



TOYOTA

C-HR

OCTOBER 2018 PRODUCTION ONWARDS

Part No: PZQ85-3327

Fitting Time: 30 minutes

Dash Camera

Fitting Instruction

General Notes

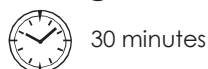
- Read through the fitting instructions before installation of accessory.
- Always install the accessory following the fitting instructions. Failure to do so JUNE cause damage to the vehicle or the accessory.
- Ensure all recyclable discarded vehicle accessory components and packaging are recycled following local recycling regulations.
- It is always recommended that this accessory is fitted by a qualified Toyota Technician.
- Safely store and protect any removed vehicle components.
- Ensure all bare metal surfaces are protected using Automotive Bare Metal Primer and touch-up paint.
- Remove all metal swarf and dust from all vehicle surfaces if surface is used for accessory installation.

Safety Notes






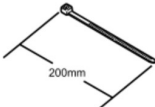









- Check that all work practices comply with safety standards.
- Please wear appropriate clothing and use safety equipment.



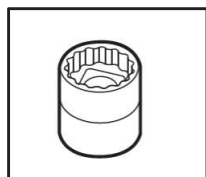
Fitting Time



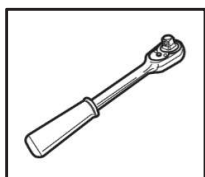
Parts Supplied

A  Dash camera module x 1	B  End cap x 1	C  Micro SD card x 1	D  Cable guide cord x 1	E  Dash camera wire harness x 1	F  200mm Cable ties x 18
G  Protection tape x 3 (NOT USED)	H  Harness tape x 2	I  Wire harness clip x 1 (NOT USED)	J  Blue splice connector, red wire (0.3) x 1 (NOT USED)	K  Blue splice connector, yellow wire (0.3) x 1	L  White splice connector, red wire (0.85) x 1 (NOT USED)
M  White splice connector, yellow wire (0.85) x 1 (NOT USED)	N  CLEANER Alcohol wipe x 1	O  Owner Manual			

– Tools and Material Required



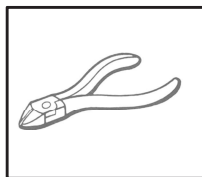
8mm and 10mm



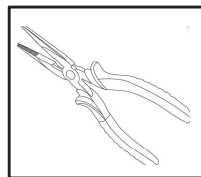
Ratchet



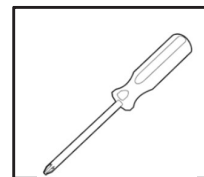
10mm Torque Wrench
(pre-set to 8.5Nm)



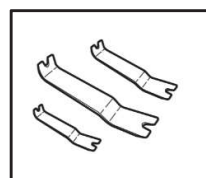
Side cutter



Plier



Phillip head screw



Trim removal tool

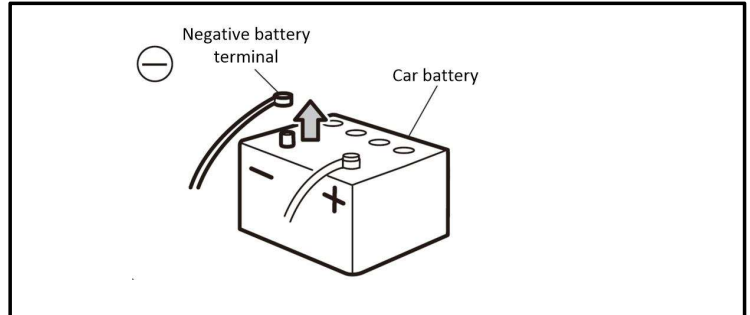
– Step 1

- Disconnect the negative battery terminal

Important

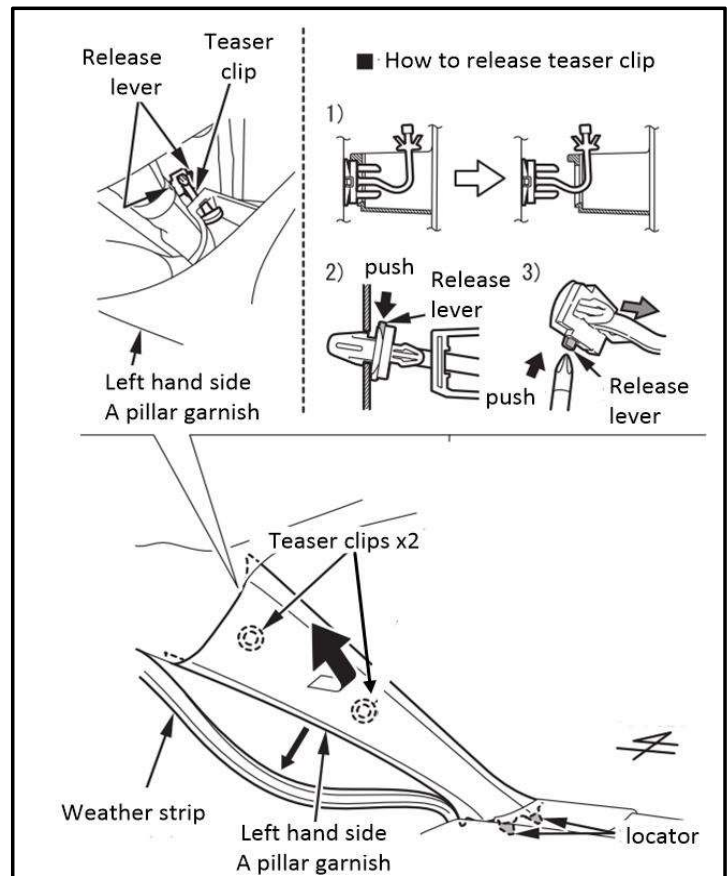


Always refer to the vehicle's Workshop Manual when removing vehicle components.

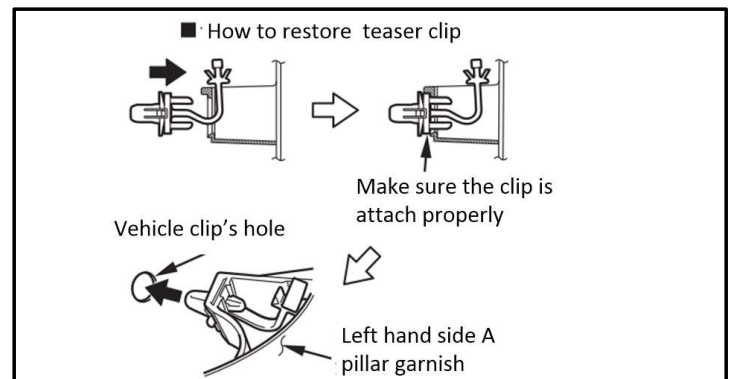


– Step 4

- Remove the weather strip from left hand side A pillar panel.
- Loosen the left hand side A pillar panel
- Remove left hand side A pillar panel by removing the teaser clip as shown.

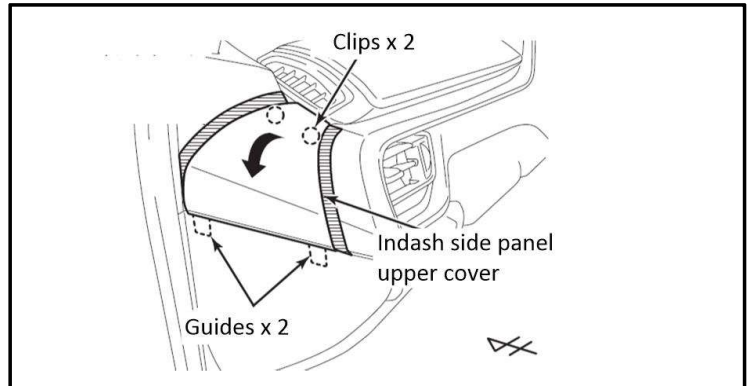


- To restore the teaser clip, put back the teaser clip into original position.
- Make sure the clip is attach properly.



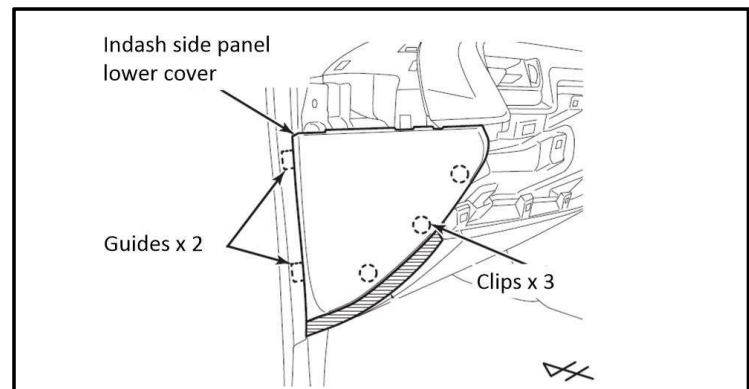
– Step 5

- Remove the indash side cover left hand side upper cover



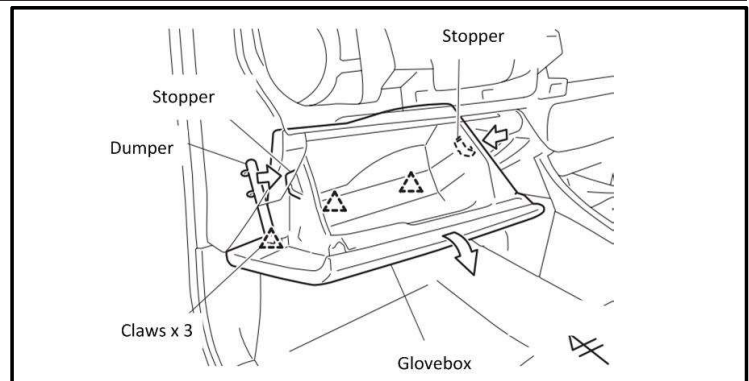
– Step 6

- Remove the indash side cover left hand side lower cover



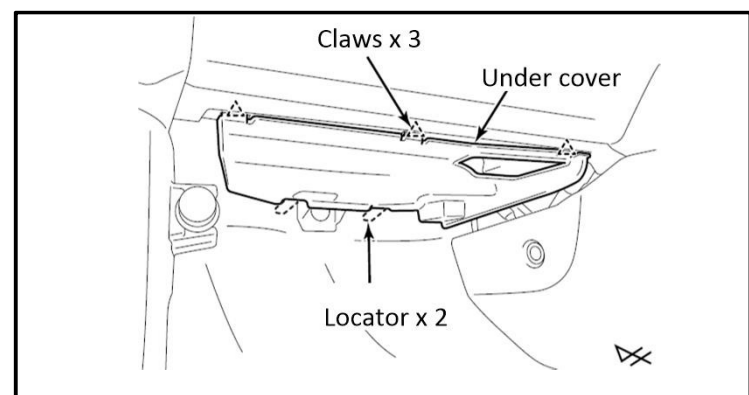
– Step 7

- Remove glovebox



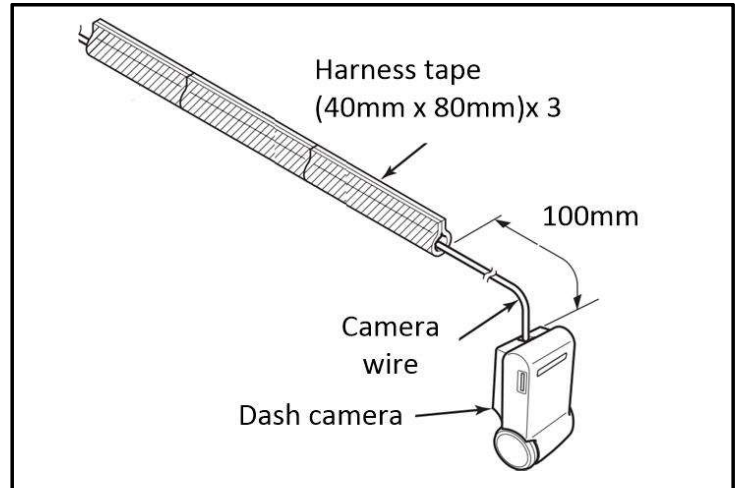
– Step 8

- Remove glove box under cover



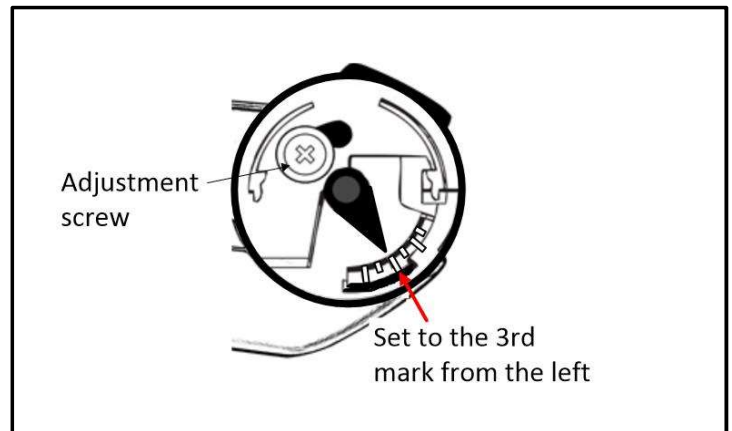
– Step 9

- Prepare 3 harness tape (40mm x 80mm).
- Cover the dash camera wire as shown.



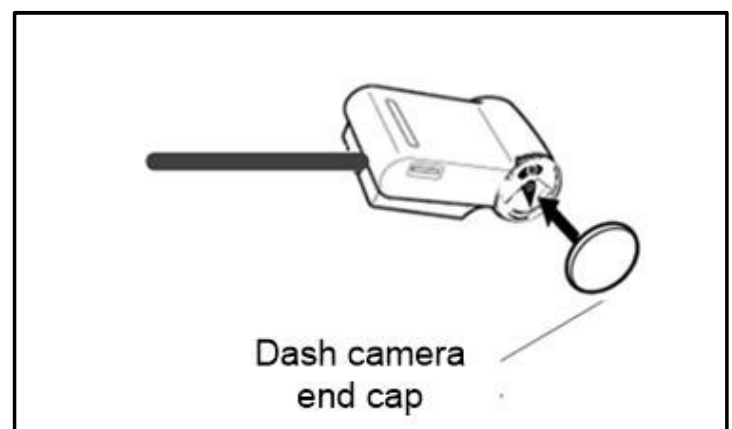
– Step 10

- Untighten the adjustment screw of the Dash camera
- Adjust the camera lens position to the 3RD mark from the left as per instruction




– Step 11

- Install the dash camera end cap

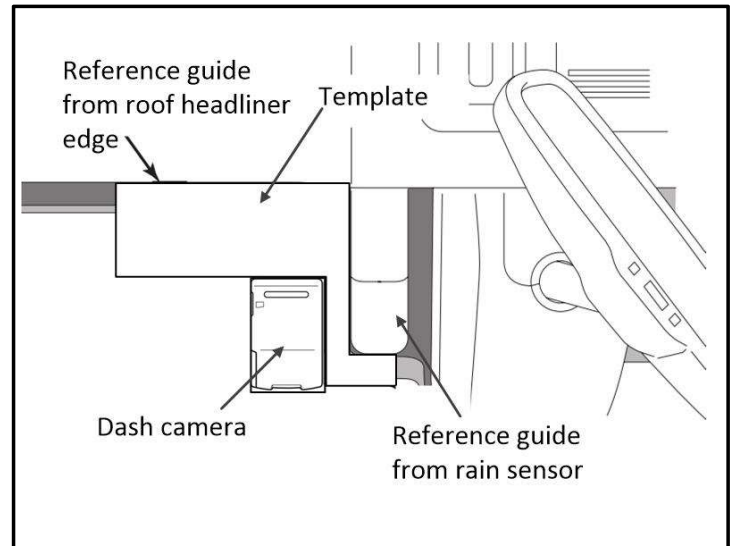


– Step 12

Important


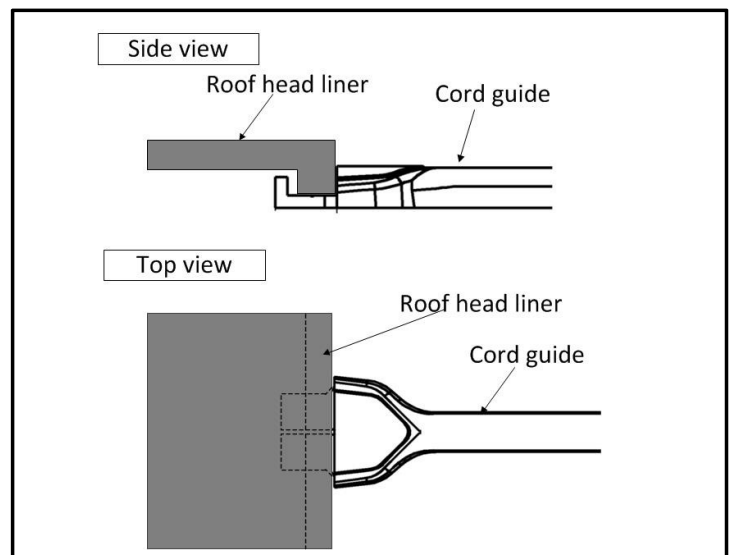
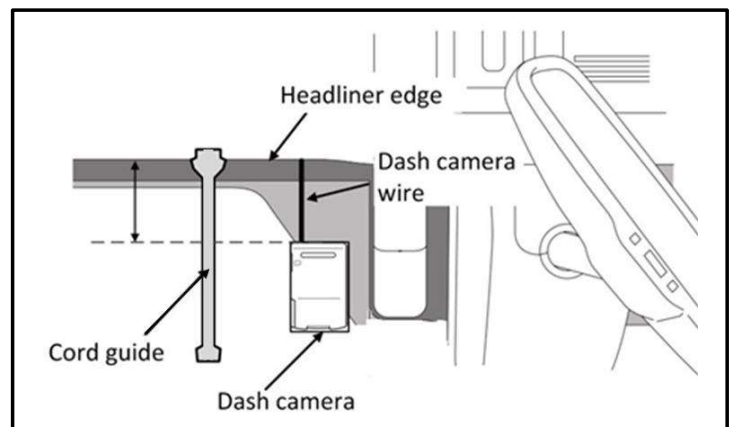
Prior to installing, clean inside of the windscreen in the area to be installed using alcohol wipe cleaner

- Prepare fitting template and adjust the template to the roof headliner edge and Toyota Safety Sense sensor as shown.
- Use sticky tape to hold the template.
- Peel out the adhesive tape on the dash camera.
- Stick the dash camera, by adjusting it to the template next to "arrow" mark as shown.



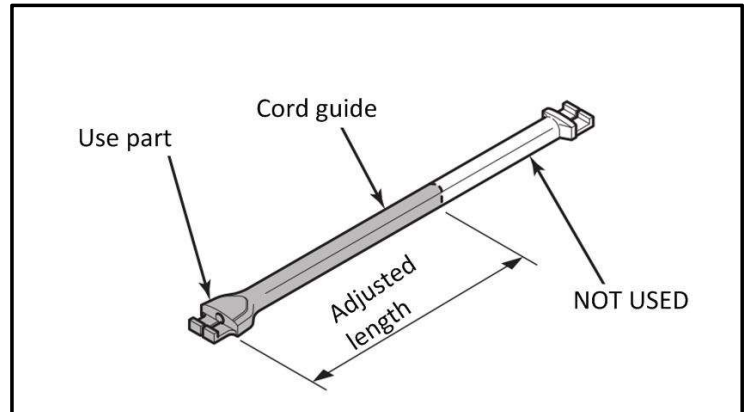
– Step 13

- Route the dash camera wire inside the roof headliner
 - Prepare the cord guide and measure the length from the larger end to the dash camera
 - Mark the desire length.
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- Please see the side view and top view of the cord guide installation for reference.



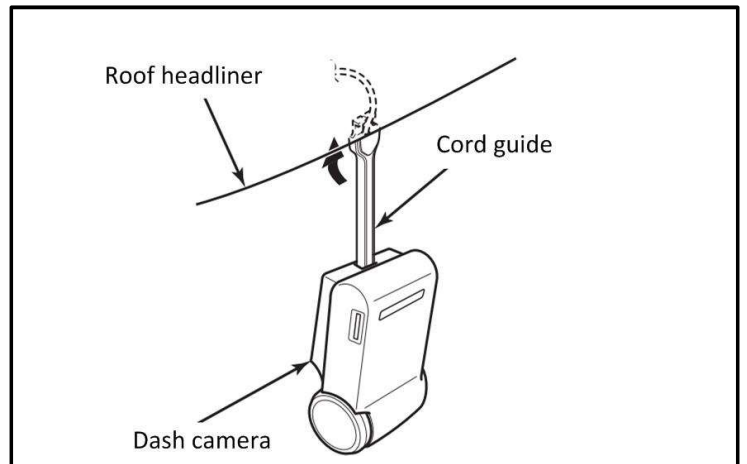
– Step 14

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



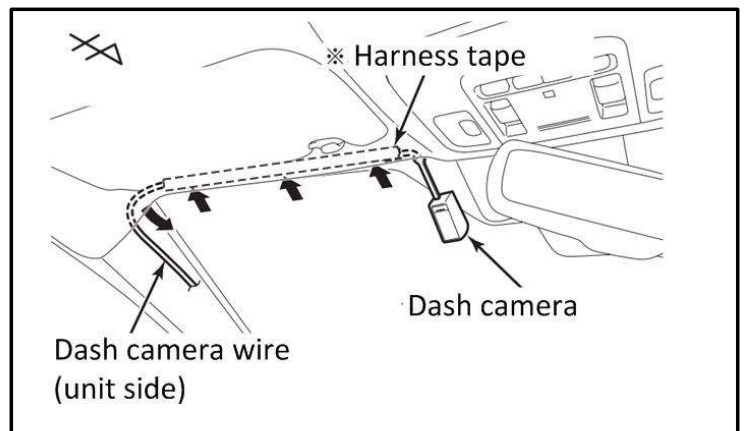
– Step 15

- Insert the Dash camera wire into the cord guide
- Install the cord guide to the roof headliner as shown.



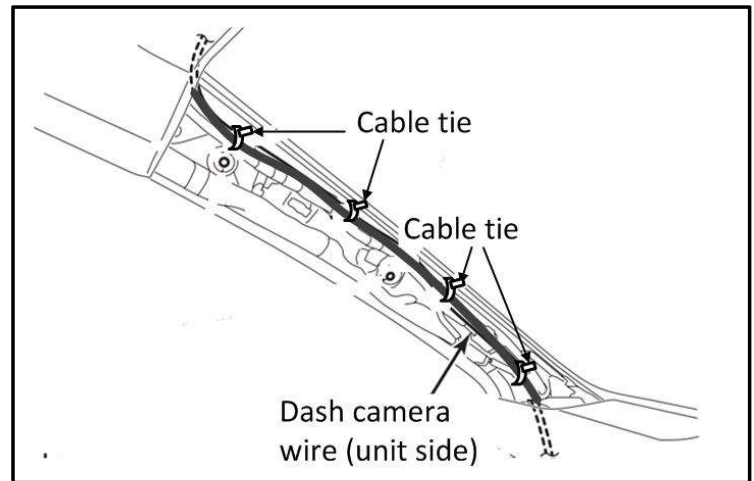
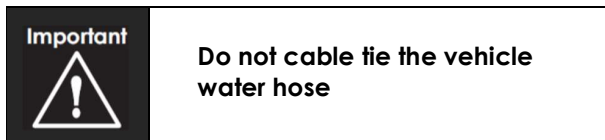
– Step 16

- Route the dash camera wire to the left hand side A pillar area.



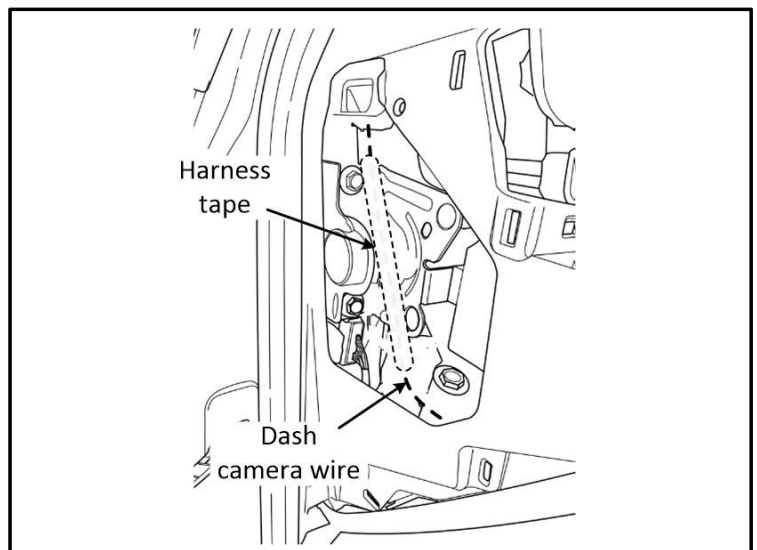
– Step 17 –

- Cable tie the dash camera wire to the existing vehicle wire.



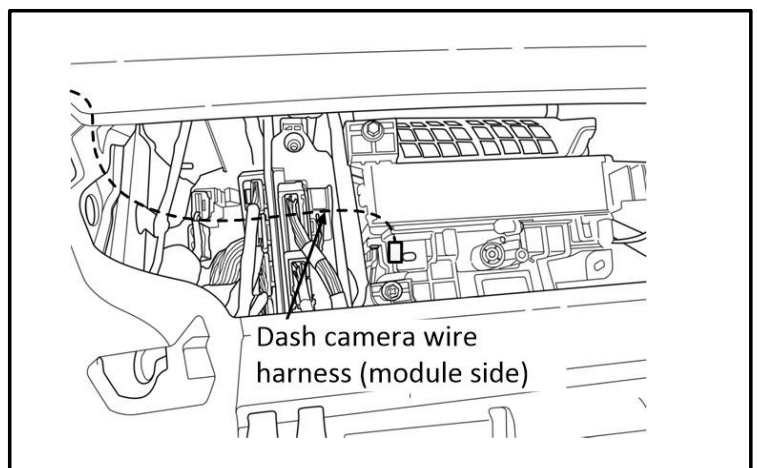
– Step 18 –

- Route the dash camera wire through the indash side cover left area.
- Apply harness tape on to the dash camera wire to protect wire from the sharp object



– Step 19 –

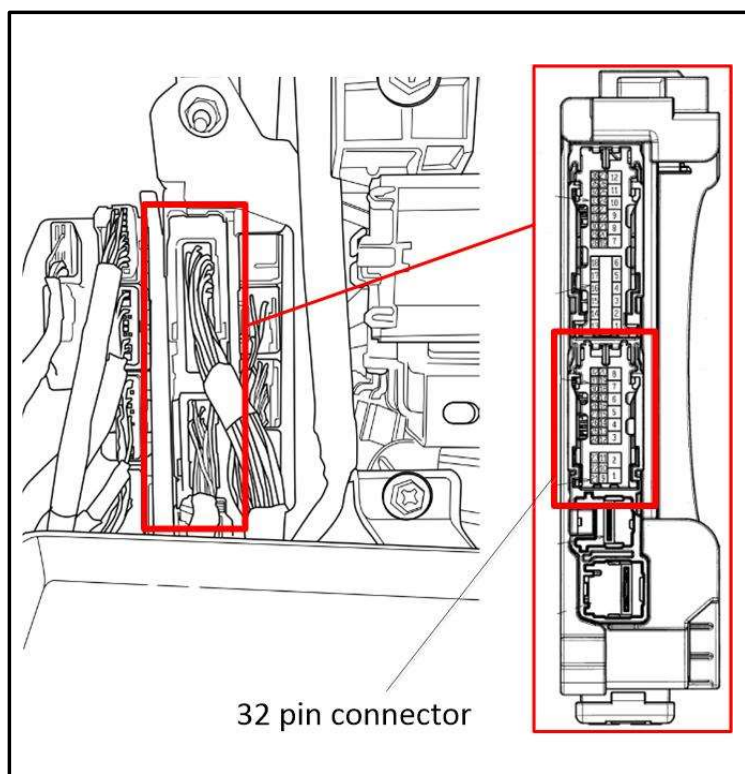
- Route the dash camera wire to the glovebox area, next to the junction box



—Step 20—

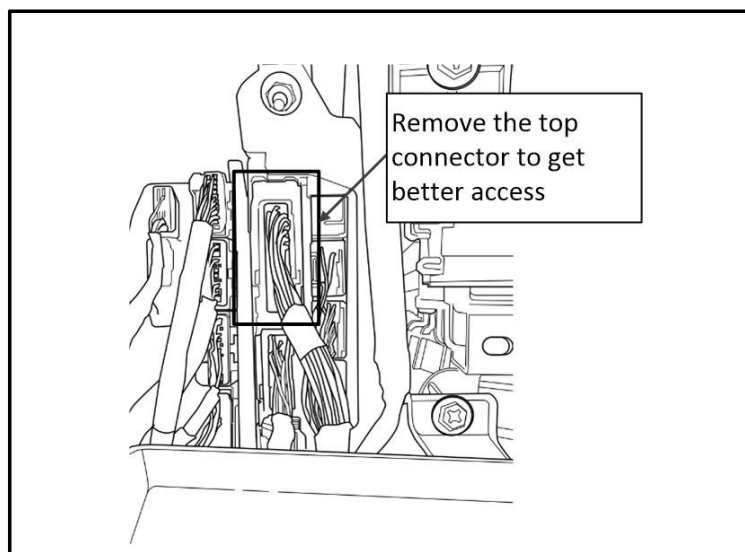
Vehicle Battery and IG signal Location

- Locate junction box (2nd junction box from the right) behind the glove box area as shown.
- Then locate the 32 pin connector shown.



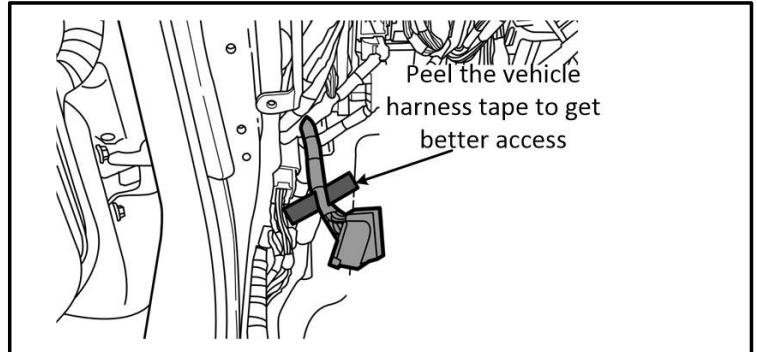
— Step 21 —

- Remove the top connector on junction box to get better access for below connector.



– Step 22

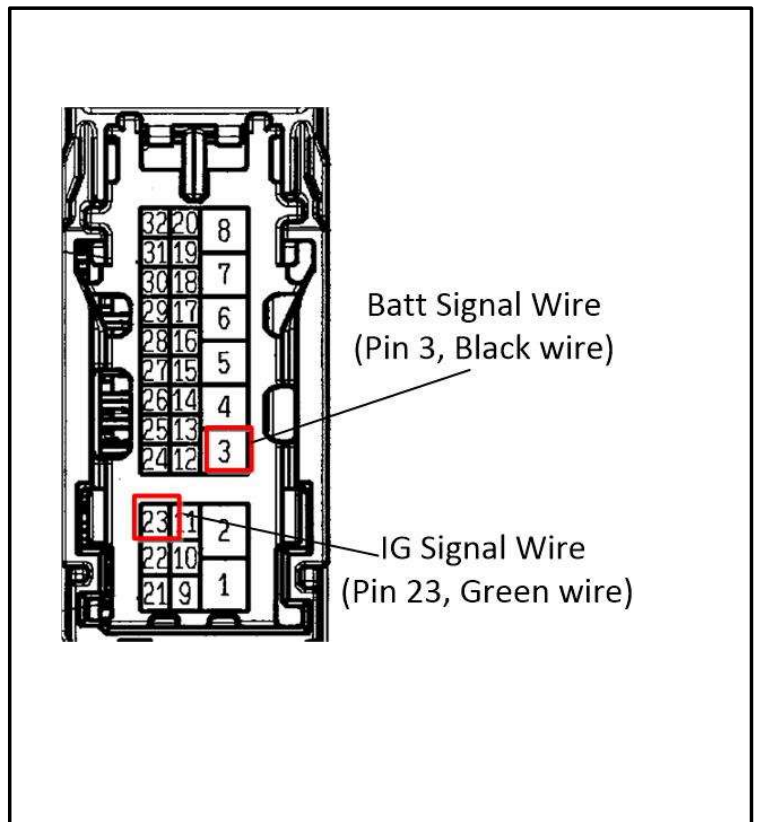
- Remove the 32 pin connector from junction box.
- Unwrap a portion of the PVC tape from the back of the connector harness to get easy access to the vehicle battery signal and IG signal.



- Locate Battery signal wire (Pin 3, Black wire)
- Locate IG signal wire (Pin 23, Green wire)

Important


The connector view is from wire side



– Step 23

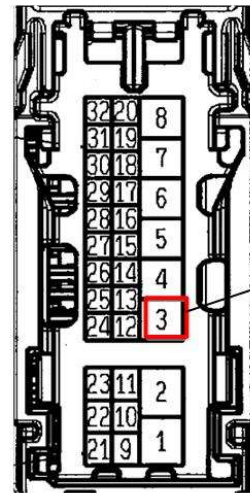
Battery signal installation

- Prepare **Yellow** wire Blue Splice connector.
- Splice **Yellow** wire of the Blue Splice connector using Black Splice connector yellow wire
- Locate the vehicle Battery signal (**Black** wire pin no 3)
- Splice the vehicle Battery signal using Blue Splice connector with **Yellow** wire.

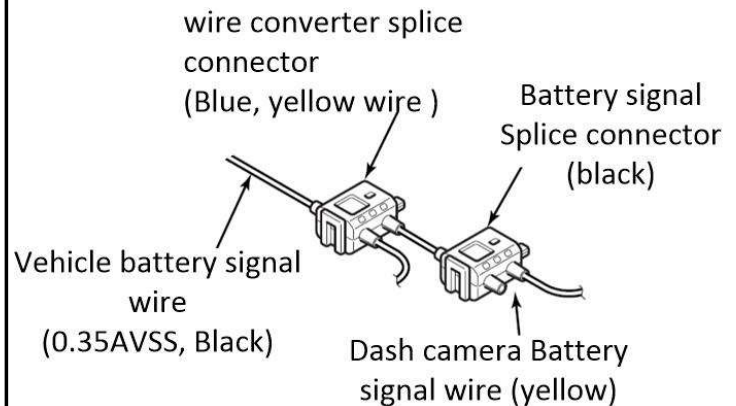
Important



The connector view is from wire side



Batt Signal Wire
(Pin 3, black wire)



– Step 24

IG signal installation

- Prepare **red** wire Black Splice connector.
- Locate the vehicle Battery signal (**Green** wire pin no23)
- Splice the vehicle IG signal using Black Splice connector with **Red** wire.

Important



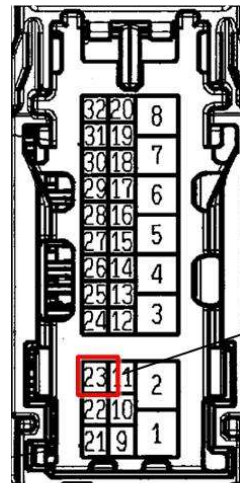
The connector view is from wire side

Important



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

- Reconnect all connectors back to junction box.



IG Signal Wire
(Pin 23, Green wire)

IG signal splice
connector (Black)

Dash camera IG signal
wire (red)

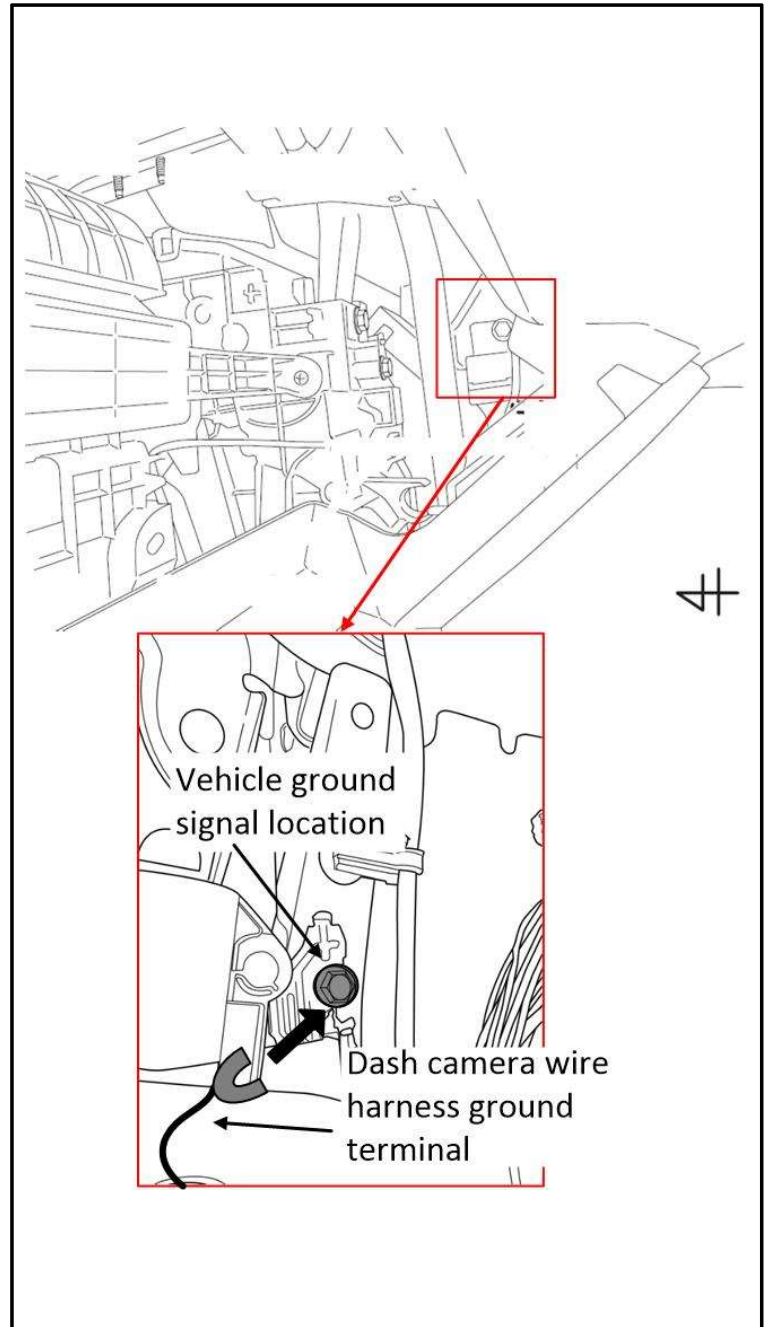
IG signal wire
(0.5AVSS, green)

– Step 25

Ground signal installation

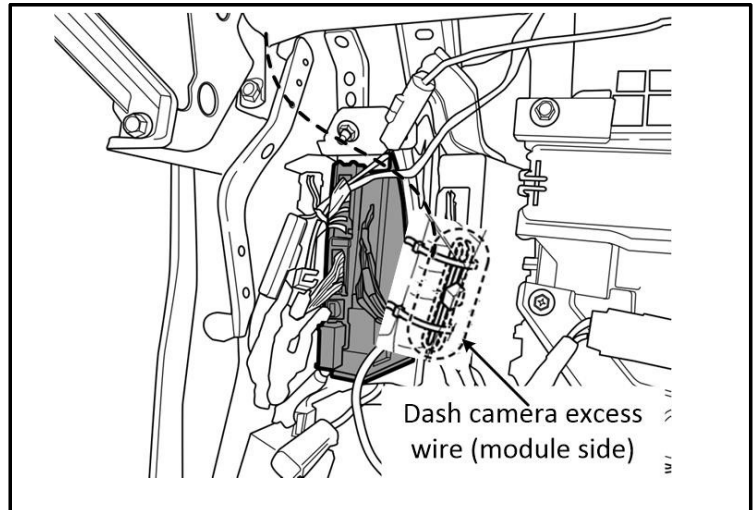
- Locate the ground terminal on the right hand side of the glove box area as shown.
- Loosen the vehicle ground terminal's bolt.
- Insert the dash camera ground terminal.
- Tighten back the bolt.

<p>Important</p> 	<p>Re-install the bolt to 8.5 N.m.</p>
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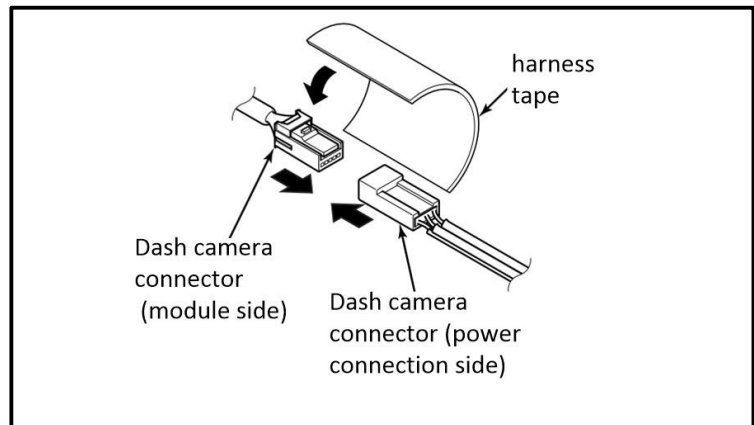
– Step 26

- Bundle the module side excess wire to the existing wire harness near the junction box.



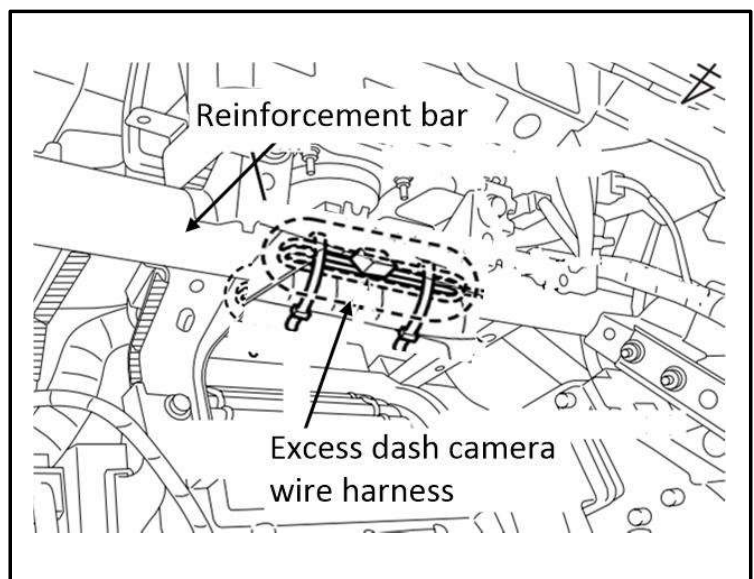
– Step 27

- Connect the Dash Camera inter connector and then apply harness tape.



– Step 28

- Bundle the rest excess wire to reinforcement bar in glovebox area.

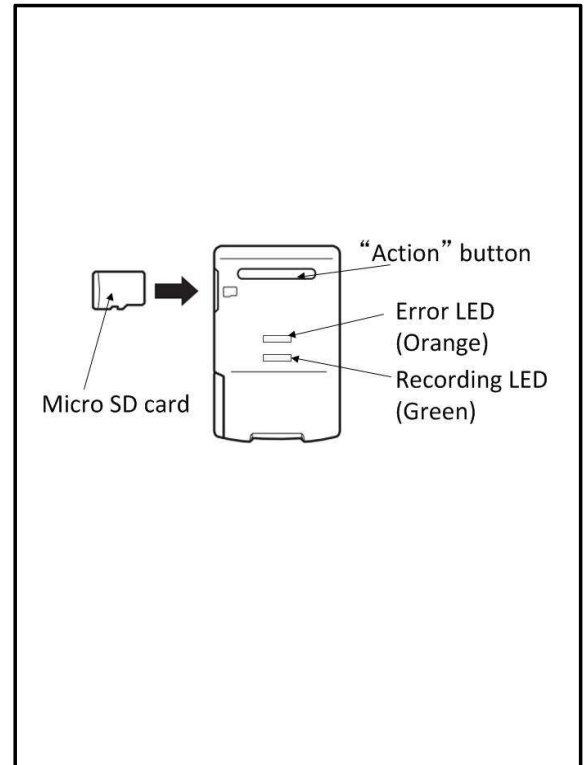





– Step 29

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 minute)
- 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 minute).
- 8) Start the vehicle engine again

Check the error light. If the error light is still ON, repeat step 7) again. Error light will switch OFF when GPS signal acquired.



	Important Refit all removed parts and secure all fasteners to the Service Manual torque specifications.
	Important Reprogram all radio stations and clock settings by referring to the vehicle's owner manual.
	Please place the owner manual in the glove box after installation is completed.

DASH CAMERA CIRCUIT DIAGRAM

