

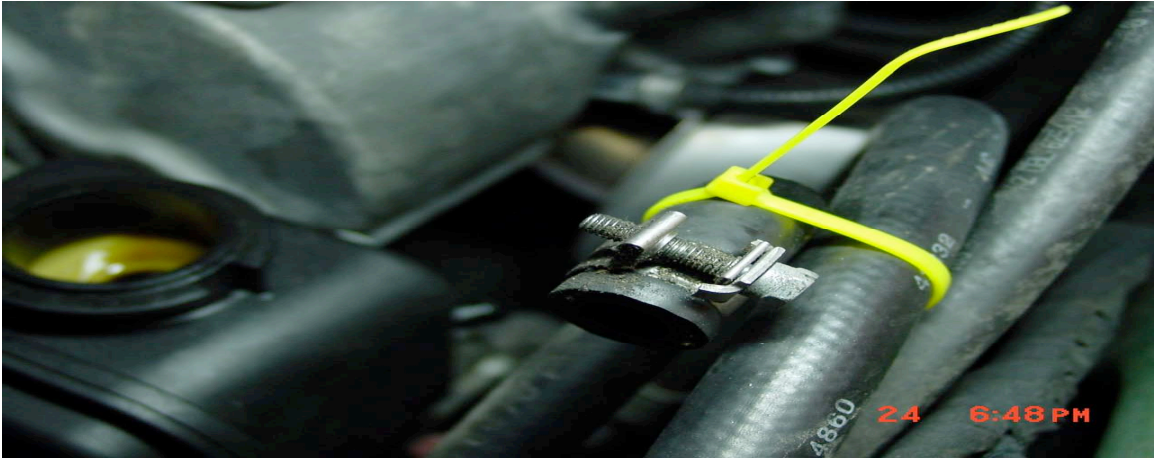
## POWER STEERING PUMP RESERVOIR REMOVAL / SEAL REPLACEMENT

1. Remove plastic engine cover (snaps off)
2. Unscrew and remove ps dipstick.  
\*\*\*\*\* I use my Mitavac to get the PS fluid out.
3. Place absorbent towels directly underneath the pump and reservoir.
4. From front of engine remove the retaining bolt. (Only one is used)



- 4a. Remove return line from pump and secure with tie wrap to AC line to keep from spilling fluid.



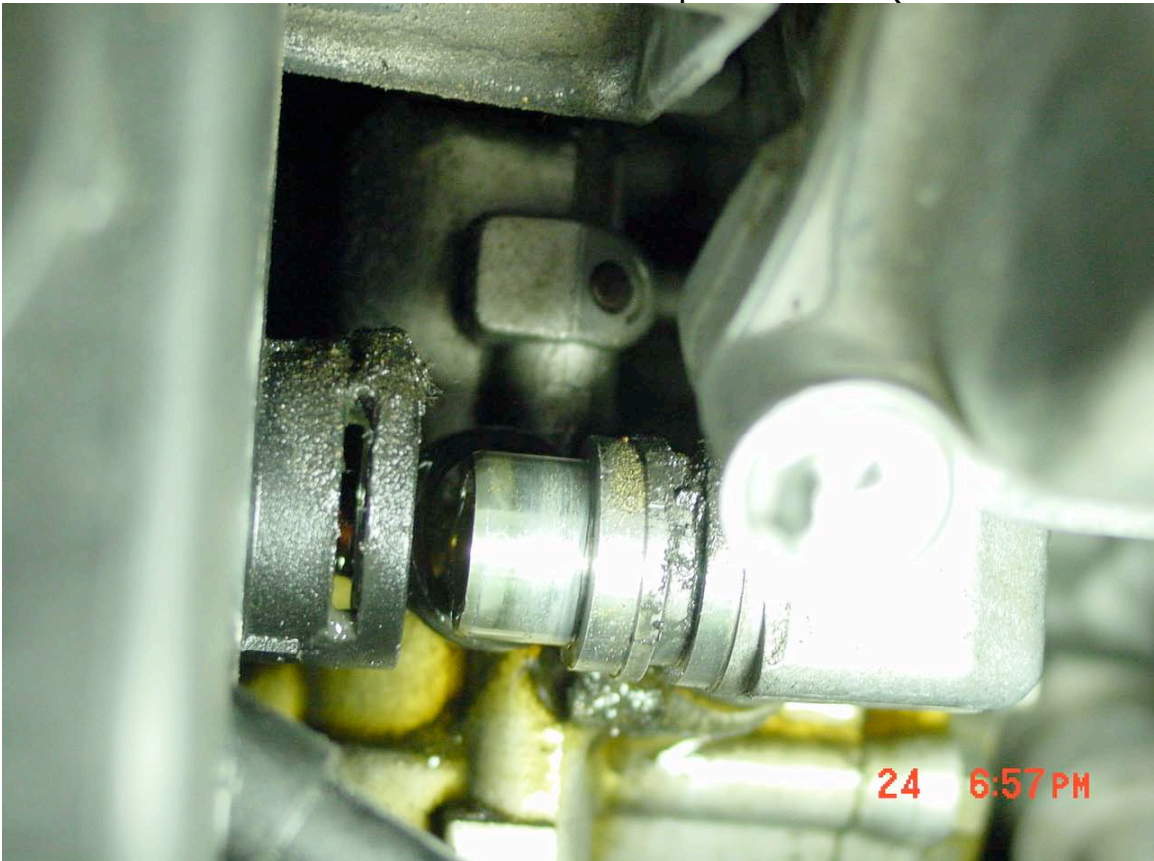


5. From side of reservoir, in the area of the seal (closest to the E-box) use a small hook or screwdriver blade to pull out a retaining U shaped clip. Insert the tip of the flat nose screwdriver on the retaining bolt as it is U-shaped. Use the pliers as leverage to pull it out halfway. Once it is out halfway you can then use the pliers to take it out. I used a long screwdriver as a fulcrum to give me leverage on the clip. Be careful not to drop it but it is larger than I expected and the gold color made it easy to find and retrieve with a magnet.





6. The reservoir is now unsecured and can be pulled back (towards the radiator).

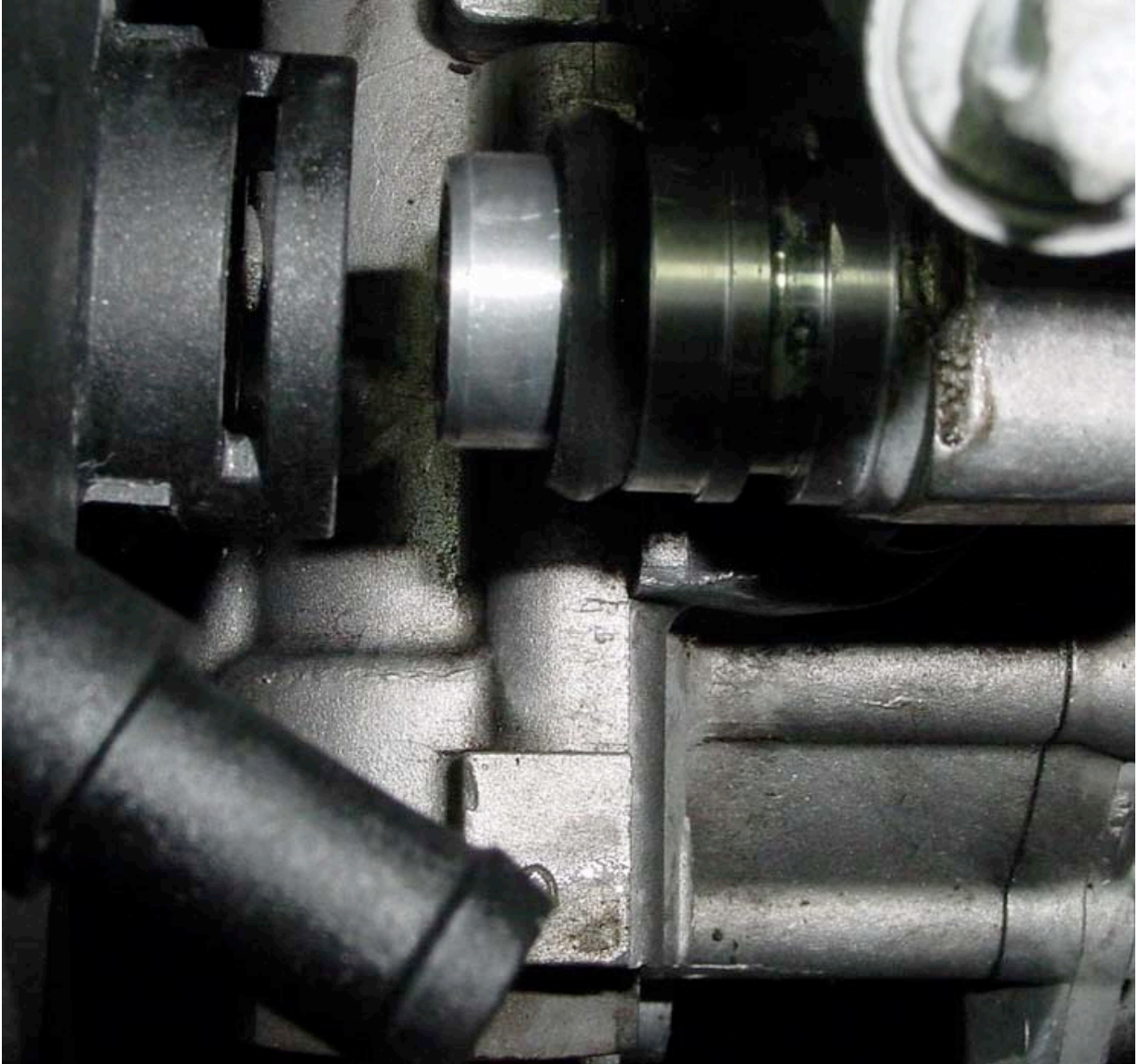


7. Clean the area and the reservoir. Do not let any dirt enter the pump or reservoir. I sprayed everything with brake clean and even let it sit in the tank to dissolve the deposits in the bottom and checked for leaks. Check for cracks in the reservoir and replace if needed. (\$30. Part)

8. Remove and place the new O-ring onto the machined tube. Compare the old from the new gasket and you should see the difference. The new one is on the left and the old one is on the right – it doesn't appear to be damaged but is flat along the outer part instead of slightly domed.



9. Reinstall the reservoir on the pump making sure that the seal sits squarely on the tube until it clicks. Press the retaining clip back on hard with the pliers.



10. Reinstall the retaining bolt and torque to specification.  
\*\*\*\*I would advise on using a permatex thread locker blue to lock in the bolt and the hose clamp on the return line.
11. Fill the reservoir with the MB ps fluid.
12. Check for leaks.
13. Adjust the fluid to proper level.
14. Re install the engine cover (try not to break off the plastic mounting points)

Thanks to mcphere who posted the text on <http://www.pointedthree.com>