

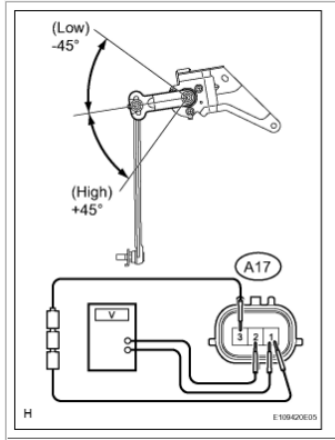
2007 Lexus IS 250 RWD V6-2.5L (4GR-FSE)

Vehicle Level → Sensors and Switches → Sensors and Switches - Steering and Suspension → Sensors and Switches - Suspension → Ride Height Sensor → Testing and Inspection

Testing and Inspection

INSPECTION

1. INSPECT FRONT HEIGHT CONTROL SENSOR SUBASSEMBLY



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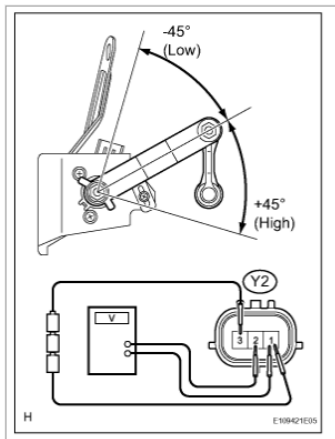
- a. Connect the 3 dry cell batteries (1.5 V) in series.
- b. Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead from the battery to terminal 3.

Standard voltage		
Tester Connection	Condition	Specified Condition
A17-2 (SHFL) - A17-1 (SHG)	+45°	Approx. 4.5 V
A17-2 (SHFL) - A17-1 (SHG)	0°(normal)	Approx 2.5 V
A17-2 (SHFL) - A17-1 (SHG)	-45°	Approx 0.5 V

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- c. Measure the voltage between terminals 2 and 1 while slowly moving the link up and down. If the result is not as specified, replace the sensor.
- d. Remove the height control sensor.

2. INSPECT REAR HEIGHT CONTROL SENSOR SUBASSEMBLY



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- a. Connect the 3 dry cell batteries (1.5 V) in series.
- b. Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead from the battery to terminal 3.

Standard voltage		
Tester Connection	Condition	Specified Condition
Y2-2 (SHRL) - Y2-1 (SHG)	+45°	Approx. 4.5 V

T2-2 (SHRL) - T2-1 (SHG)	V (normal)	Approx 2.0 V
Y2-2 (SHRL) - Y2-1 (SHG)	-45°	Approx 0.5 V

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- c. Measure the voltage between terminals 2 and 1 while slowly moving the link up and down. If the result is not as specified, replace the sensor.