

38.Rear Height Sensor

A: REMOVAL

CAUTION:

Always remove the sensor assembly - headlight beam leveler before removing any parts related to the suspension.

1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For the 12 volt engine restart battery of HEV model, disconnect the ground terminal from 12V engine restart battery sensor.

2) Lift up the vehicle, and remove the left rear wheel.

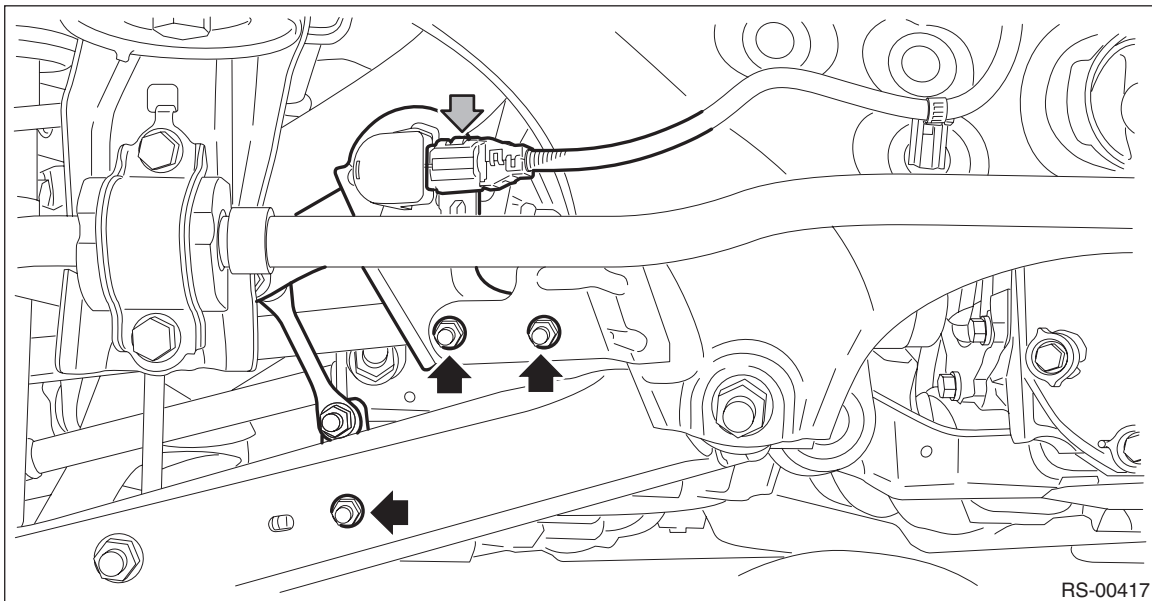
3) Remove the sensor assembly - headlight beam leveler.

CAUTION:

Do not disassemble the sensor and lever.

(1) Disconnect the connector.

(2) Remove the nuts, and remove the sensor assembly - headlight beam leveler.



B: INSTALLATION

1) Install each part in the reverse order of removal.

Tightening torque:

Sensor assembly - headlight beam leveler: 7.5 N·m (0.76 kgf-m, 5.5 ft-lb)

Rear wheel: Except for C4 model

120 N·m (12.24 kgf-m, 88.5 ft-lb)

Rear wheel: C4 model

100 N·m (10.20 kgf-m, 73.8 ft-lb)

2) Perform reinitialization of the sensor assembly - headlight beam leveler. <Ref. to LI-20, REINITIALIZATION, PROCEDURE, Auto Headlight Beam Leveler System.>

NOTE:

When replacing the sensor assembly - headlight beam leveler with a new part, perform the initialization. <Ref. to LI-20, INITIALIZATION, PROCEDURE, Auto Headlight Beam Leveler System.>

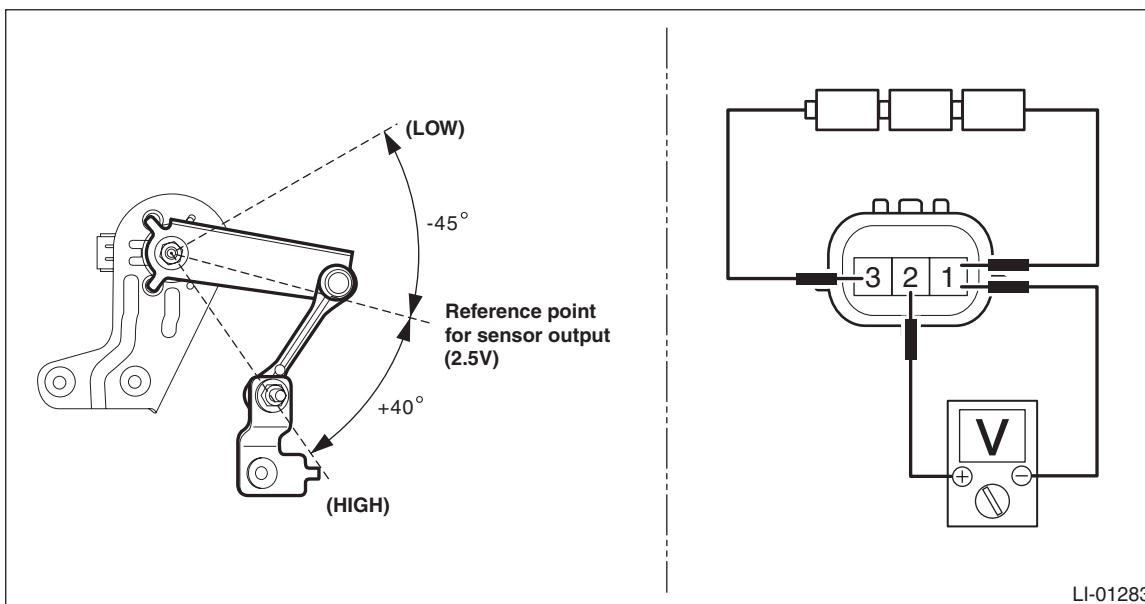
C: INSPECTION

UNIT INSPECTION

Preparation tool:

Circuit tester

- 1) Connect three dry cell batteries (1.5 V) in series.
- 2) Connect the (+) side of the battery to terminal No. 3 of the sensor, and the (–) side of the battery to terminal No. 1, and apply a voltage of 4.5 V between terminals No. 3 — No. 1.
- 3) With voltage applied, check the voltage between terminals when the sensor link is moved slowly up and down.



Terminal No.	Inspection conditions	Standard
2 (+) — 1 (–)	Move the link within the operation range.	0.5 — 4.1 V

- 4) Replace the sensor assembly - headlight beam leveler if the inspection result is not within the standard value.