



TOYOTA

LC70

AUGUST 2018 PRODUCTION ONWARDS

Part No: PZQ85-33270

Fitting Time: 30 minutes

Dash Camera Fitting Instruction

General Notes

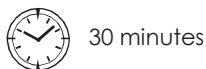
- Read through the fitting instructions before installation of accessory.
- Always install the accessory following the fitting instructions. Failure to do so may cause damage to the vehicle or the accessory.
- Ensure all recyclable discarded vehicle accessory components and packaging are recycled following 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





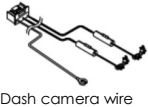
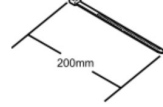









- Check that all work practices comply with safety standards.
- Please wear appropriate clothing and use safety equipment.

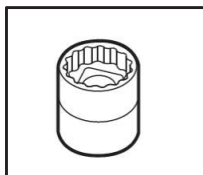


Fitting Time

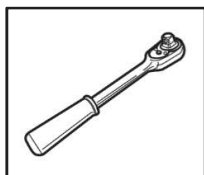


Parts Supplied

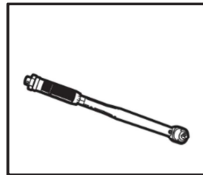
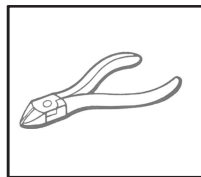
A  Dash camera module x 1	B  End cap x 1	C  Micro SD card x 1	D  Cable guide cord x 1 (NOT USED)	E  Dash camera wire harness x 1	F  200mm Cable ties x 18
G  Protection tape x 3 (NOT USED)	H  Harness tape x 2	I  Wire harness clip x 1 (NOT USED)	J  Blue splice connector, red wire (0.3) x 1 (NOT USED)	K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

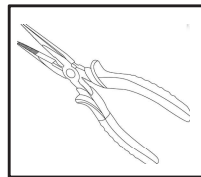
8mm and 10mm



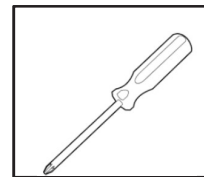
Ratchet

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

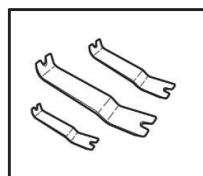
Side cutter



Plier



Phillip head screw



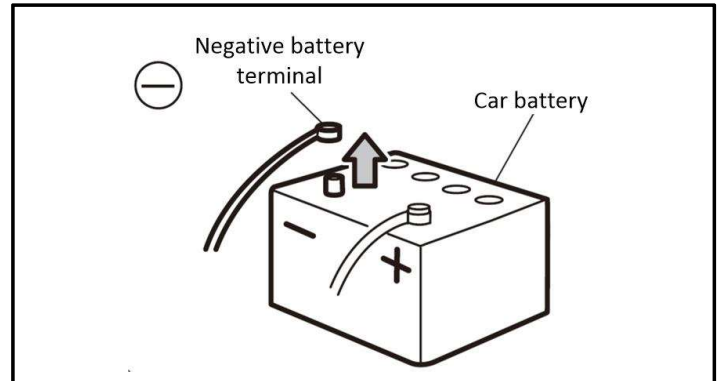
Trim removal tool

– Step 1

Important

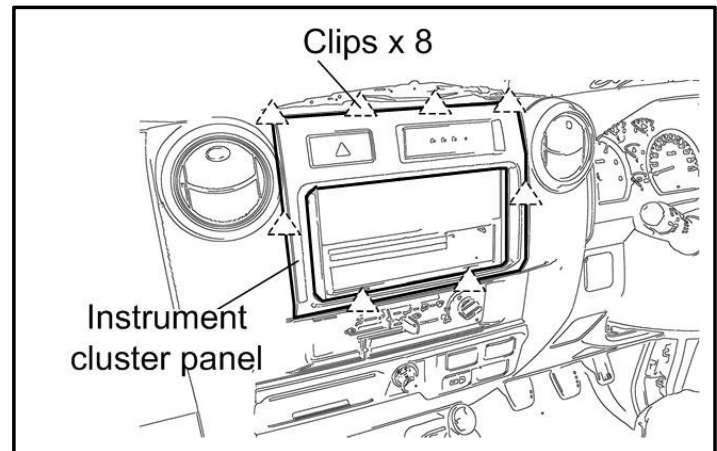

Always refer to the vehicle's Workshop Manual when removing vehicle components.

- Disconnect negative battery terminal



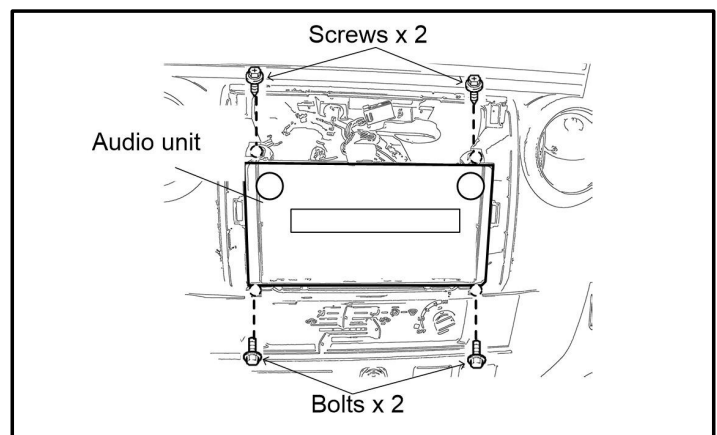
– Step 2

- Remove instrument cluster panel



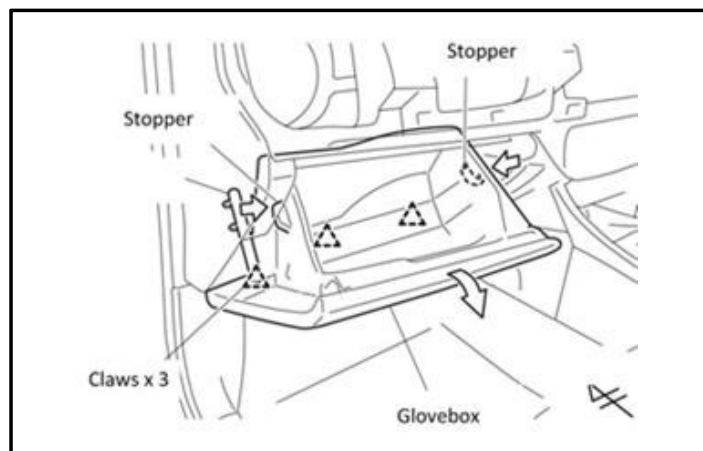
– Step 3

- Remove audio unit,



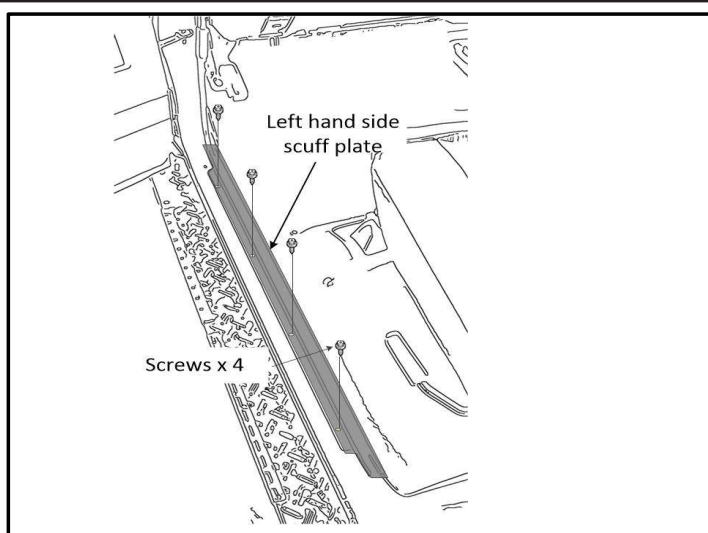
– Step 4

- Remove glovebox.



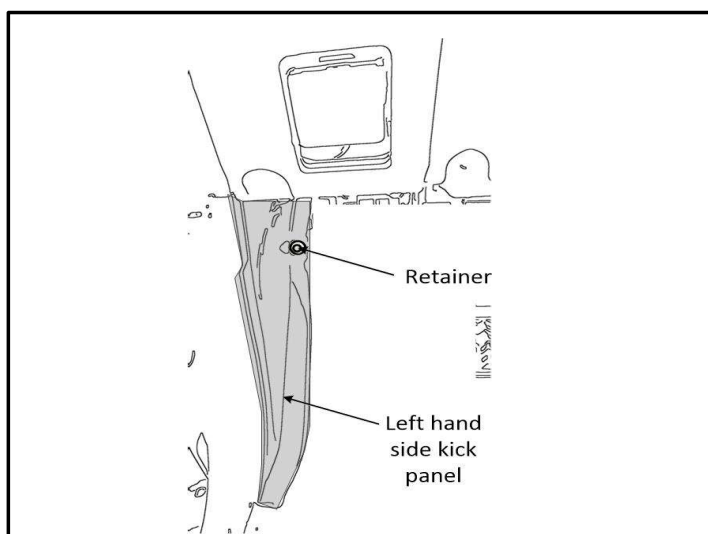
– Step 5

- Remove left hand side scuff plate as shown.



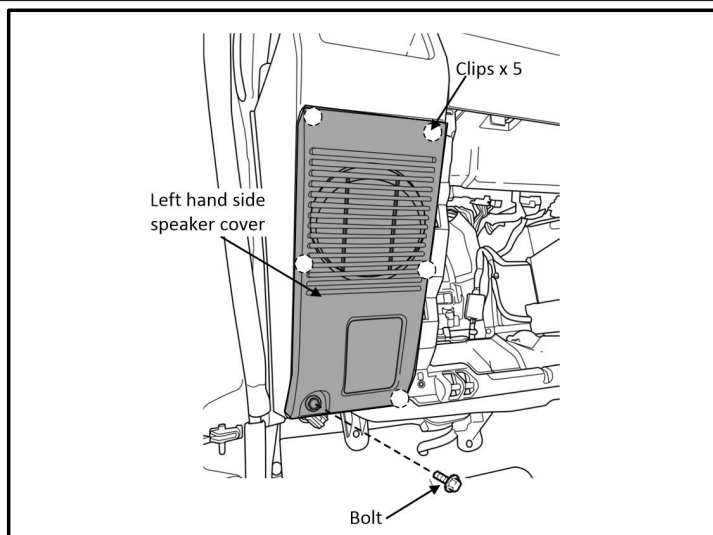
– Step 6

- Remove left hand side kick panel.



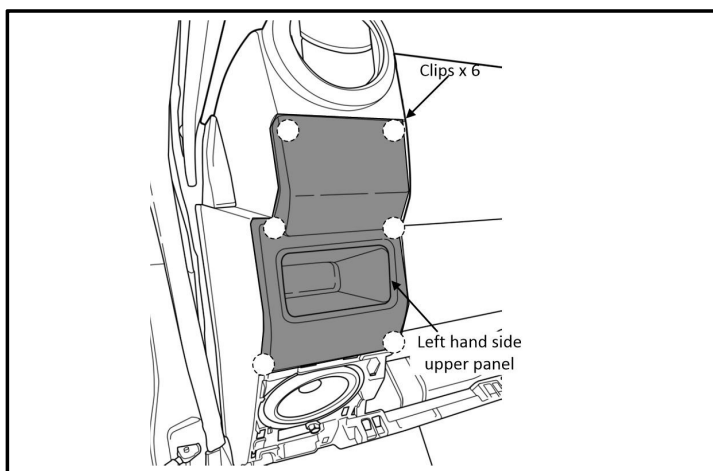
– Step 7 –

- Remove left hand side speaker cover.



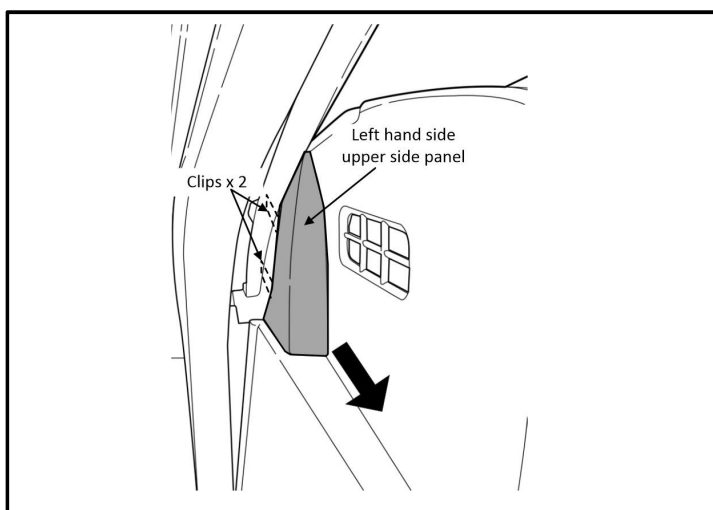
– Step 8 –

- Remove left hand side upper panel



– Step 9 –

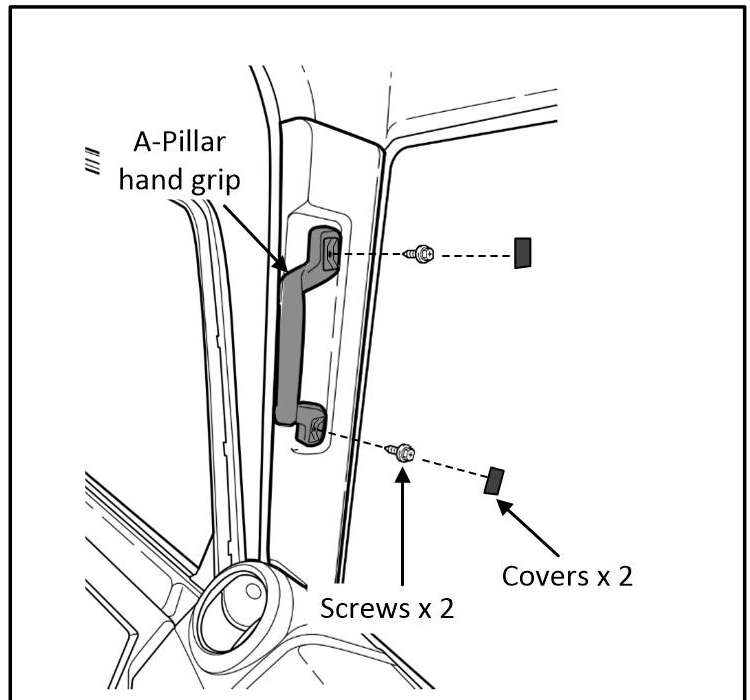
- Remove left hand side upper side cover.
- Pull forward the panel to remove.





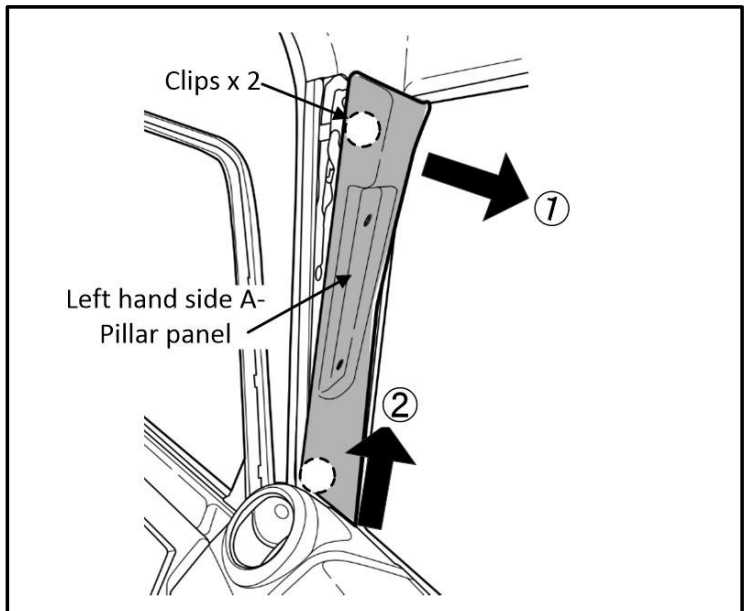
– Step 10 –

- Remove left hand side hand grip covers
- Remove left hand side A-Pillar hand grip



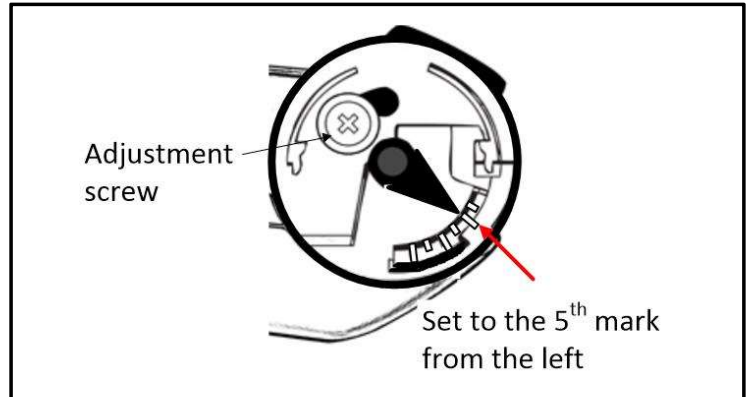
– Step 11 –

- Remove left hand side A-Pillar panel.
- To remove A-Pillar first pull the top part of the A-Pillar.
- After removing the top part, pull up the A-Pillar to remove the whole A-Pillar panel.



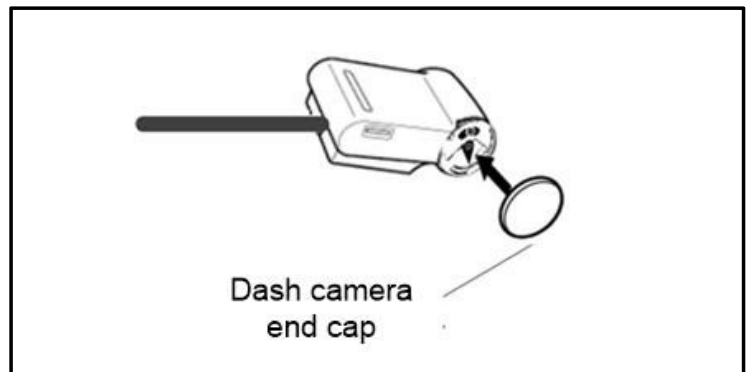
– Step 12 –

- Untighten the adjustment screw of the Dash camera
- Adjust the camera lens position to the 5th mark from the left as per instruction



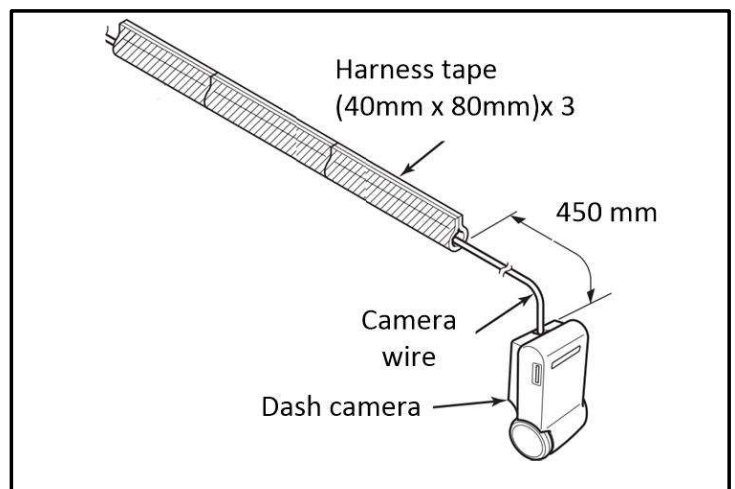
– Step 13 –

- Install the dash camera end cap




– Step 14 –

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

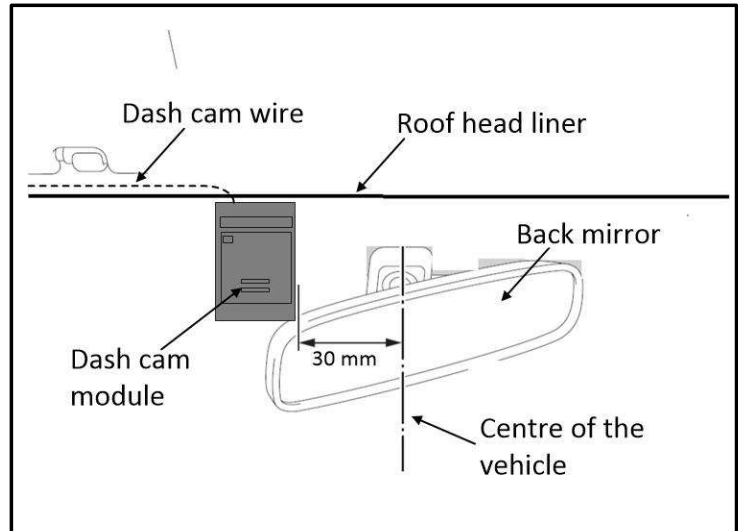


– Step 15

Important


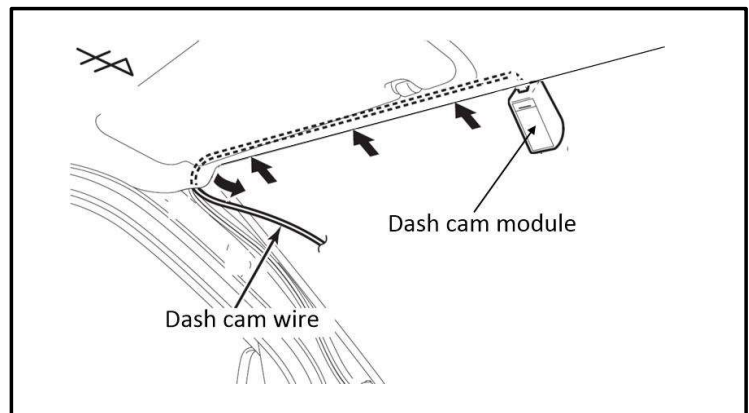
Prior to installing, clean inside of the windscreen in the area to be installed using alcohol wipe cleaner

- Peel out the adhesive tape on the dash camera.
- Stick the dash camera close to roof head liner and approximately 30 mm from the centre of the vehicle. Use back mirror base as a reference.



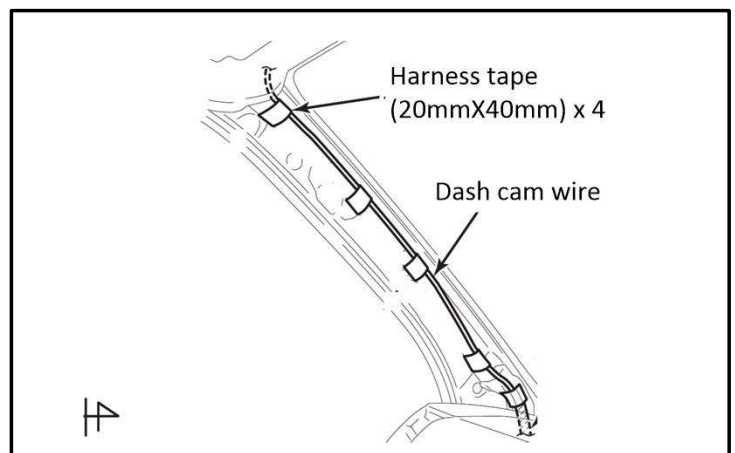
– Step 16

- Route the dash camera wire inside the roof headliner.
- Route the wire to left hand side A-Pillar area.



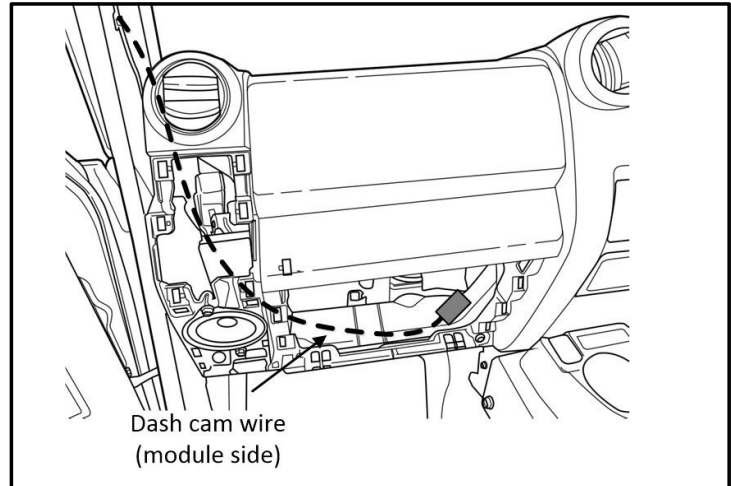
– Step 17

- Prepare 4 harness tape (20mm x 40mm).
- Wire the dash cam wire through the left hand side A-Pillar area.
- Apply wire harness tape to stick the wire to the vehicle wall.



– Step 18

- Wire the dashcam wire (module side) to the glove box area.

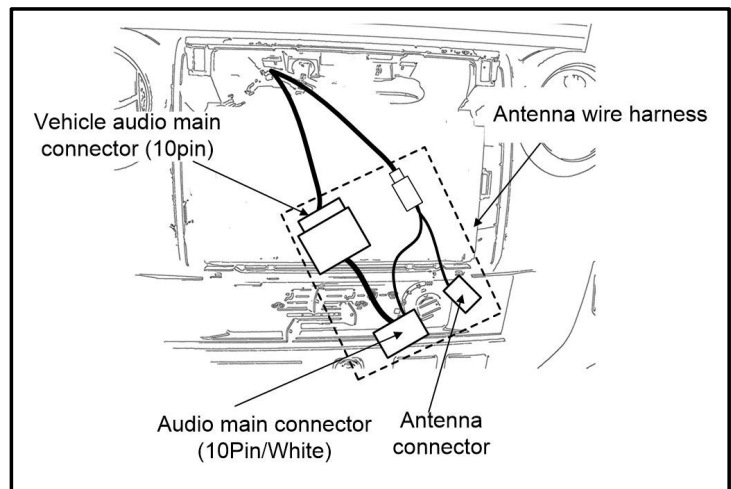


– Step 19

- On the centre console area, locate antenna wire harness
- Locate the vehicle audio connector (10Pin)

Important

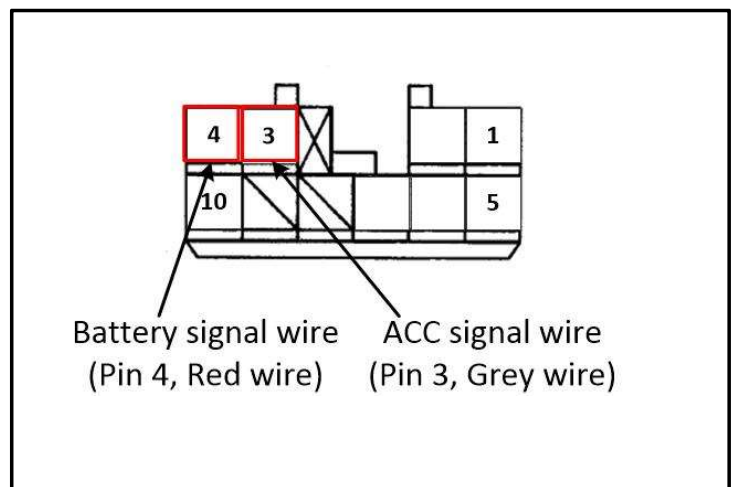

Vehicle audio connector is connecting to the antenna wire harness



- Battery signal and ACC signal wire located on pin no 4 (red wire) and pin no 3 (grey wire)

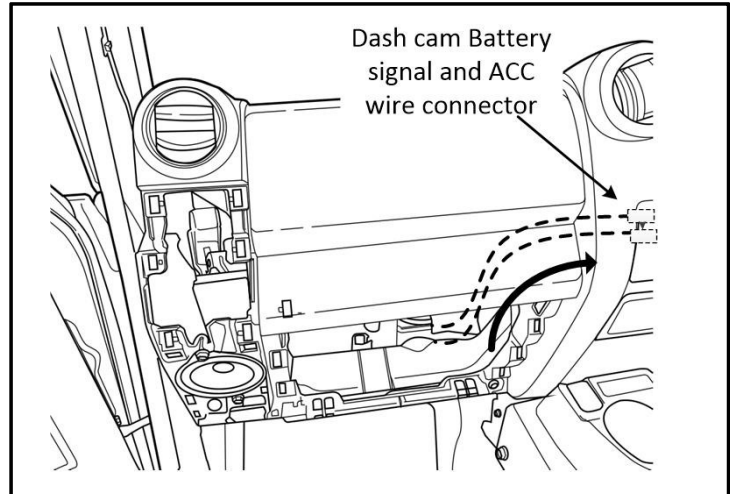
Important


Connector view is from wire side



– Step 20


- Wire the dash cam battery signal and ACC signal connector to the centre console area.



– Step 21

Battery signal installation

- Locate the audio battery signal Pin No 4, red wire.
- Splice the audio battery signal wire to the dash camera Battery signal wire using black splice connector, yellow wire as shown

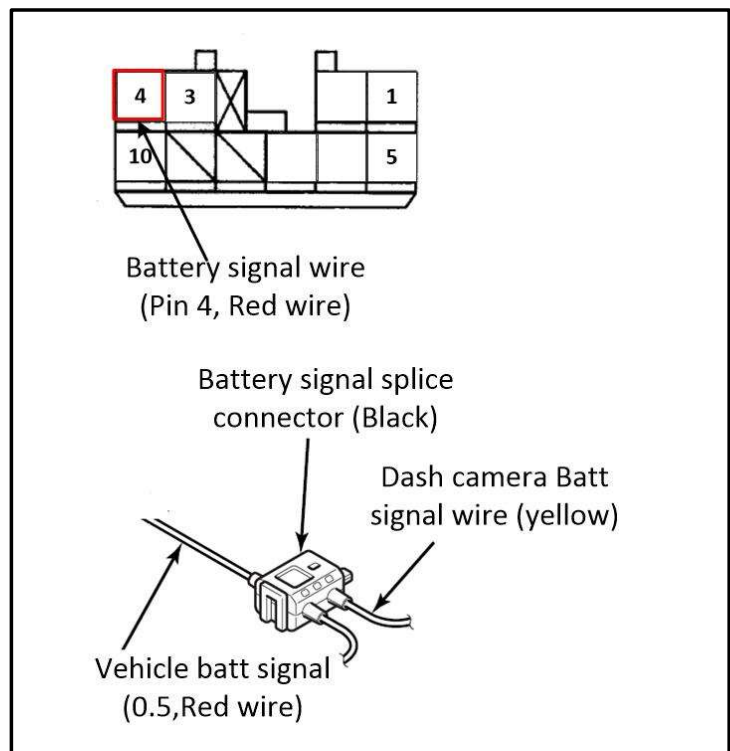
Important


Do not splice the 10 pin connector from audio antenna wire harness.

Splice the original vehicle audio connector.

Important


Connector view is from wire side



– Step 22-

ACC signal installation

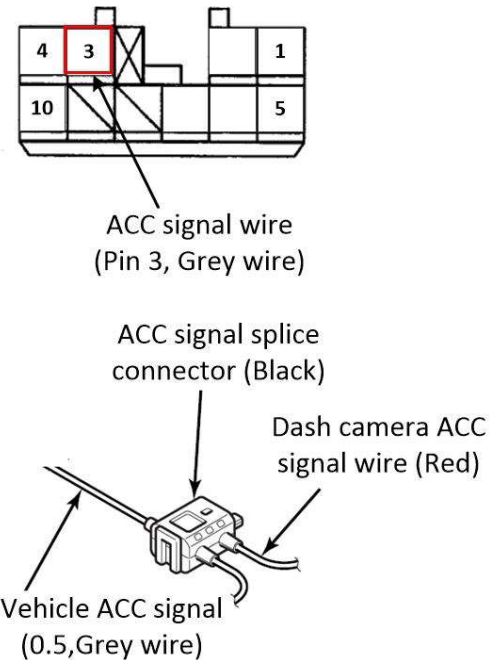
- Locate the audio battery signal Pin No 3, grey wire.
- Splice the audio battery signal wire to the dash camera ACC signal wire using black splice connector, red wire as shown



**Do not splice the 10 pin connector from audio antenna wire harness.
Splice the original vehicle audio connector.**



Connector view is from wire side



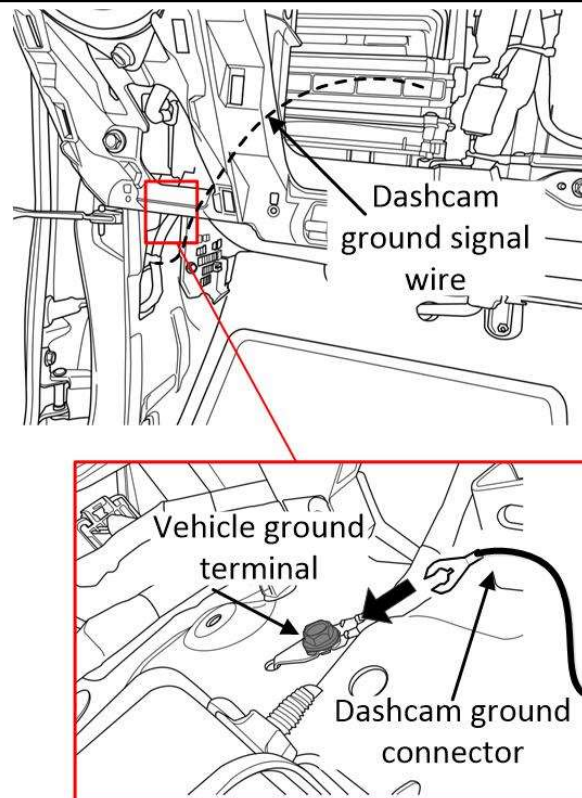
– Step 23–

Ground signal installation

- Locate vehicle ground signal on the bottom left of the glovebox area.
- Loosen the vehicle ground terminal's bolt.
- Wire the dash cam ground connector to the vehicle ground terminal location.
- Insert the dash camera ground terminal.
- Tighten the terminal bolt

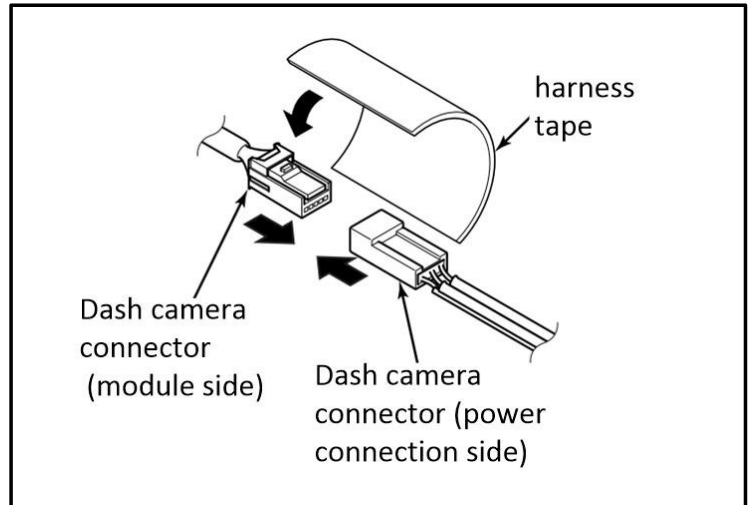


Re-install bolt to 8.5N.m.



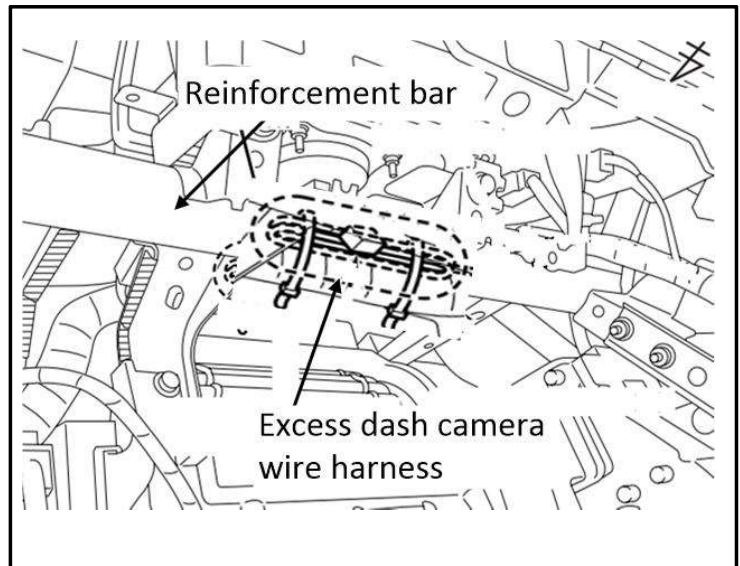
– Step 24

- Connect module side and power side interconnection connector.
- Apply harness tape.



– Step 25

- Bundle the excess wire to the existing to the reinforcement bar in the glove box area.

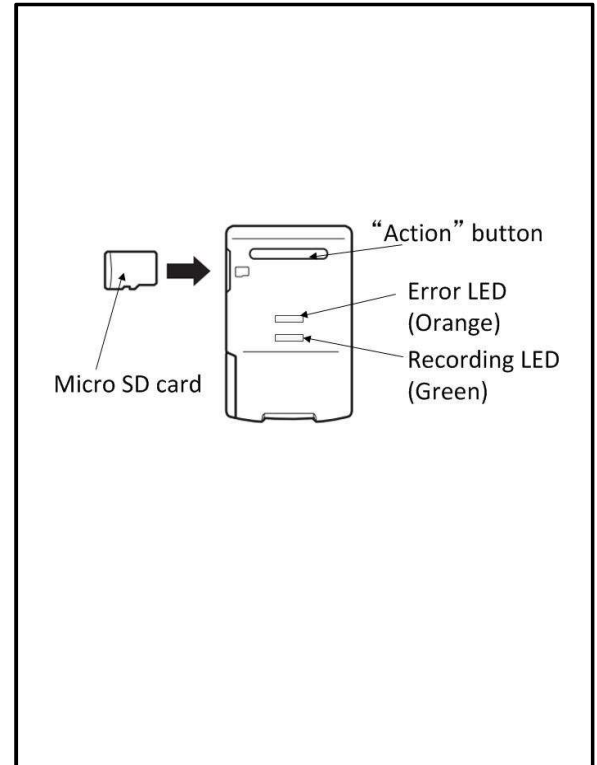






– Step 26

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.
	Important Re-connect battery terminal. Battery Post terminal to be torqued to 5.5Nm +/- 2Nm



DASH CAMERA CIRCUIT DIAGRAM

