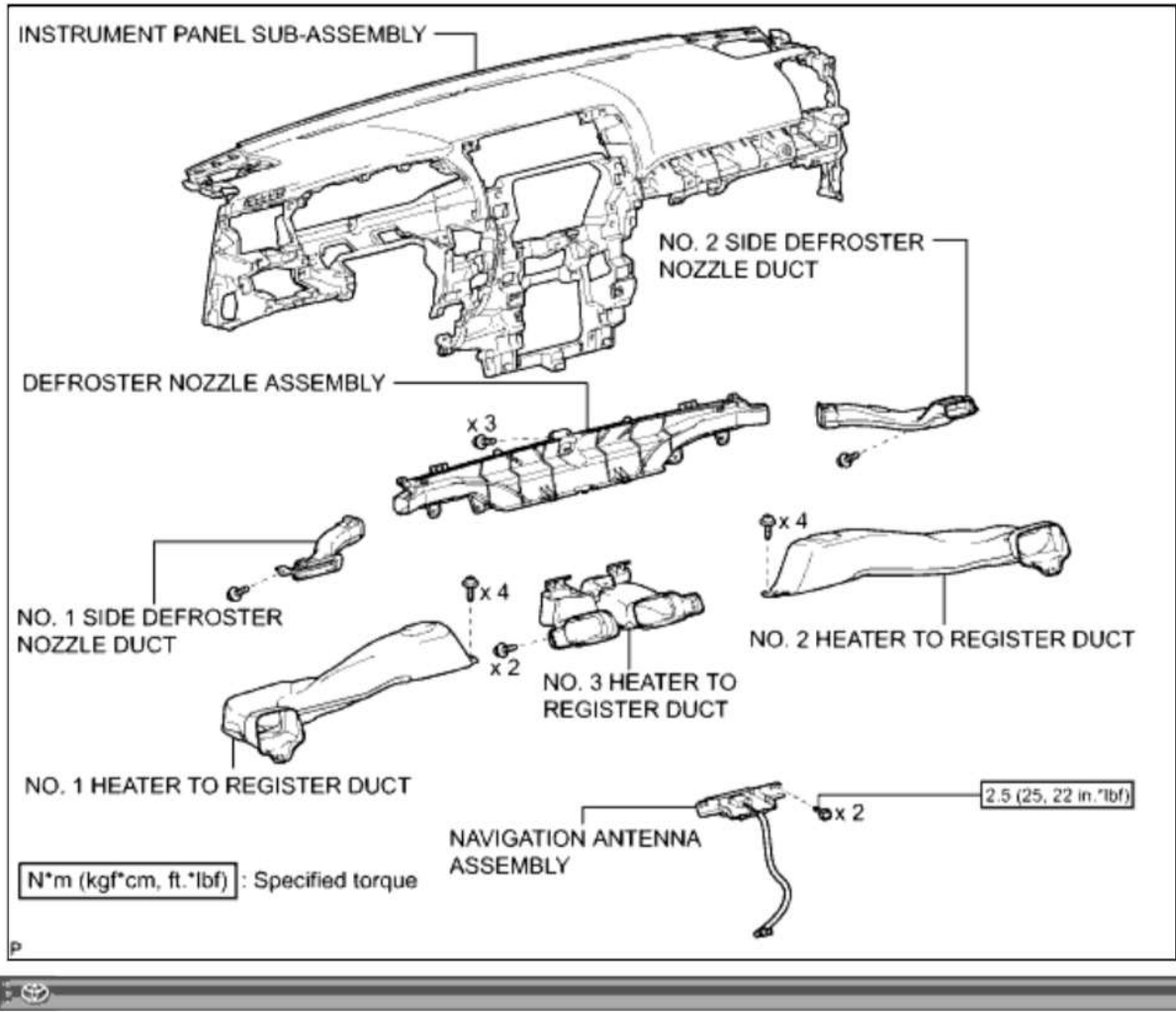


Last Modified: 5-10-2010	6.4 K	From: 200908
Model Year: 2010	Model: 4Runner	Doc ID: RM000002ZVD008X
Title: NAVIGATION / MULTI INFO DISPLAY: NAVIGATION ANTENNA: COMPONENTS (2010 4Runner)		

COMPONENTS

ILLUSTRATION



Last Modified: 5-10-2010	6.4 A	From: 200908
Model Year: 2010	Model: 4Runner	Doc ID: RM000002ZVE008X
Title: 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

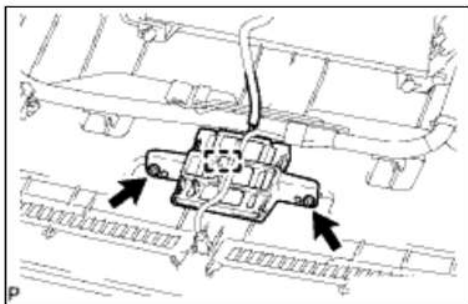
5. REMOVE NO. 1 SIDE DEFROSTER NOZZLE DUCT

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.

Last Modified: 5-10-2010	6.4 G	From: 200908
Model Year: 2010	Model: 4Runner	Doc ID: RM000003EZZ00DX
Title: NAVIGATION / MULTI INFO DISPLAY: NAVIGATION ANTENNA: INSPECTION (2010 4Runner)		

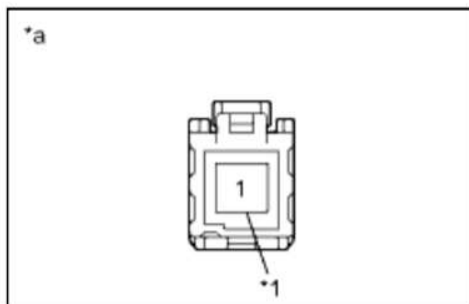
INSPECTION

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 Ω



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)

Last Modified: 5-10-2010	6.4 A	From: 200908
Model Year: 2010	Model: 4Runner	Doc ID: RM000002ZVC008X
Title: 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:

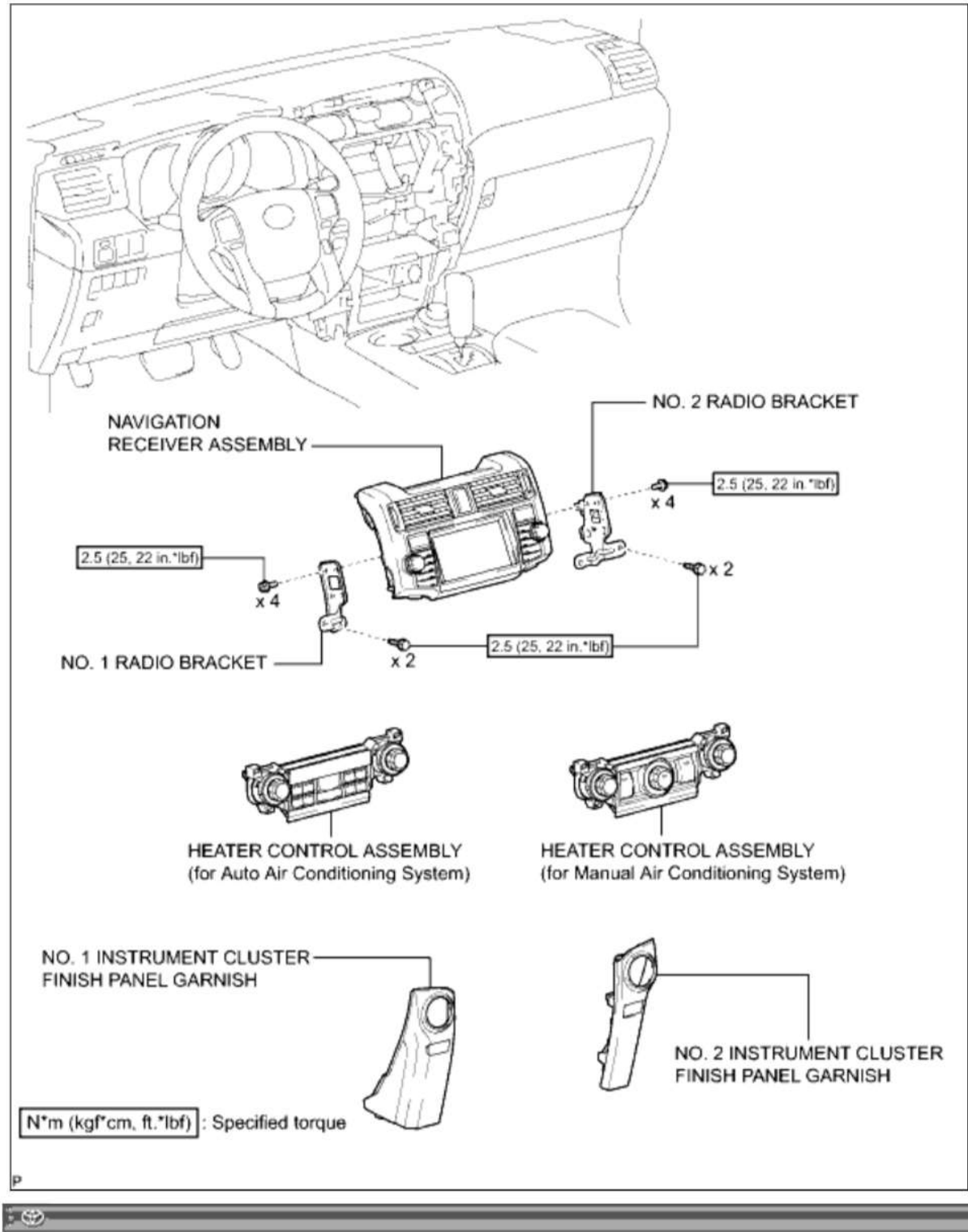
When disconnecting the cable, some systems need to be initialized after the cable is reconnected.



Last Modified: 5-10-2010	6.4 K	From: 200908
Model Year: 2010	Model: 4Runner	Doc ID: RM00000300S008X
Title: NAVIGATION / MULTI INFO DISPLAY: NAVIGATION RECEIVER: COMPONENTS (2010 4Runner)		

COMPONENTS

ILLUSTRATION



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Last Modified: 5-10-2010	6.4 A	From: 200908
Model Year: 2010	Model: 4Runner	Doc ID: RM000002ZUK00IX
Title: NAVIGATION / MULTI INFO DISPLAY: NAVIGATION RECEIVER: REMOVAL (2010 4Runner)		

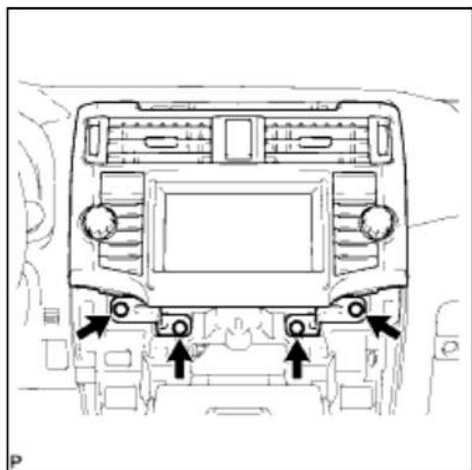
REMOVAL

1. REMOVE NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH [INFO](#)

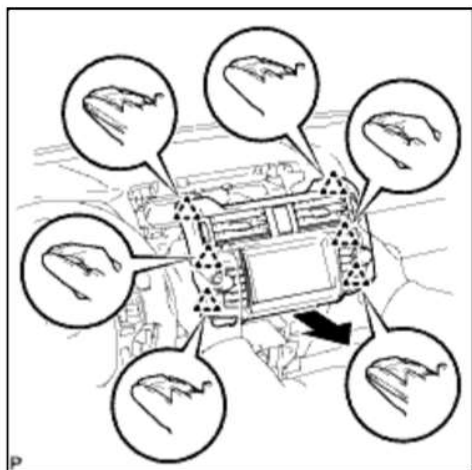
2. REMOVE NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH [INFO](#)

3. REMOVE HEATER CONTROL ASSEMBLY [INFO](#)

4. REMOVE NAVIGATION RECEIVER ASSEMBLY WITH BRACKET

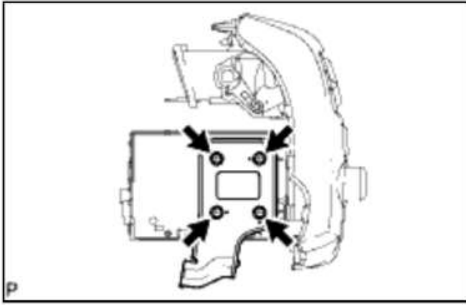


(a) Remove the 4 bolts.

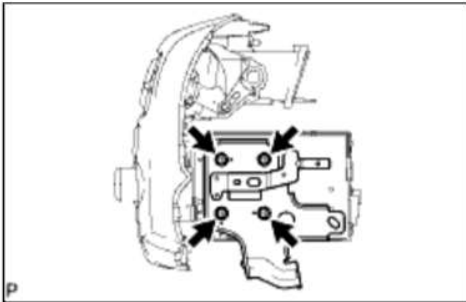


(b) Pull the navigation receiver as shown in the illustration to detach the 6 clips on the backside of the navigation receiver.

(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.



Last Modified: 5-10-2010	6.4 A	From: 200908
Model Year: 2010	Model: 4Runner	Doc ID: RM000002ZUI00IX
Title: 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)

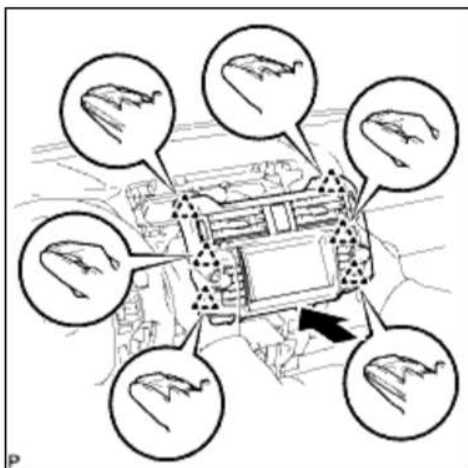
2. INSTALL NO. 1 RADIO BRACKET

- (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

INFO

5. INSTALL NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH

INFO

6. INSTALL NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH

INFO

