

## INSPECTION

### 1. CHECK FLUID LEVEL

- Keep the vehicle level.
- With the engine stopped, check the fluid level in the oil reservoir.

If necessary, add fluid.

**Fluid: ATF DEXRON® II or III**

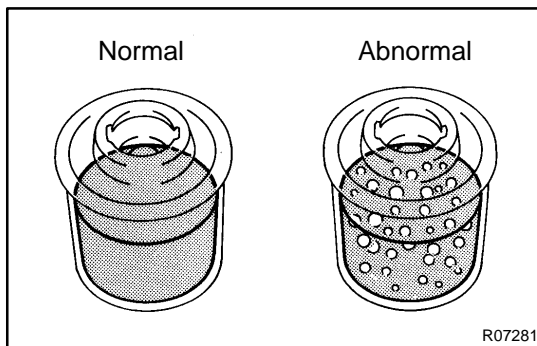
#### HINT:

Check that the fluid level is within the HOT LEVEL range on the reservoir cap dipstick.

If the fluid is cold, check that it is within the COLD LEVEL range.

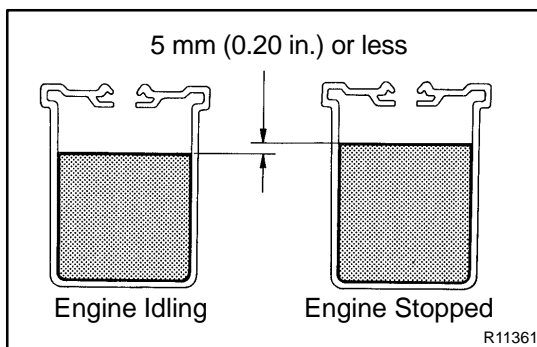
- Start the engine and run it at idle.
- Turn the steering wheel from lock to lock several times to boost fluid temperature.

**Fluid temperature: 80°C (176°F)**



- Check for foaming or emulsification.

If there is foaming or emulsification, bleed power steering system (See page [SR-4](#)).



- With the engine idling, measure the fluid level in the oil reservoir.

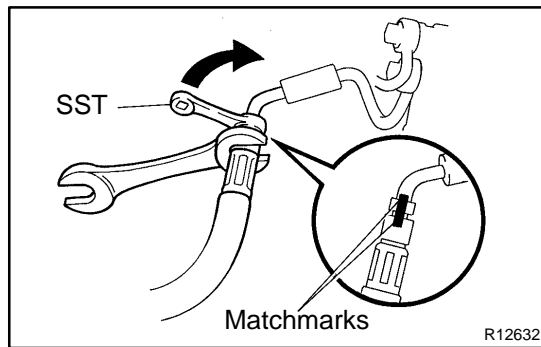
- Stop the engine.

- Wait a few minutes and remeasure the fluid level in the oil reservoir.

**Maximum fluid level rise: 5 mm (0.20 in.)**

If a problem is found, bleed power steering system (See page [SR-4](#)).

- Check the fluid level.

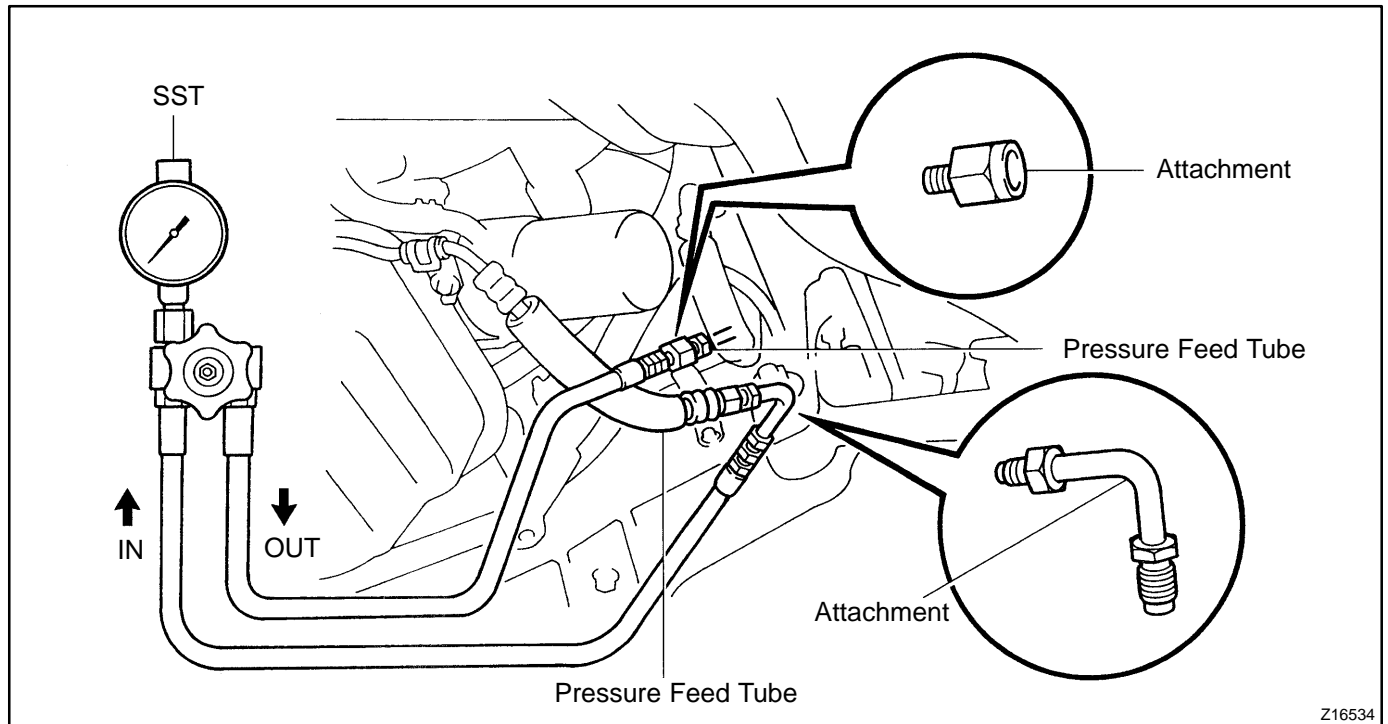


## 2. CHECK STEERING FLUID PRESSURE

- Place matchmarks on the pressure feed tubes.
- Using SST, disconnect the pressure line joint.  
SST 09631-22020
- Connect SST, as shown in the illustration below.  
SST 09640-10010 (09641-01010, 09641-01030, 09641-01040)

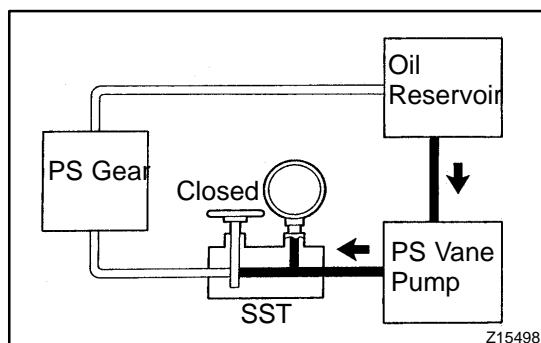
### NOTICE:

Check that the valve of the SST is in the open position.



- Bleed the power steering system (See page [SR-4](#)).
- Start the engine and run it at idle.
- Turn the steering wheel from lock to lock several times to boost fluid temperature.

**Fluid temperature: 80 °C (176 °F)**

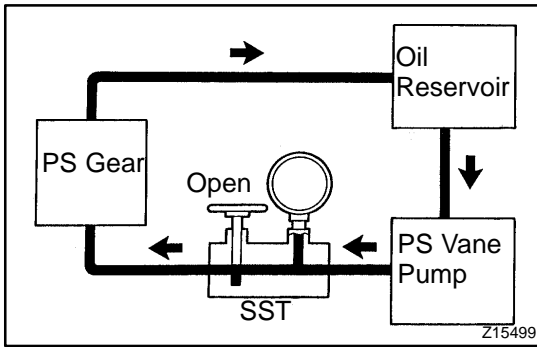


- With the engine idling, close the valve of the SST and observe the reading on the SST.

**Minimum fluid pressure:**  
8,336 kPa (85 kgf/cm<sup>2</sup>, 1,209 psi)

### NOTICE:

- Do not keep the valve closed for more than 10 seconds.
- Do not let the fluid temperature become too high.

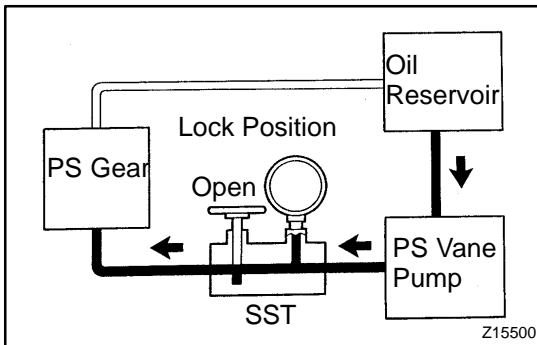


- (h) With the engine idling, open the valve fully.  
 (i) Measure the fluid pressure at engine speeds of 1,000 rpm and 3,000 rpm.

**Difference fluid pressure:**  
**490 kPa (5 kgf/cm<sup>2</sup>, 71 psi) or less**

**NOTICE:**

**Do not turn the steering wheel.**



- (j) With the engine idling and valve fully opened, turn the steering wheel to full lock.

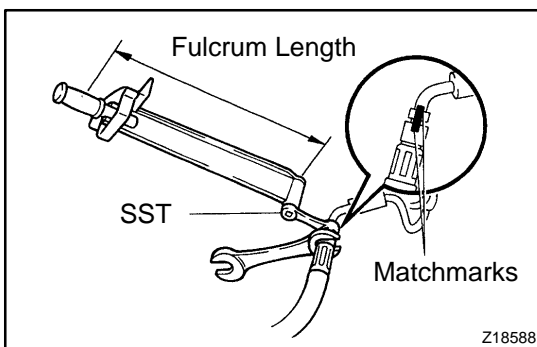
**Minimum fluid pressure:**  
**8,336 kPa (85 kgf/cm<sup>2</sup>, 1,209 psi)**

**NOTICE:**

- **Do not maintain lock position for more than 10 seconds.**
- **Do not let the fluid temperature become too high.**

- (k) Disconnect the SST.

SST 09640-10010 (09641-01010, 09641-01030, 09641-01040)



- (l) Align the matchmarks on the pressure feed tubes and connect them with SST.

SST 09631-22020

**Torque: 37 N·m (375 kgf·cm, 27 ft·lbf)**

**HINT:**

- Use a torque wrench with a fulcrum length of 345 mm (13.58 in.).
- This torque value is effective in case that SST is parallel to a torque wrench.

- (m) Bleed the power steering system (See page [SR-4](#)).