

INSPECTION

1. CHECK FLUID LEVEL

- (a) Keep the vehicle level.
- (b) With the engine stopped, check the fluid level in the oil reservoir.

If necessary, add fluid.

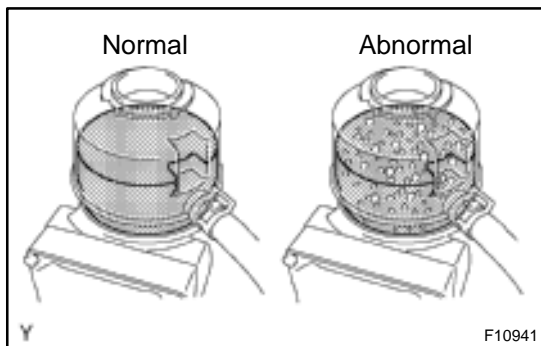
Fluid: TOYOTA POWER STEERING FLUID EH (Part No. 08886-01206) or equivalent

HINT:

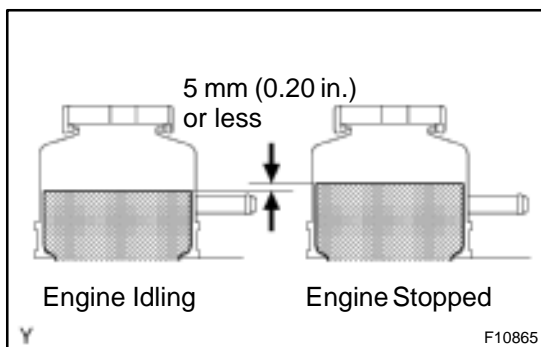
Check that the fluid level is within the HOT LEVEL range on the reservoir. If the fluid is cold, check that it is within the COLD LEVEL range.

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

Fluid temperature: 50°C (122°F)



- (e) Check for foaming or emulsification. If there is foaming or emulsification, bleed power steering system (See page [SR-3](#)).



- (f) With the engine idling, measure the fluid level in the oil reservoir.
- (g) Stop the engine.
- (h) 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-3](#)).

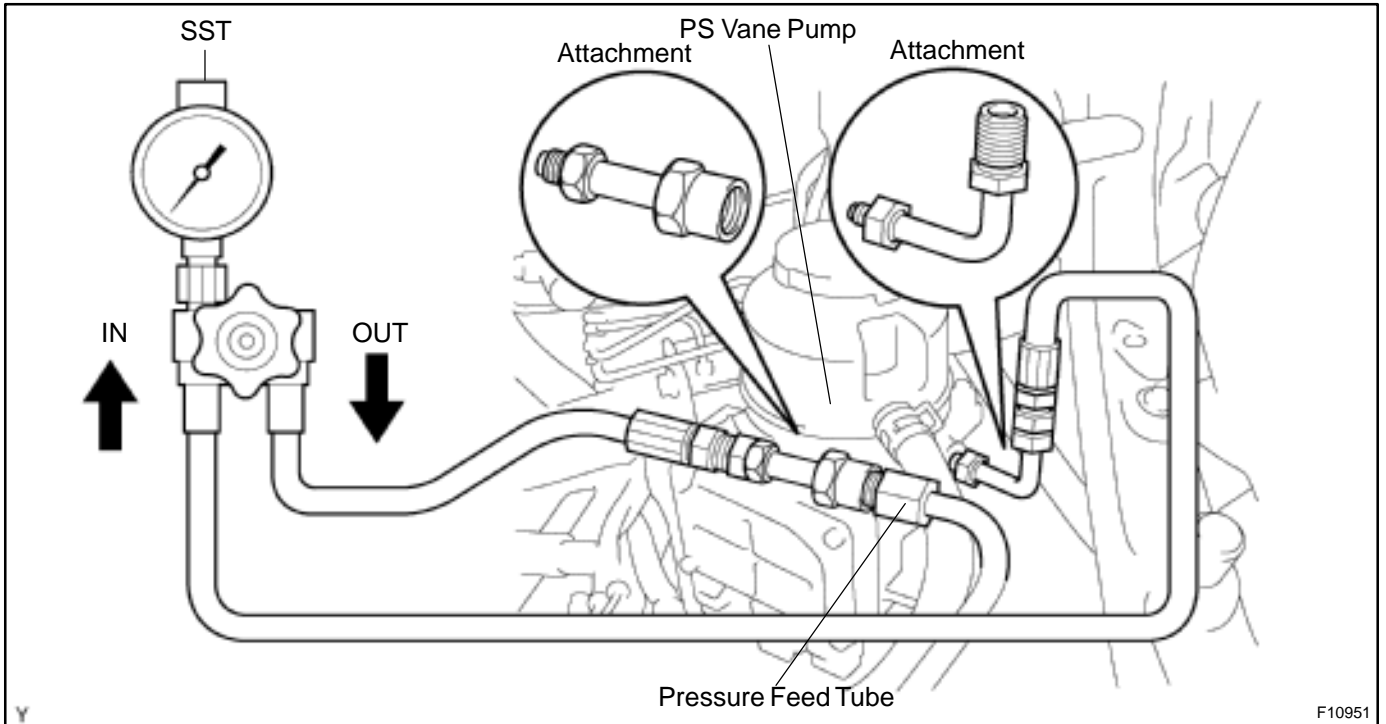
- (i) Check the fluid level.

2. CHECK STEERING FLUID PRESSURE

- (a) Disconnect the pressure feed tube from the PS vane pump (See page SR-24).
- (b) Connect SST, as shown in the illustration below.
SST 09640-10010 (09641-01010, 09641-01020, 09641-01030)

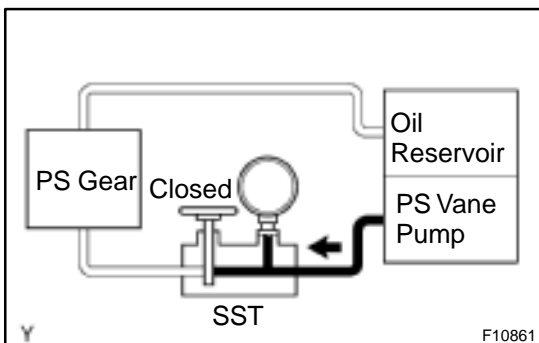
NOTICE:

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



- (c) Bleed the power steering system (See page SR-3).
- (d) Start the engine and run it at idle.
- (e) Turn the steering wheel from lock to lock several times to boost fluid temperature.

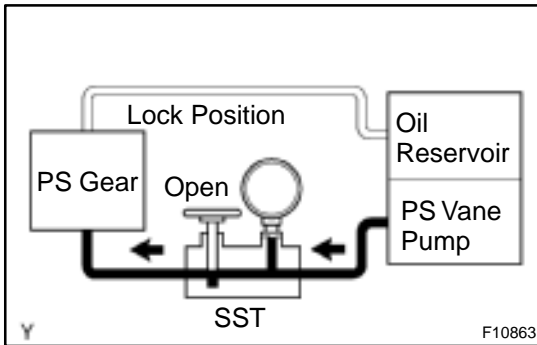
Fluid temperature: 50°C (122°F)



- (f) With the engine idling, close the valve of the SST and observe the reading on the SST.
Minimum fluid pressure: 4,900 kPa (50 kgf/cm², 711 psi)

NOTICE:

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



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

Minimum fluid pressure:

4,900 kPa (50 kgf/cm², 711 psi)

NOTICE:

- **Do not maintain lock position for more than 10 seconds.**
 - **Do not let the fluid temperature become too high.**
- (h) Disconnect the SST.
SST 09640-10010 (09641-01010, 09641-01030, 09641-01060)
- (i) Connect the pressure feed tube to the PS vane pump (See page [SR-31](#)).
- (j) Bleed the power steering system (See page [SR-3](#)).