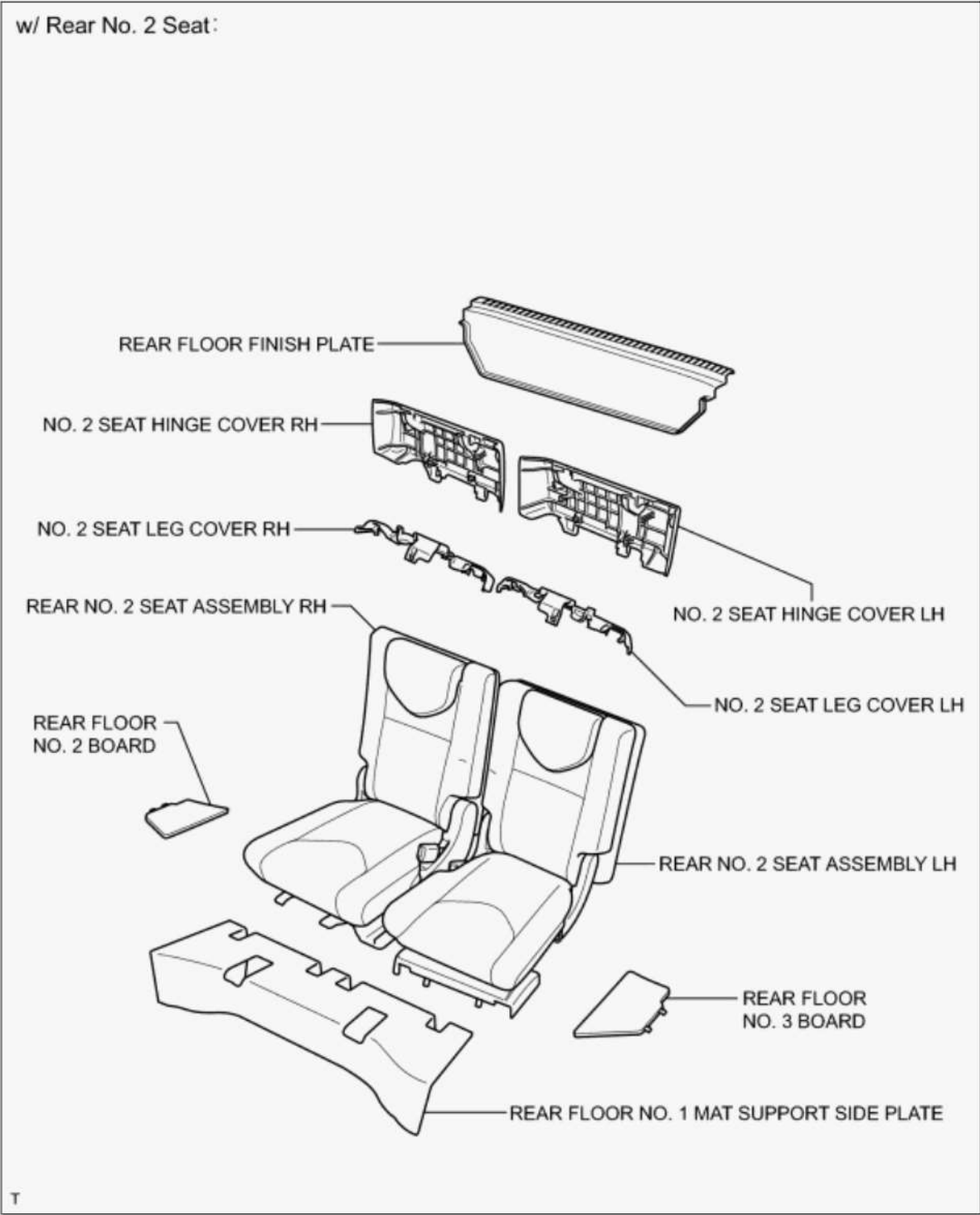


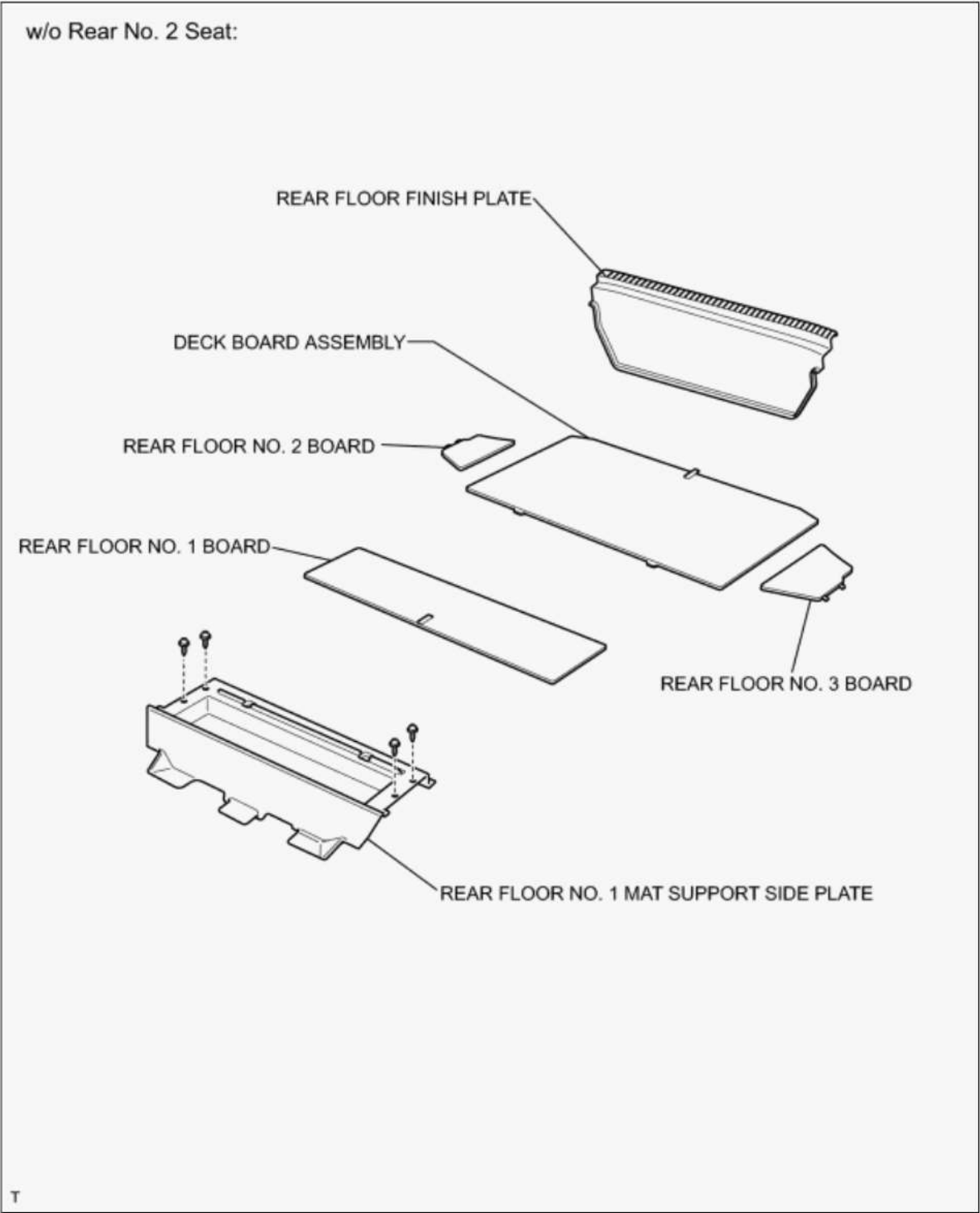
Last Modified: 9-7-2011	6.4 K	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM0000020MF00FX
Title: OTHER SYSTEM: VOLTAGE INVERTER: COMPONENTS (2011 RAV4)		

COMPONENTS

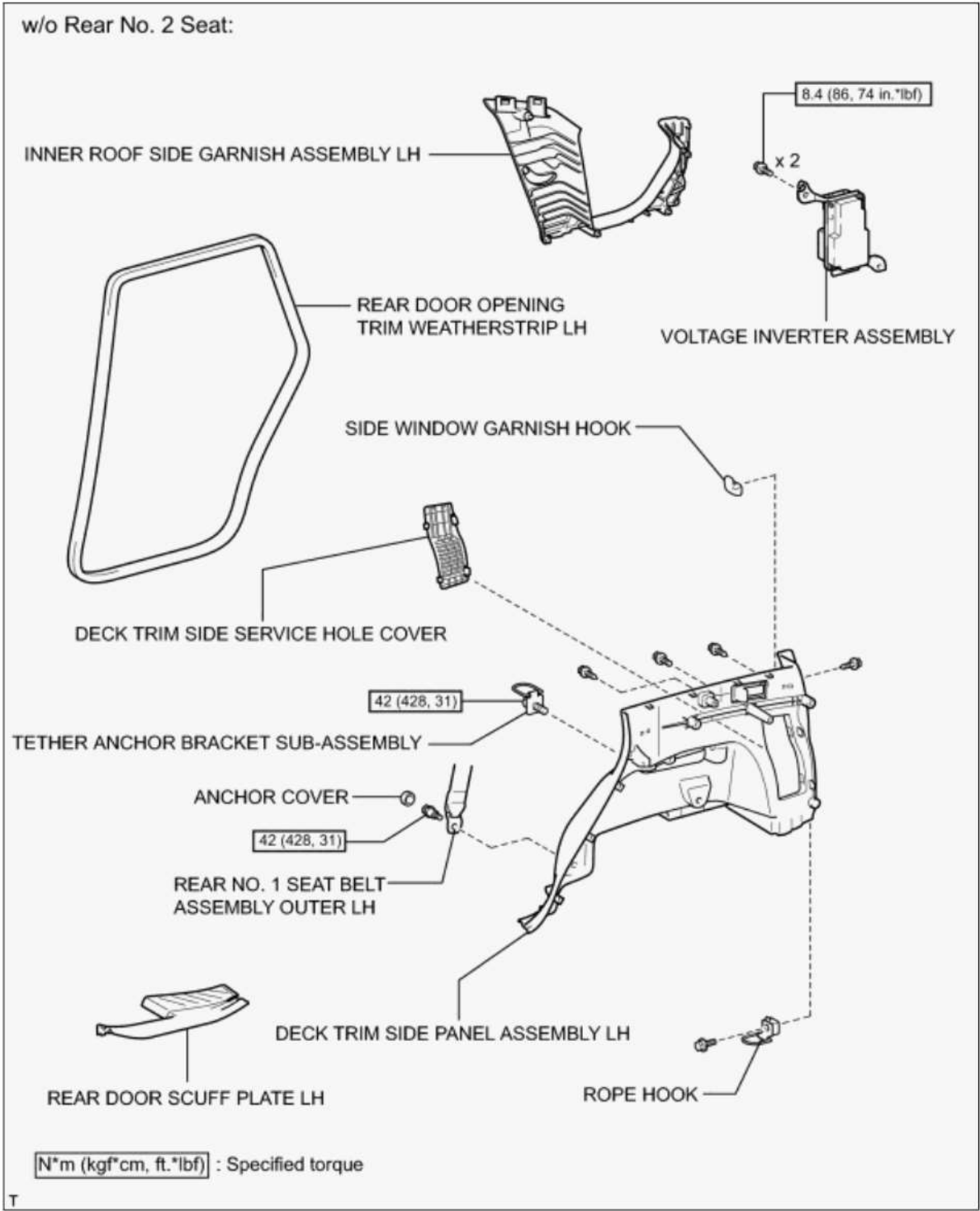
ILLUSTRATION



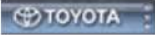
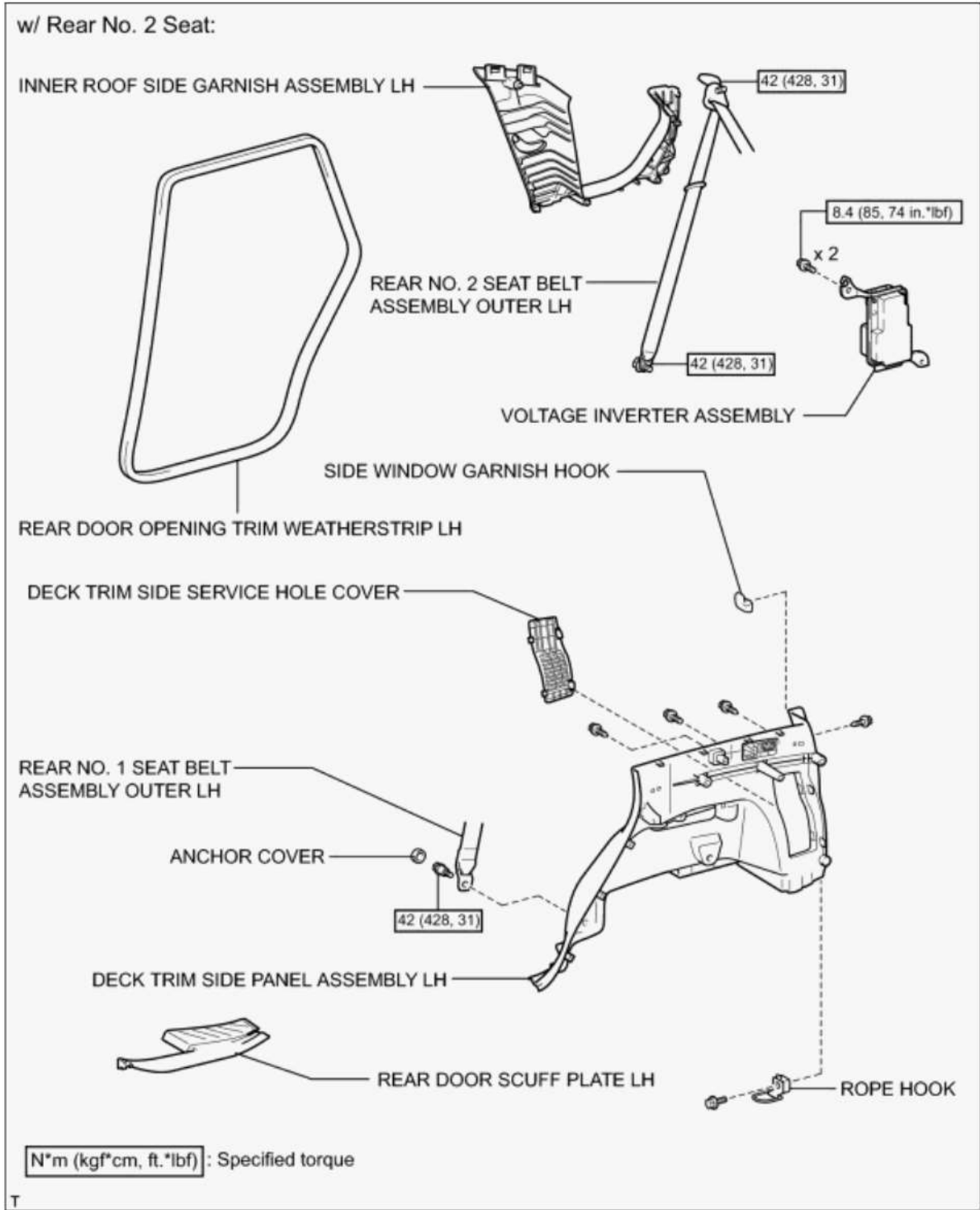
ILLUSTRATION



ILLUSTRATION



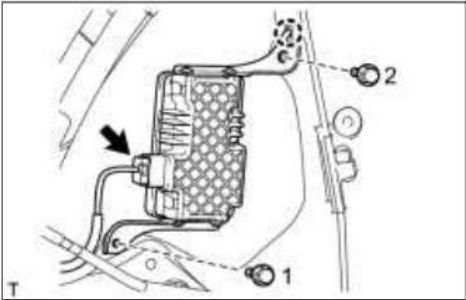
ILLUSTRATION



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM0000020ME00HX
Title: OTHER SYSTEM: VOLTAGE INVERTER: INSTALLATION (2011 RAV4)		

INSTALLATION

1. INSTALL VOLTAGE INVERTER ASSEMBLY



(a) Attach the claw to install the voltage inverter assembly.

(b) Temporarily install the 2 bolts, and then tighten them in the order shown in the illustration.

Torque: 8.4 N·m (85 kgf·cm, 74in·lbf)

(c) Connect the connector.

2. INSTALL INNER ROOF SIDE GARNISH ASSEMBLY LH (w/o Rear No. 2 Seat) INFO
3. INSTALL INNER ROOF SIDE GARNISH ASSEMBLY LH (w/ Rear No. 2 Seat) INFO
4. INSTALL DECK TRIM SIDE PANEL ASSEMBLY LH (w/o Rear No. Seat) INFO
5. INSTALL DECK TRIM SIDE PANEL ASSEMBLY LH (w/ Rear No. 2 Seat) INFO
6. INSTALL TETHER ANCHOR BRACKET SUB-ASSEMBLY (w/o Rear No. 2 Seat) INFO
7. INSTALL REAR FLOOR FINISH PLATE INFO
8. INSTALL REAR FLOOR NO. 1 MAT SUPPORT SIDE PLATE INFO
9. INSTALL REAR FLOOR NO. 3 BOARD
10. INSTALL REAR FLOOR NO. 2 BOARD
11. INSTALL REAR NO. 2 SEAT ASSEMBLY LH (w/ Rear No. 2 Seat) INFO
12. INSTALL REAR NO. 2 SEAT ASSEMBLY RH (w/ Rear No. 2 Seat)

HINT:

Use the same procedures described for the LH side.

13. INSTALL NO. 2 SEAT LEG COVER LH (w/ Rear No. 2 Seat) INFO
14. INSTALL NO. 2 SEAT LEG COVER RH (w/ Rear No. 2 Seat)

HINT:

Use the same procedures described for the LH side.

15. INSTALL NO. 2 SEAT HINGE COVER LH (w/ Rear No. 2 Seat) 

16. INSTALL NO. 2 SEAT HINGE COVER RH (w/ Rear No. 2 Seat)

HINT:

Use the same procedures described for the LH side.

17. INSTALL DECK BOARD ASSEMBLY (w/o Rear No. 2 Seat)

18. INSTALL REAR FLOOR NO. 1 BOARD (w/o Rear No. 2 Seat)

19. INSTALL REAR DOOR OPENING TRIM WEATHERSTRIP LH

20. INSTALL REAR DOOR SCUFF PLATE LH 



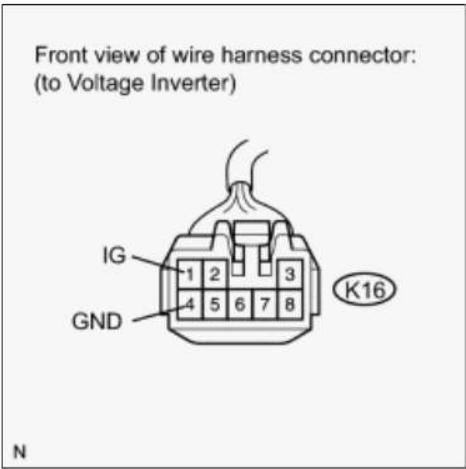
Last Modified: 9-7-2011	6.4 G	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM0000019QY012X
Title: OTHER SYSTEM: VOLTAGE INVERTER: ON-VEHICLE INSPECTION (2011 RAV4)		

ON-VEHICLE INSPECTION

1. INSPECT VOLTAGE INVERTER ASSEMBLY

HINT:

Remove interior parts so that the voltage inverter can be seen.



(a) Disconnect the voltage inverter connector.

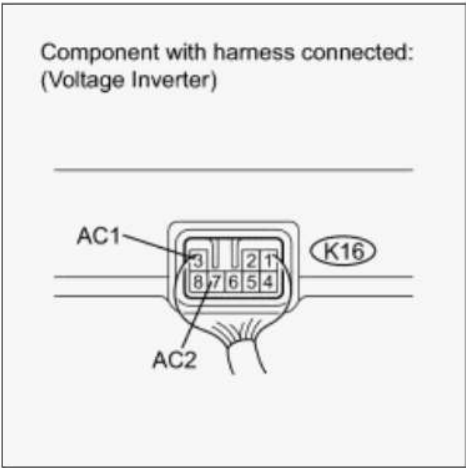
(b) Measure the voltage according to the value(s) in the table below.

Standard Voltage:

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
K16-1 (IG) - K16-4 (GND)	Ignition switch ON	11 to 14 V
K16-4 (GND) - Body ground	Always	Below 1 V

If the result is not as specified, repair or replace the harness or connector.

(c) Reconnect the voltage inverter connector.

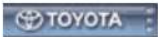


(d) Measure the voltage according to the value(s) in the table below.

Standard Voltage:

TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
K16-3 (AC1) - K16-7 (AC2)	Ignition switch ON Main switch on	AC 120V

If the result is not as specified, replace the voltage inverter.



Last Modified: 9-7-2011	6.4 A	From: 201008
Model Year: 2011	Model: RAV4	Doc ID: RM0000020MG00GX
Title: OTHER SYSTEM: VOLTAGE INVERTER: REMOVAL (2011 RAV4)		

REMOVAL

1. REMOVE REAR DOOR SCUFF PLATE LH
2. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP LH
3. REMOVE REAR FLOOR NO. 1 BOARD (w/o Rear No. 2 Seat)
4. REMOVE DECK BOARD ASSEMBLY (w/o Rear No. 2 Seat)
5. REMOVE NO. 2 SEAT HINGE COVER LH (w/ Rear No. 2 Seat)
6. REMOVE NO. 2 SEAT HINGE COVER RH (w/ Rear No. 2 Seat)

HINT:

Use the same procedures described for the LH side.

7. REMOVE NO. 2 SEAT LEG COVER LH (w/ Rear No. 2 Seat)
8. REMOVE NO. 2 SEAT LEG COVER RH (w/ Rear No. 2 Seat)

HINT:

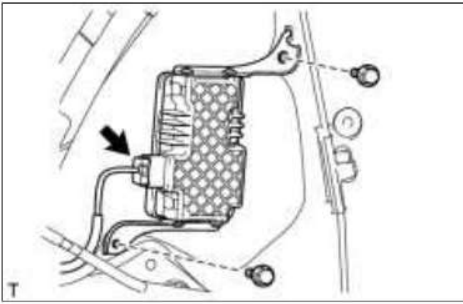
Use the same procedures described for the LH side.

9. REMOVE REAR NO. 2 SEAT ASSEMBLY LH (w/ Rear No. 2 Seat)
10. REMOVE REAR NO. 2 SEAT ASSEMBLY RH (w/ Rear No. 2 Seat)

HINT:

Use the same procedures described for the LH side.

11. REMOVE REAR FLOOR NO. 3 BOARD
12. REMOVE REAR FLOOR NO. 2 BOARD
13. REMOVE REAR FLOOR NO. 1 MAT SUPPORT SIDE PLATE
14. REMOVE REAR FLOOR FINISH PLATE
15. REMOVE TETHER ANCHOR BRACKET SUB-ASSEMBLY (w/o Rear No. 2 Seat)
16. REMOVE DECK TRIM SIDE PANEL ASSEMBLY LH (w/o Rear No. 2 Seat)
17. REMOVE DECK TRIM SIDE PANEL ASSEMBLY LH (w/ Rear No. 2 Seat)
18. REMOVE INNER ROOF SIDE GARNISH ASSEMBLY LH (w/o Rear No. 2 Seat)
19. REMOVE INNER ROOF SIDE GARNISH ASSEMBLY LH (w/ Rear No. 2 Seat)
20. REMOVE VOLTAGE INVERTER ASSEMBLY



(a) Disconnect the connector.

(b) Remove the 2 bolts and voltage inverter assembly.

