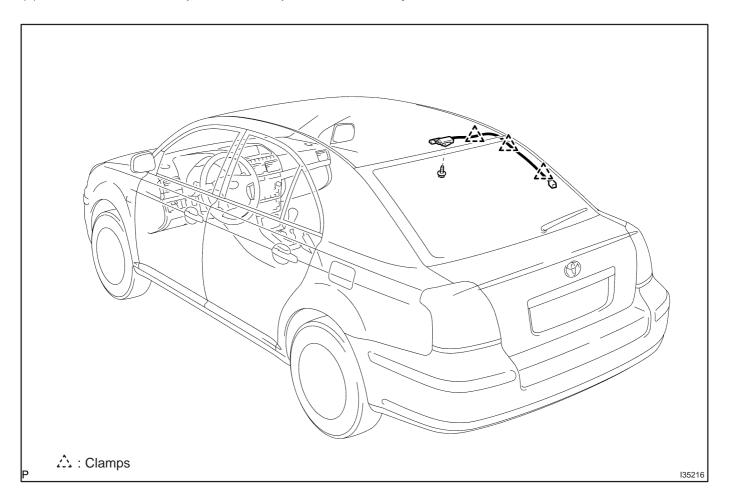
# AMPLIFIER ANTENNA ASSY (LIFTBACK MODELS) REPLACEMENT

670SE-01

1. REMOVE ROOF HEADLINING ASSY (See page 76-45)

#### 2. REMOVE AMPLIFIER ANTENNA ASSY

- (a) Disconnect the connectors.
- (b) Remove the bolt.
- (c) Remove the 3 clamps and the amplifier antenna assy.



#### 3. INSTALL AMPLIFIER ANTENNA ASSY

- (a) Install the bolt.
  - Torque: 7.0 N·m (71 kgf·cm, 62 in.·lbf)
- (b) Install the 3 clamps and the amplifier antenna assy.
- (c) Disconnect the connectors.
- 4. INSTALL ROOF HEADLINING ASSY (See page 76-45)

# AMPLIFIER ANTENNA ASSY (SEDAN MODELS)

670SC-03

- REPLACEMENT
- 1. DISCONNECT BATTERY NEGATIVE TERMINAL (See page 60-1)
- 2. REMOVE INSTRUMENT CLUSTER FINISH PANEL GARNISH NO.2 (See page 71–11)
- 3. REMOVE INSTRUMENT PANEL REGISTER ASSY CTR (W/ NAVIGATION SYSTEM) (See page 67–6)
- 4. REMOVE SHIFT LEVER KNOB SUB-ASSY (M/T TRANSAXLE) (See page 41-11)
- 5. REMOVE CONSOLE PANEL SUB-ASSY UPPER (See page 71-11)
- 6. REMOVE RADIO RECEIVER ASSEMBLY W/BRACKET (See page 67-5)
- 7. REMOVE CONSOLE BOX ASSY RR (See page 71-11)
- 8. REMOVE HEATER TO REGISTER DUCT NO.2 (See page 71–11)
- 9. REMOVE FRONT SEAT ASSY RH (See page POWER SEAT 72–11, MANUAL SEAT 72–16)
- 10. REMOVE FRONT DOOR SCUFF PLATE RH (See page 76-36)
- 11. REMOVE REAR DOOR SCUFF PLATE RH (See page 76-36)
- 12. REMOVE COWL SIDE TRIM BOARD RH (See page 76-36)
- 13. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP RH (See page 76-36)
- 14. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP RH (See page 76–36)
- 15. REMOVE REAR SEAT CUSHION ASSEMBLY (See page 72-32)
- 16. REMOVE REAR SEATBACK ASSY (See page 40/60 FOLDING 72-27, UNITED FIXED 72-32)
- 17. REMOVE ROOF SIDE GARNISH INNER RH (See page 76-36)
- 18. REMOVE FLOOR CARPET ASSY FRONT

#### 19. REMOVE AMPLIFIER ANTENNA ASSY

- (a) Disconnect the connectors.
- (b) w/ Navigation:

Remove the 2 bolts, nut and screw.

w/o Navigation:

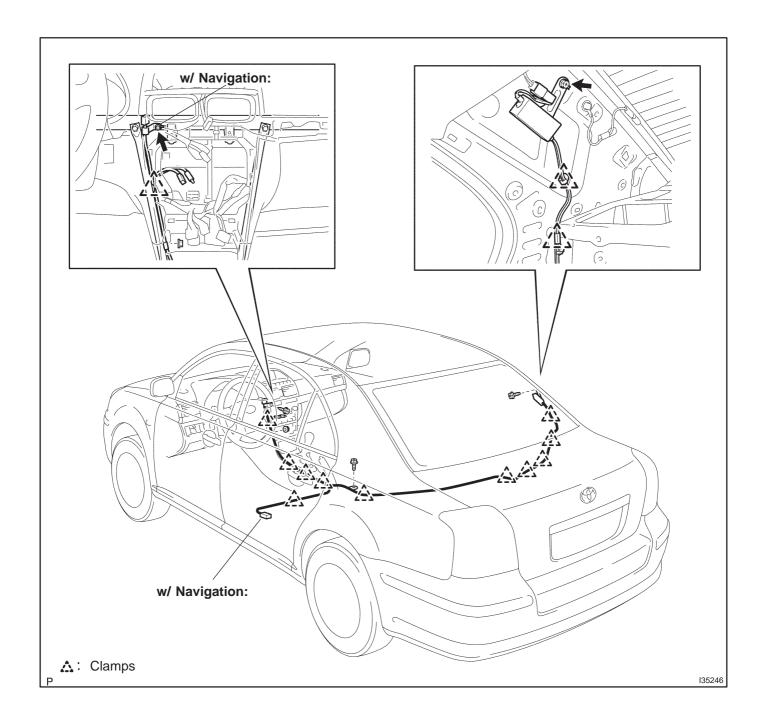
Remove the 2 bolts and nut.

(c) w/ Navigation:

Remove the 11 clamps and amplifier antenna assy.

w/o Navigation:

Remove the 10 clamps and amplifier antenna assy.



#### 20. INSTALL AMPLIFIER ANTENNA ASSY

(a) Install the 2 bolts.

Torque: 7.0 N·m (71 kgf·cm, 62 in.·lbf)

(b) w/ Navigation:

Install the nut and screw.

w/o Navigation:

Install the nut.

(c) w/ Navigation:

Install the 11 clamps and the amplifier antenna assy.

w/o Navigation:

Install the 10 clamps and the amplifier antenna assy.

- (d) Connect the connectors.
- 21. REMOVE REAR SEAT CUSHION ASSEMBLY (See page 72-32)
- 22. REMOVE REAR SEATBACK ASSY (See page 40/60 FOLDING 72–27, UNITED FIXED 72–32)
- 23. REMOVE FRONT SEAT ASSY RH (See page POWER SEAT 72-11, MANUAL SEAT 72-16)

# AMPLIFIER ANTENNA ASSY (WAGON MODELS)

670SD-0

- REPLACEMENT
- 1. DISCONNECT BATTERY NEGATIVE TERMINAL (See page 60-1)
- 2. REMOVE INSTRUMENT CLUSTER FINISH PANEL GARNISH NO.2 (See page 71–11)
- 3. REMOVE INSTRUMENT PANEL REGISTER ASSY CTR (W/ NAVIGATION SYSTEM) (See page 67–6)
- 4. REMOVE SHIFT LEVER KNOB SUB-ASSY (M/T TRANSAXLE) (See page 41-11)
- 5. REMOVE CONSOLE PANEL SUB-ASSY UPPER (See page 71-11)
- 6. REMOVE RADIO RECEIVER ASSEMBLY W/BRACKET (See page 67-5)
- 7. REMOVE CONSOLE BOX ASSY RR (See page 71-11)
- 8. REMOVE HEATER TO REGISTER DUCT NO.2 (See page 71–11)
- 9. REMOVE FRONT SEAT ASSY RH (See page POWER SEAT 72-11, MANUAL SEAT 72-16)
- 10. REMOVE FRONT DOOR SCUFF PLATE RH (See page 76-36)
- 11. REMOVE REAR DOOR SCUFF PLATE RH (See page 76-36)
- 12. REMOVE COWL SIDE TRIM BOARD RH (See page 76-36)
- 13. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP RH (See page 76-36)
- 14. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP RH (See page 76–36)
- 15. REMOVE REAR SEAT CUSHION ASSEMBLY (See page 40/60 FOLDING FLIP-UP CUSHION72-21, 40/60 FOLDING 72-27)
- 16. REMOVE REAR SEATBACK ASSY
  (See page 40/60 FOLDING FLIP-UP CUSHION72-21, 40/60 FOLDING 72-27)
- 17. REMOVE REAR SIDE SEAT BACK ASSY RH
  (See page 40/60 FOLDING FLIP-UP CUSHION72-21, 40/60 FOLDING 72-27)
- 18. REMOVE TONNEAU COVER ASSY
- 19. REMOVE BACK DOOR WEATHERSTRIP (See page 76-54)
- 20. REMOVE DECK BOARD SUB-ASSY (See page 76-54)
- 21. REMOVE DECK FLOOR BOX REAR (See page 76-54)
- 22. REMOVE DECK FLOOR BOX FRONT (See page 76-54)
- 23. REMOVE DECK FLOOR BOX RH (See page 76-54)
- 24. REMOVE REAR FLOOR FINISH PLATE (See page 76-54)
- 25. REMOVE DECK TRIM SIDE BOARD RH (See page 76-54)
- 26. REMOVE ROOF SIDE GARNISH INNER RH (See page 76-54)
- 27. REMOVE FLOOR CARPET ASSY FRONT

#### 28. REMOVE AMPLIFIER ANTENNA ASSY

- (a) Disconnect the connectors.
- (b) w/ Navigation:

Remove the 3 bolts, nut and screw.

w/o Navigation:

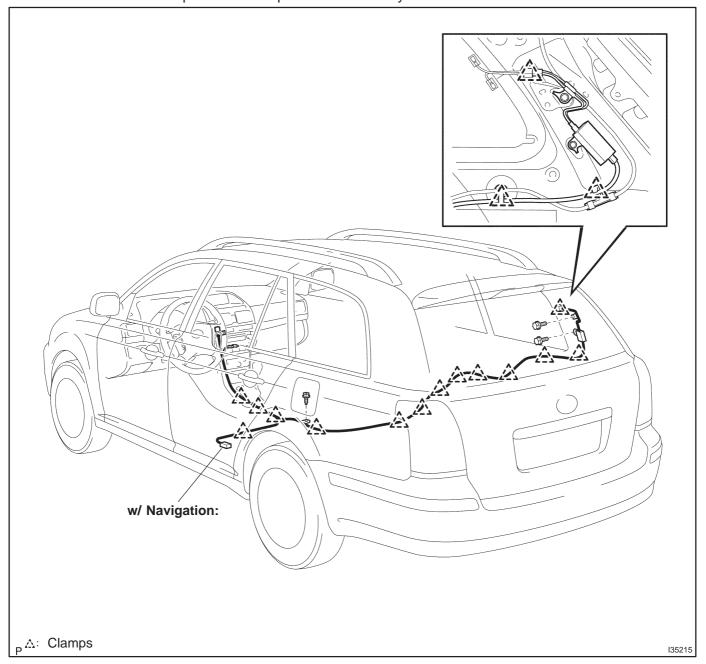
Remove the 3 bolts and nut.

(c) w/ Navigation:

Remove the 15 clamps and the amplifier antenna assy.

w/o Navigation:

Remove the 14 clamps and the amplifier antenna assy.



#### 29. INSTALL AMPLIFIER ANTENNA ASSY

(a) Install the 3 bolts.

Torque: 7.0 N·m (71 kgf·cm, 62 in.·lbf)

(b) w/ Navigation:

Install the nut and screw.

w/o Navigation:

Install the nut.

(c) w/ Navigation:

Install the 15 clamps and the amplifier antenna assy.

w/o Navigation:

Install the 14 clamps and the amplifier antenna assy.

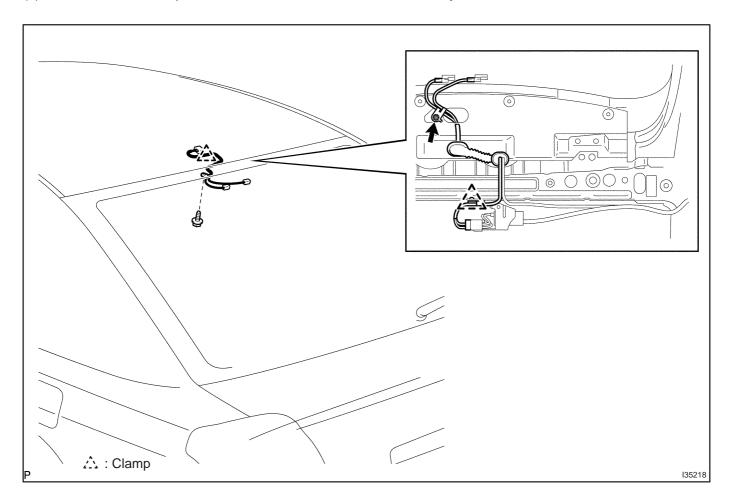
- (d) Connect the connectors.
- 30. INSTALL REAR SEATBACK ASSY (See page 40/60 FOLDING FLIP-UP CUSHION72-21, 40/60 FOLDING 72-27)
- 31. REMOVE FRONT SEAT ASSY RH (See page POWER SEAT 72-11, MANUAL SEAT 72-16)

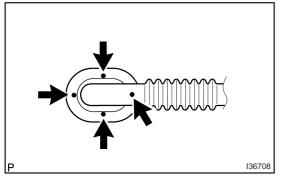
# ANTENNA CORD SUB-ASSY

### REPLACEMENT

670SF-01

- 1. REMOVE ROOF HEADLINING ASSY (See page 76-45)
- 2. REMOVE BACK DOOR TRIM PANEL ASSY UPPER (See page 75-40)
- 3. REMOVE ANTENNA CORD SUB-ASSY
- (a) Disconnect the connectors.
- (b) Remove the bolt.
- (c) Remove the clamp and draw out the antenna cord sub-assy from the interior and the back door.





#### 4. INSTALL ANTENNA CORD SUB-ASSY

- (a) Press the 4 points of the grommet shown in the illustration, and install the antenna cord sub–assy.
- (b) Install the bolt.

Torque: 7.0 N·m (71 kgf·cm, 62 in.·lbf)

(c) Connect the connectors.

#### 5. INSTALL ROOF HEADLINING ASSY (See page 76-45)

# **ANTENNA CORD SUB-ASSY NO.3**

### REPLACEMENT

670SG-02

- 1. DISCONNECT BATTERY NEGATIVE TERMINAL (See page 60-1)
- 2. REMOVE INSTRUMENT CLUSTER FINISH PANEL GARNISH NO.2 (See page 71–11)
- 3. REMOVE INSTRUMENT PANEL REGISTER ASSY CTR (W/ NAVIGATION SYSTEM)
  (See page 67–6)
- 4. REMOVE SHIFT LEVER KNOB SUB-ASSY (M/T TRANSAXLE) (See page 41-11)
- 5. REMOVE CONSOLE PANEL SUB-ASSY UPPER (See page 71-11)
- 6. REMOVE RADIO RECEIVER ASSEMBLY W/BRACKET (See page 67-5)
- 7. REMOVE CONSOLE BOX ASSY RR (See page 71-11)
- 8. REMOVE HEATER TO REGISTER DUCT NO.2 (See page 71–11)
- 9. REMOVE FRONT DOOR SCUFF PLATE RH (See page 76-36)
- 10. REMOVE REAR DOOR SCUFF PLATE RH (See page 76-36)
- 11. REMOVE COWL SIDE TRIM BOARD RH (See page 76-36)
- 12. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP RH (See page 76–36)
- 13. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP RH (See page 76–36)
- 14. REMOVE REAR SEAT CUSHION ASSEMBLY (See page 40/60 FOLDING FLIP-UP CUSHION 72-21, 40/60 FOLDING 72-27)
- 15. REMOVE REAR SEATBACK ASSY (See page 40/60 FOLDING FLIP-UP CUSHION 72-21, 40/60 FOLDING 72-27)
- 16. REMOVE REAR SIDE SEAT BACK ASSY RH
  (See page 40/60 FOLDING FLIP-UP CUSHION 72-21, 40/60 FOLDING 72-27)
- 17. REMOVE PACKAGE TRAY TRIM PANEL ASSY (See page 76-45)
- 18. REMOVE REAR FLOOR FINISH PLATE (See page 76-45)
- 19. REMOVE DECK TRIM SIDE PANEL ASSY RH (See page 76-45)
- 20. REMOVE ROOF SIDE GARNISH INNER RH (See page 76-45)
- 21. REMOVE FRONT SEAT ASSY RH (See page POWER SEAT 72-11, MANUAL SEAT 72-16)
- 22. REMOVE FLOOR CARPET ASSY FRONT

#### 23. REMOVE ANTENNA CORD SUB-ASSY NO.3

- (a) Disconnect the connectors.
- (b) w/ Navigation:

Remove the bolt, nut and screw.

w/o Navigation:

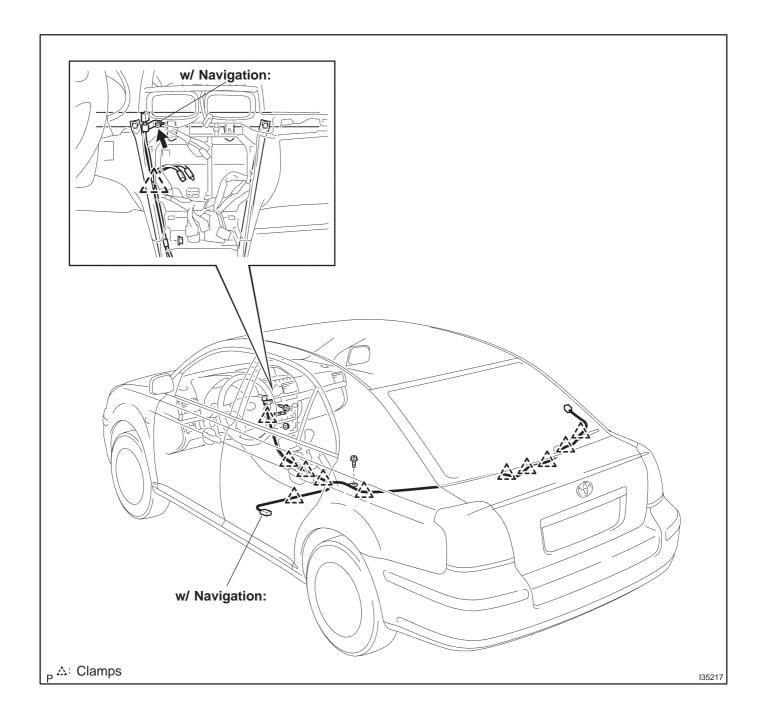
Remove the bolt and nut.

(c) w/ Navigation:

Remove the 11 clamps and the antenna cord sub-assy No.3.

w/o Navigation:

Remove the 10 clamps and the antenna cord sub-assy No.3.



#### 24. INSTALL ANTENNA CORD SUB-ASSY NO.3

(a) Install the bolt.

Torque: 7.0 N·m (71 kgf·cm, 62 in.·lbf)

(b) w/ Navigation:

Install the nut and screw.

w/o Navigation: Install the nut.

(c) w/ Navigation:

Install the 11 clamps and the antenna cord sub-assy No.3.

w/o Navigation:

Install the 10 clamps and the antenna cord sub-assy No.3.

25. INSTALL REAR SEATBACK ASSY

(See page 40/60 FOLDING FLIP-UP CUSHION 72-21, 40/60 FOLDING 72-27)

26. INSTALL FRONT SEAT ASSY RH (See page POWER SEAT 72–11, MANUAL SEAT 72–16)

# AUDIO & VISUAL SYSTEM PRECAUTION

670S4-01

#### 1. OBSERVE HANDLING AND OPERATIONAL PRECAUTIONS

- (a) Please explain to the customer that when the negative terminal is disconnected from the battery, the channel information memory of the AM/FM broadcast stations in the radio receiver is cleared. If necessary, make a note of the recorded channel information before the negative terminal is disconnected, then reset the information after the negative terminal is reconnected.
- (b) The removal/installation of the radio receiver should be performed after all the cassette tapes and audio CDs are ejected from the radio receiver.

#### HINT:

If the cassette tapes and the audio CDs cannot be ejected due to the malfunction of the radio receiver, do not try to drag them out by force. Bring the vehicle to the repair plant.

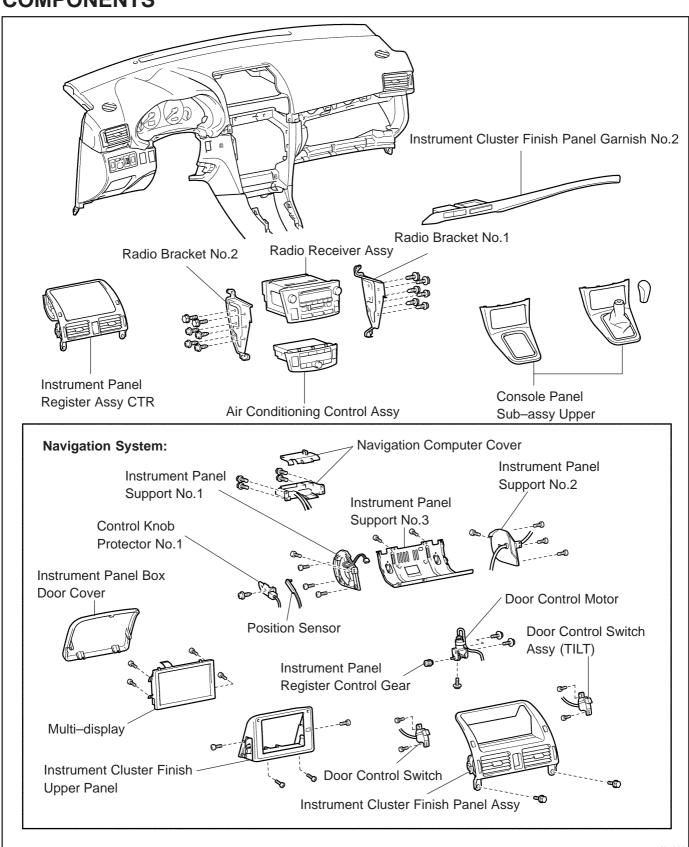
(c) Fasten the earth bolt securely when the antenna cord is removed or installed. HINT:

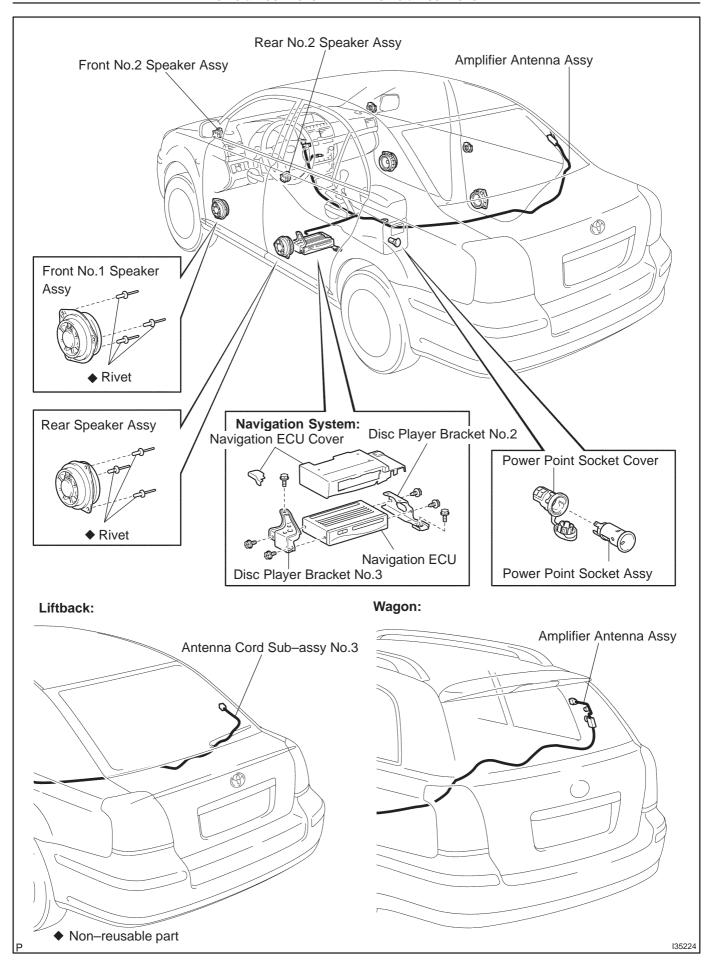
Failing to fasten the earth bolt securely causes noise at the time of radio wave reception.

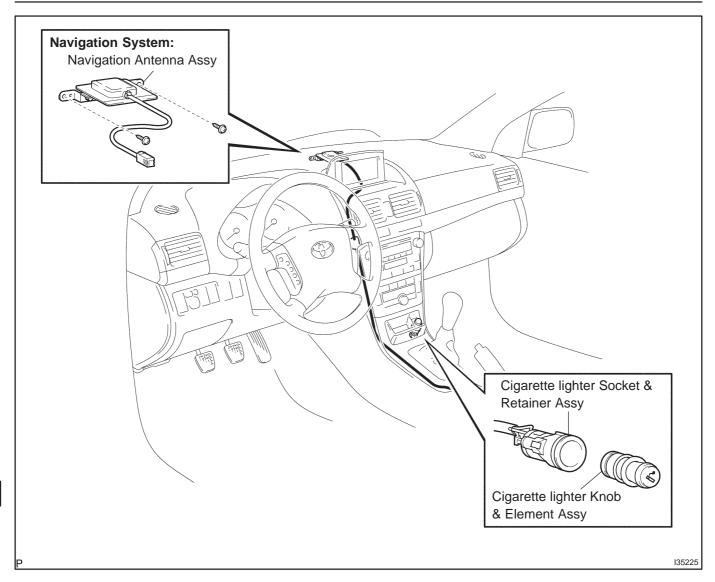
(d) Do not touch the cone paper of the speaker.

670S5-01

# **COMPONENTS**





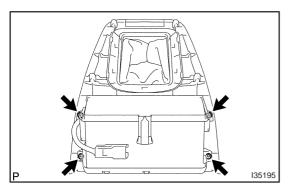


# **CIGARETTE LIGHTER ASSY**

### REPLACEMENT

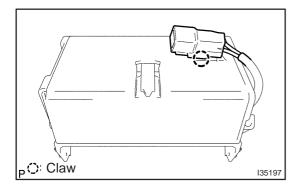
670SJ-0

1. REMOVE CONSOLE PANEL SUB-ASSY UPPER (See page 71-11)



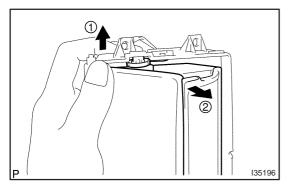
#### 2. REMOVE FRONT ASH RECEPTACLE ASSY

(a) Using a torx socket wrench (T20), remove the 4 screws and front ash receptacle assy.

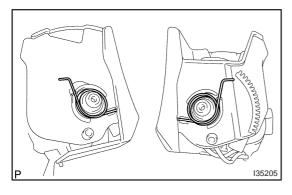


# 3. REMOVE FRONT ASH RECEPTACLE RETAINER SUB-ASSY

(a) Disengage the claw and disconnect the connector.

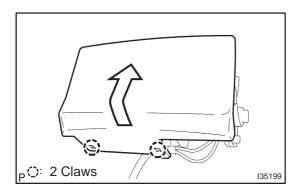


(b) Push up the corner of the outer case open and remove the retainer assy as shown in the illustration.

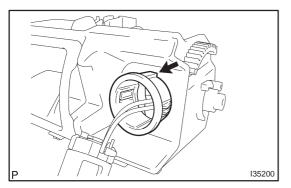


#### 4. REMOVE CIGARETTE LIGHTER ASSY

(a) Remove the 2 springs.

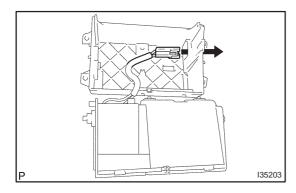


- (b) Disengage the 2 claws and remove the door.
- (c) Push out the cigarette lighter housing to the room side.
- (d) Push out the cigarette lighter ring w/ wire harness to the room side.

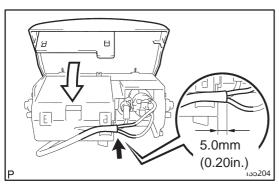


#### 5. INSTALL CIGARETTE LIGHTER ASSY

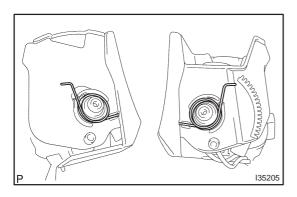
- (a) Align the claws of the cigarette lighter ring with the notches of the cigarette lighter box to fix the cigarette lighter w/ wire harness.
- (b) Push the cigarette lighter housing to the out side.



(c) Install the wire harness as shown in the illustration.

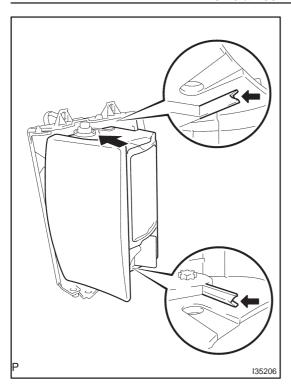


(d) Place the wire harness in the position shown in the illustration and install the door cover.

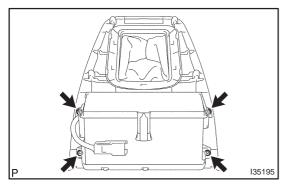


(e) Install the 2 springs.

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- (f) Make sure that the 2 springs are hooked on the claws and install the retainer assy.
- (g) Connect the connecter.



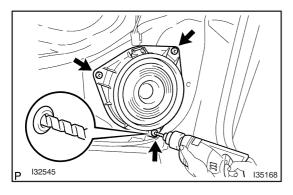
(h) Using a torx socket wrench (T20), install the 4 screws and front ash receptacle.

### FRONT NO.1 SPEAKER ASSY

#### REPLACEMENT

670S8-0

- 1. REMOVE REAR DOOR WINDOW REGULATOR HANDLE ASSY (W/O POWER WINDOW) (See page 75–8)
- 2. REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH LH (See page 75-8)
- 3. REMOVE FRONT DOOR TRIM BASE LH (See page 75-8)
- 4. REMOVE FUEL LID OPENER SWITCH (See page 75-8)
- 5. REMOVE POWER WINDOW REGULATOR SWITCH ASSY (W/ POWER WINDOW) (See page 75–8)
- 6. REMOVE FRONT DOOR TRIM BOARD SUB-ASSY LH (See page 75-8)



#### 7. REMOVE FRONT NO.1 SPEAKER ASSY

- (a) Disconnect the connector.
- (b) Using a drill of less then  $\phi$  4 mm (0.16 in.), drill out the 3 rivet heads and remove the front No.1 speaker assy from the front door panel.
- (c) Gently and vertically put the drill to the rivet, and cut the rivet flanges.

#### NOTICE:

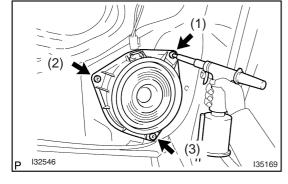
- Prizing the hole with a drill can lead to damage to the rivet hole or breaking the drill.
- Take care as the cut rivet is hot.
- (d) Even if flange is taken off, continue drilling and push out remaining fragments with the drill.
- (e) Using a vacuum cleaner, remove the drilled rivet and their dust from the inside of the front door panel.



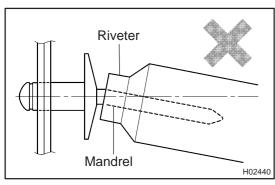
(a) Using an air riveter or a hand riveter, install 3 new strike rivets to install the front No.1 speaker assy on the front door panel.



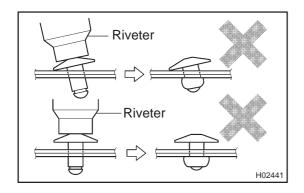
Install the new strike rivet in order shown in the illustration to install the front No.1 speaker assy.



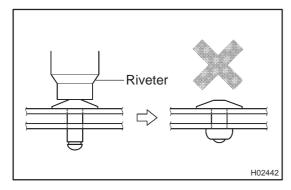
Do not prize a riveter, as the riveter could be damaged, loosened and the mandrel could be bent.



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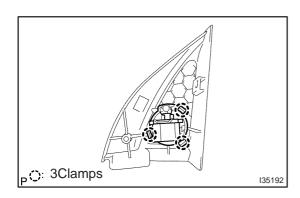
Do not tilt the riveter or disconnect the rivet from the materials while handling the riveter, as the materials are not tightened firmly.



- Install the rivet while there is no clearance between the materials to tighten the materials firmly.
- (b) Connect the connector.

# FRONT NO.2 SPEAKER ASSY REPLACEMENT

670S9-01



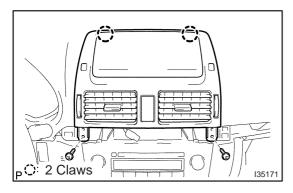
#### 1. REMOVE FRONT NO.2 SPEAKER ASSY

- (a) Remove the front door lower frame bracket garnish.
- (b) Disconnect the connector.
- (c) Disengage the 3 claws and remove the front No.2 speaker assy.

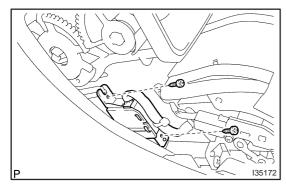
# MULTI-DISPLAY (CRT DISPLAY) DISPLAY REPLACEMENT

670S7-01

1. REMOVE INSTRUMENT CLUSTER FINISH PANEL GARNISH NO.2 (See page 71-11)

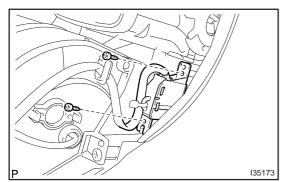


- 2. REMOVE INSTRUMENT PANEL REGISTER ASSY CTR
- (a) Remove the 2 screws.
- (b) Disengage the 2 claws and remove the instrument panel register assy CTR.
- (c) Disconnect the connectors.



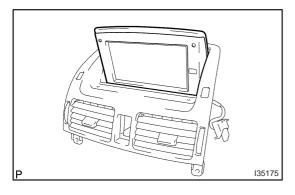
#### 3. REMOVE DOOR CONTROL SWITCH

(a) Remove the 2 screws and separate the door control switch.



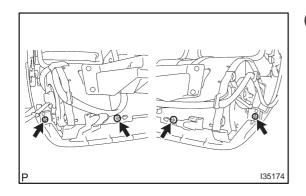
#### 4. REMOVE DOOR CONTROL SWITCH ASSY

(a) Remove the 2 screws and separate the door control switch assy (TILT).

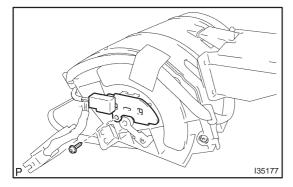


# 5. REMOVE INSTRUMENT CLUSTER FINISH PANEL ASSY

(a) Make the multi-display upright.

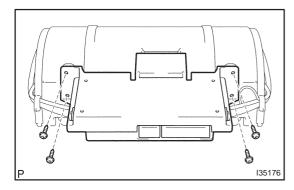


(b) Remove the 4 screws and the instrument cluster finish panel assy.



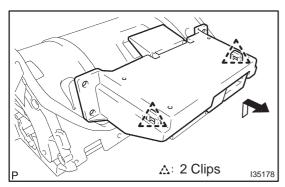
#### 6. REMOVE CONTROL KNOB PROTECTOR NO.1

- (a) Remove the screw and control knob protector No.1.
- (b) Separate the position sensor.

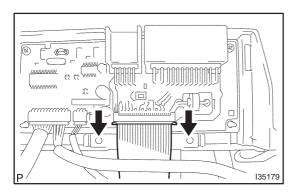


#### 7. REMOVE MULTI-DISPLAY (CRT DISPLAY) DISPLAY

(a) Remove the 4 screws and separate the navigation computer cover.

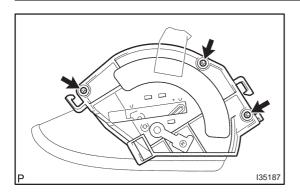


(b) Disengage the 2 clips, slide them in the arrow direction shown in the illustration to remove the navigation computer cover.

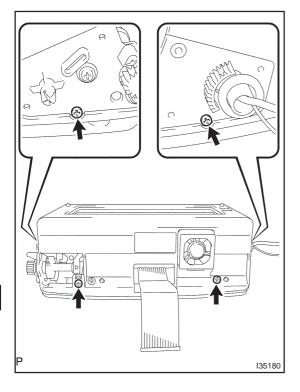


(c) Slide the lock of the connector in the arrow direction shown in the illustration to disconnect the flexible flat cable.

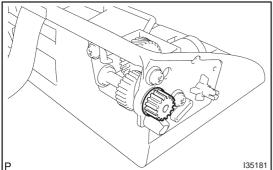
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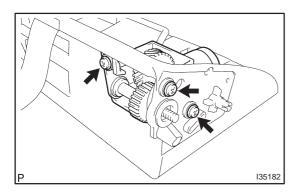
- (d) Remove the 3 screws and instrument panel support No.1.
- (e) Remove the 3 screws and instrument panel support No.2.
- (f) Remove the instrument panel support No.3.



(g) Remove the 4 screws and slide the instrument panel box door cover upward of the screen to remove it.

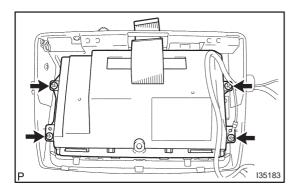


(h) Remove the instrument panel register control gear.

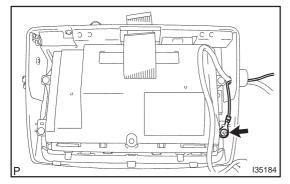


(i) Remove the 3 screws and door control motor.

AVENSIS REPAIR MANUAL (RM1018E)



(j) Remove the 4 screws and the multi-display.

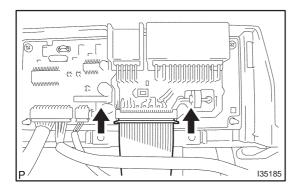


#### 8. INSTALL MULTI-DISPLAY (CRT DISPLAY) DISPLAY

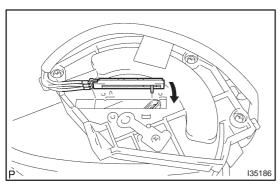
(a) Install the multi-display with the 4 screws.

#### NOTICE:

Tighten each screw together with the earth wire.



(b) Insert the flexible flat cable as deep as possible and install it by sliding the lock of the connector in the arrow direction shown in the illustration.



#### 9. INSTALL CONTROL KNOB PROTECTOR NO.1

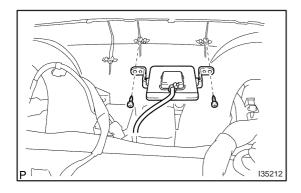
- (a) Fit the protrusion of the position sensor into the groove shown in the illustration to fix.
- (b) Install the control knob protector No.1.

# **NAVIGATION ANTENNA ASSY**

## **REPLACEMENT**

670SI-02

- 1. DISCONNECT BATTERY NEGATIVE TERMINAL (See page 60-1)
- 2. REMOVE INSTRUMENT PANEL SUB-ASSY UPPER W/INSTR PNL PASS L/DOOR AIR BAG ASSY (See page 71-11)



- 3. REMOVE NAVIGATION ANTENNA ASSY
- (a) Disconnect the connector.
- (b) Remove the 2 screws and navigation antenna assy.

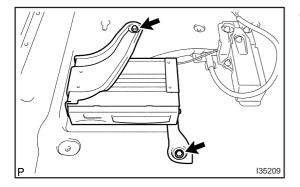
4. INSTALL INSTRUMENT PANEL SUB-ASSY UPPER W/INSTR PNL PASS L/DOOR AIR BAG ASSY (See page 71–11)

# **NAVIGATION ECU**

#### REPLACEMENT

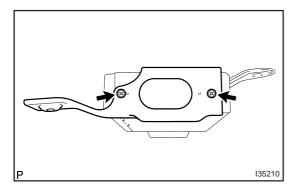
670SH-02

- 1. DISCONNECT BATTERY NEGATIVE TERMINAL (See page 60-1)
- 2. REMOVE FRONT SEAT ASSY LH (See page POWER SEAT 72–11, MANUAL SEAT 72–16)
- 3. REMOVE NAVIGATION ECU COVER
- (a) Remove the navigation ECU cover (Front side).
- (b) Remove the 3 clips and the navigation ECU cover.



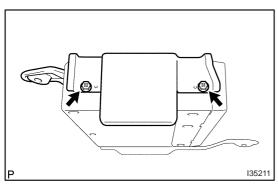
#### 4. REMOVE NAVIGATION COMPUTER W/BRACKET

- (a) Remove the 2 bolts.
- (b) Disconnect the connectors and remove the navigation computer w/ bracket.



#### 5. REMOVE DISC PLAYER BRACKET NO.2

(a) Remove the 2 screws and disc player bracket No.2.



#### 6. REMOVE DISC PLAYER BRACKET NO.3

(a) Remove the 2 screws and disc player bracket No.3.

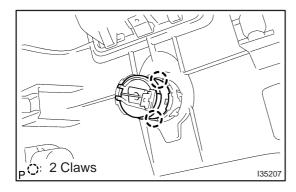
- 7. REMOVE NAVIGATION ECU
- 8. INSTALL FRONT SEAT ASSY LH (See page POWER SEAT 72-11, MANUAL SEAT 72-16)

# POWER POINT SOCKET ASSY

#### REPLACEMENT

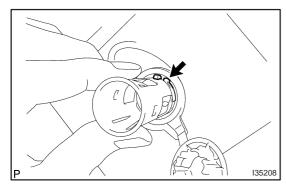
670SK-01

- 1. REMOVE FLOOR SHIFT SHIFT LEVER KNOB SUB-ASSY (M/T TRANSAXLE) (See page 41-11)
- 2. REMOVE CONSOLE PANEL SUB-ASSY UPPER (See page 71-11)
- 3. REMOVE CONSOLE PANEL SUB-ASSY LOWER (See page 71-11)
- 4. REMOVE CONSOLE BOX ASSY RR (See page 71–11)
- 5. REMOVE CONSOLE REAR END PANEL (See page 71–11)



#### 6. REMOVE POWER POINT SOCKET ASSY

- (a) Disengage the 2 claws and push out the power point socket to the room side.
- (b) Remove the power point socket cover from the rear consol panel.



#### 7. INSTALL POWER POINT SOCKET ASSY

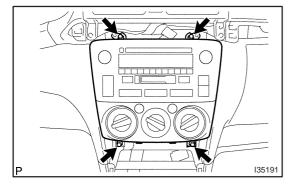
- (a) Install the power point socket cover to the rear consol panel.
- (b) Align the claw of power point socket with the one of the socket cover, and push in the power point socket.

# RADIO RECEIVER ASSY

#### REPLACEMENT

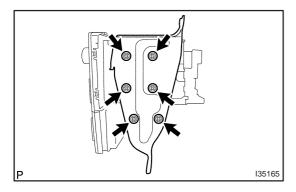
670S6-02

- 1. DISCONNECT BATTERY NEGATIVE TERMINAL (See page 60-1)
- 2. REMOVE INSTRUMENT CLUSTER FINISH PANEL GARNISH NO.2 (See page 71-11)
- 3. REMOVE INSTRUMENT PANEL REGISTER ASSY CTR (See page 71–11)
- 4. REMOVE CONSOLE PANEL SUB-ASSY UPPER (See page 71-11)



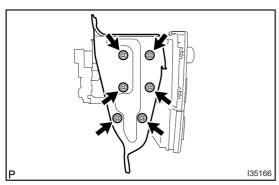
# 5. REMOVE RADIO RECEIVER ASSEMBLY W/BRACKET

- (a) Remove the 4 bolts.
- (b) Disconnect the connector and remove the radio receiver assy w/ bracket.



#### 6. REMOVE RADIO BRACKET NO.1

(a) Remove the 6 screws and radio bracket No.1.



#### 7. REMOVE RADIO BRACKET NO.2

(a) Remove the 6 screws and radio bracket No.2.

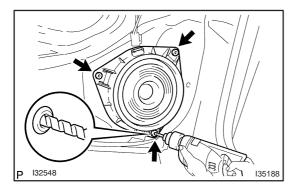
- 8. REMOVE AIR CONDITIONING CONTROL ASSY (See page 55-50)
- 9. REMOVE RADIO RECEIVER ASSY

### REAR SPEAKER ASSY

#### REPLACEMENT

670SA\_01

- 1. REMOVE REAR DOOR WINDOW REGULATOR HANDLE ASSY (See page 75–22)
- 2. REMOVE REAR DOOR TRIM BASE LH (See page 75-22)
- 3. REMOVE POWER WINDOW REGULATOR SWITCH ASSY REAR (W/ POWER WINDOW) (See page 75–22)
- 4. REMOVE REAR DOOR TRIM BOARD SUB-ASSY LH (See page 75-22)



#### 5. REMOVE REAR SPEAKER ASSY

- (a) Disconnect the connector.
- (b) Using a drill of less then  $\phi$  4 mm (0.16 in.), drill out the 3 rivet heads and remove the rear speaker assy from the rear door panel.
- (c) Gently and vertically put the drill to the rivet, and cut the rivet flanges.

#### **NOTICE:**

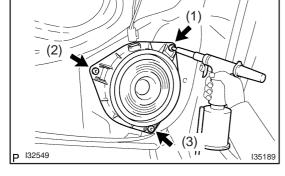
- Prizing the hole with a drill can lead to damage to the rivet hole or breaking the drill.
- Take care as the cut rivet is hot.
- (d) Even if flange is taken off, continue drilling and push out remaining fragments with the drill.
- (e) Using a vacuum cleaner, remove the drilled rivets and their dust from the inside of the rear door panel.

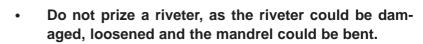


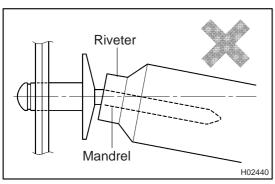
(a) Using an air riveter or a hand riveter, install 3 new strike rivets to install the rear speaker assy on the rear door panel.

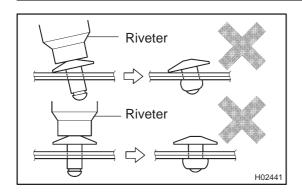
#### NOTICE:

 Install the new strike rivet in order shown in the illustration to install the rear speaker assy.

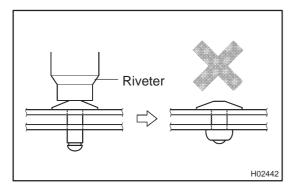








Do not tilt the riveter or disconnect the rivet from the materials while handling the riveter, as the materials are not tightened firmly.



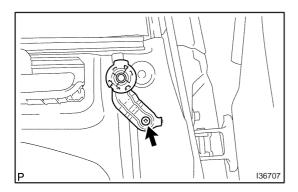
- Install the rivet while there is no clearance between the materials to tighten the materials firmly.
- (b) Connect the connector.

# **REAR SPEAKER ASSY NO.2**

#### REPLACEMENT

670SB-0

- 1. REMOVE REAR DOOR WINDOW REGULATOR HANDLE ASSY (W/O POWER WINDOW) (See page 75–22)
- 2. REMOVE POWER WINDOW REGULATOR SWITCH ASSY REAR (W/ POWER WINDOW) (See page 75–22)
- 3. REMOVE REAR DOOR TRIM BASE LH (See page 75-22)
- 4. REMOVE REAR DOOR TRIM BOARD SUB-ASSY LH (See page 75-22)

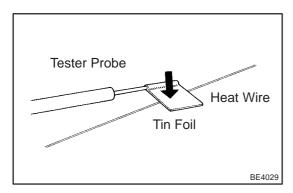


#### 5. REMOVE REAR SPEAKER ASSY NO.2

- (a) Disconnect the connector.
- (b) Remove the screw and the rear No.2 speaker assy.

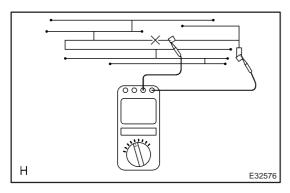
# WINDOW GLASS (ANTENNA WIRE) REPAIR

670SL-01

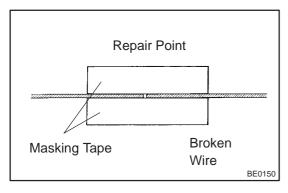


# 1. INSPECT WINDOW GLASS (ANTENNA WIRE) NOTICE:

When cleaning the glass, wipe it in the direction of the wire with a soft and dry cloth. Take care not to damage the wire. Do not use detergents or glass cleaners with abrasive ingredients. When measuring voltage, wind a piece of tin foil around the tip of the tester probe and press the foil against the wire with your finger, as shown in the illustration.

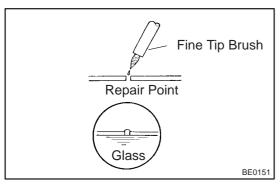


(a) Check the continuity, at the center of each antenna wire, as shown in the illustration.



#### 2. REPAIR WINDOW GLASS (ANTENNA WIRE)

- (a) Clean the broken wire tips with a grease, wax and silicone remover.
- (b) Place the masking tape along both sides of the wire to be repaired.
- (c) Thoroughly mix the repair agent (Dupont paste No.4817).



- (d) Using a fine tip brush, apply a small amount of the mixture to the wire.
- (e) After a few minutes, remove the masking tape.
- (f) Do not repair the defogger wire for at least 24 hours afterwards.