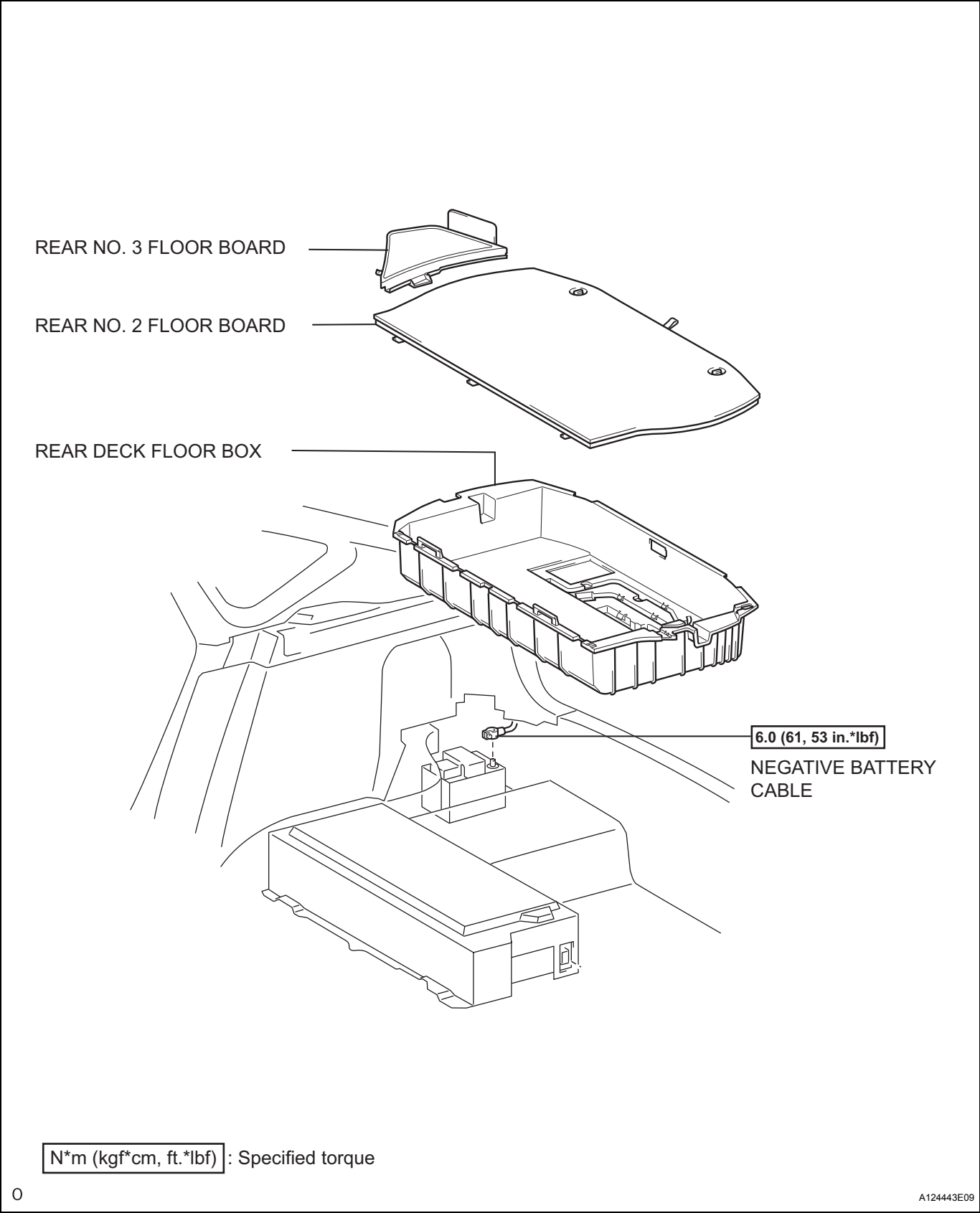
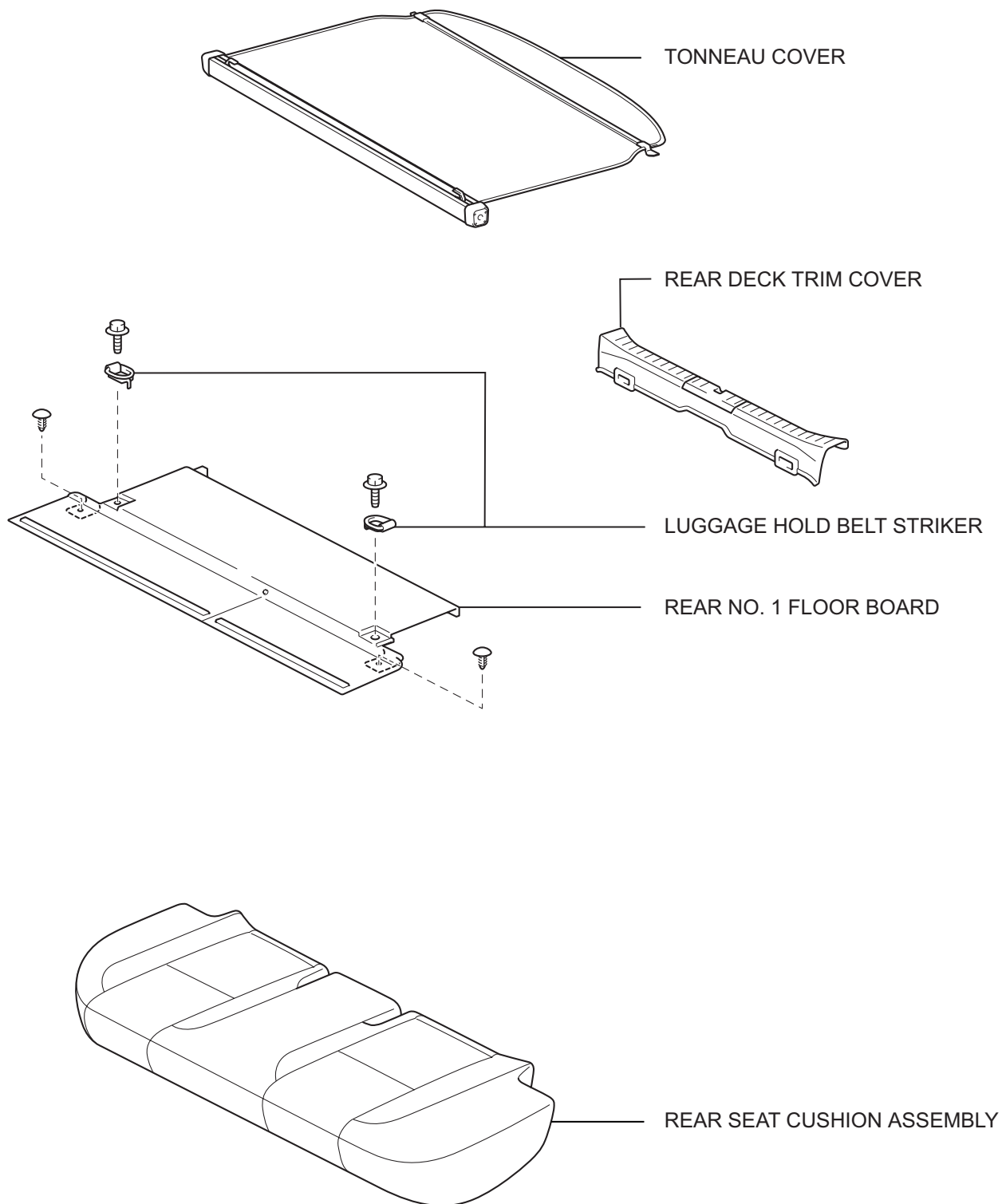


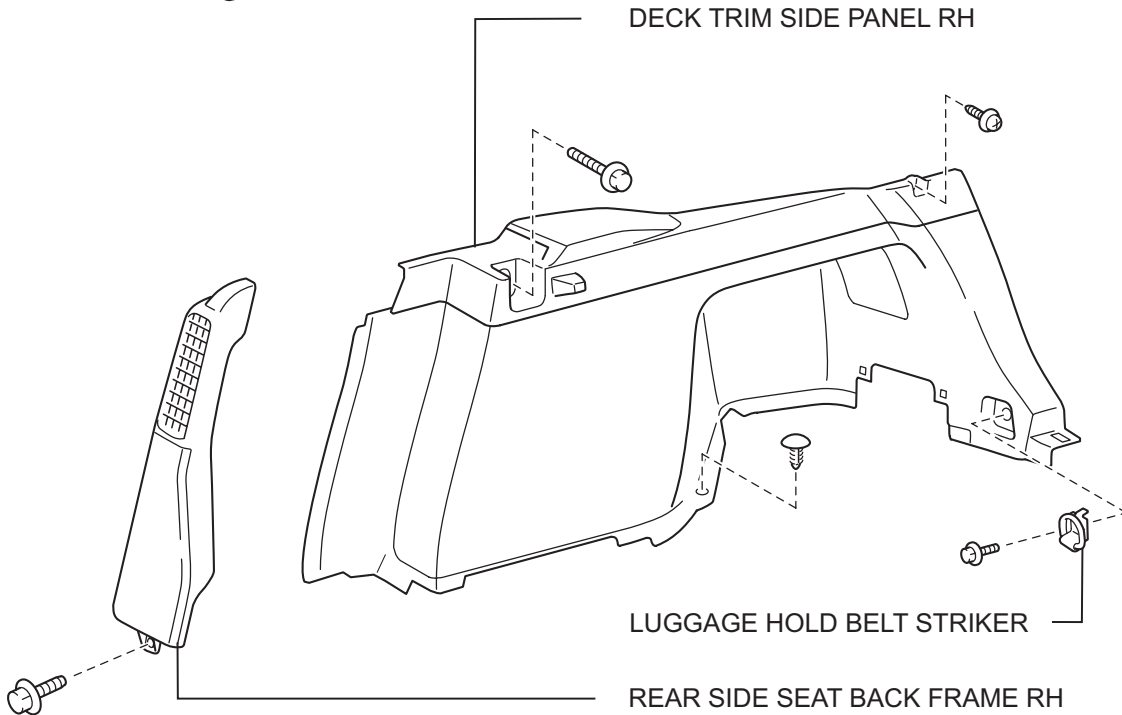
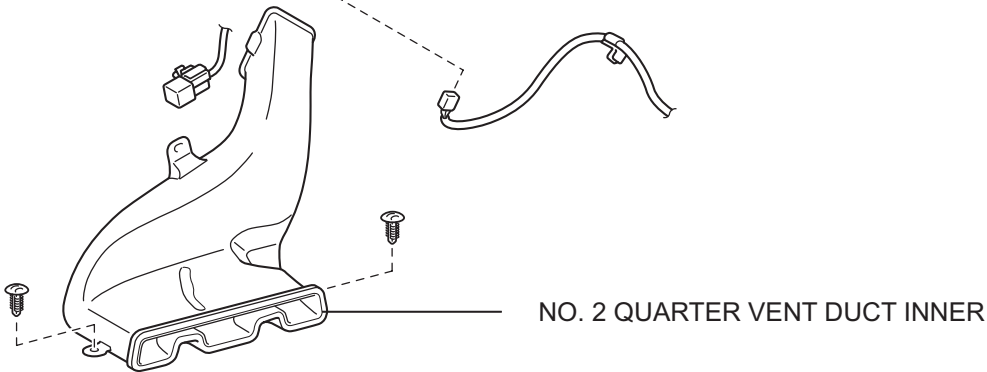
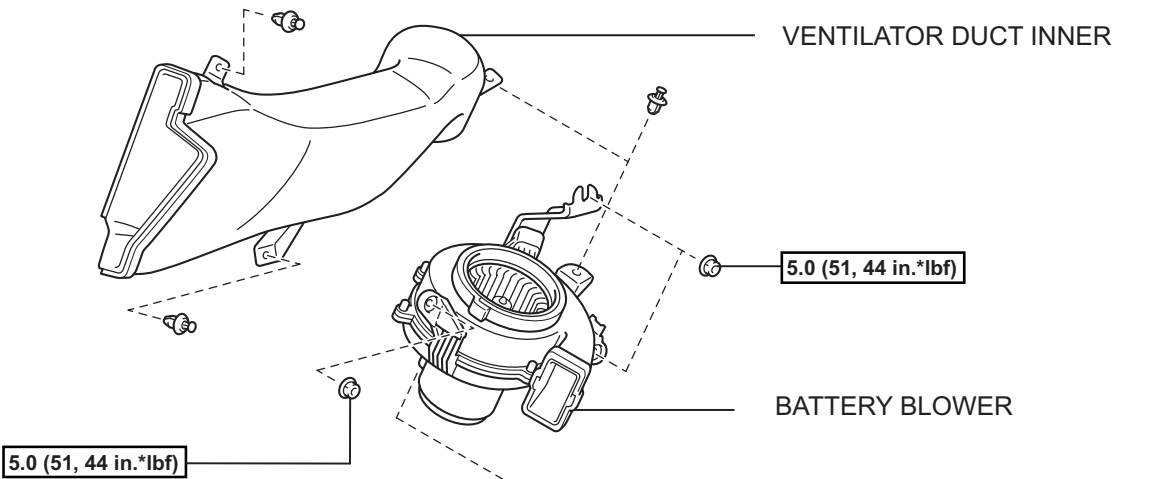
BATTERY BLOWER

COMPONENTS

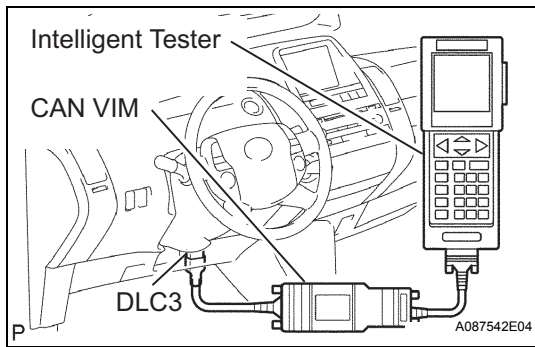




HB



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



ON-VEHICLE INSPECTION

1. INSPECT BATTERY BLOWER

(a) Check the operation.

- (1) Connect the intelligent tester to the DLC3.
- (2) Turn the power switch ON (IG).
- (3) Select the item:
DIAGNOSIS / OBD/MOBD / HV BATTERY /
ACTIVE TEST / COOLING FAN SPD / 1 to 6.

NOTICE:

If the check results are normal, do not perform the following check.

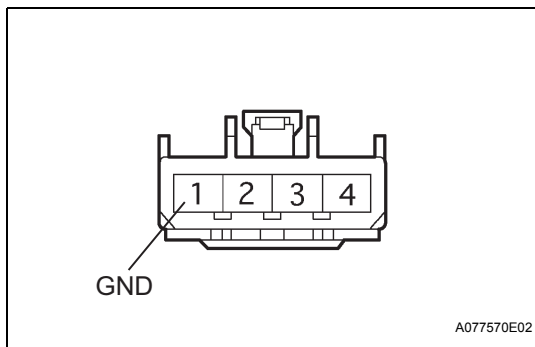
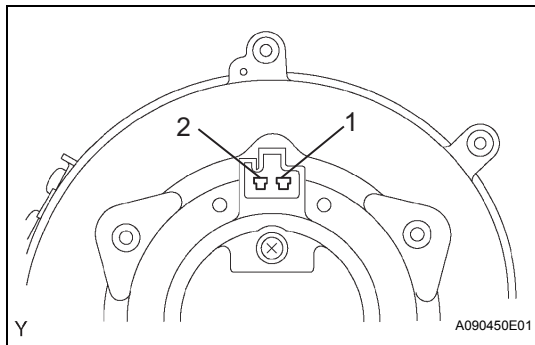
(b) Inspect the resistance.

- (1) Remove the service plug grip (see page [HB-153](#)).
- (2) Disconnect the connector of the battery blower motor.
- (3) Measure the resistance between terminals 1 and 2 of the connector.

Standard resistance:

9 Ω or less

If the result is not as specified, replace the battery blower assembly.



(c) Inspect the voltage.

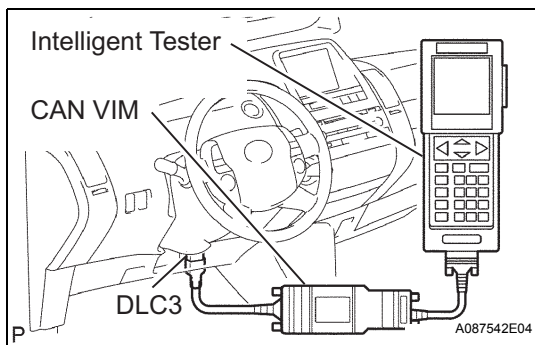
- (1) Connect the connector of the blower motor.
- (2) Measure the resistance between terminal 1 (GND) of the blower motor control connector and body ground.

Standard resistance:

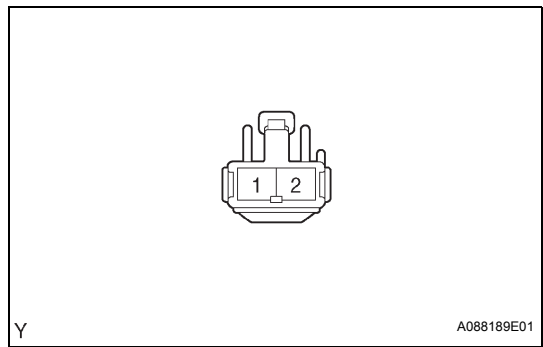
1 Ω or less

- (3) Connect the negative terminal of the auxiliary battery.

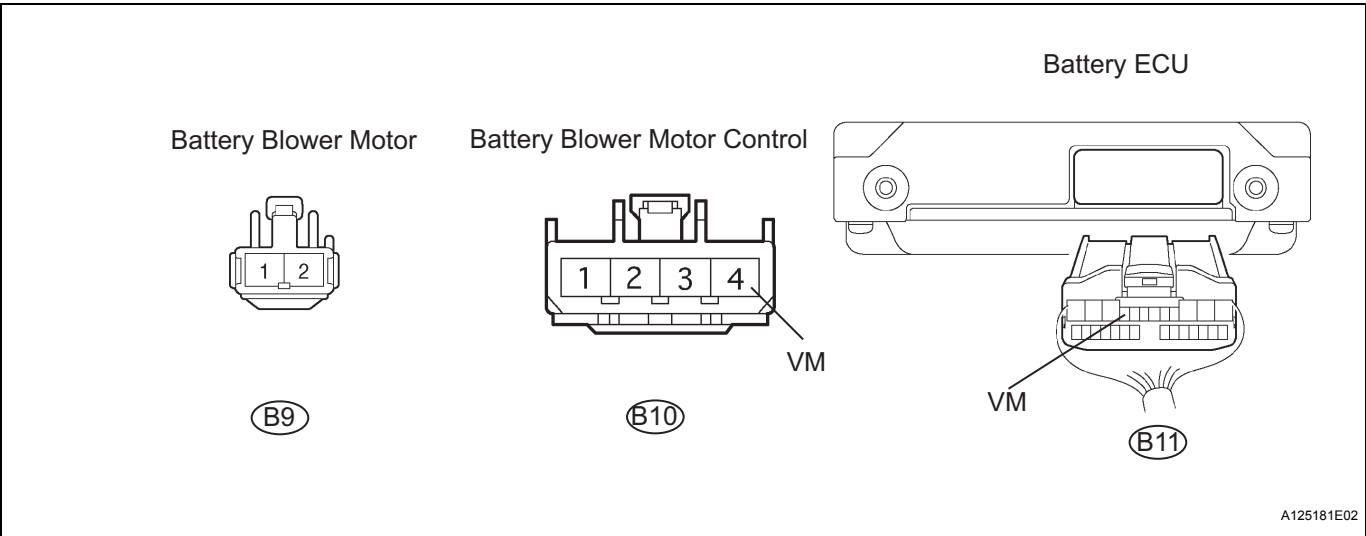
Torque: 6.0 N*m (61 kgf*cm, 53 in.*lbf)



- (4) Connect the intelligent tester to the DLC3.
- (5) Turn the power switch ON (IG).
- (6) Select the item:
DIAGNOSIS / OBD/MOBD / HV BATTERY /
ACTIVE TEST / COOLING FAN SPD / 1.



- (7) Measure the voltage between terminals 1 (GND) of the blower motor connector and the body ground.
Standard voltage:
9 to 14 V
NOTICE:
If there is no voltage, there may be a defect in the power supply system relays or in the wire harness.
- (8) Turn the power switch OFF, then disconnect the cable from the negative terminal of the auxiliary battery.
- (9) Disconnect the battery blower motor, battery blower motor control, and connector of the battery ECU.



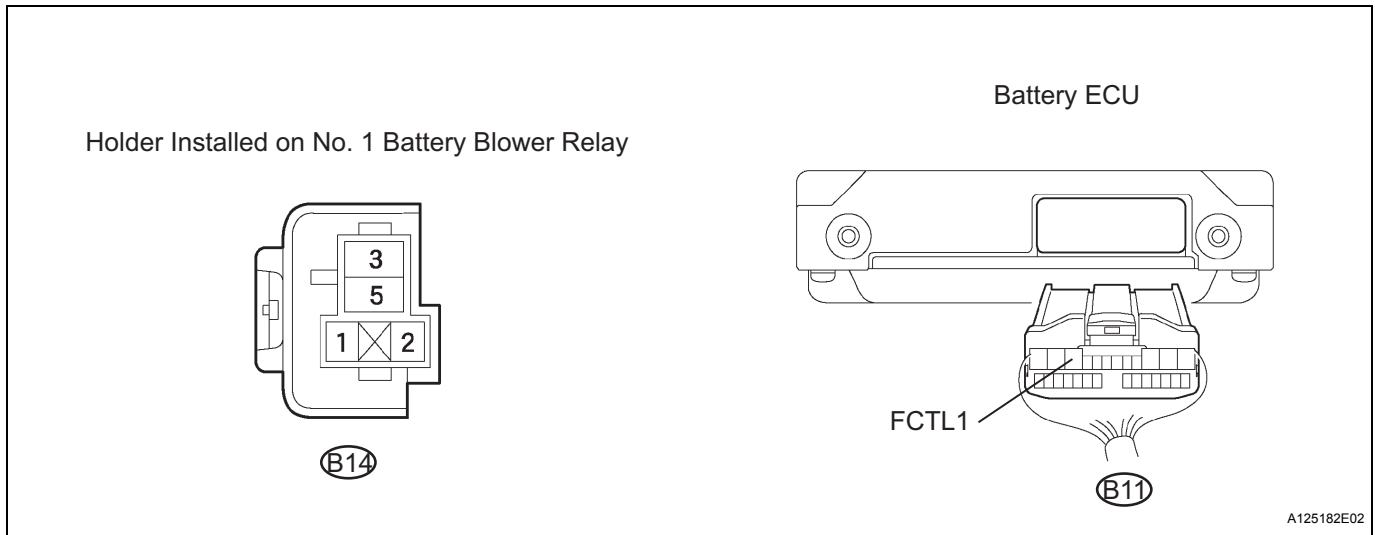
- (10) Measure the resistance of the wire harness side connectors.

Standard resistance

Tester Connection	Specified Condition
B9-1 - B10-4 (VM)	Below 1 Ω
B9-1 - B11-9 (VM)	Below 1 Ω
B9-1 - Body ground	10 k Ω or higher

NOTICE:
If the result is not as specified, repair or replace the wire harness and recheck the blower motor operation by the intelligent tester.

- (11) Measure the resistance of the wire harness side connectors.



Standard resistance

Tester Connection	Specified Condition
B14-2 - B11-10 (FCTL1)	Below 1 Ω
B14-2 - Body ground	10 k Ω or higher

NOTICE:

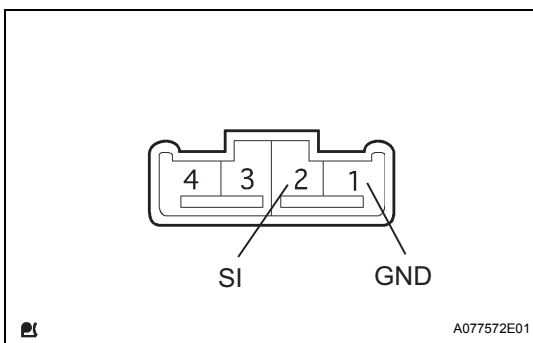
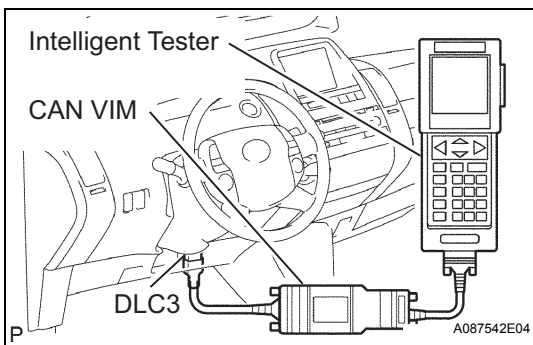
If the result is not as specified, repair or replace the wire harness and recheck the blower motor operation by the intelligent tester.

- (12) Reconnect all the disconnected connectors.

NOTICE:

Do not connect the service plug grip.

- (13) Connect the intelligent tester to the DLC3.
 (14) Turn the power switch ON (IG).
 (15) Select the item:
 DIAGNOSIS / OBD/MOBD / HV BATTERY /
 ACTIVE TEST / COOLING FAN SPD / 1.



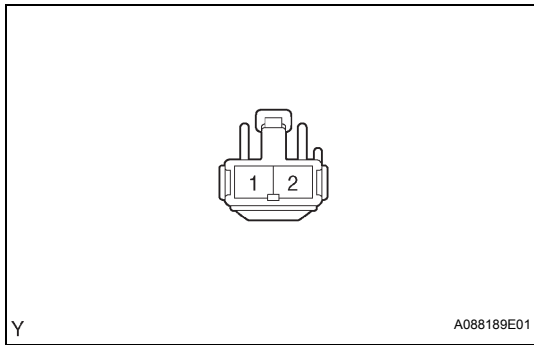
- (16) Measure the voltage between terminals 1 (GND) and 2 (SI) of the battery blower motor control.

Standard voltage:

1 V or more

NOTICE:

If the result is not as specified, repair or replace the wire harness and recheck the blower motor operation by the intelligent tester.



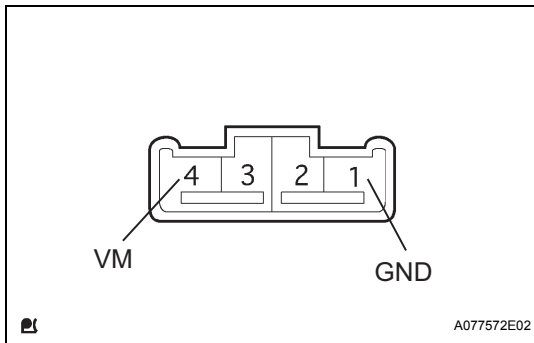
- (17) Measure the voltage between the terminals on the blower motor connector.

Standard voltage:

2 to 4 V

NOTICE:

If the result is not as specified, repair or replace the wire harness and recheck the blower motor operation by the intelligent tester.



- (18) Measure the voltage between terminals 1 (GND) and 4 (VM) of the blower motor control.

HINT:

A = (Measured voltage between terminals 1 (GND) of the blower motor connector and the body ground.)

Standard condition:

A - 4 V to A - 2 V

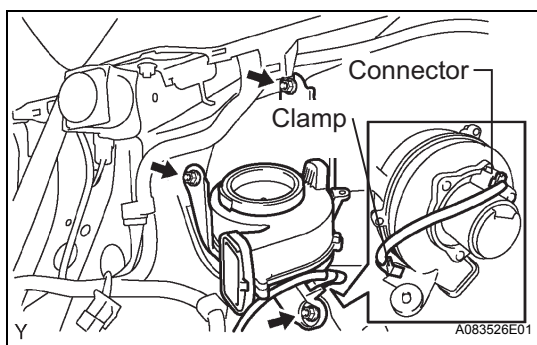
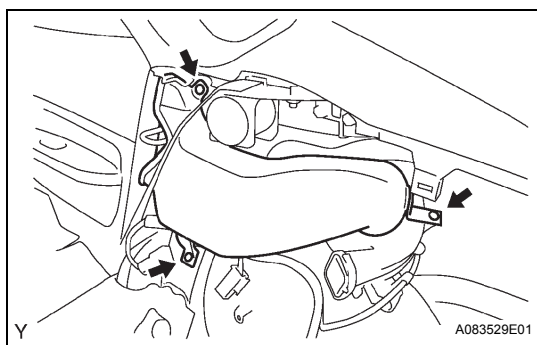
NOTICE:

If the result is not as specified, repair or replace the wire harness and recheck the blower motor operation by the intelligent tester.

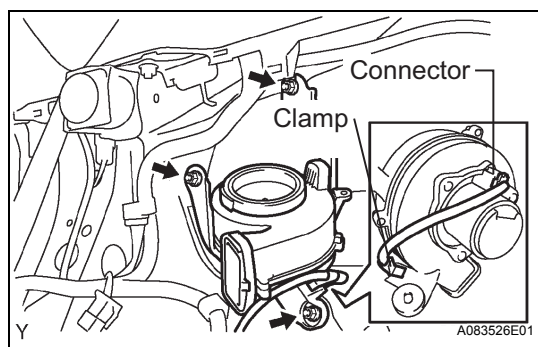
- (19) Recheck the blower motor operation by the intelligent tester, and perform the inspection again.

REMOVAL

1. REMOVE REAR NO. 2 FLOOR BOARD (See page [CH-4](#))
2. REMOVE REAR DECK FLOOR BOX (See page [CH-4](#))
3. REMOVE REAR NO. 3 FLOOR BOARD (See page [CH-4](#))
4. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL
CAUTION:
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.
5. REMOVE REAR DECK TRIM COVER (See page [HB-88](#))
6. REMOVE TONNEAU COVER (See page [HB-89](#))
7. REMOVE REAR SEAT CUSHION ASSEMBLY (See page [HB-89](#))
8. REMOVE REAR NO. 1 FLOOR BOARD (See page [HB-89](#))
9. REMOVE REAR SIDE SEAT BACK FRAME RH (See page [HB-89](#))
10. REMOVE DECK TRIM SIDE PANEL RH (See page [HB-90](#))
11. REMOVE NO. 2 QUARTER VENT DUCT INNER (See page [HB-91](#))
12. REMOVE VENTILATOR DUCT INNER
 - (a) Remove the 3 clips and ventilator duct inner.



13. REMOVE BATTERY BLOWER
 - (a) Remove the 3 nuts, then disconnect the battery blower assembly from the vehicle.
 - (b) Remove the connector, clamp and battery blower.

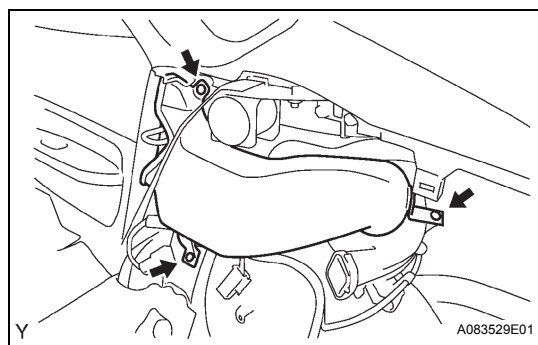


INSTALLATION

1. INSTALL BATTERY BLOWER

- Connect the connector to the battery blower.
- Install the clamp on the battery blower.
- Install the battery blower with the 3 nuts.

Torque: 5.0 N*m (51 kgf*cm, 44 in.*lbf)



2. INSTALL VENTILATOR DUCT INNER

- Install the ventilator duct inner with the 3 clips.

3. INSTALL NO. 2 QUARTER VENT DUCT INNER (See page [HB-97](#))

4. INSTALL DECK TRIM SIDE PANEL RH (See page [HB-98](#))

5. INSTALL REAR SIDE SEAT BACK FRAME RH (See page [HB-99](#))

6. INSTALL REAR NO. 1 FLOOR BOARD (See page [HB-99](#))

7. INSTALL REAR SEAT CUSHION ASSEMBLY (See page [HB-99](#))

8. INSTALL TONNEAU COVER (See page [HB-99](#))

9. INSTALL REAR DECK TRIM COVER (See page [HB-100](#))

10. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL (See page [CH-7](#))

11. INSTALL REAR NO. 3 FLOOR BOARD (See page [CH-8](#))

12. INSTALL REAR DECK FLOOR BOX (See page [CH-8](#))

13. INSTALL REAR NO. 2 FLOOR BOARD (See page [CH-8](#))

14. PERFORM INITIALIZATION

- Perform initialization (see page [IN-32](#)).

NOTICE:

Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.