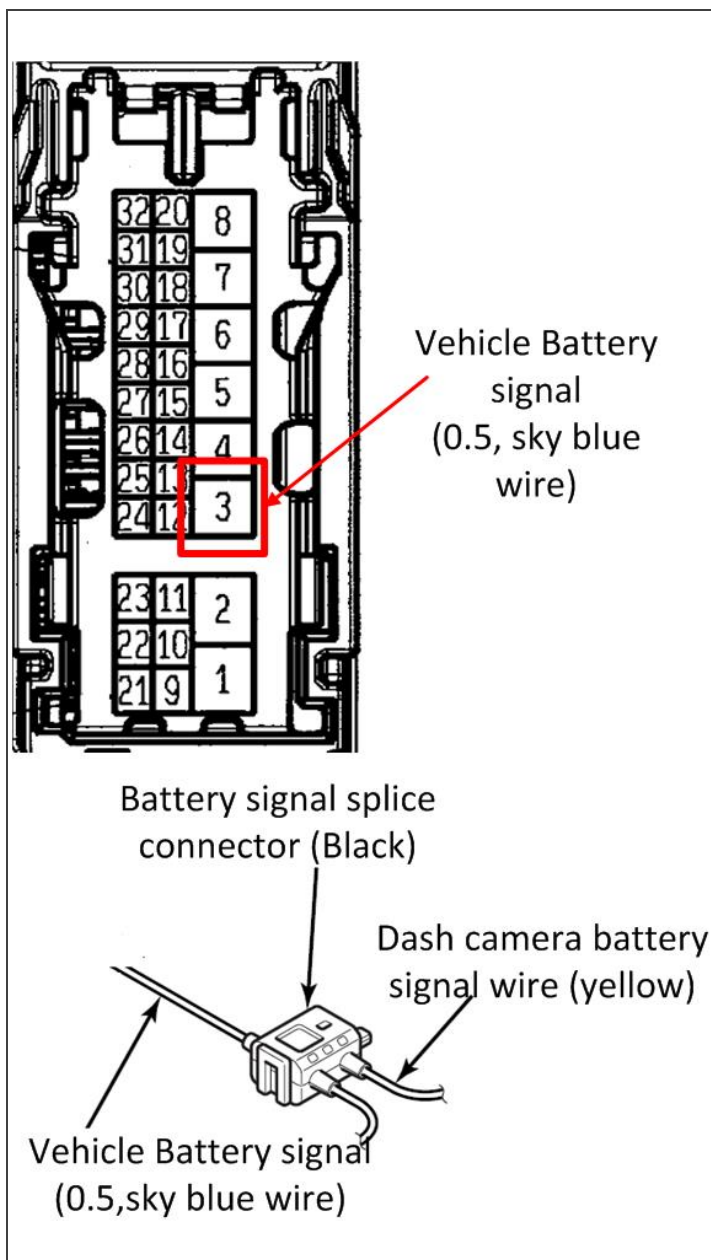
2. DASH CAMERA INSTALLATION- CAMRY DASH CAMERA

Step 16.

Battery Signal installation

Prepare dash camera wire harness battery signal wire (black splice connector with yellow wire)

Locate the vehicle Battery signal (Sky blue wire pin no3) and then splice the vehicle Battery signal using black splice connector with yellow wire.



2. DASH CAMERA INSTALLATION- CAMRY DASH CAMERA

Step 17.

IG signal installation

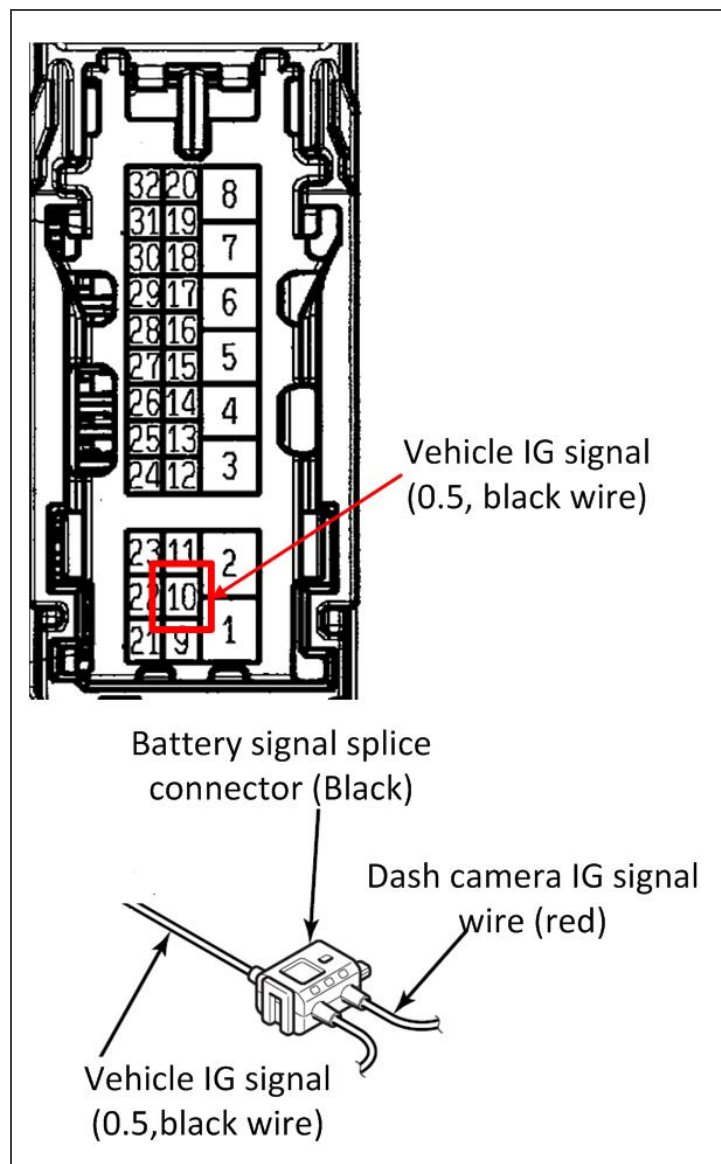
Prepare dash camera harness IG signal wire (black splice connector with red wire)

Locate the vehicle IG signal (black wire pin no10) and then splice the vehicle IG signal using black splice connector with red wire.

CAUTION

Before re-inserting the connector into the Junction Box, re-wrap the exposed harness with PVC tape.

Re connect the connector back to junction box.



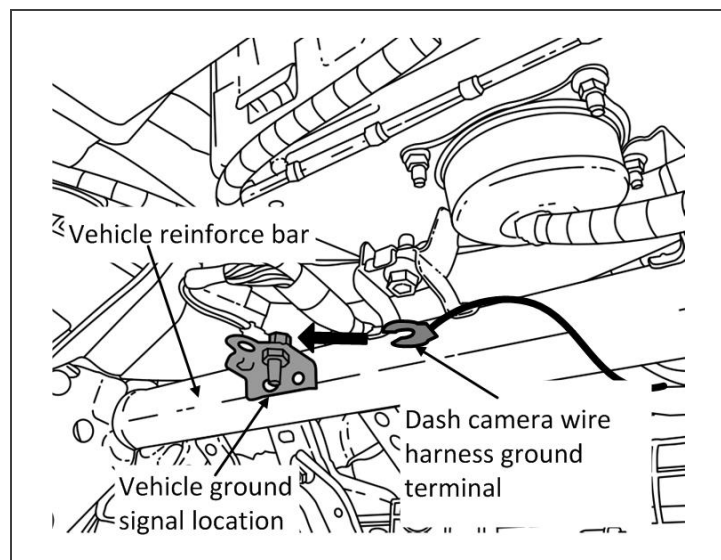
Step 18.

Ground signal installation

Locate the vehicle ground signal Installation location as shown. Loosen the bolt of the vehicle ground terminal and the Dash Camera wire harness ground terminal on the top of the vehicle ground terminal.

CAUTION

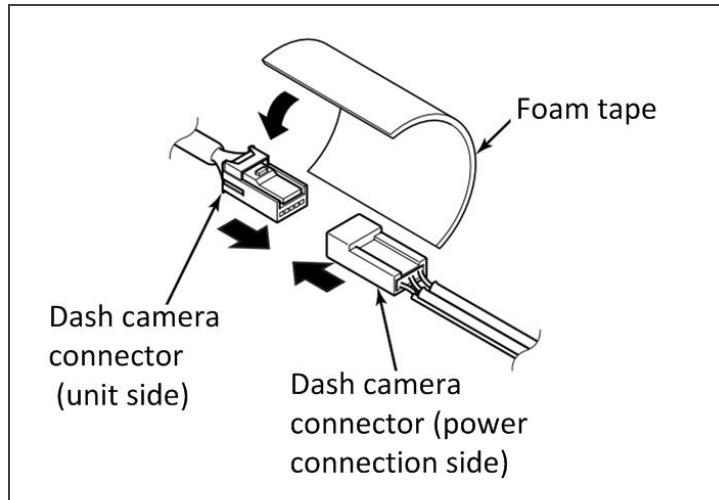
Re-install the bolt to **8.5 N.m.** Make sure all the existing vehicle wire ground is install properly.



2. DASH CAMERA INSTALLATION- CAMRY DASH CAMERA

Step 19.

Connect the Dash Camera inter connector and then apply foam tape.

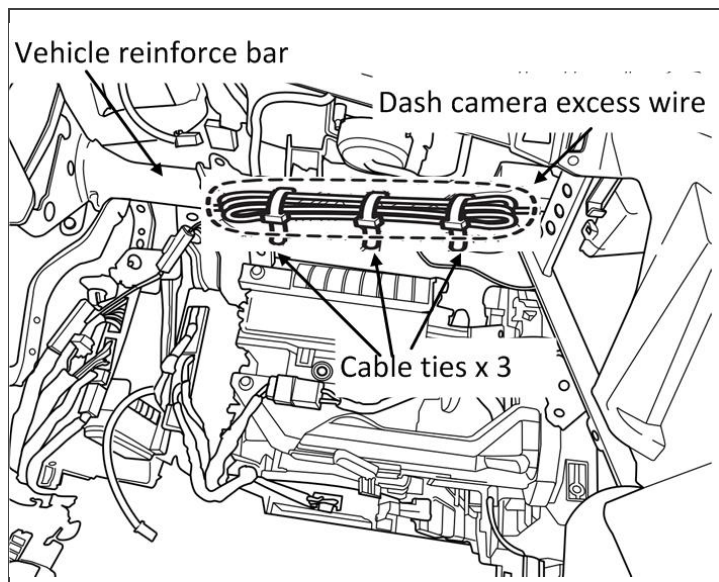


Step 20.

Cable tie the excess wire harness at below reinforcement bar as shown.

CAUTION

When bundle the excess wire, make sure to not pull tight the wire. It could damage the wire or the connector

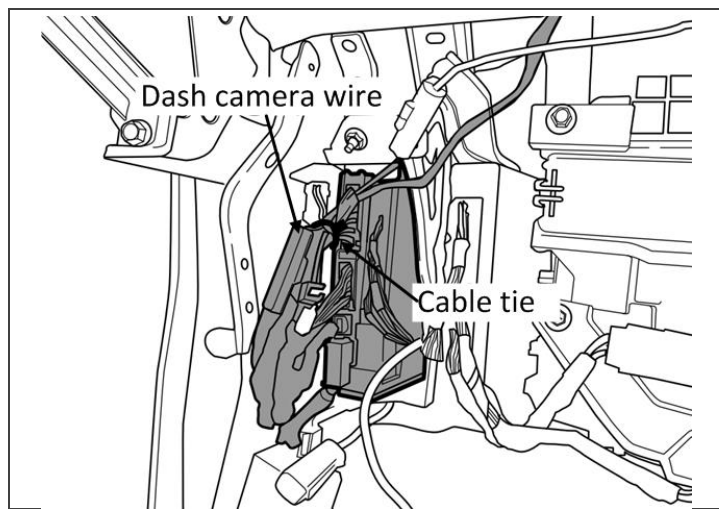


Step 21.

Cable tie the Dash camera wire (IG signal wire and Battery wire) to the existing vehicle harness as shown

CAUTION

Make sure the wire not too tight. It could damage the wire or the connector

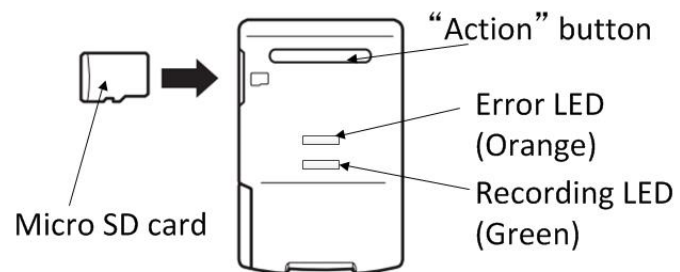


3. SYSTEM CHECK AND REINSTALLATION– CAMRY DASH CAMERA

Step 1.

Dash Camera Initial Setting

- 1) Insert the Micro SD card into the Dash Camera.
- 2) Re connect the battery
- 3) Take the vehicle outside and park in open area to get proper GPS signal.
- 4) Turn off the power (ACC OFF) and wait until the Dash Camera LED light is off (for about 1 minutes)
- 5) Perform the calibration setting. Press and hold “Action” button and turn the vehicle engine ON.
- 6) The Dash Camera will start the booting process.
When booting process completed there will be a double high tone “beep” sound and green LED light will switch ON. Then release the “Action” button.
If there is no “beep” sound, repeat step 4) – 6) again.
- 7) Switch OFF the vehicle engine, and wait until the Dash Camera LED light is OFF (for about 1 minutes).
- 8) Start the vehicle engine again
- 9) Check the error light. If the error light is still ON, repeat step 7) again. Error light will switch OFF when GPS signal acquired.



Step 2.

Part Re installation

Re-install all temporary removed parts. Ensure that all panels are correctly aligned and that no gaps are present.

Check that all switches function correctly as per vehicle specifications.

Place the Dash Camera Owner's Manual inside the Glove Box.

DASH CAMERA CIRCUIT DIAGRAM

