

9. Power Steering Fluid

A: SPECIFICATION

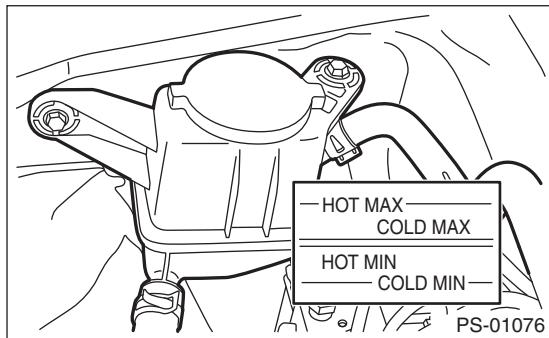
Recommended power steering fluid
SUBARU ATF or DEXRON III

B: INSPECTION

- 1) Check the power steering fluid for deterioration or contamination. If the fluid is highly deteriorated or contaminated, drain it and refill with new fluid.
- 2) Check the joints and units for oil leakage. If any oil leaks are found, repair or replace the applicable part.
- 3) Inspect the fluid level of reservoir tank with vehicle on level surface and engine stopped. If the level is at "MIN." point or below, add fluid to keep the level in the specified range of the indicator. If fluid level is at "MAX." point or above, drain fluid by using a syringe or the like.

(1) Check at power steering fluid temperature 20°C (68°F); read the fluid level on the "COLD" side.

(2) Check at power steering fluid temperature 80°C (176°F); read the fluid level on the "HOT" side.



C: REPLACEMENT

- 1) Lift up the vehicle.
- 2) Drain the power steering fluid.
- 3) Add the specified fluid to reservoir tank at "MAX" level.
- 4) Maintaining the fluid level of Step 3), continue to turn the steering wheel slowly from lock to lock until the bubbles stop appearing on oil surface.
- 5) If the steering wheel is turned in a low fluid level condition, air will be sucked into the pipe. If air has entered, leave it for about half an hour and then repeat step 4) again.
- 6) Start the engine and let it idle.
- 7) Continue to turn the steering wheel slowly from lock to lock again until the bubbles stop appearing on oil surface, while keeping the fluid at the level in Step 3).

Normally bubbles will stop appearing after turning the steering wheel from lock to lock three times.

8) In case bubbles do not stop appearing in the tank, leave it for about half an hour and then repeat step 3) again.

9) Lower the vehicle, and then idle the engine.

10) Continue to turn the steering wheel from lock to lock until the bubbles stop appearing and change of the fluid level is within 3 mm (0.12 in).

11) In case the following happens, leave it about half an hour and then do step 7) to 10) again.

(1) The fluid level changes by 3 mm (0.12 in) or more.

(2) Bubbles remain on the upper surface of the fluid.

(3) Grinding noise is generated from oil pump.

12) Check the fluid leakage after turning steering wheel from lock to lock with engine running.