Dash Camera
Fitting Instruction
COROLLA HATCH BACK

JUNE 2018 PRODUCTION
ONWARDS Part No: PZQ85-33270

- 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
  30 minutes

- Parts Supplied
  - Cable guide cord x 1
  - Dash camera wire harness x 1
  - Dash camera module x 1
  - End cap x 1
  - Harness tape x 2
  - Harness clip x 1 (NOT USED)
  - Harness tape x 2
  - Micro SD card x 1
  - Wire harness clip x 1 (NOT USED)
  - Blue splice connector, red wire (0.3) x 1
  - Blue splice connector, yellow wire (0.3) x 1
  - Blue splice connector, red wire (0.85) x 1 (NOT USED)
  - White splice connector, yellow wire (0.85) x 1 (NOT USED)
  - White splice connector, red wire (0.85) x 1 (NOT USED)
  - Alcohol wipe x 1
  - Owner Manual
Tools and Material Required

- 8mm and 10mm Rachet
- 10mm Torque Wrench (pre-set to 8.5Nm)
- Side cutter
- Plier
- Philip head screw
- Trim removal tool
--- Step 1  
**For Petrol engine vehicle**

- Disconnect the negative battery terminal
- For petrol engine vehicle go straight to Step 3. Step 2 is for hybrid engine vehicle.

--- Step 2  
**For Hybrid engine vehicle**

- Under the right-hand side rear seat, remove the screw type clip from the panel.
- Remove the panel to access the orange isolator switch

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**Important** Always refer to the vehicle’s Workshop Manual when removing vehicle components.

- Removal method:
  ① Pull down the orange isolator switch lever
  ② Pull up the lever
  ③ Then pull and take out the switch from the panel.

- Disconnect the negative battery terminal
Step 3

- Disconnect the negative battery terminal.
- 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 attached properly.
- **Step 4**
  - Remove the indash side cover left hand side

- **Step 5**
  - Remove glovebox

- **Step 6**
  - Remove glove box under cover
--- Step 7 ---

- Remove front door scuff plate left hand side

--- Step 8 ---

- Remove cowl side trim left hand side

--- Step 9 ---

- Remove the lower console panel.
- Remove the AUX/USB adapter connector and light connector (if available)
- **Step 10**
  - Prepare 3 harness tape (40mm x 80mm).
  - Cover the dash camera wire as shown.

- **Step 11**
  - Untighten the adjustment screw of the Dash camera.
  - Adjust the camera lens position to the 2\textsuperscript{nd} mark from the left as per instruction.

- **Step 12**
  - Install the dash camera end cap.
- **Step 13**

  **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 14**

  - 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.

- Please see the side view and top view of the cord guide installation for reference.
Step 15
- After the measuring, cut the adjusted length of the cord guide.

Step 16
- Insert the Dash camera wire into the cord guide
- Install the cord guide to the roof headliner as shown.

Step 17
- Route the dash camera wire to the left hand side A pillar area.
– Step 18

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

**Important**

Do not cable tie the vehicle water hose

– Step 19

• 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 20

• Route the dash camera wire to the glovebox area
– Step 21

- Route the dash camera wire next to the junction box.
- Cable tie the excess wire to the existing vehicle harness loom.

– Step 22

Vehicle Battery and IG signal Location

- Locate junction box shown behind the glove box area as shown.
- Then locate the 32 pin connector shown.
--- Step 23 ---

- 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.

--- Step 24 ---

**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 (Red wire pin no3).
- Splice the vehicle Battery signal using Blue Splice connector with yellow wire.

--- Important ---

The connector view is from wire side.
- **Step 25**

**IG signal installation**

- Prepare red wire Blue Splice connector.
- Splice red wire of the Blue Splice connector using Black Splice connector red wire.
- Locate the vehicle Battery signal (Grey wire pin no10).
- Splice the vehicle IG signal using Blue Splice connector with red wire.

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**Important**

The connector view is from wire side.

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**Important**

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

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Reconnect 32 pin connector back to junction box.
- Step 26 -

**Ground signal installation**

- Route the dash camera ground signal wire to the lower console panel area as shown.

- Locate the ground terminal location under the centre console panel as shown.
- Loosen the vehicle ground terminal’s bolt.
- Insert the dash camera ground terminal.
- Tighten back the bolt.

**Important**

Re-install the bolt to 8.5 N.m.
--- Step 27 ---

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

--- Step 28 ---

- Cable tie the ground signal wire as shown.

--- Step 29 ---

- Bundle the excess wire to the existing vehicle harness behind the cowl side trim area.

--- Important ---

Make sure not to cover the cowl side trim’s retainer thread.
Dash Camera Initial Setting

1) Insert the Micro SD card into the Dash Camera.
2) Reconnect 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.

Important
Please place the owner manual in the glove box after installation is completed.