

# AUDIO & VISUAL SYSTEM

6716F-01

## PRECAUTION

### 1. OBSERVE HANDLING AND OPERATIONAL PRECAUTIONS

- (a) Explain to the customer that when the negative terminal is disconnected from the battery, the AM/FM channel presets in the radio receiver are 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 cassette tapes and audio CDs are ejected from the radio receiver.

#### HINT:

If a cassette tape or audio CD cannot be ejected due to a malfunction in the radio receiver, do not attempt to remove it forcefully. Bring the vehicle to a repair plant.

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

#### HINT:

Failure to fasten the earth bolt securely causes noise when receiving radio waves.

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

### NOTICE FOR INITIALIZATION:

**When disconnecting the negative (-) battery terminal, initialize the following systems after the terminal is reconnected.**

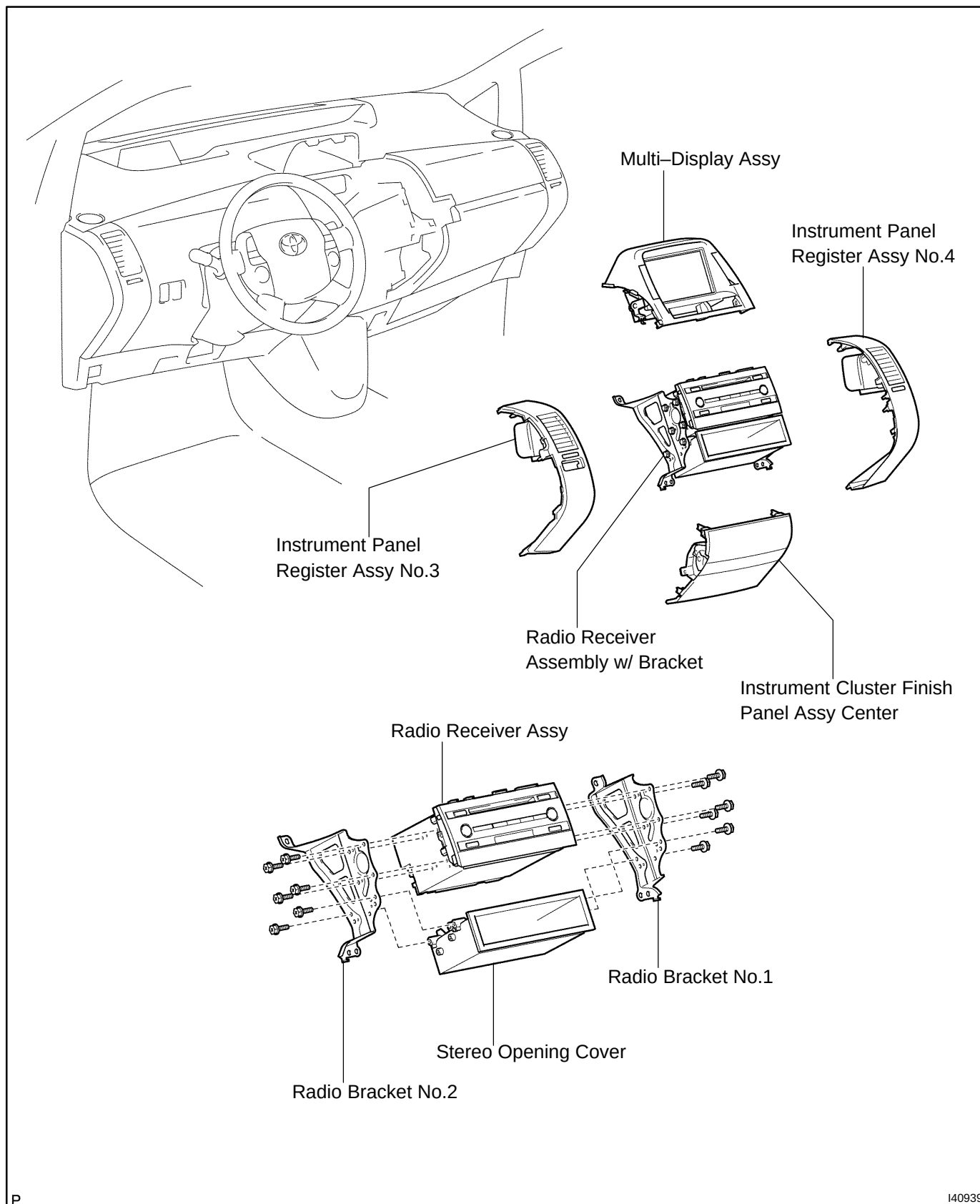
| System Name                 | See Page              |
|-----------------------------|-----------------------|
| Power Window Control System | <a href="#">01-28</a> |

### NOTICES FOR HYBRID SYSTEM ACTIVATION:

- ◆ When the warning lamp is illuminated or the battery has been disconnected and reconnected, pressing the power switch may not start the system on the first try. If so, press the power switch again.
- ◆ With the power switch's power mode changed to ON (IG), disconnect the battery. If the key is not in the key slot during reconnection, DTC B2799 may be output.

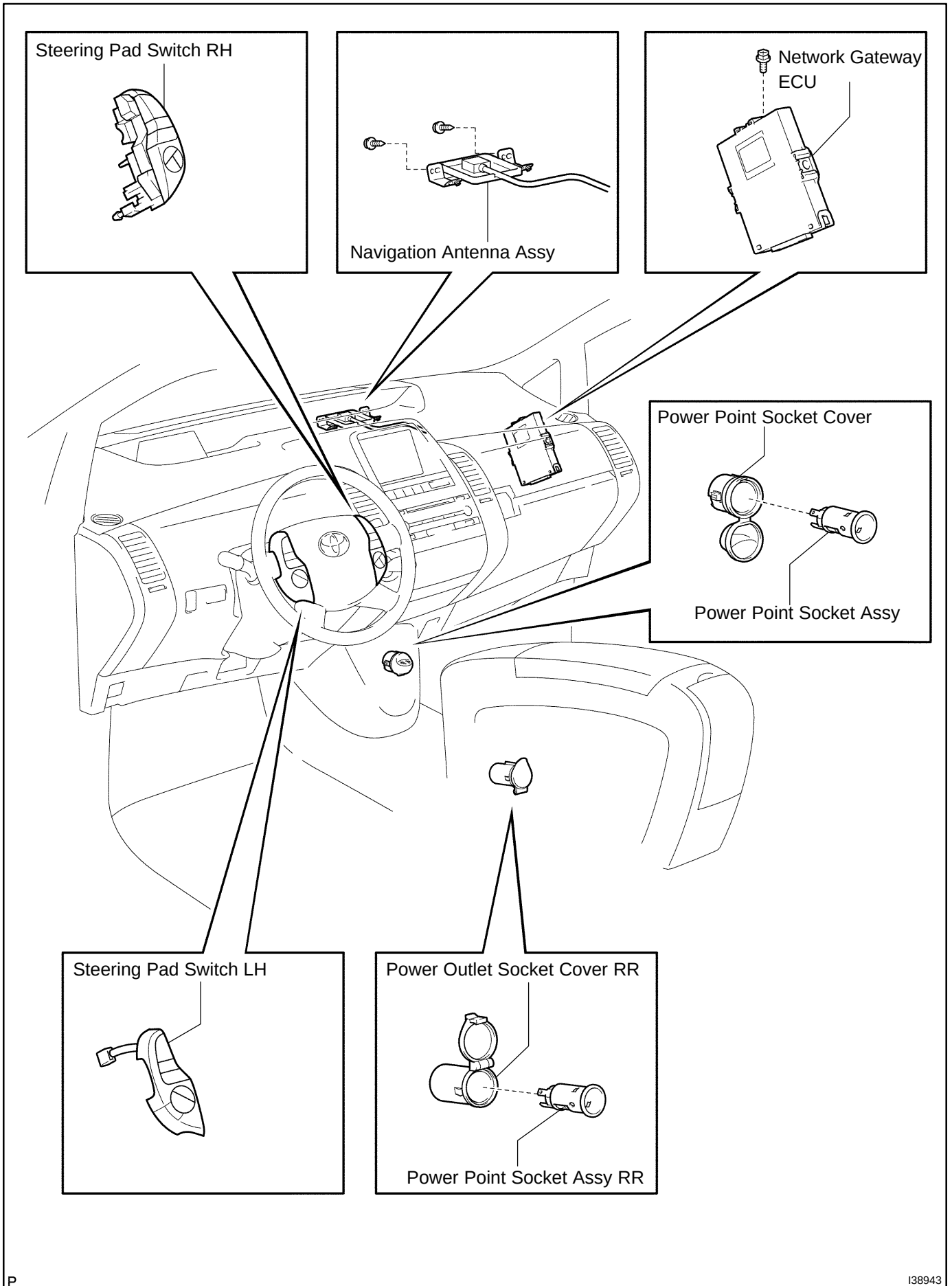
cardiagn.com

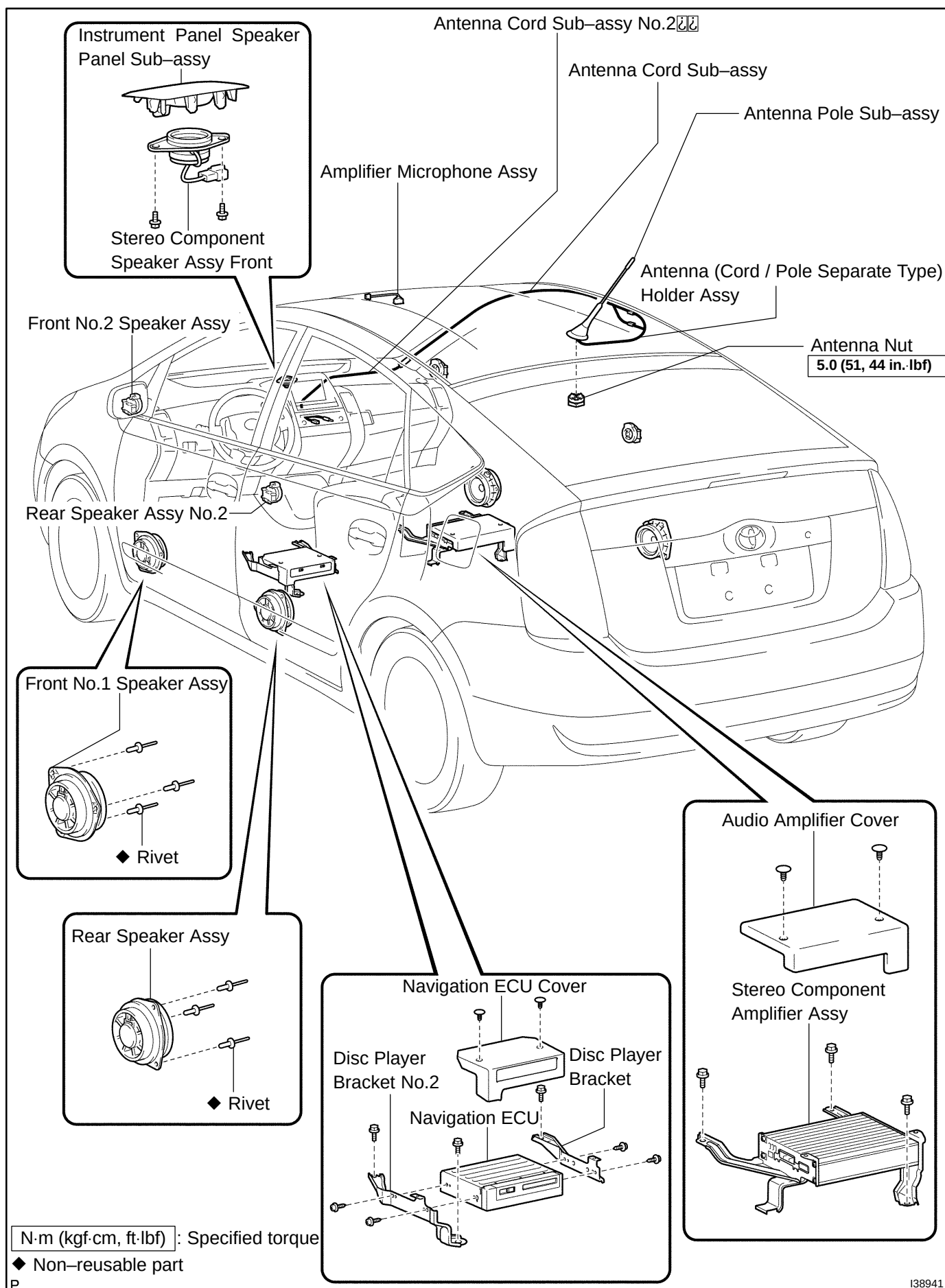
## COMPONENTS



P

I40939



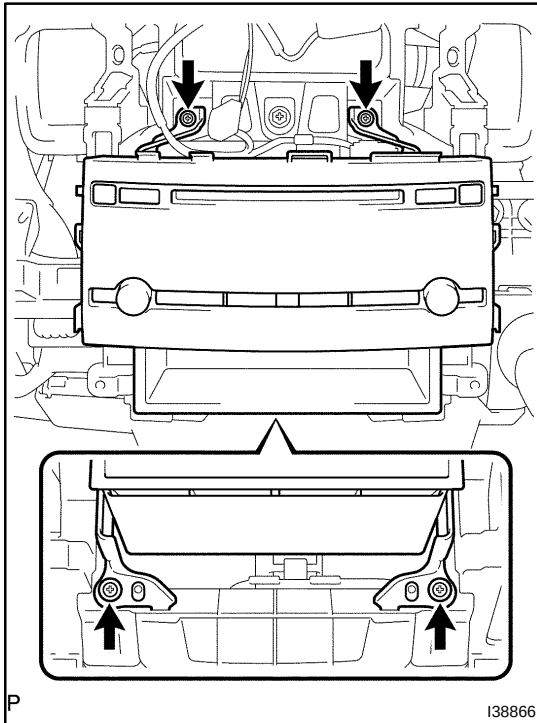


# RADIO RECEIVER ASSY REPLACEMENT

6716G-01

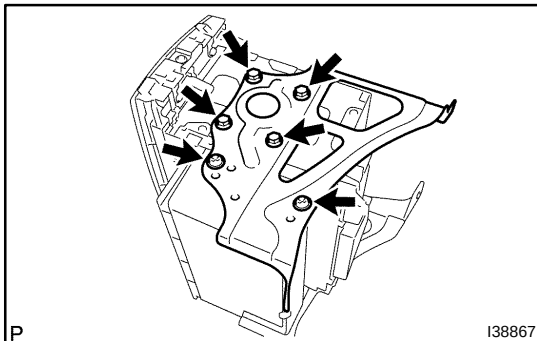
## HINT:

- ◆ COMPONENTS: See page 67-2
  - ◆ Installation is in the reverse order of removal.
1. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.3 (SEE PAGE 71-7)
  2. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.4 (SEE PAGE 71-7)
  3. REMOVE INSTRUMENT CLUSTER FINISH PANEL ASSY CENTER (SEE PAGE 71-7)
  4. REMOVE MULTI-DISPLAY ASSY (SEE PAGE 67-7)



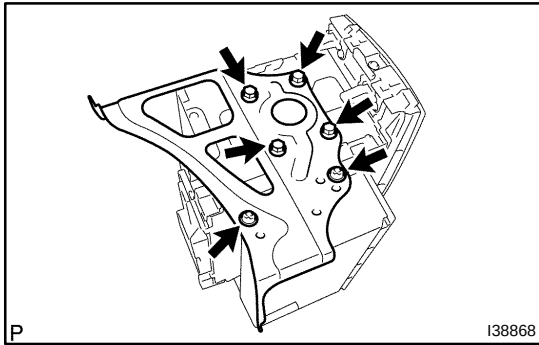
## 5. REMOVE RADIO RECEIVER ASSEMBLY W/BRACKET

- (a) Remove the 4 screws.
- (b) Disconnect the connector and remove the radio receiver-assembly 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.

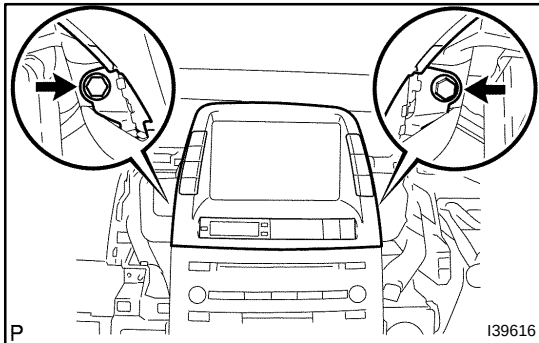
**8. REMOVE RADIO RECEIVER ASSY**

## MULTI-DISPLAY ASSY REPLACEMENT

6716H-01

### HINT:

- ◆ COMPONENTS: See page 67-2
  - ◆ Installation is in the reverse order of removal.
1. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.3 (SEE PAGE 71-7)
  2. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.4 (SEE PAGE 71-7)



### 3. REMOVE MULTI-DISPLAY ASSY

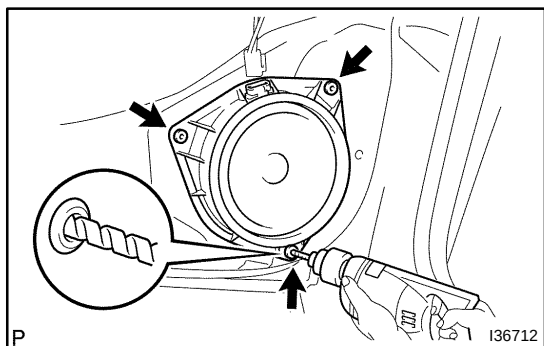
- (a) Remove the 2 bolts.
- (b) Disconnect the connector and remove the multi-display assy.

# FRONT NO.1 SPEAKER ASSY REPLACEMENT

6716I-01

## HINT:

- ◆ COMPONENTS: See page 67-2
  - ◆ Use the same procedures for the RH side and LH side.
  - ◆ The procedures listed below are for the LH side.
  - ◆ Installation is in the reverse order of removal.
1. REMOVE FRONT DOOR INSIDE HANDLE BEZEL LH (SEE PAGE 75-9)
  2. REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH LH (SEE PAGE 75-9)
  3. REMOVE DOOR PULL HANDLE (SEE PAGE 75-9)
  4. REMOVE FRONT ARMREST BASE PANEL UPPER LH (SEE PAGE 75-9)
  5. REMOVE FRONT DOOR GLASS WEATHERSTRIP INNER LH (SEE PAGE 75-9)
  6. REMOVE FRONT DOOR TRIM BOARD SUB-ASSY LH (SEE PAGE 75-9)



## 7. REMOVE FRONT NO.1 SPEAKER ASSY

- (a) Disconnect the connector.
- (b) Drill out the 3 rivet heads using a drill with a bit diameter of less than 4 mm (0.16 in.), and remove the front No.1 speaker assy from the front door panel.
- (c) Operate the drill along the rivet head circumference and cut out the flange.

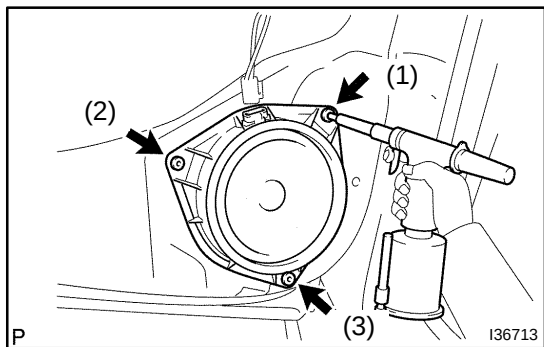
### NOTICE:

Prying the rivet using a drill may scratch the rivet hole or break the drill bit.

### CAUTION:

Be careful. The cut rivet is very hot.

- (d) After drilling out the flange, continue drilling to push out the shards on the drill.
- (e) Using a vacuum cleaner, remove the holed rivet and foreign matter from the front door panel.

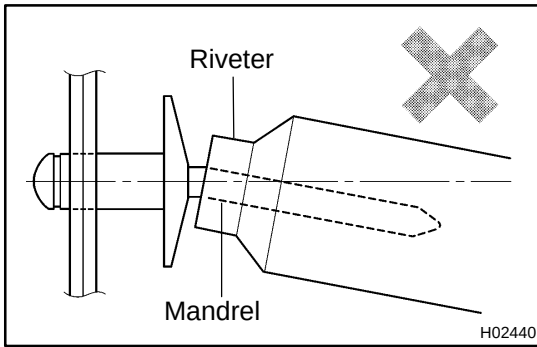


## 8. INSTALL FRONT NO.1 SPEAKER ASSY

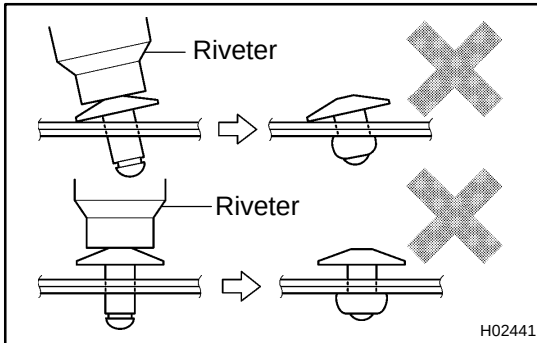
- (a) Using an air riveter or hand riveter, install 3 new strike rivets on the front No.1 speaker assy on the front door panel.

### HINT:

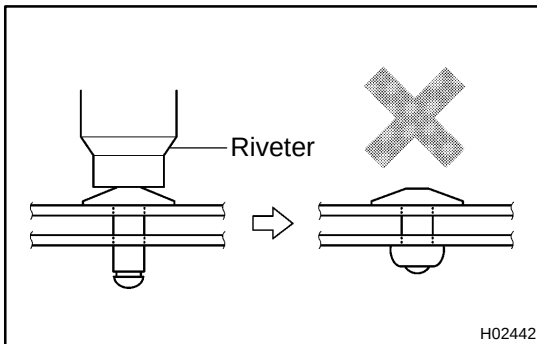
Install the new strike rivets in order as shown in the illustration.

**NOTICE:**

- ◆ Do not tilt the rivet head. Doing so may scratch the riveter or bend the loosened rivet on the mandrel.



- ◆ Do not tilt the riveter or remove the rivet from the material. Material that is not securely tightened may deviate.



- ◆ The rivet should be installed only when there is no clearance between materials to ensure secure installation.

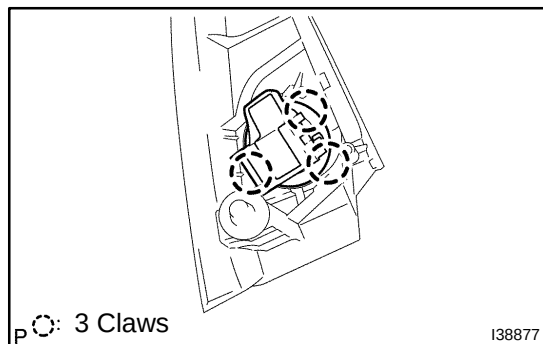
(b) Connect the connector.

## FRONT NO.2 SPEAKER ASSY REPLACEMENT

67163-01

### HINT:

- ◆ COMPONENTS: See page 67-2
  - ◆ Use the same procedures for the RH side and LH side.
  - ◆ The procedures listed below are for the LH side.
  - ◆ Installation is in the reverse order of removal.
1. **REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH LH (SEE PAGE 75-9)**



2. **REMOVE FRONT NO.2 SPEAKER ASSY**
  - (a) Disengage the 3 claws and remove the front No.2 speaker Assy.

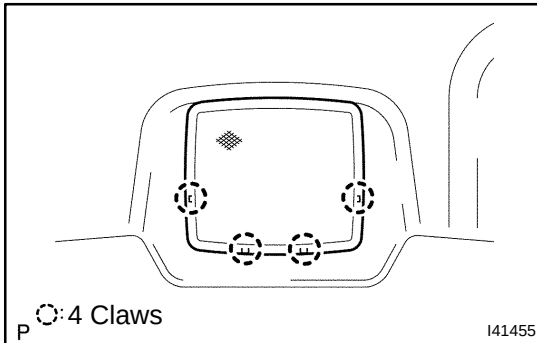
# STEREO COMPONENT SPEAKER ASSY FRONT

## REPLACEMENT

6716M-01

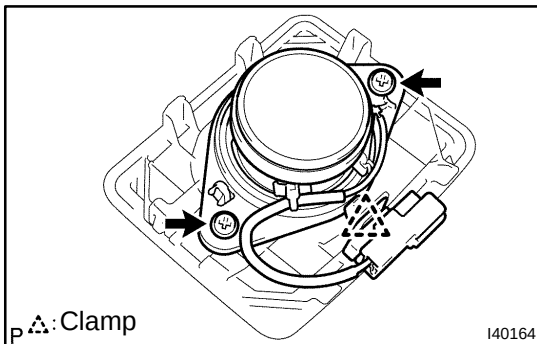
### HINT:

- ◆ COMPONENTS: See page 67-2
- ◆ Installation is in the reverse order of removal.



### 1. REMOVE STEREO COMPONENT SPEAKER ASSY FRONT

- (a) Disengage the 4 claws and remove the instrument panel speaker panel.
- (b) Disconnect the connector.



- (c) Remove the 2 screws and disengage the clamp and then remove the stereo component speaker assy front.

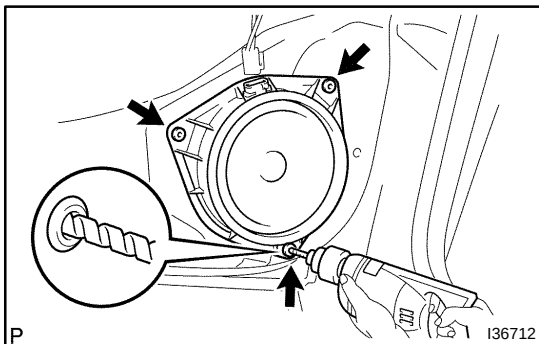
cardiagn.com

# REAR SPEAKER ASSY REPLACEMENT

6716K-01

## HINT:

- ◆ COMPONENTS: See page 67-2
  - ◆ Use the same procedures for the RH side and LH side.
  - ◆ The procedures listed below are for the LH side.
  - ◆ Installation is in the reverse order of removal.
1. REMOVE REAR DOOR INSIDE HANDLE BEZEL LH (SEE PAGE 75-22)
  2. REMOVE DOOR PULL HANDLE (SEE PAGE 75-22)
  3. REMOVE REAR DOOR ARMREST BASE PANEL UPPER LH (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) Drill out the 3 rivet heads using a drill with a bit diameter of less than 4 mm (0.16 in.), and remove the rear speaker assy from the rear door panel.
- (c) Operate the drill along the rivet head circumference and cut out the flange.

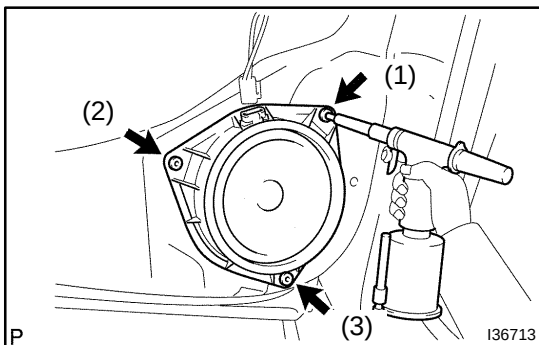
### NOTICE:

Prying the rivet using a drill may scratch the rivet hole or break the drill bit.

### CAUTION:

Be careful. The cut rivet is very hot.

- (d) After drilling out the flange, continue drilling to push out the shards on the drill.
- (e) Using a vacuum cleaner, remove the holed rivet and foreign matter from the front door panel.

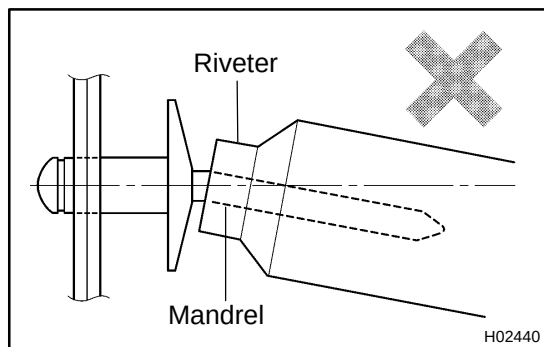


## 6. INSTALL REAR SPEAKER ASSY

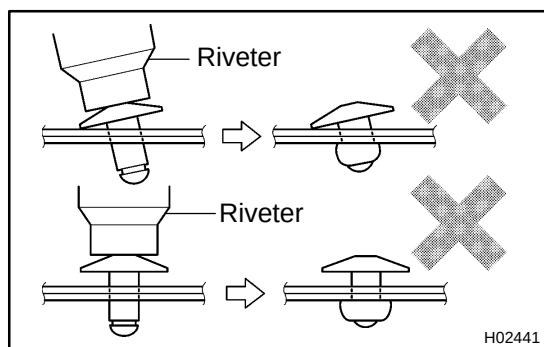
- (a) Using an air riveter or hand riveter, install 3 new strike rivets on the rear speaker assy on the front door panel.

### HINT:

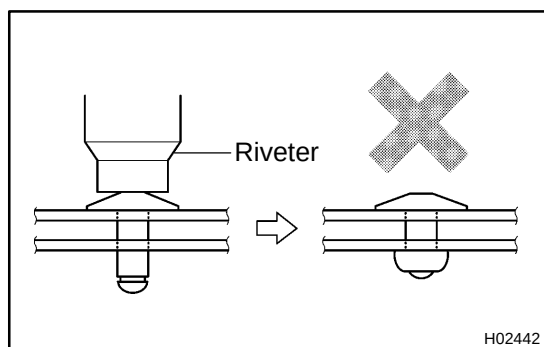
Install the new strike rivets in order as shown in the illustration.

**NOTICE:**

- ◆ Do not tilt the rivet head. Doing so may scratch the riveter or bend the loosened rivet on the mandrel.



- ◆ Do not tilt the riveter or remove the rivet from the material. Material that is not securely tightened may become loose.



- ◆ The rivet should be installed only when there is no clearance between materials to ensure secure installation.

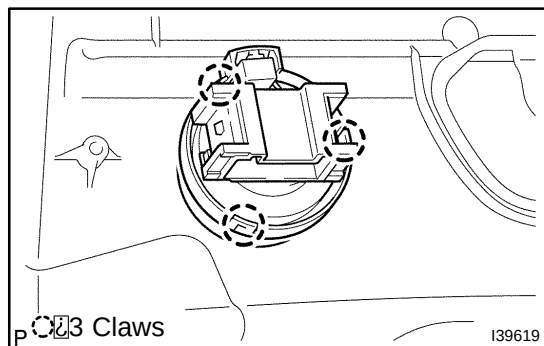
(b) Connect the connector.

## REAR SPEAKER ASSY NO.2 REPLACEMENT

6716L-01

### HINT:

- ◆ COMPONENTS: See page 67-2
  - ◆ Use the same procedures for the RH side and LH side.
  - ◆ The procedures listed below are for the LH side.
  - ◆ Installation is in the reverse order of removal.
1. REMOVE REAR DOOR INSIDE HANDLE BEZEL LH (SEE PAGE 75-22)
  2. REMOVE DOOR PULL HANDLE (SEE PAGE 75-22)
  3. REMOVE REAR DOOR ARMREST BASE PANEL UPPER 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) Disengage the 3 claws and remove the rear speaker assy No.2.

## ANTENNA CORD SUB-ASSY REPLACEMENT

6716P-01

HINT:

- ◆ COMPONENTS: See page 67-2
- ◆ Installation is in the reverse order of removal.

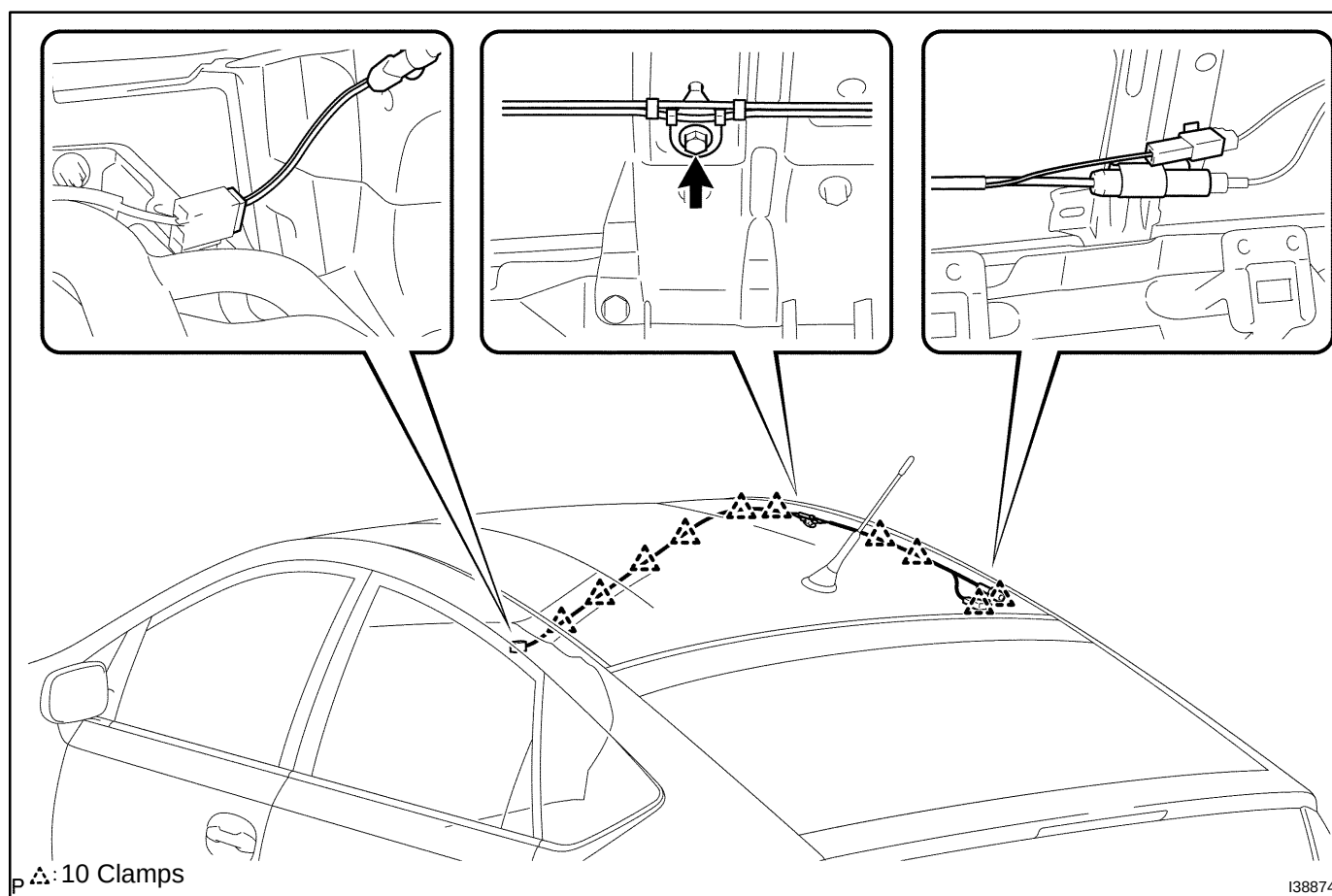
### 1. REMOVE ROOF HEADLINING ASSY (SEE PAGE 76-28)

HINT:

Refer to the procedures up to "REMOVE ROOF HEAD LINING ASSY".

### 2. REMOVE ANTENNA CORD SUB-ASSY

- (a) Disconnect each connector.
- (b) Remove the 10 clamps and earth bolt to remove the antenna cord sub-assy.



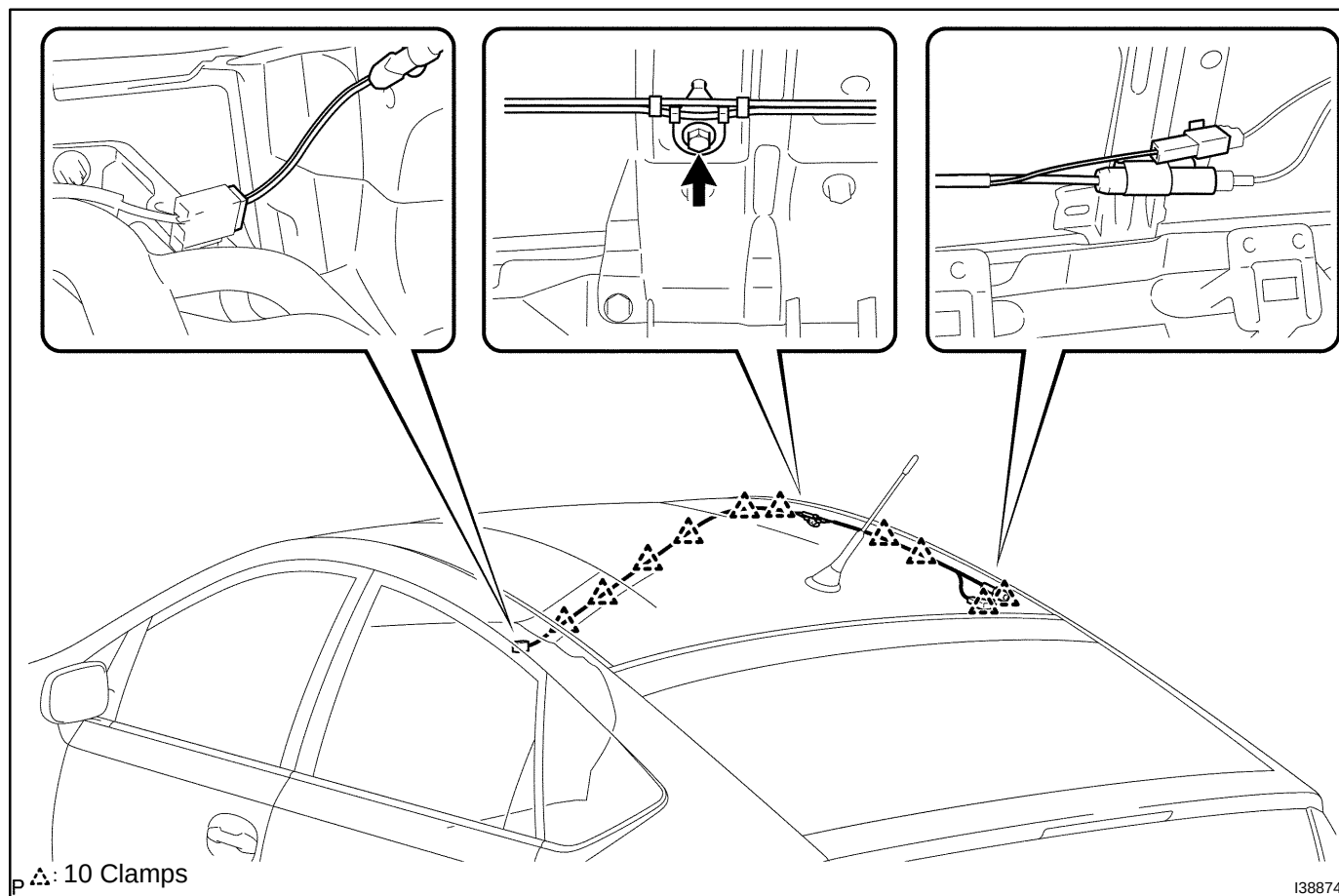
cardiagn.com

**3. INSTALL ANTENNA CORD SUB-ASSY**

- (a) Install the 10 clamps and bolt.

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

- (b) Connect each connector.

**4. INSTALL ROOF HEADLINING ASSY (SEE PAGE 76-28)**

HINT:

Refer to the procedures from "INSTALL ROOF HEAD LINING ASSY".

## ANTENNA CORD SUB-ASSY NO.2 REPLACEMENT

6716Q-01

HINT:

- ◆ COMPONENTS: See page 67-2
- ◆ Installation is in the reverse order of removal.

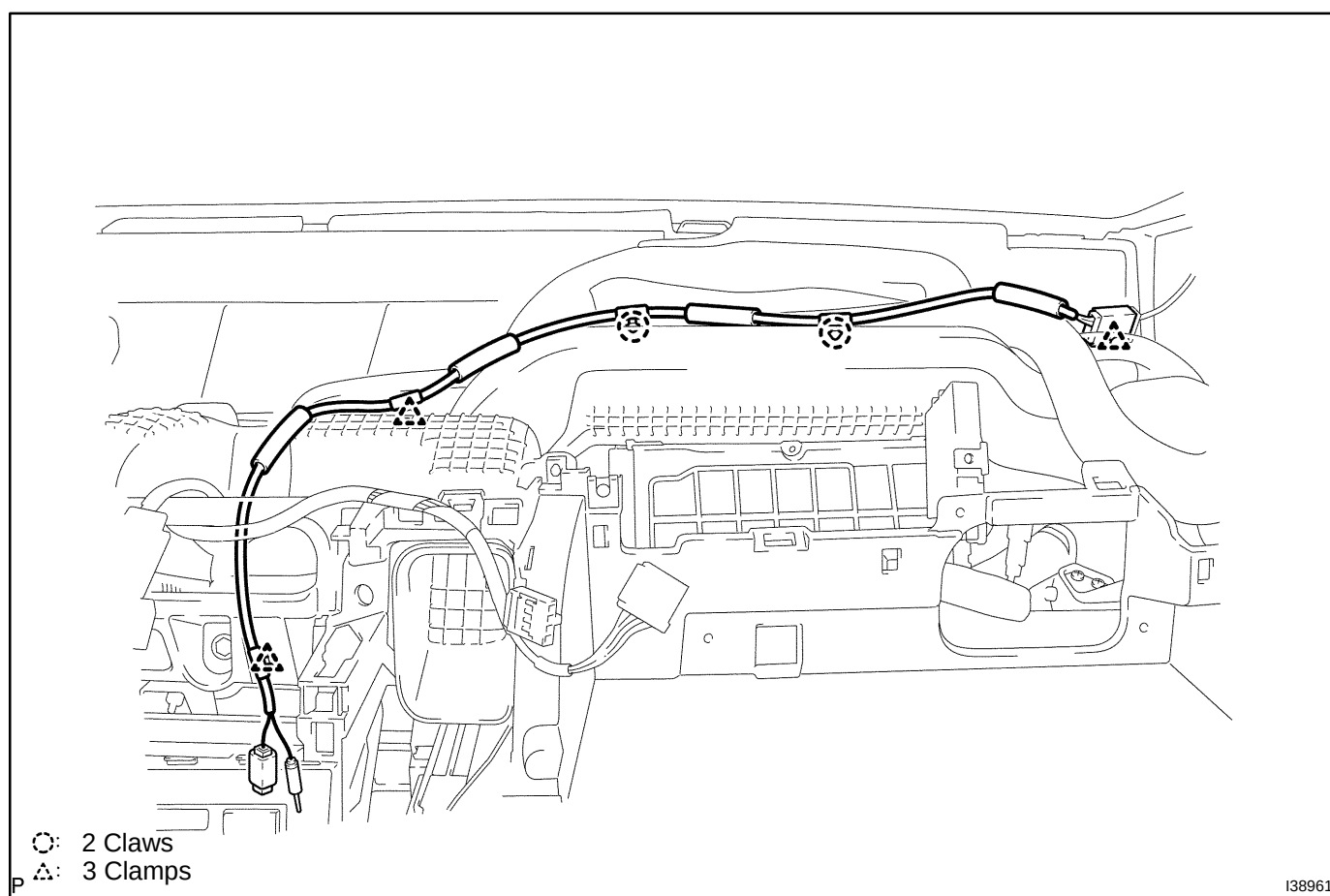
### 1. REMOVE INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-7)

HINT:

Refer to the procedures up to "REMOVE INSTRUMENT PANEL SUB-ASSY W/ PASSENGER AIRBAG ASSY".

### 2. REMOVE ANTENNA CORD SUB-ASSY NO.2

- (a) Disconnect each connector.
- (b) Remove the 3 clamps and disengage the 2 claws, and then remove the antenna cord sub-assy No.2.



cardiagn.com

**3. INSTALL INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY  
(SEE PAGE 71-7)**

HINT:

Refer to the procedures from "INSTALL INSTRUMENT PANEL SUB-ASSY W/ PASSENGER AIRBAG ASSY".

# ANTENNA (CORD/POLE SEPARATE TYPE) HOLDER ASSY REPLACEMENT

6716N-01

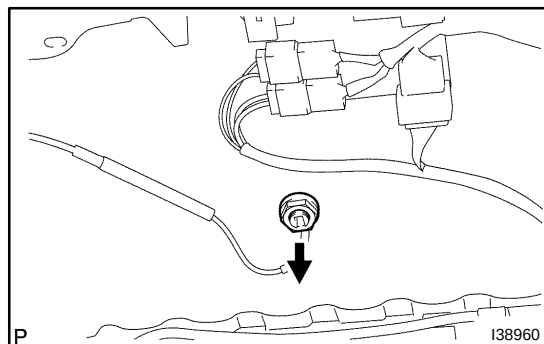
HINT:

- ◆ COMPONENTS: See page 67-2
- ◆ Installation is in the reverse order of removal.

## 1. REMOVE ROOF HEADLINING ASSY (SEE PAGE 76-28)

HINT:

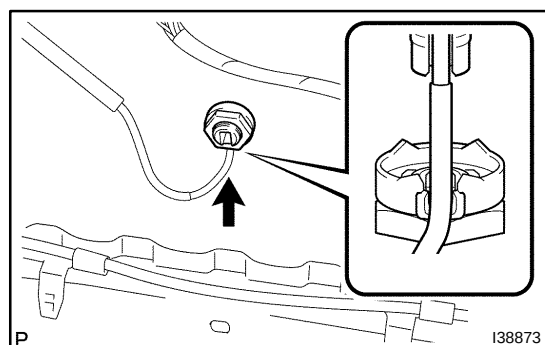
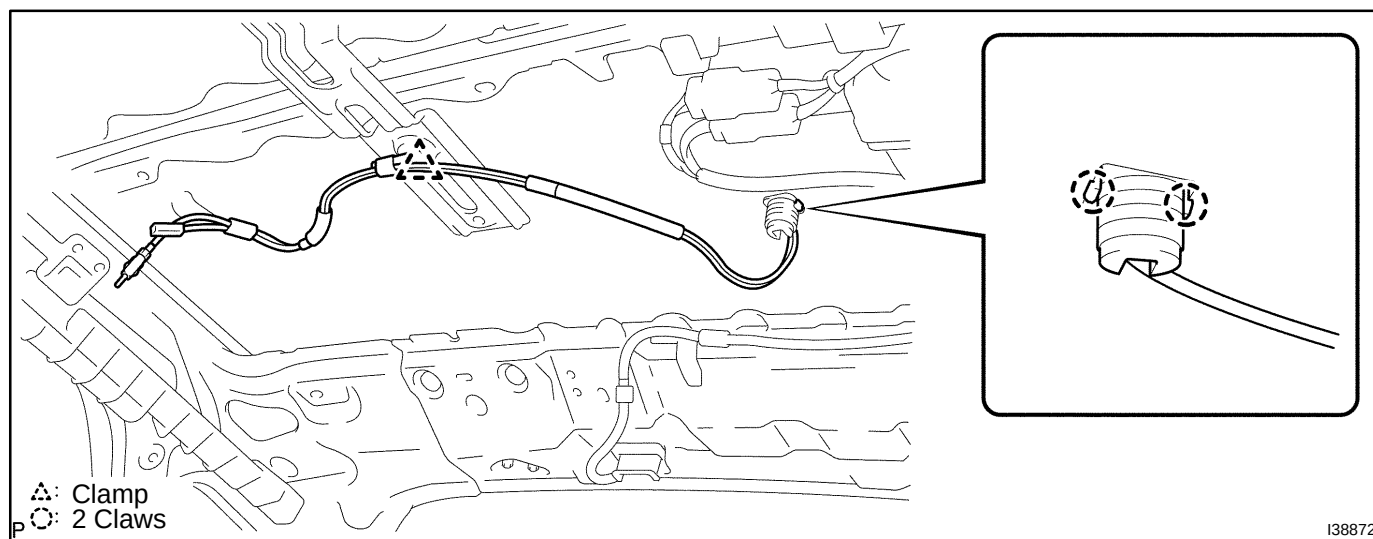
Refer to the procedures up to "REMOVE ROOF HEAD LINING ASSY".



## 2. REMOVE ANTENNA (CORD/POLE SEPARATE TYPE) HOLDER ASSY

- (a) Disconnect each connector.
- (b) Remove the antenna nut.

- (c) Remove the clamp and disengage the 2 claws to remove the antenna holder assy.



## 3. INSTALL ANTENNA (CORD/POLE SEPARATE TYPE) HOLDER ASSY

- (a) Install the antenna holder assy on the roof and align the antenna cord with the antenna nut cutout.
- (b) Tighten the antenna holder assy with the antenna nut.  
**Torque: 5.0 N·m (51 kgf·cm, 44 in.-lbf)**
- (c) Install each clamp.

**4. INSTALL ROOF HEADLINING ASSY (SEE PAGE 76-28)**

HINT:

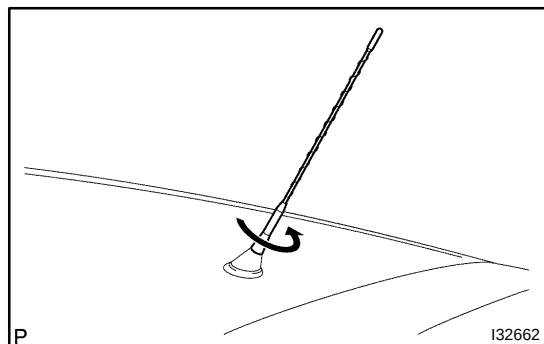
Refer to the procedures from "INSTALL ROOF HEAD LINING ASSY".

## ANTENNA POLE SUB-ASSY REPLACEMENT

67160-01

**HINT:**

- ◆ COMPONENTS: See page [67-2](#)
- ◆ Installation is in the reverse order of removal.

**1. REMOVE ANTENNA POLE SUB-ASSY**

- (a) Remove the antenna pole sub-assy by turning it counter-clockwise.

# NAVIGATION ANTENNA ASSY REPLACEMENT

6716R-01

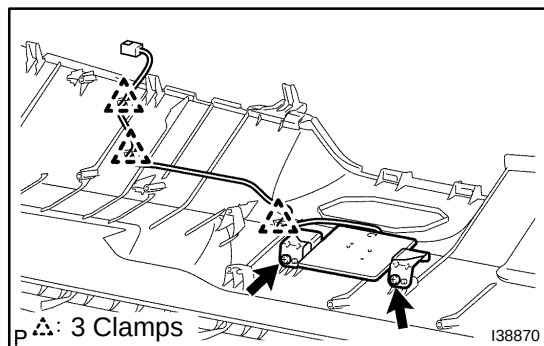
HINT:

- ◆ COMPONENTS: See page 67-2
- ◆ Installation is in the reverse order of removal.

## 1. REMOVE INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-7)

HINT:

Refer to the procedures up to "REMOVE INSTRUMENT PANEL SUB-ASSY W/ PASSENGER AIRBAG ASSY".



## 2. REMOVE NAVIGATION ANTENNA ASSY

- (a) Remove the 2 screws and 3 clamps to remove the navigation antenna assy.

## 3. INSTALL INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-7)

HINT:

Refer to the procedures from "INSTALL INSTRUMENT PANEL SUB-ASSY W/ PASSENGER AIRBAG ASSY".

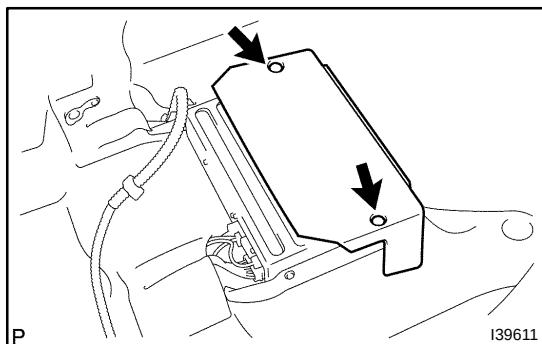
# NAVIGATION ECU REPLACEMENT

6716S-01

## HINT:

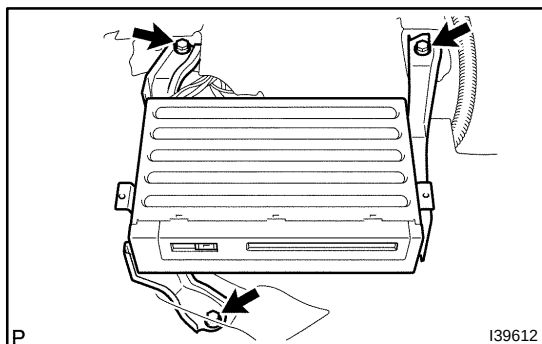
- ◆ COMPONENTS: See page 67-2
- ◆ Installation is in the reverse order of removal.

### 1. REMOVE FRONT SEAT ASSEMBLY LH (SEE PAGE 72-2)



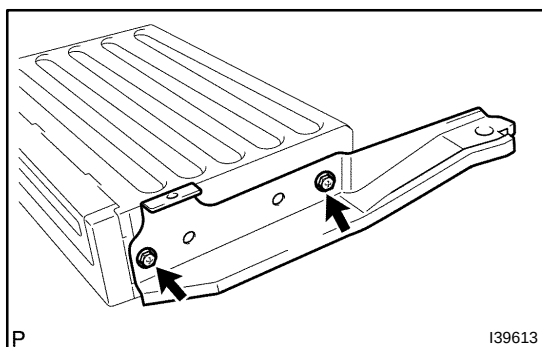
### 2. REMOVE NAVIGATION ECU COVER

- (a) Remove the 2 clips and navigation ECU cover.



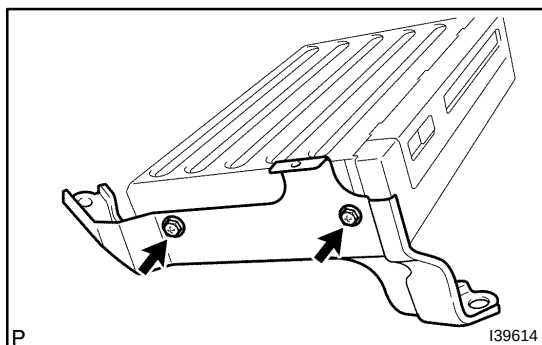
### 3. REMOVE NAVIGATION ECU W/BACKET

- (a) Disconnect each connector.  
(b) Remove the 3 bolts and navigation ECU w/ bracket.



### 4. REMOVE DISC PLAYER BRACKET

- (a) Remove the 2 bolts and disc player bracket.



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

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

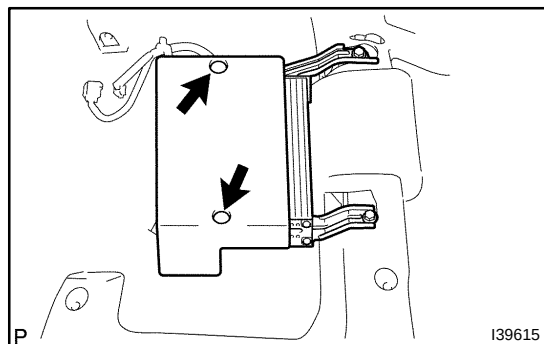
6. REMOVE NAVIGATION ECU
7. INSTALL FRONT SEAT ASSEMBLY LH (SEE PAGE [72-2](#))

# STEREO COMPONENT AMPLIFIER ASSY REPLACEMENT

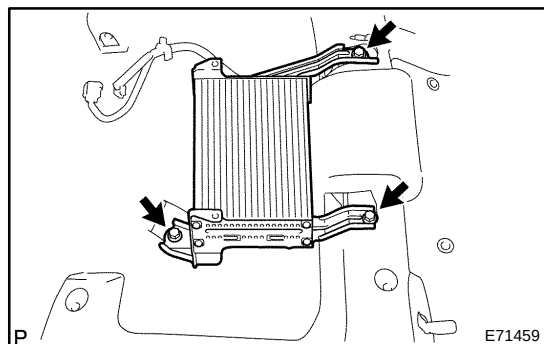
6716Y-01

## HINT:

- ◆ COMPONENTS: See page 67-2
  - ◆ Installation is in the reverse order of removal.
1. REMOVE FRONT SEAT ASSEMBLY RH (SEE PAGE 72-2)



2. REMOVE AUDIO AMPLIFIER COVER
  - (a) Remove the 2 clips and audio amplifier cover.



3. REMOVE STEREO COMPONENT AMPLIFIER ASSY
  - (a) Disconnect each connector.
  - (b) Remove the 3 bolts and stereo component amplifier assy.

4. INSTALL FRONT SEAT ASSEMBLY RH (SEE PAGE 72-2)

# NETWORK GATEWAY ECU REPLACEMENT

6716Z-01

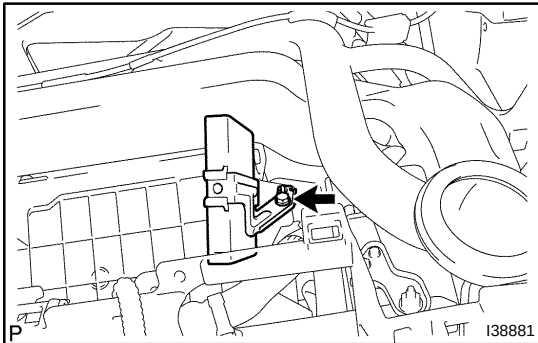
HINT:

- ◆ COMPONENTS: See page 67-2
- ◆ Installation is in the reverse order of removal.

## 1. REMOVE INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-7)

HINT:

Refer to the procedures up to "REMOVE INSTRUMENT PANEL SUB-ASSY W/ PASSENGER AIRBAG ASSY".



## 2. REMOVE NETWORK GATEWAY ECU

- (a) Disconnect the connector.
- (b) Remove the bolt and network gateway ECU.

## 3. INSTALL INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-7)

HINT:

Refer to the procedures from "INSTALL INSTRUMENT PANEL SUB-ASSY W/ PASSENGER AIRBAG ASSY".

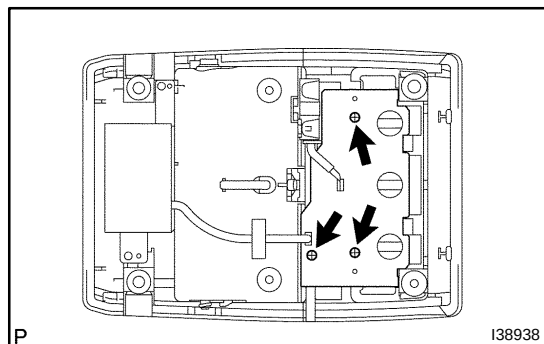
cardiagn.com

# AMPLIFIER MICROPHONE ASSY REPLACEMENT

6716T-01

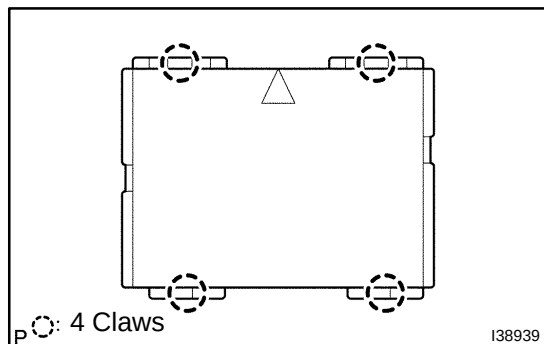
## HINT:

- ◆ COMPONENTS: See page 67-2
  - ◆ Installation is in the reverse order of removal.
1. REMOVE MAP LAMP ASSY (SEE PAGE 76-28)

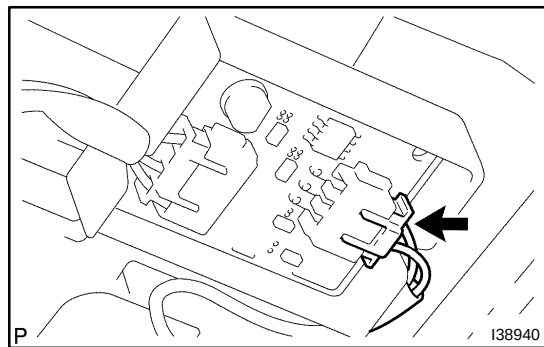


## 2. REMOVE AMPLIFIER MICROPHONE ASSY

- (a) Remove the 3 screws and print board.



- (b) Disengage the 4 claws and remove the microphone amplifier cover.



- (c) Disconnect the connector and remove the amplifier microphone.

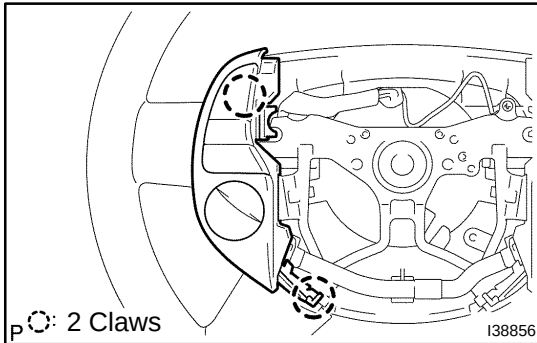
# STEERING PAD SWITCH LH

## REPLACEMENT

6716U-01

**HINT:**

- ◆ COMPONENTS: See page 67-2
  - ◆ Installation is in the reverse order of removal.
1. **PRECAUTION (SEE PAGE 60-1)**
  2. **DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)**
  3. **REMOVE STEERING WHEEL COVER LOWER NO.2 (SEE PAGE 50-8)**
  4. **REMOVE STEERING WHEEL COVER LOWER NO.3 (SEE PAGE 50-8)**
  5. **REMOVE HORN BUTTON ASSY (SEE PAGE 60-20)**



6. **REMOVE STEERING PAD SWITCH LH**
  - (a) Disengage the 2 claws and pull out the steering pad switch LH.
  - (b) Disconnect each connector and remove the steering pad switch LH.

7. **INSTALL HORN BUTTON ASSY (SEE PAGE 60-20)**
8. **CONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 19-2)**
9. **PERFORM INITIALIZATION (SEE PAGE 01-28)**
10. **INSPECT HORN BUTTON ASSY (SEE PAGE 60-14)**
11. **INSPECT SRS WARNING LIGHT (SEE PAGE 05-1384)**

cardiagn.com

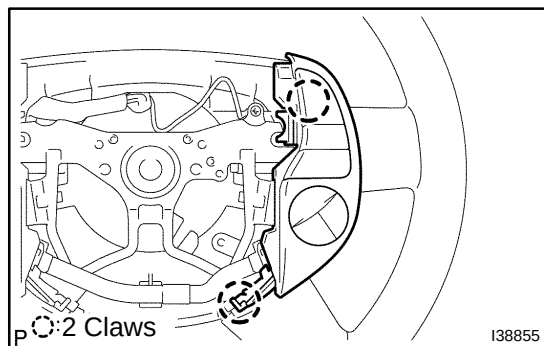
# STEERING PAD SWITCH RH

## REPLACEMENT

6716V-01

**HINT:**

- ◆ COMPONENTS: See page 67-2
  - ◆ Installation is in the reverse order of removal.
1. **PRECAUTION (SEE PAGE 60-1)**
  2. **DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)**
  3. **REMOVE STEERING WHEEL COVER LOWER NO.2 (SEE PAGE 50-8)**
  4. **REMOVE STEERING WHEEL COVER LOWER NO.3 (SEE PAGE 50-8)**
  5. **REMOVE HORN BUTTON ASSY (SEE PAGE 60-20)**



6. **REMOVE STEERING PAD SWITCH RH**
  - (a) Disengage the 2 claws and pull out the steering pad switch RH.
  - (b) Disconnect each connector and remove the steering pad switch RH.

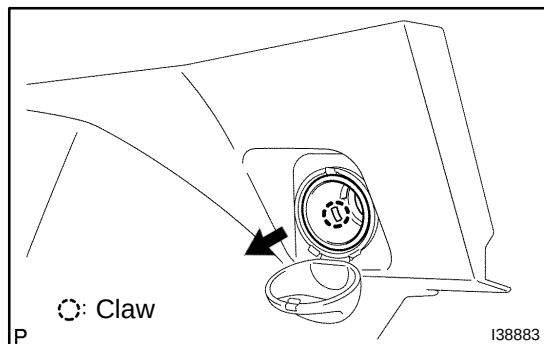
7. **INSTALL HORN BUTTON ASSY (SEE PAGE 60-20)**
8. **CONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 19-2)**
9. **PERFORM INITIALIZATION (SEE PAGE 01-28)**
10. **INSPECT HORN BUTTON ASSY (SEE PAGE 60-14)**
11. **INSPECT SRS WARNING LIGHT (SEE PAGE 05-1384)**

## POWER POINT SOCKET ASSY REPLACEMENT

6716W-01

HINT:

COMPONENTS: See page 67-2



### 1. REMOVE POWER POINT SOCKET ASSY

- (a) Disengage the claw to remove the power point socket assy.

### 2. INSTALL POWER POINT SOCKET ASSY

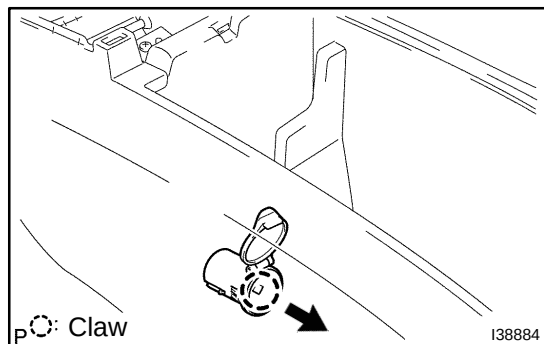
- (a) Align the power point socket assy and power point socket cover.
- (b) Insert them from the front side and install the power point socket assy.

# POWER POINT SOCKET ASSY RR REPLACEMENT

6716X-01

HINT:

COMPONENTS: See page 67-2



## 1. REMOVE POWER POINT SOCKET ASSY RR

- (a) Disengage the claw to remove the power point socket assy RR.

## 2. INSTALL POWER POINT SOCKET ASSY RR

- (a) Align the power point socket assy RR and power point socket cover.
- (b) Insert them from the front side and install the power point socket assy RR.