

Power Brake Sales

HYDROBOOST MASTER CYLINDER KIT

ASSEMBLY INSTRUCTIONS

You have your hydroboost master cylinder kit in hand and you are not sure how it all goes together. This is a simple process with included pictures. We will show you a few helpful tips along the way. It should take less than 15 minutes if you have everything close at hand.



Knowing the part names will help

1. Spring
2. Long Pushrod
3. Baffle
4. Spider/Retainer
5. Centering Disc

***READ ENTIRE INSTRUCTIONS FIRST**

FIRST STEP is crucial. You need to size the pushrod to fit properly. This is vital to your success.

You are looking for a “zero clearance” gap between the hydroboost and master cylinder with the long pushrod in place. 1/32” gap is ideal. If the pushrod is too short you will not get full brake power and if the pushrod is too long your brakes will drag or lockup

causing premature wear of your pads/shoes and discs/drums. CUT ONLY FROM THE NON-GROVED END! Take your time and sneak up on your cuts. Keep in mind to keep both ends rounded ESPECIALLY when you get close to your final fit. Rounded ends can shorten the pushrod by about 3/8”. Use a hack saw or cut-off tool and take your time.

Once the pushrod has been cut to length the rest is easy. Assemble the centering disc to the rod on the groved end as shown. We use a 7/16” socket to support the disc and make it simple to fit.



< use a socket to support the disc
it should look like this when done >

continued on other side



The baffle and spider/retaining clip need to be assembled next. We use a 3/4" socket to help support the pieces as we press them together. Make sure to note the orientation of the "cone" on the baffle is on the "top" of the spider as shown below.



Now assemble the entire part as shown. Note the "cone" is inside the spring.



Now take this assembly and insert it into the hydroboost with the grooved end and centering disc first. The spider can now be pushed into the groove found about 1/2" in from the bottom of the hydroboost. This is often done by hand but a small screwdriver can also be used to assure each "leg" is firmly seated in the groove as shown below.

That is all there is to the assembly. Double check the pushrod length is correct and attach your master cylinder. Follow your hydroboost installation instructions and enjoy.



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