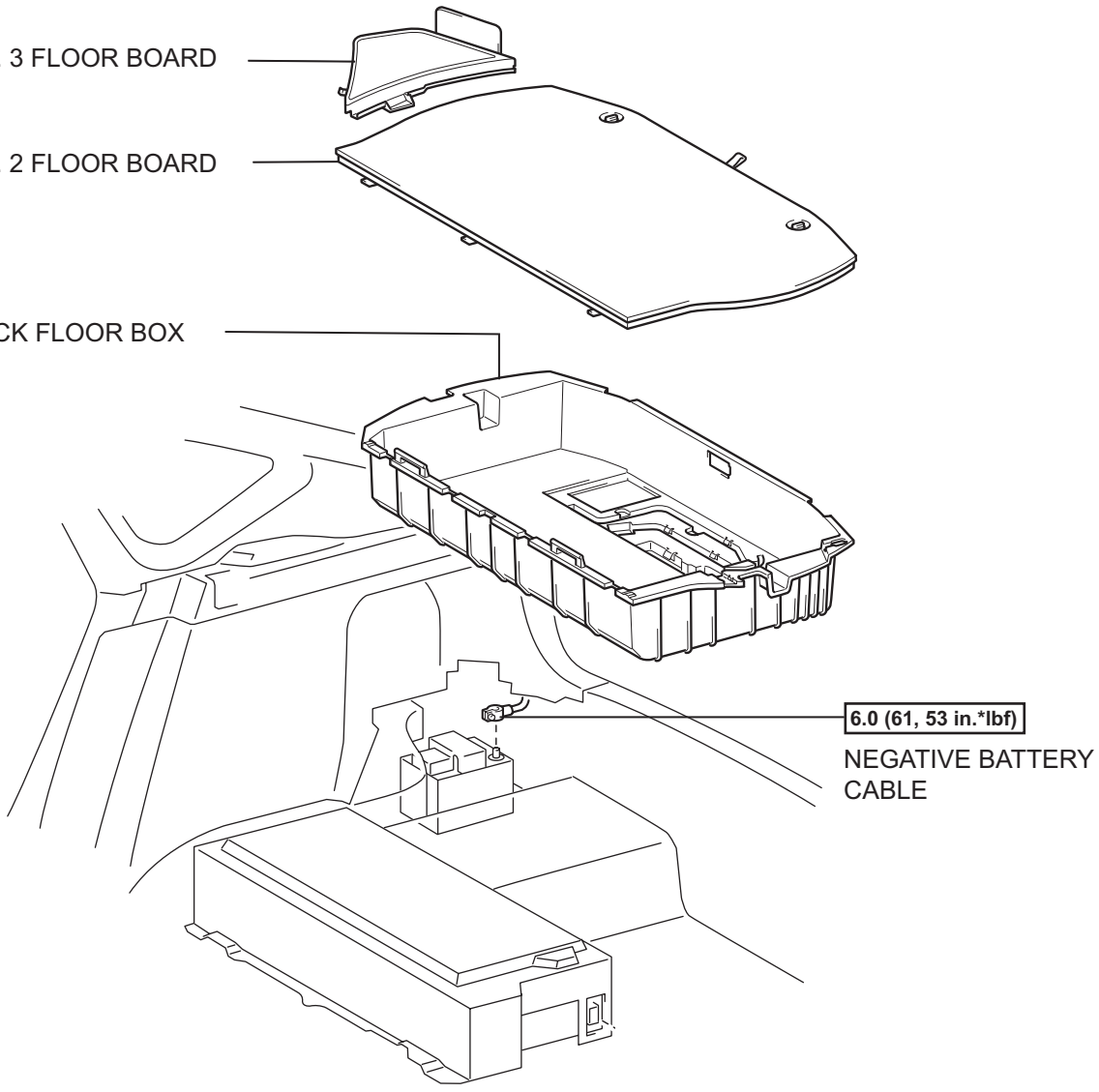
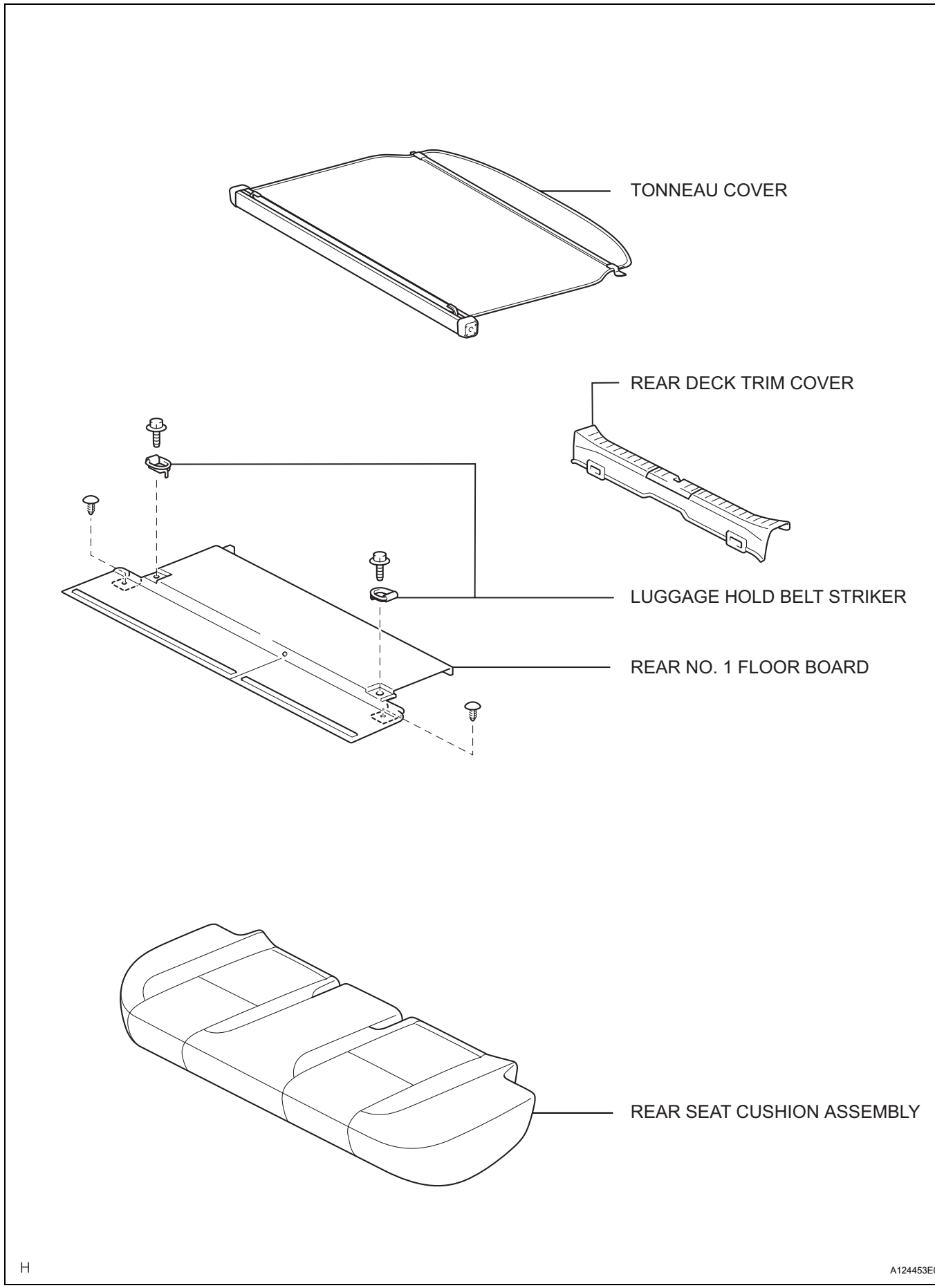
BATTERY BLOWER

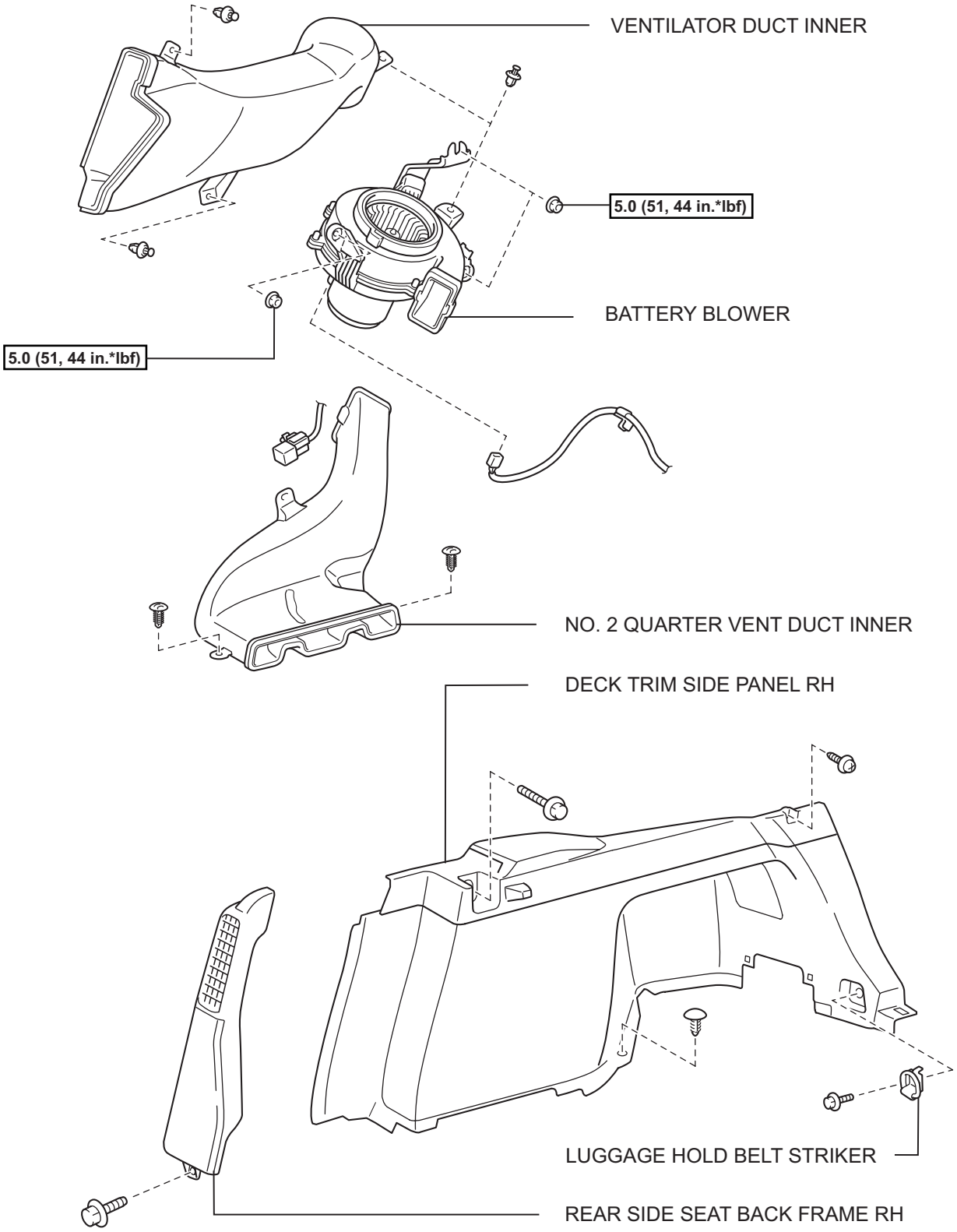
COMPONENTS



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

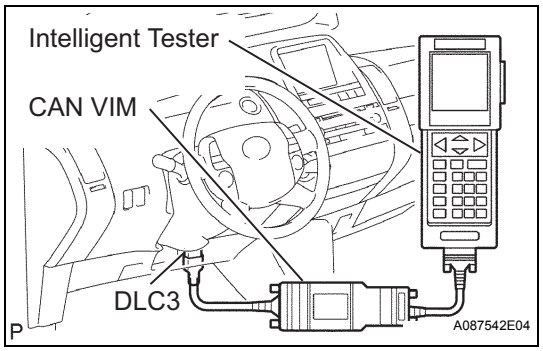
A124443E09


TONNEAU COVER
REAR DECK TRIM COVER
LUGGAGE HOLD BELT STRIKER
REAR NO. 1 FLOOR BOARD
REAR SEAT CUSHION ASSEMBLY
H
A124453E03



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

A124464E01



ON-VEHICLE INSPECTION

1. INSPECT BATTERY BLOWER

(a) Check the operation.

(1) Connect the intelligent tester to the DLC3.

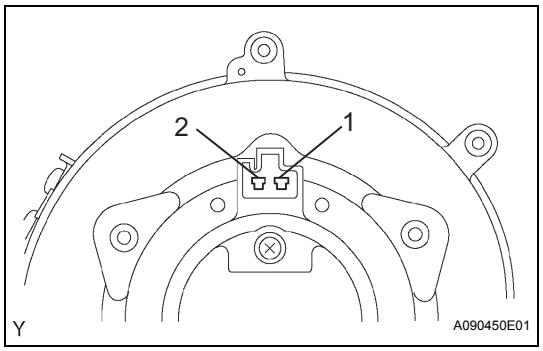
(2) Turn the power switch ON (IG).

(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.

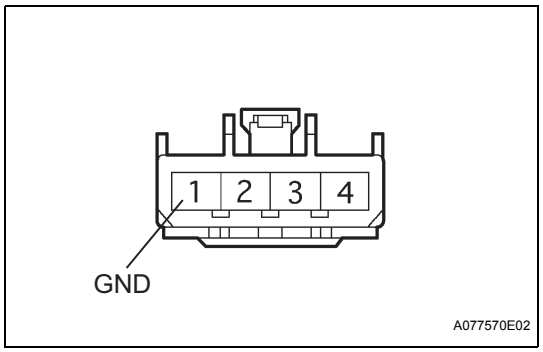
(b) Inspect the resistance.

(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.

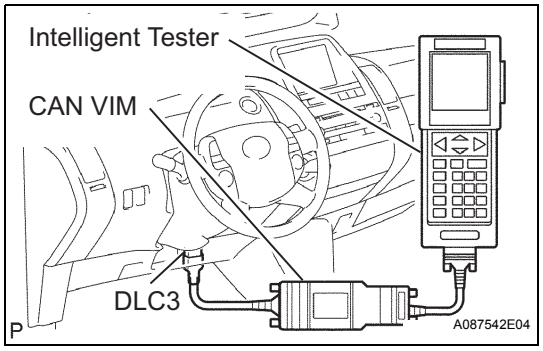


(c) Inspect the voltage.

(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)

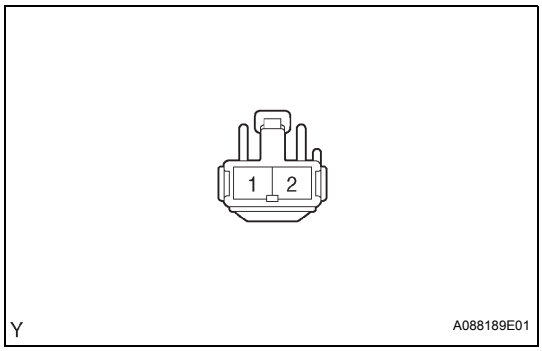


(4) Connect the intelligent tester to the DLC3.

(5) Turn the power switch ON (IG).

(6) Select the item:
DIAGNOSIS / OBD/MOBD / HV BATTERY / ACTIVE TEST / COOLING FAN SPD / 1.

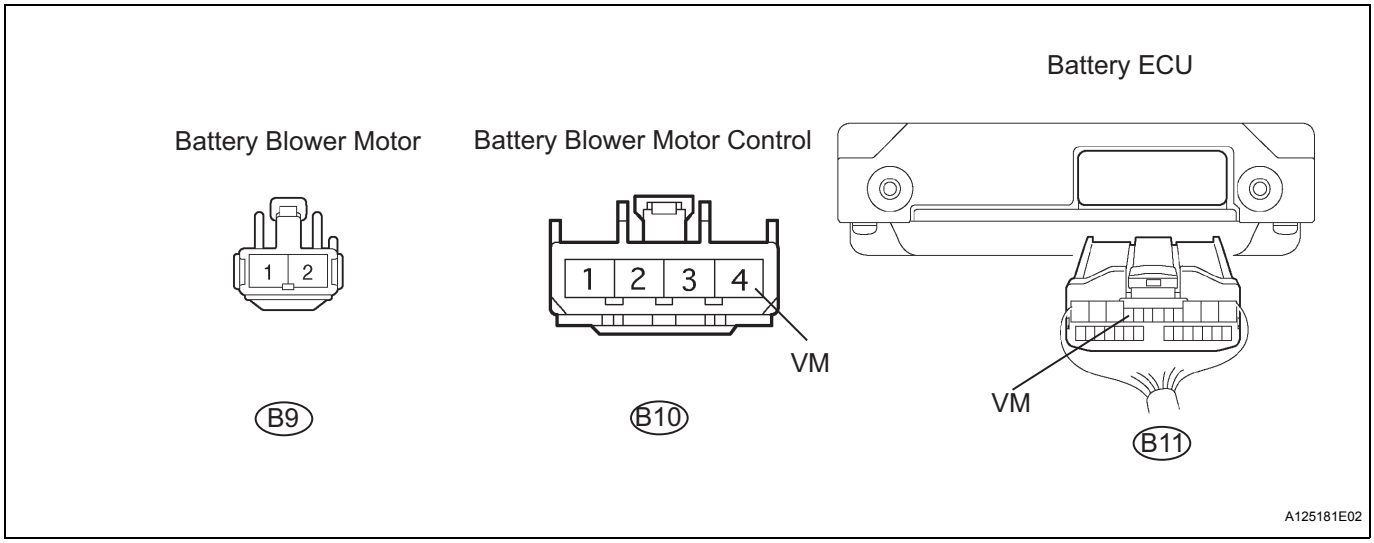
HB



(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.

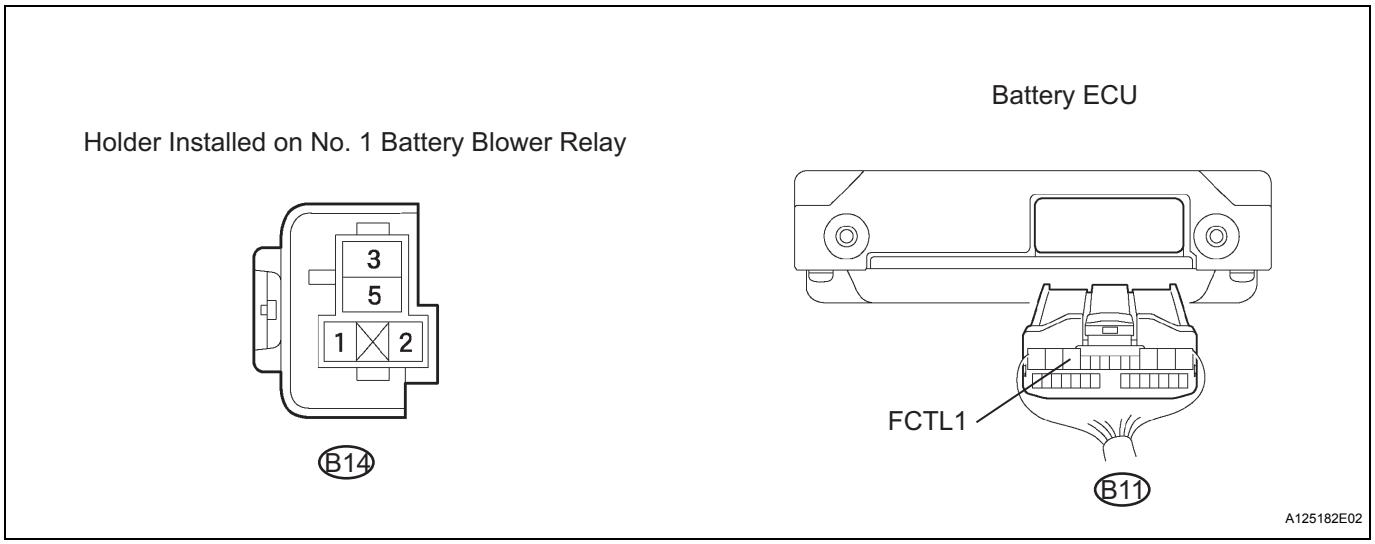


(10) Measure the resistance of the wire harness side connectors.
Standard resistance

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 kΩ 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.

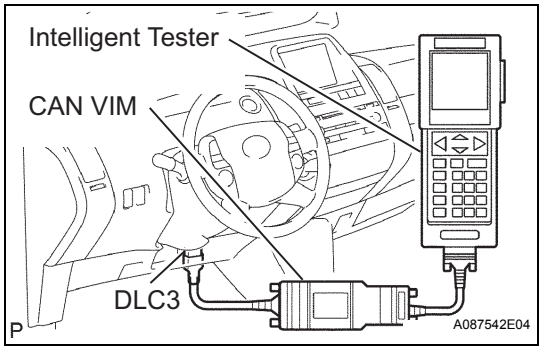


Standard resistance

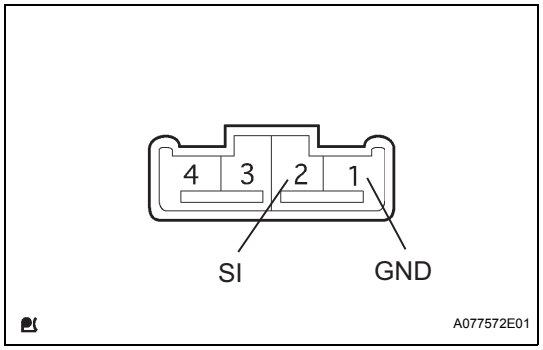
Tester Connection	Specified Condition
B14-2 - B11-10 (FCTL1)	Below 1 Ω
B14-2 - Body ground	10 kΩ or higher

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.

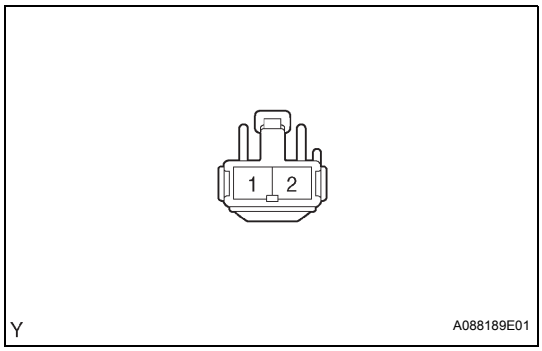


(13) Connect the intelligent tester to the DLC3.
(14) Turn the power switch ON (IG).
(15) Select the item:
DIAGNOSIS / OBD/MOBD / HV BATTERY / ACTIVE TEST / COOLING FAN SPD / 1.

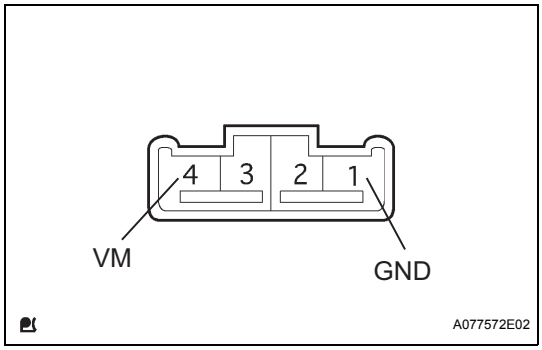


(16) Measure the voltage between terminals 1 (GND) and 2 (SI) of the battery blower motor control.
Standard voltage:
1 V or more
NOTICE:
If the result is not as specified, repair or replace the wire harness and recheck the blower motor operation by the intelligent tester.

HB



(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.

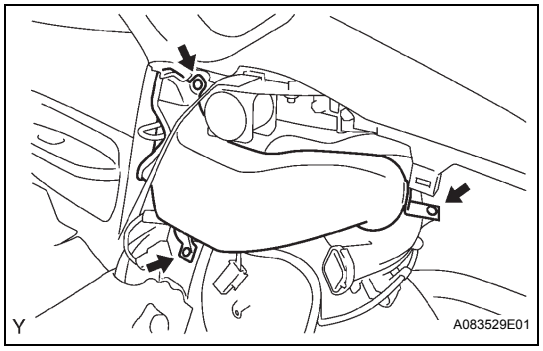


(18) Measure the voltage between terminals 1 (GND) and 4 (VM) of the blower motor control.
HINT:
A = (Measured voltage between terminals 1 (GND) of the blower motor connector and the body ground.)
Standard condition:
A - 4 V to A - 2 V
NOTICE:
If the result is not as specified, repair or replace the wire harness and recheck the blower motor operation by the intelligent tester.

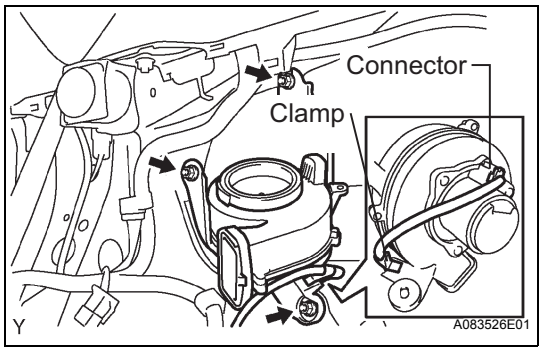
(19) Recheck the blower motor operation by the intelligent tester, and perform the inspection again.

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.



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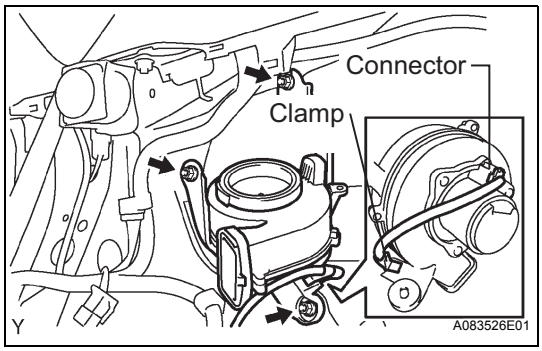
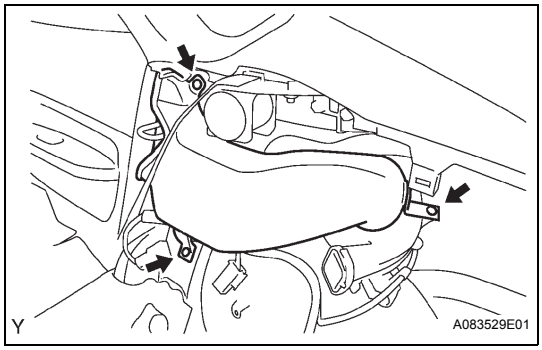


INSTALLATION

1. **INSTALL BATTERY BLOWER**
   (a) Connect the connector to the battery blower.
   (b) Install the clamp on the battery blower.
   (c) Install the battery blower with the 3 nuts.
   Torque: 5.0 N*m (51 kgf*cm, 44 in.*lbf)



2. **INSTALL VENTILATOR DUCT INNER**
   (a) 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**
    (a) Perform initialization (see page IN-32).
    NOTICE:
    Certain systems need to be initialized after disconnecting and reconnecting the cable from the negative (-) battery terminal.