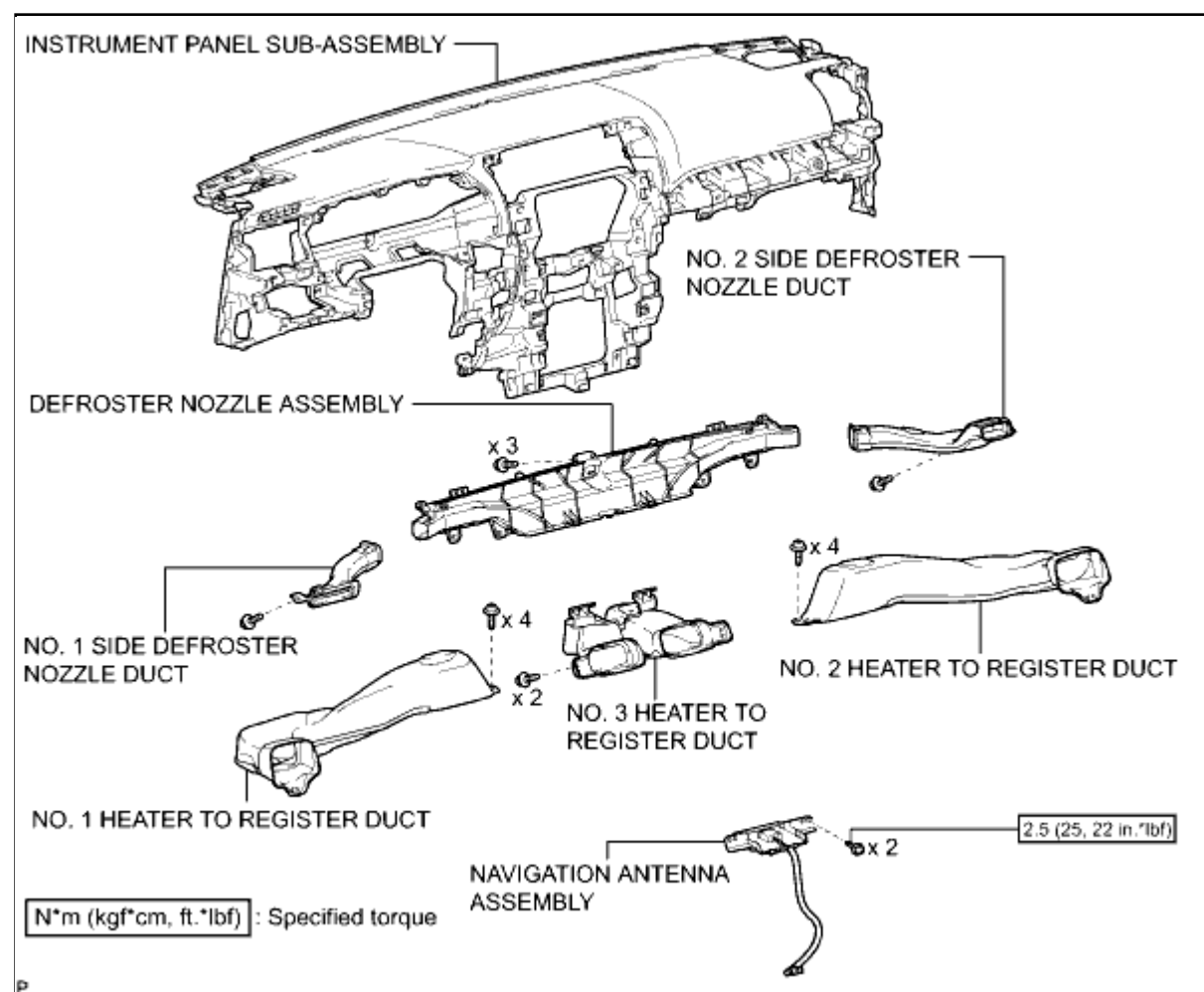


<b>Last Modified:</b> 5-10-2010	6.4 K	<b>From:</b> 200908
<b>Model Year:</b> 2010	<b>Model:</b> 4Runner	<b>Doc ID:</b> RM000002ZVD008X
<b>Title:</b> NAVIGATION / MULTI INFO DISPLAY: NAVIGATION ANTENNA: COMPONENTS (2010 4Runner)		

## COMPONENTS

## ILLUSTRATION



<b>Last Modified:</b> 5-10-2010	6.4 A	<b>From:</b> 200908
<b>Model Year:</b> 2010	<b>Model:</b> 4Runner	<b>Doc ID:</b> RM000002ZVE008X
<b>Title:</b> NAVIGATION / MULTI INFO DISPLAY: NAVIGATION ANTENNA: REMOVAL (2010 4Runner)		

## REMOVAL

### 1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL


#### CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to disable the SRS system.

#### NOTICE:

When disconnecting the cable, some systems need to be initialized after the cable is reconnected .

### 2. REMOVE INSTRUMENT PANEL SUB-ASSEMBLY

(a) Remove the instrument panel sub-assembly .

### 3. REMOVE NO. 1 HEATER TO REGISTER DUCT

### 4. REMOVE NO. 2 HEATER TO REGISTER DUCT

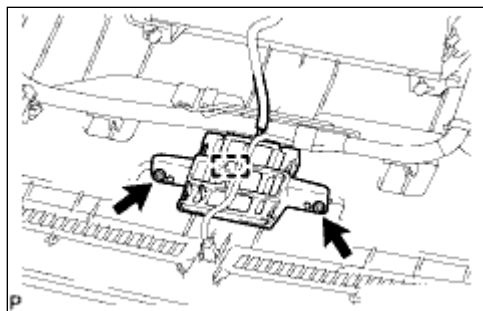
### 5. REMOVE NO. 1 SIDE DEFROSTER NOZZLE DUCT

### 6. REMOVE NO. 2 SIDE DEFROSTER NOZZLE DUCT

### 7. REMOVE NO. 3 HEATER TO REGISTER DUCT

### 8. REMOVE DEFROSTER NOZZLE ASSEMBLY

### 9. REMOVE NAVIGATION ANTENNA ASSEMBLY



(a) Detach the clamp.

(b) Remove the 2 screws and antenna.

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<b>Model Year:</b> 2010	<b>Model:</b> 4Runner	<b>Doc ID:</b> RM000003EZZ00DX
<b>Title:</b> NAVIGATION / MULTI INFO DISPLAY: NAVIGATION ANTENNA: INSPECTION (2010 4Runner)		

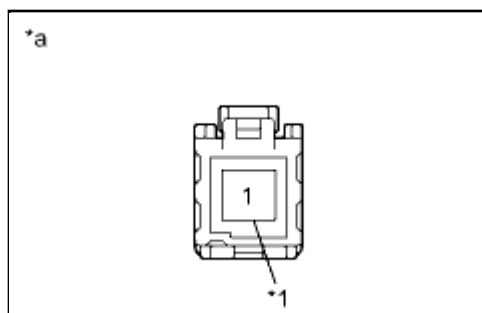
## **INSPECTION**

### **1. INSPECT NAVIGATION ANTENNA ASSEMBLY**

(a) Measure the resistance according to the value(s) in the table below.

Standard Resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
1 - Shield	Always	50 to 500 $\Omega$



If the result is not as specified, replace the navigation antenna assembly.

### **Text in Illustration**

*1	Shield
*a	Component without harness connected (Navigation Antenna Assembly)

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<b>Title:</b> NAVIGATION / MULTI INFO DISPLAY: NAVIGATION ANTENNA: INSTALLATION (2010 4Runner)		

# INSTALLATION

## 1. INSTALL NAVIGATION ANTENNA ASSEMBLY

(a) Install the antenna with the 2 screws.

**Torque: 2.5 N·m (25 kgf·cm, 22in·lbf)**

(b) Attach the clamp.

## 2. INSTALL DEFROSTER NOZZLE ASSEMBLY

## 3. INSTALL NO. 3 HEATER TO REGISTER DUCT


## 4. INSTALL NO. 2 SIDE DEFROSTER NOZZLE DUCT

## 5. INSTALL NO. 1 SIDE DEFROSTER NOZZLE DUCT

## 6. INSTALL NO. 2 HEATER TO REGISTER DUCT

## 7. INSTALL NO. 1 HEATER TO REGISTER DUCT

## 8. INSTALL INSTRUMENT PANEL SUB-ASSEMBLY

(a) Install the instrument panel sub-assembly .

## 9. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

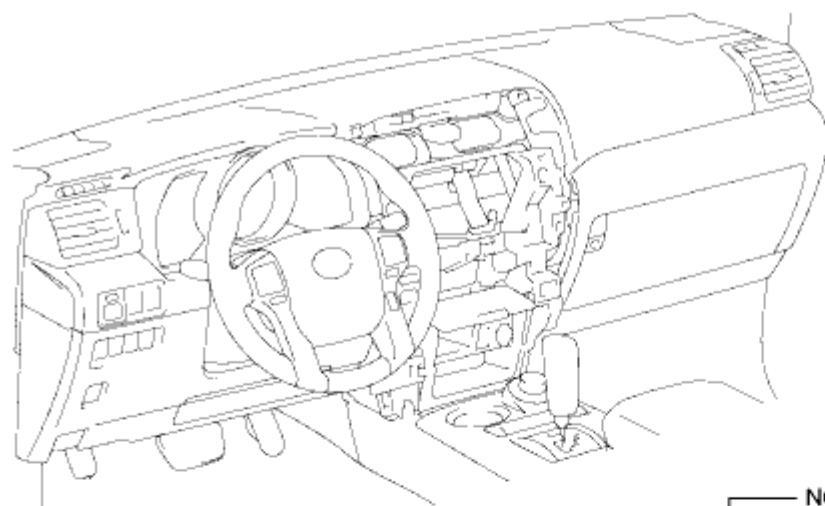
### NOTICE:

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

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<b>Model Year:</b> 2010	<b>Model:</b> 4Runner	<b>Doc ID:</b> RM00000300S008X
<b>Title:</b> NAVIGATION / MULTI INFO DISPLAY: NAVIGATION RECEIVER: COMPONENTS (2010 4Runner)		

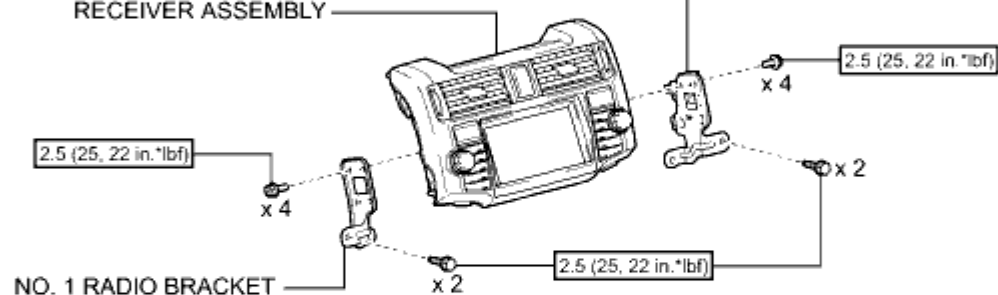
## [COMPONENTS](#)

## [ILLUSTRATION](#)

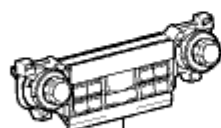


NAVIGATION  
RECEIVER ASSEMBLY

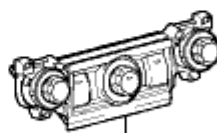
NO. 2 RADIO BRACKET



HEATER CONTROL ASSEMBLY  
(for Auto Air Conditioning System)



HEATER CONTROL ASSEMBLY  
(for Manual Air Conditioning System)



NO. 1 INSTRUMENT CLUSTER  
FINISH PANEL GARNISH



NO. 2 INSTRUMENT CLUSTER  
FINISH PANEL GARNISH



N\*m (kgf\*cm, ft.\*lbf) : Specified torque

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<b>Title:</b> NAVIGATION / MULTI INFO DISPLAY: NAVIGATION RECEIVER: REMOVAL (2010 4Runner)		

## **REMOVAL**

**1. REMOVE NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH**



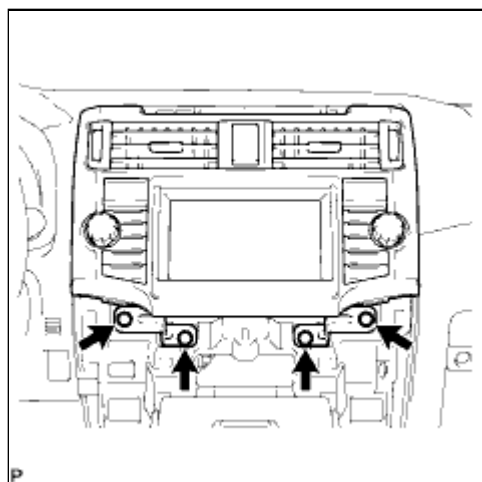
**2. REMOVE NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH**



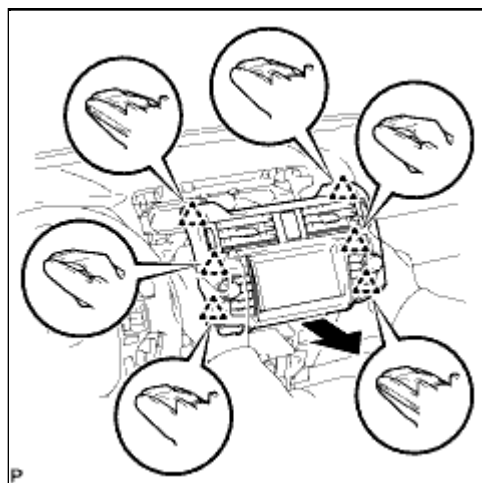
**3. REMOVE HEATER CONTROL ASSEMBLY**



**4. REMOVE NAVIGATION RECEIVER ASSEMBLY WITH BRACKET**

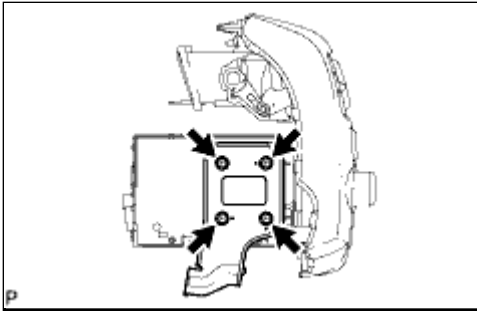


(a) Remove the 4 bolts.



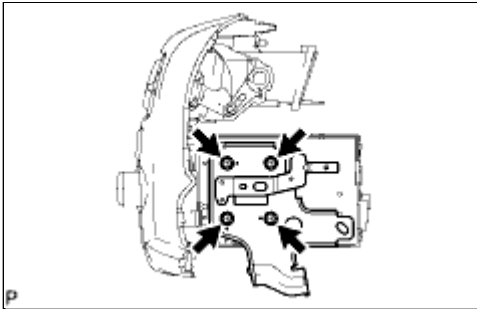
(b) Pull the navigation receiver as shown in the illustration to detach the 6 clips on the backside of the navigation receiver.

(c) Disconnect the connectors and remove the navigation receiver.



#### **5. REMOVE NO. 1 RADIO BRACKET**

(a) Remove the 4 screws and bracket.



#### **6. REMOVE NO. 2 RADIO BRACKET**

(a) Remove the 4 screws and bracket.





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<b>Title:</b> NAVIGATION / MULTI INFO DISPLAY: NAVIGATION RECEIVER: INSTALLATION (2010 4Runner)		

## INSTALLATION

### 1. INSTALL NO. 2 RADIO BRACKET

(a) Install the bracket with the 4 screws.

**Torque: 2.5 N·m (25 kgf·cm, 22in·lbf)**

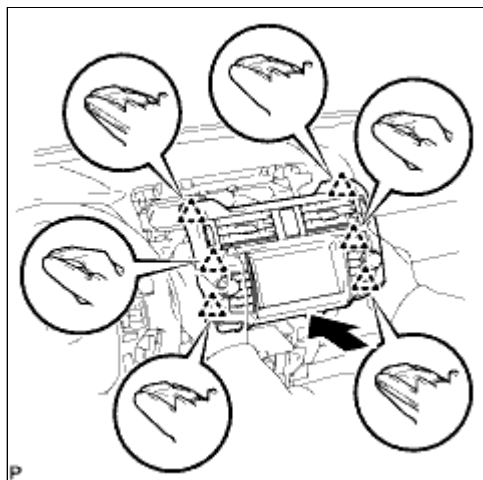
### 2. INSTALL NO. 1 RADIO BRACKET

(a) Install the bracket with the 4 screws.

**Torque: 2.5 N·m (25 kgf·cm, 22in·lbf)**

### 3. INSTALL NAVIGATION RECEIVER ASSEMBLY WITH BRACKET

(a) Connect the connectors.



(b) Insert the navigation receiver as shown in the illustration to attach the 6 clips on its backside.

#### **NOTICE:**

**When inserting the navigation receiver, do not press the knobs on it.**

(c) Install the navigation receiver with the 4 bolts.

**Torque: 2.5 N·m (25 kgf·cm, 22in·lbf)**

### 4. INSTALL HEATER CONTROL ASSEMBLY



### 5. INSTALL NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH



### 6. INSTALL NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH

