



2000-2006 Chevrolet Suburban Hydroboost Cylinder Replacement

Replacement of the Hydroboost system used for the Power Steering and Brake Booster through the firewall.

Written By: Michael



INTRODUCTION

If you find that your steering wheel is whining when turning, or it is hard to turn while parked, it may be because your Hydroboost is worn. About 100-200\$ online, or cheaper at a pick-a-part yard, this is a simple fix. Allow 1-4 hours depending on skill and tools. Usually the problem is an O ring, which is a 12\$ part, but it is quite tedious to fix in the first place.



TOOLS:

- [22mm Combination Wrench Crescent](#) (1)
- [Socket Set](#) (1)
- [Groove Joint Pliers](#) (1)
- [Craftsman ORING PICK UP TUBE 690690](#)
(1)

Step 1 — Hydroboost Cylinder



- Open the hood, locate the brake fluid reservoir. Right under that is the Hydroboost device.

Step 2



- Use a box wrench or crescent wrench to take the two nuts off that connect the Hydroboost (against the firewall) to the brake system.

Step 3



- Use a pair of pliers or clamps to pull one of the power steering tubes off. It may leak, but keep a rag nearby.

Step 4



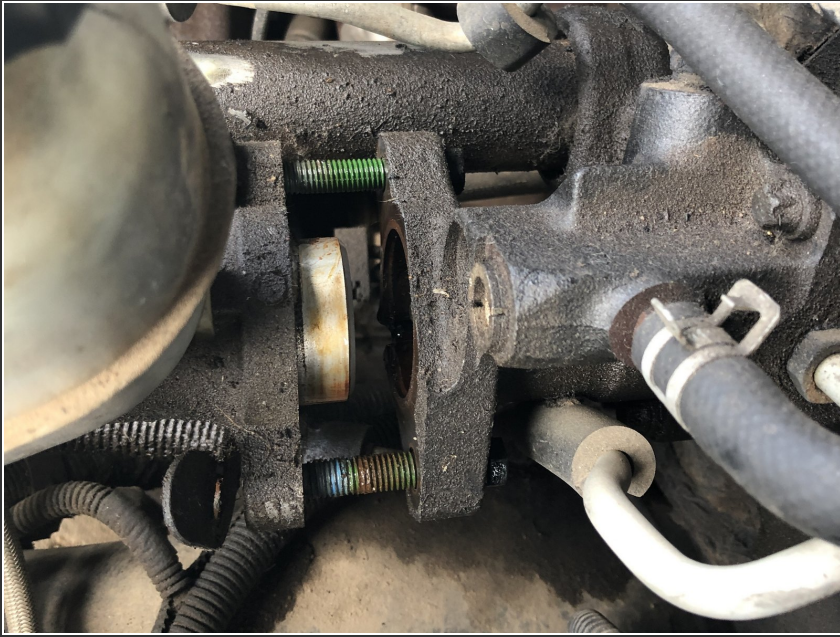
- Use a crescent wrench to take off the output line of the power steering. There is a O ring inside, be careful not to get debris inside.

Step 5



- Use a 5/8" wrench to pull last feeder tube for power steering. Again be cautious of dirt and debris.

Step 6



- Everything should be free, so pull brake system away. Be careful not to put pressure on brake lines as they can break. Keep debris away from this too.

Step 7



- Inside there are four bolts. They are tight fits, but use a deep socket to take them off.
- The white plastic sensor that connects to your brake pedal slides off after pulling the metal tab on the pedal. Use an O ring pick for best results

Step 8



- Once everything inside and out is free, pull the Hydroboost out revealing the hole in the firewall.

Step 9



- Left is old, right is new. It might be good to clean both up. It may be required to transfer bolts between the two.
- Regarding the Hydroboost and Brake bolts, there are reverse threads. So lefty tighty, righty loosey.

Step 10



- From now on, you will want to reverse steps 1-9. This is a direct replacement, so no variables exist.

Step 11



- Replace hoses if needed, but odds are they can attach on tightly.
- Make sure the brake sensor is on straight, and it is advised to put it together as one, not as two.

Step 12



- Once Hydroboost is in securely, attach Mounting plate between Hydroboost and Brake System. Tighten, and double check hoses.

Step 13



- It may be required to attach trim pieces inside of taken off for access. Very simple, two 7/16 bolts.

To reassemble your device, follow these instructions in reverse order.

One of the critical things is to make sure the linkage to the brake pedal to the Hydroboost and the sensor are lined up correctly.