

ACCESSORIES & EQUIPMENT

Cellular Communication System (Preparation) - Sienna

CELLULAR COMMUNICATION

EQUIPMENT

EQUIPMENT

Protective tape	
Torque wrench	

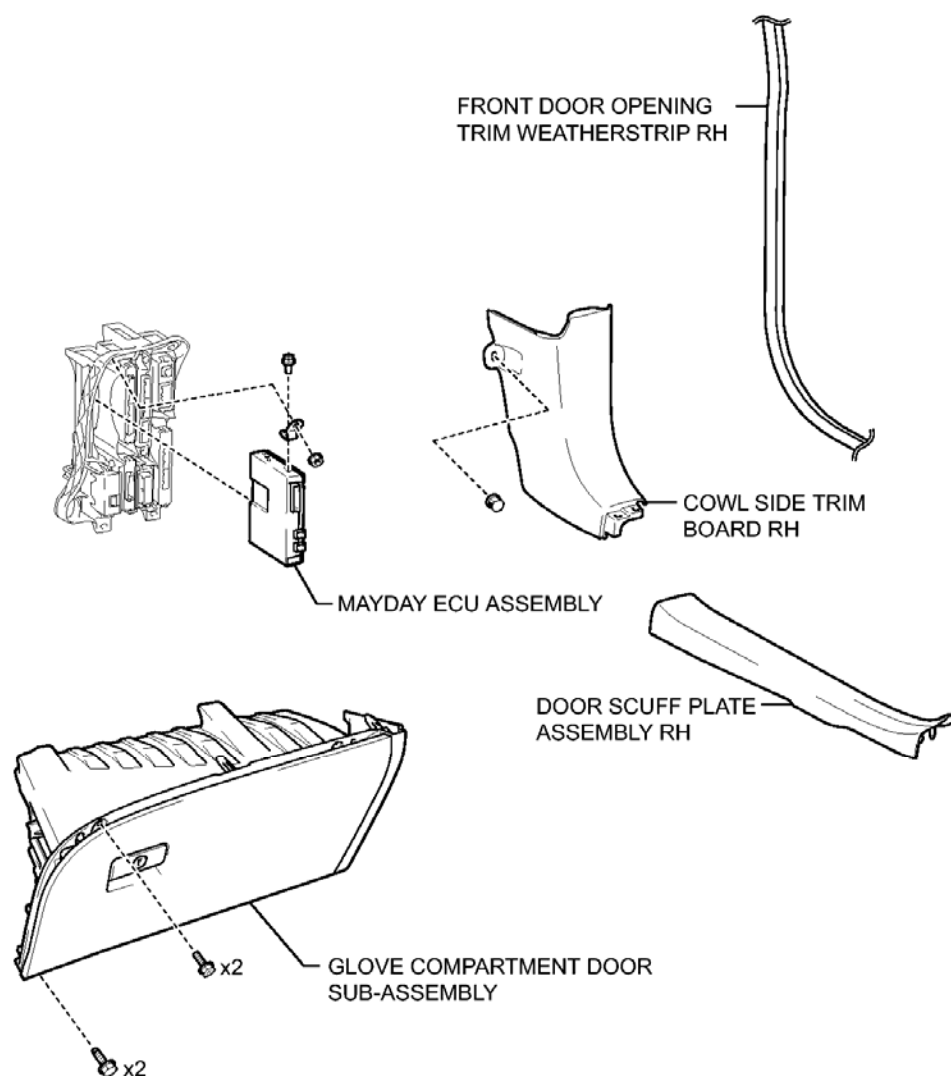
ACCESSORIES & EQUIPMENT

Cellular Communication System (Service Information) - Sienna

MAYDAY ECU

COMPONENTS

ILLUSTRATION



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Fig. 1: Mayday ECU Replacement Components
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REMOVAL

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

NOTE: When disconnecting the cable, some systems need to be initialized after the cable is reconnected. Refer to INITIALIZATION .

2. **REMOVE DOOR SCUFF PLATE ASSEMBLY RH** . Refer to REMOVAL - Step 3
3. **SEPARATE FRONT DOOR OPENING TRIM WEATHERSTRIP RH**
4. **REMOVE COWL SIDE TRIM BOARD RH** . Refer to REMOVAL - Step 5
5. **REMOVE GLOVE COMPARTMENT DOOR SUB-ASSEMBLY** . Refer to REMOVAL - Step 34
6. **REMOVE MAYDAY ECU ASSEMBLY**
 - a. Disconnect the connectors from the Mayday ECU.
 - b. Remove the nut.

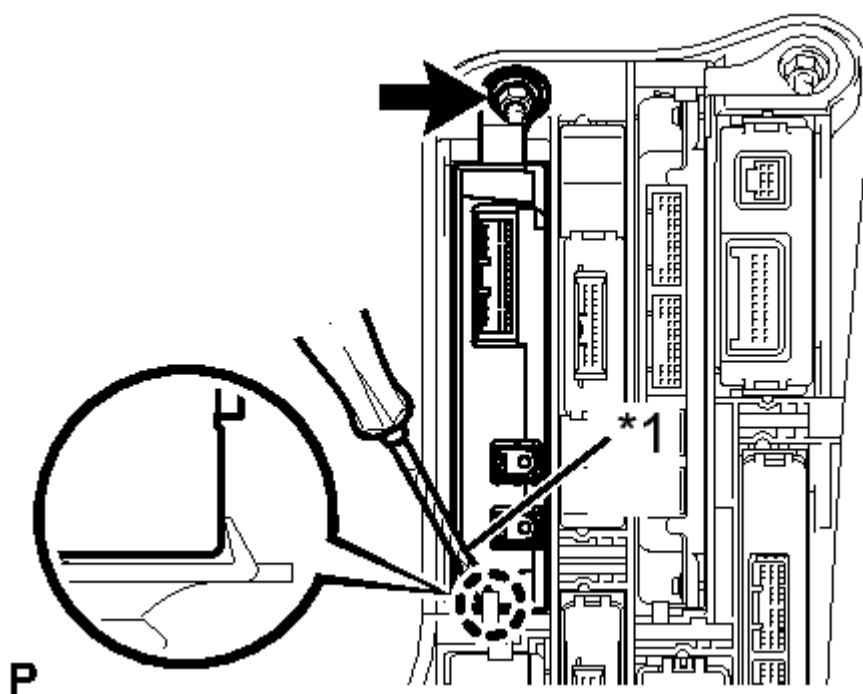


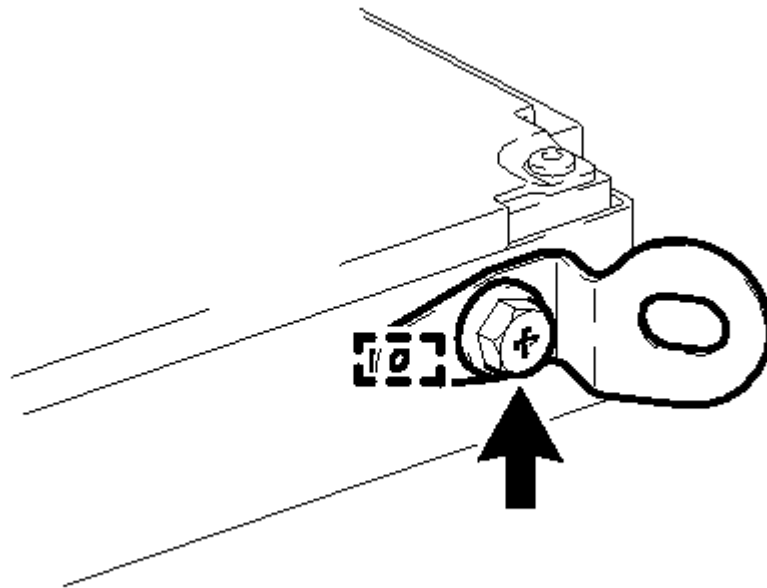
Fig. 2: Identifying Mayday ECU Nut & Claw
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- c. Using a screwdriver with its tip wrapped in protective tape, disengage the claw and remove the Mayday ECU.

TEXT IN ILLUSTRATION

*1	Protective Tape
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- d. Disengage the guide and remove the screw and bracket.



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Fig. 3: Identifying Mayday ECU Screw & Bracket
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

INSTALLATION

INSTALLATION

1. INSTALL MAYDAY ECU ASSEMBLY

- Engage the guide and install the bracket with the screw.
- Engage the claw and install the Mayday ECU.
- Tighten the nut.
- Connect the connectors onto the Mayday ECU.

2. INSTALL GLOVE COMPARTMENT DOOR SUB-ASSEMBLY . Refer to INSTALLATION - Step 24

3. INSTALL COWL SIDE TRIM BOARD RH . Refer to INSTALLATION - Step 35

4. INSTALL FRONT DOOR OPENING TRIM WEATHERSTRIP RH

5. INSTALL DOOR SCUFF PLATE ASSEMBLY RH . Refer to INSTALLATION - Step 37

6. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

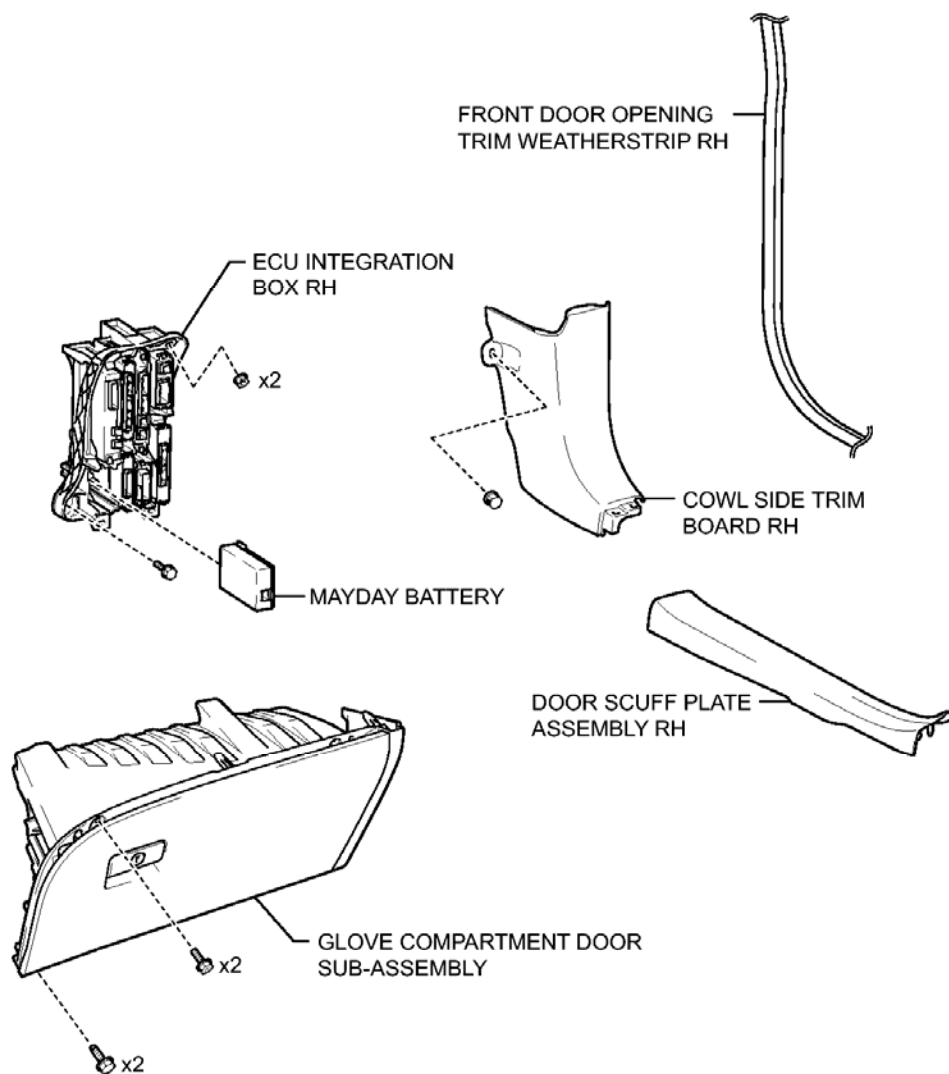
Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)

NOTE: When disconnecting the cable, some systems need to be initialized after the cable is reconnected. Refer to INITIALIZATION .

MAYDAY BATTERY

COMPONENTS

ILLUSTRATION



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Fig. 4: Mayday Battery Replacement Components
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

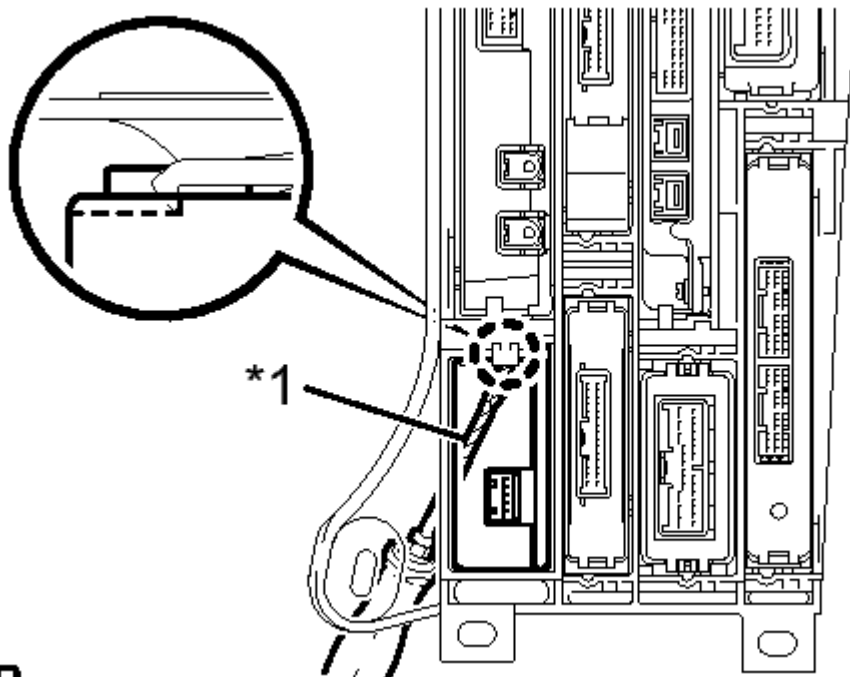
REMOVAL

REMOVAL

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

NOTE: When disconnecting the cable, some systems need to be initialized after the cable is reconnected. Refer to INITIALIZATION .

2. REMOVE DOOR SCUFF PLATE ASSEMBLY RH . Refer to REMOVAL - Step 3
3. SEPARATE FRONT DOOR OPENING TRIM WEATHERSTRIP RH
4. REMOVE COWL SIDE TRIM BOARD RH . Refer to REMOVAL - Step 5
5. REMOVE GLOVE COMPARTMENT DOOR SUB-ASSEMBLY . Refer to REMOVAL - Step 34
6. REMOVE ECU INTEGRATION BOX RH . Refer to REMOVAL - Step 6
7. REMOVE MAYDAY BATTERY



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Fig. 5: Disengaging Mayday Battery Claw

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- a. Using a screwdriver with its tip wrapped in protective tape, disengage the claw and remove the Mayday battery.

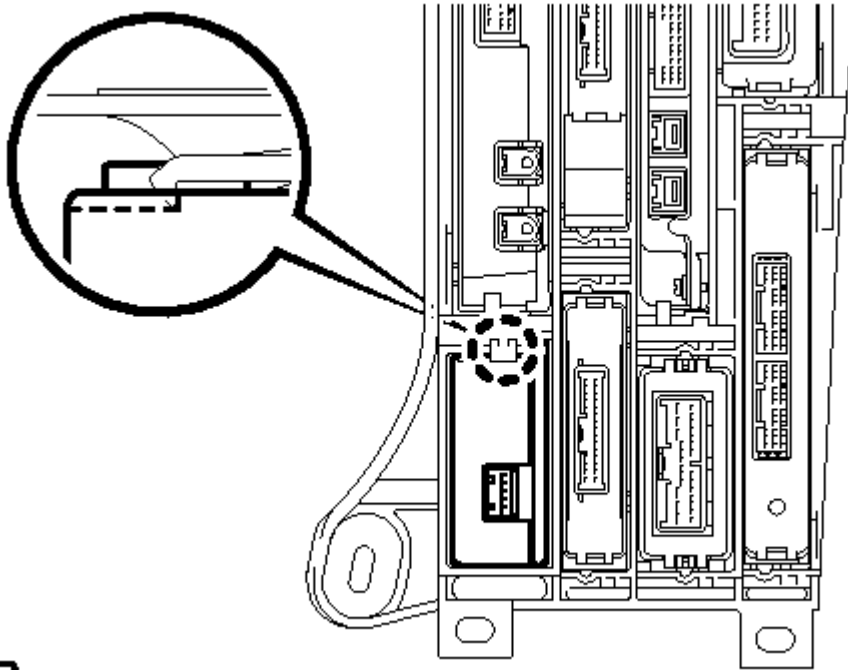
TEXT IN ILLUSTRATION

*1	Protective Tape
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INSTALLATION

INSTALLATION

1. INSTALL MAYDAY BATTERY



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Fig. 6: Securing Mayday Batter & Claw

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- a. Engage the claw and install the Mayday battery.
2. **INSTALL ECU INTEGRATION BOX RH** . Refer to **INSTALLATION - Step 2**
3. **INSTALL GLOVE COMPARTMENT DOOR SUB-ASSEMBLY** . Refer to **INSTALLATION - Step 24**
4. **INSTALL COWL SIDE TRIM BOARD RH** . Refer to **INSTALLATION - Step 35**
5. **INSTALL FRONT DOOR OPENING TRIM WEATHERSTRIP RH**
6. **INSTALL DOOR SCUFF PLATE ASSEMBLY RH** . Refer to **INSTALLATION - Step 37**
7. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)

NOTE: When disconnecting the cable, some systems need to be initialized after the cable is reconnected. Refer to **INITIALIZATION** .

TELEPHONE ANTENNA

COMPONENTS

ILLUSTRATION

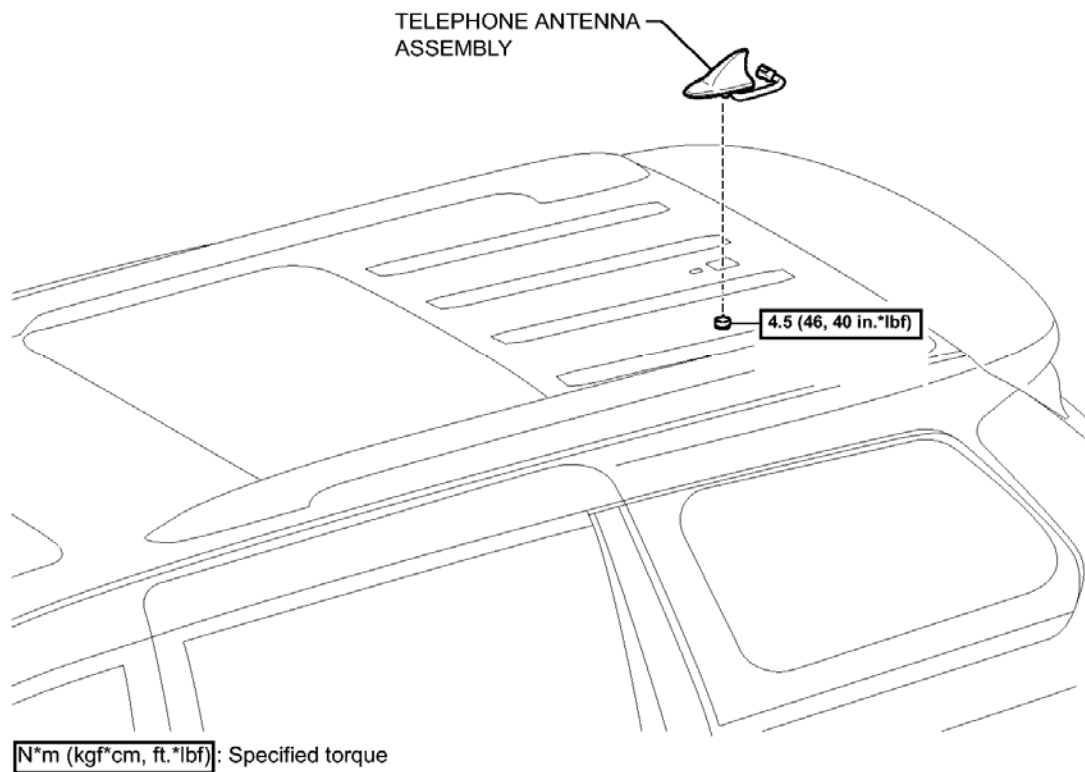


Fig. 7: Telephone Antenna Replacement Components With Torque Specifications
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REMOVAL

REMOVAL

1. REMOVE ROOF HEADLINING ASSEMBLY

Refer to **REMOVAL**

2. REMOVE TELEPHONE ANTENNA ASSEMBLY

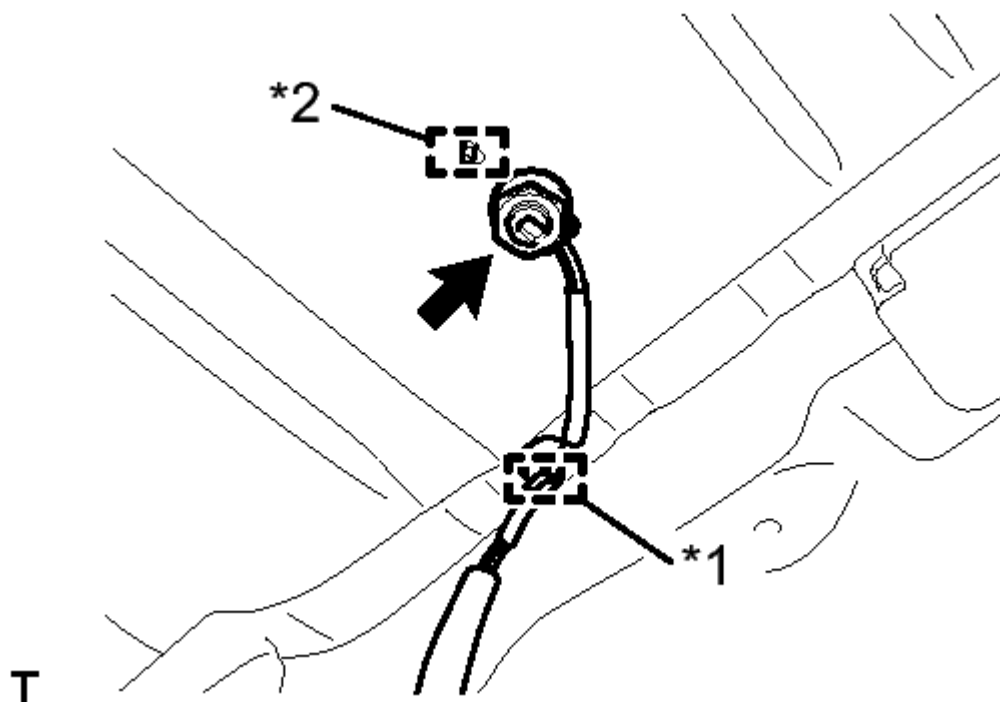


Fig. 8: Identifying Telephone Antenna Assembly Clamp, Nut & Guide
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- a. Disconnect the wire harness from the clamp.

TEXT IN ILLUSTRATION

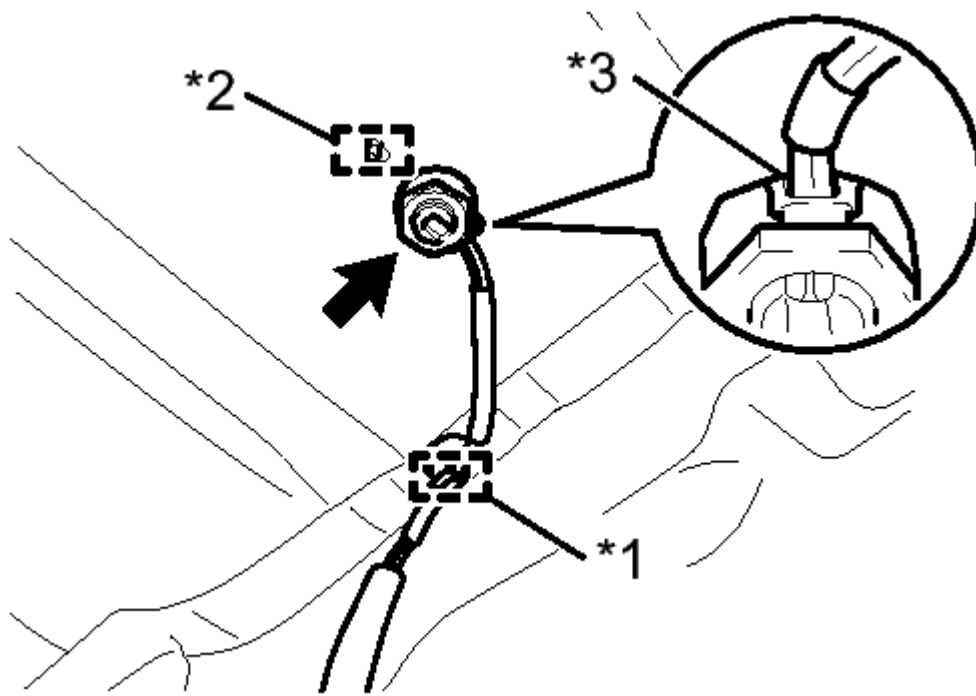
*1	Clamp
*2	Guide

- b. Remove the nut and telephone antenna.

INSTALLATION

INSTALLATION

1. INSTALL TELEPHONE ANTENNA ASSEMBLY



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Fig. 9: Inspecting Telephone Antenna Assembly Clamp, Guide & Cutout
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- a. Place the antenna cord in the cutout of the antenna nut.

TEXT IN ILLUSTRATION

*1	Clamp
*2	Guide
*3	Cutout

- b. Install the telephone antenna with the antenna nut.

Torque: 4.5 N*m (46 kgf*cm, 40 in.*lbf)

- c. Connect the wire harness onto the clamp.

2. INSTALL ROOF HEADLINING ASSEMBLY

Refer to **INSTALLATION**

ACCESSORIES & EQUIPMENT

Cellular Communication System (Service Specifications) - Sienna

CELLULAR COMMUNICATION

TORQUE SPECIFICATIONS

TORQUE SPECIFICATIONS

Part Tightened	N*m	kgf*cm	ft.*lbf
Telephone antenna assembly x Body	4.5	46	40 in.*lbf
Negative battery terminal x Battery	5.4	55	48 in.*lbf