



- (a) Connect the hand-held tester to DLC3 on the vehicle.
- (b) Start the engine and push the height select switch to adjust the vehicle height to the "N" position.
- (c) With the ignition switch OFF, adjust the torsion bar spring so that the difference between right and left in vehicle height is less than 10 mm (0.39 in.).

**HINT:**

To eliminate the height difference between the right and left torsion bar springs, tighten the lower one and loosen the other one by the same amount.

**(Example)**

When the vehicle height of the right wheel side is too high, loosen the torsion bar spring of the right wheel side and tighten the one of the left wheel by same amount.

**NOTICE:**

**Adjust it with no passengers are in.**

- (d) Start the engine and push the height select switch to adjust the vehicle height from the "N" to "LO" then back to "N" position.
- (e) Stop the engine.
- (f) Read the pressure value of the front shock absorber with hand-held tester at this time.

**Pressure:**

**6.9 ± 0.5 MPa (70 ± 5 kgf/cm<sup>2</sup>, 996 ± 71 psi)**

**HINT:**

The cylinder pressure read by the hand-held tester is estimated by the pump emitted pressure so the pressure is approx. 1.2 MPa (12 kgf/cm<sup>2</sup>, 171 psi) higher than the pressure read by the LSPV gauge (SST).

If the value is not within the specified value, adjust the torsion bar spring.

**NOTICE:**

**Make sure to turn the ignition OFF when adjusting the torsion bar spring.**

**HINT:**

- Approx. 0.2 MPa (2 kgf/cm<sup>2</sup>, 28 psi) changes when both right and left adjusting bolts are turned one turn.
- The pressure rises when the adjusting bolts are loosened.

**Pressure:**

**6.9 ± 0.3 MPa (70 ± 3 kgf/cm<sup>2</sup>, 996 ± 43 psi)**

- (g) Start the engine and push the height select switch to adjust the vehicle height to the "N" position.
- (h) Check the fluid level ([See page SA-305](#)).