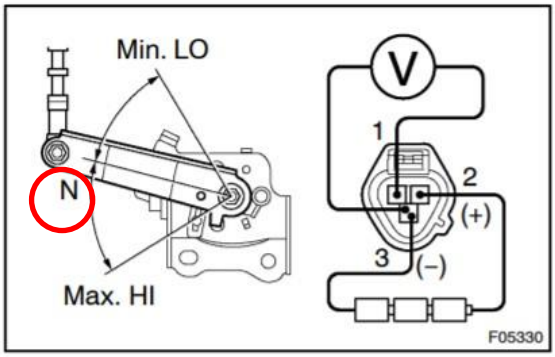
2	Check height control sensor.



In situ in the vehicle, Sensor voltage for "N" height also should occur when the Sensor Swing Arm is near mid-swing in its movement arc. At this position, voltage signal sent by Sensor to ECU should be ~2.25 volts and Sensor reading on Techstream or other scanner should be close to zero (+/- 5 millimetres or +/- 0.2 inches).

FRONT HEIGHT CONTROL SENSOR

PREPARATION:

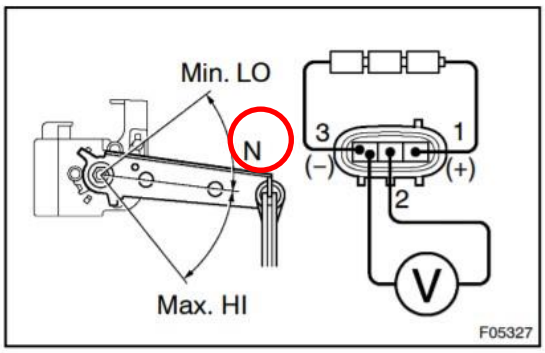
(a) Disconnect the height control sensor connector.
(b) Remove the height control sensor.

CHECK:

(a) Connect 3 dry batteries of 1.5 V in series.
(b) Connect terminal 2 to the batteries' positive (+) terminal, and terminal 3 to the batteries' negative (–) terminal, then apply voltage about 4.5 V between terminals 2 and 3.
(c) Measure the voltage between terminals 1 and 3, when the height control sensor link is slowly moved up and down.

OK:

Sensor Link Position	Voltage
Max. HI	Approx. 4.05 V
N	Approx. 2.25 V
Min. LO	Approx. 0.45 V



REAR HEIGHT CONTROL SENSOR

PREPARATION:

(a) Disconnect the height control sensor connector.
(b) Remove the height control sensor.

CHECK:

(a) Connect 3 dry batteries of 1.5 V in series.
(b) Connect terminal 1 to the batteries' positive (+) terminal, and terminal 3 to the batteries' negative (–) terminal, then apply voltage about 4.5 V between terminals 2 and 3.
(c) Measure the voltage between terminals 2 and 3, when the height control sensor link is slowly moved up and down.

OK:

Sensor Link Position	Voltage
Max. HI	Approx. 4.05 V
N	Approx. 2.25 V
Min. LO	Approx. 0.45 V

NG	Replace height control sensor.