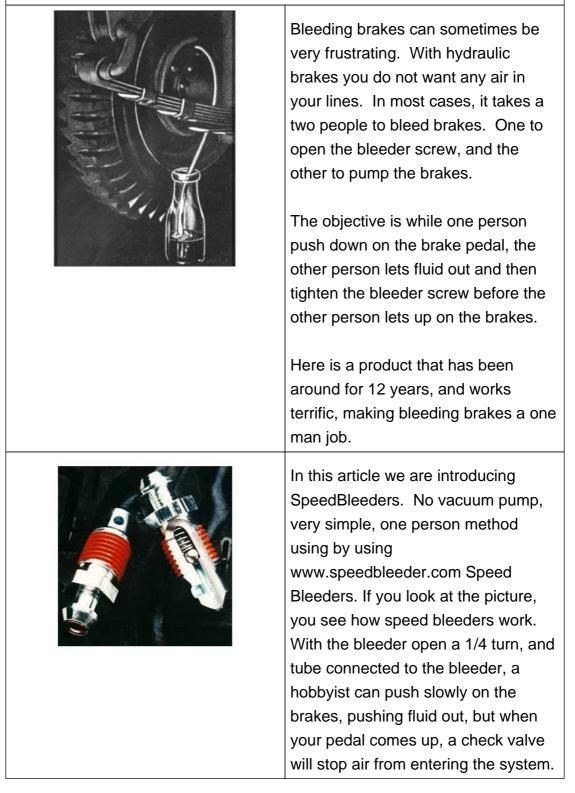
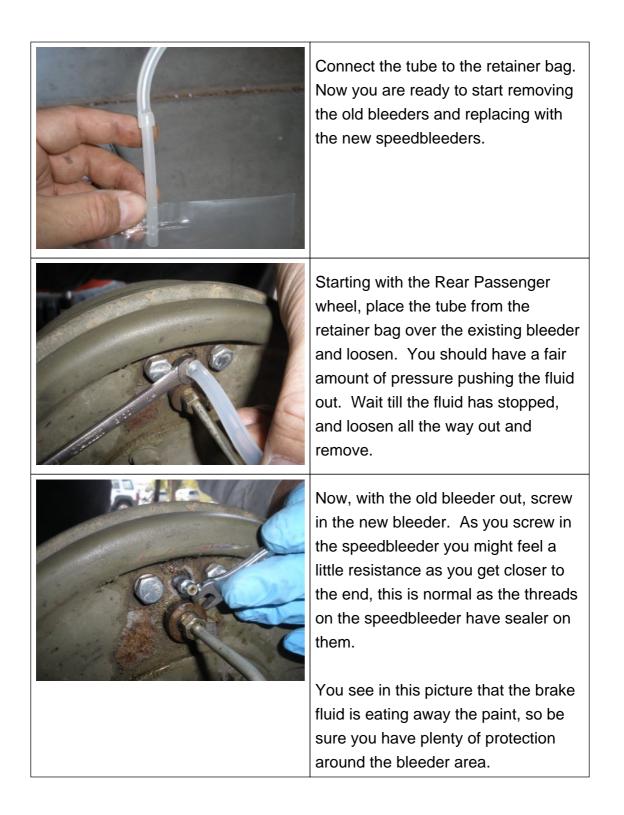


G503 WWII Jeep Bleeding Hydraulic Brakes - made easy

This article shows a simple, easy way, for one person to bleed a WWII Jeep Hydraulic brake system



You don't have to jack your jeep up, but I wanted to so I could get good pictures and get a close up on what is going on. Before you get started, take the Master Cylinder floor cover (driver floor) off and fill your master cylinder full of fluid.
I used the SB1428 # 1/4 x 28 speed bleeder which are \$7 each, and the reusable retainer bag at \$3, and the reusable 1/4" tubing at \$3 (total \$34). Since I had purchased a vacuum bleeder from Harbor Freight for about the same price and with a poor result, this solution was really intriguing.
Tip: Clean around the master cylinder and the bleeder, clear area from dirt. You do not want dirt getting into the brake system. Before you start bleeding the brakes from air, check the master cylinder to make sure you have at least 3/4 full of brake fluid. I will top it off, as I know I am going to push a fair amount of fluid out of the lines for this exercise.





Repeat this process for the other Rear wheel bleeder on the driverside. You will note that the fluid has no more pressure, so the leakage should be minimal.

Repeat the same steps for the front wheel bleeders as well. You see in the picture here that you have a little obsticle to get around the brake line but it isn't to bad.

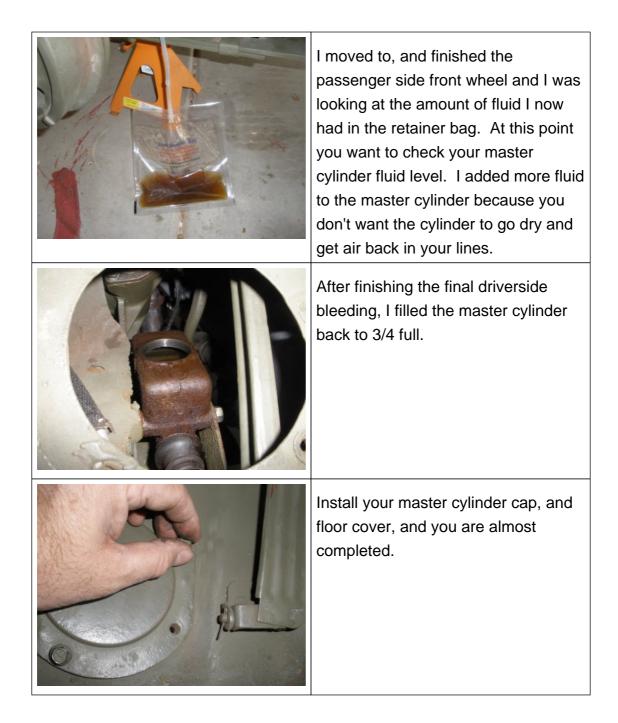


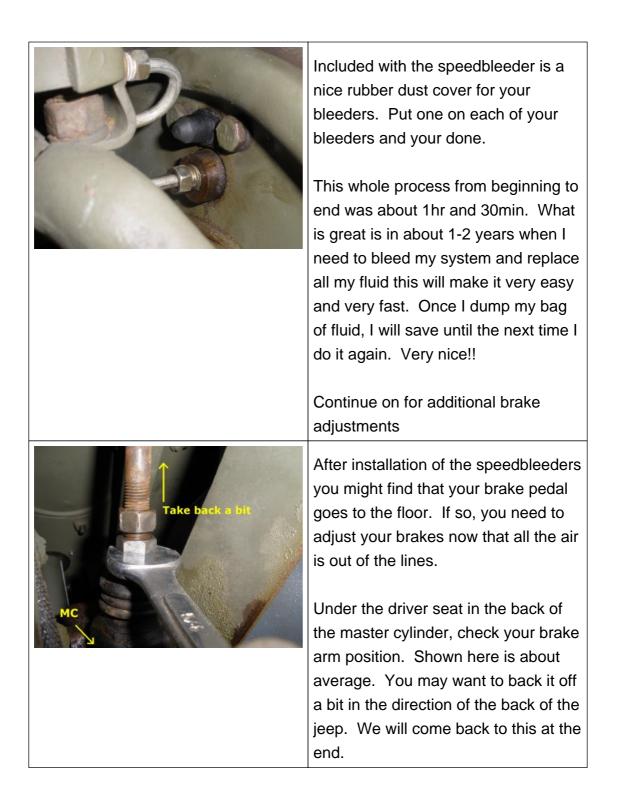
Now with all the speedbleeders now in the wheel cylinders and tightened down, move back to the Rear passenger side, and attach the tube retainer in the line. Loosen the speedbleeder about 1/4 - 1/2 a turn. Pump the brakes slowly about 4 times. The speedbleeders will open pushing the brake fluid out, and close when the pedal is retreating. Here you see the line is full and the fluid being push out with each brake stroke.

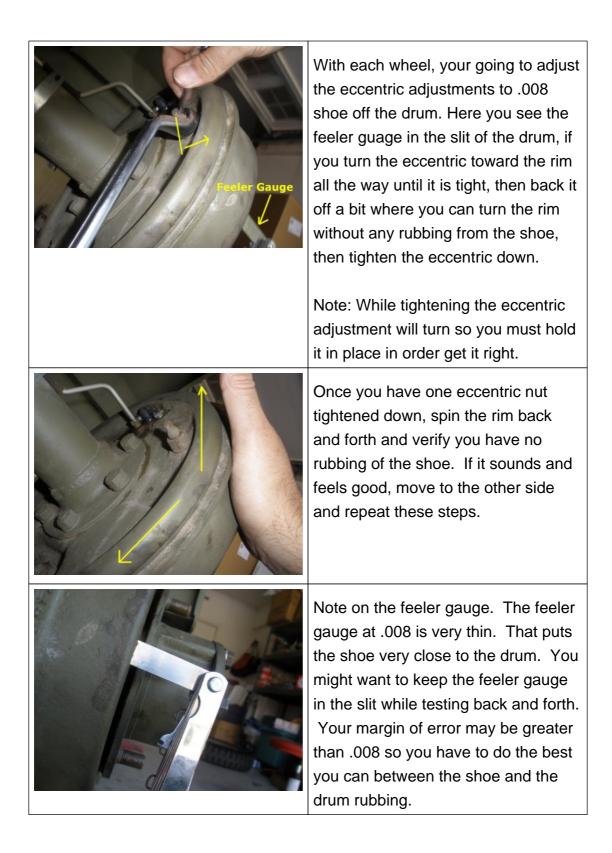


With a closer examination, you can see that the air in the fluid has already been pushed out. Now, tighten the bleeder (clockwise) and pinch the tube off at the bleeder and the fluid will flow down into the retainer bag.

Now move to the Rear driversied wheel and repeat the steps.







Check the foot pedal Now all of your brakes should be adjusted, the last adjustment is back on the master cylinder armature. Push in your brake pedal and check to see if it goes down and gets tight about 60% down. If so, you are at a good spot, no other adjustments needed.
If it goes down further, then move the MC armature in (towards the master cylinder). It doesn't take much, so adjust a little and check again. At this point your are done!