

Club DS Front Brake Kit
1981-08.5 DS Lifted Part#7240
08.5-& Newer DS Lifted Part# 7299




****This kit will only work with Jake's new 2008 & Newer Spindle Kits****
****Must use at least 10" wheel with normal straight deep bell****



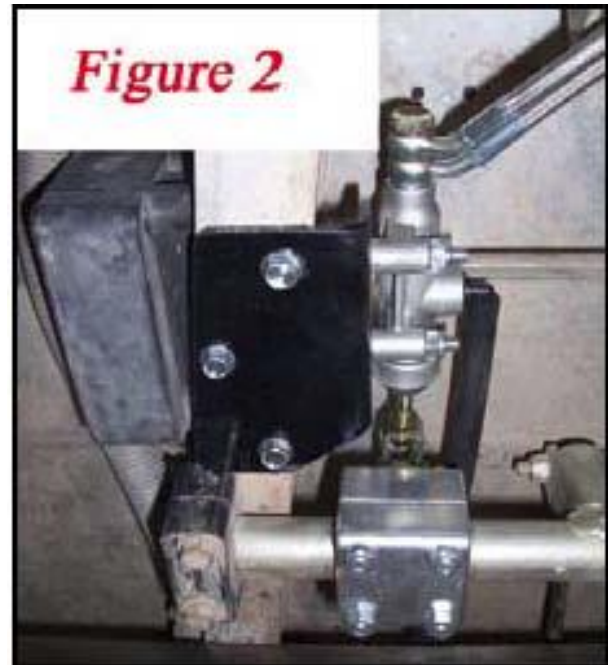
<u>ITEM</u>	<u>QTY</u>
A. Brake Rotors	2
B. Wheel Studs	8
C. 5/16" Rotor Bolts	8
D. Shake Proof Lock Washers	8
E. Brake System Assembly	1
F. Reservoir Hose	1
G. Reservoir	1
H. Hose Clamps	2
I. Clevis Pin for Master Cylinder	1
J. 2-Piece, 4-Hole Brake Lever	1
K. 1/4 x 2 1/4 bolts with locknuts for Brake Lever	4
L. Master Cylinder Mounting Bracket	1
M. 1/4 x 1 Self Drilling Bolts	3
N. Bolt-on Caliper Brackets	2
O. 10 x 32 x 5/8 Flathead Bolts for Caliper Brackets	12
P. 1/4 x 1 1/4 Bolts with Locknuts for Master Cylinder	2
Q. Tie Straps	5
R. Thread Lock for Flathead Bolts	1

NOTE: This is a sophisticated system. We pre-charged the lines to save massive brake bleeding. We recommend this kit be put on by mechanically trained professionals or someone with hydraulic brake experience! System may need bled if you allow air to get in the reservoir line when installing.

 *Always wear appropriate eye protection!*

Assembly Instructions:

1. Lift the cart and place on jack stands and remove the front wheels, tires & stock hubs.
2. Remove the 6 plastic plugs from both 2008 spindles on your lift kit. Clean or lightly sand the surface of the tapped hole area and install one flathead bolt to each hole. **NOTE: If your Jake's spindles do not have 6 holes drilled on each spindle you do not have the new 2008 model. You will need to contact Jake's or your local golf cart dealer to upgrade your front lift for the brakes to work!**
3. Install the bolt on caliper brackets (ITEM N), pointing forward and slightly upward, with the supplied flathead bolts (ITEM O). When inserting (ITEM O) use approximately 1 drop of thread lock (ITEM R) to each bolt. Tighten securely.
4. Bolt the wheel studs (ITEM B) to the rotors (ITEM A) as shown in FIGURE 1 using the supplied bolts (ITEM C) and shake proof washers (ITEM D). **NOTE: FIGURE 1 shows the correct angle of how the wheel studs must be mounted.**
5. Hammer out the stock wheel studs from your stock hubs. Insert the new studs with rotor assembly and put back on the cart.
6. Bolt the master cylinder brake mount (ITEM L) to the frame on the passenger side in front of the stock brake system using the supplied self drilling bolts (ITEM M). Use FIGURE 2 as a guide.
7. Take brake assembly (ITEM E) and mount the master cylinder to the master cylinder mount (ITEM L) using the supplied bolts and nuts (ITEM P). **NOTE: Mount with the brake lines towards the front of the cart.**
8. Route the brake line assembly through the center of the frame and to each side of the cart. There is a driver side and passenger side caliper. The lines must run up and in from the caliper and towards the inside of the carts as shown in FIGURE 3. Mount the calipers to the caliper mounts as shown in FIGURE 3.
9. Mount the top part of the brake lever (ITEM J) to the master cylinder using the supplied clevis pin (ITEM I). **NOTE: The 2 piece brake lever is marked rear on the back side which indicates this end goes towards the back of the cart.**
10. Bolt the bottom the brake lever (ITEM J) to the top using the supplied bolts and nuts (ITEM K). FIGURE 2 shows the brake lever mounted to the cart.
11. Mount the reservoir hose (ITEM F) to the reservoir (ITEM G) using the supplied clamp (ITEM H). Feed the hose from under the seat compartment to the master cylinder. Mount the reservoir (ITEM G) under the seat area to a convenient location. Use a supplied tie strap (ITEM Q) to mount the reservoir. Some carts may need a 1/4" hole drilled for mounting.



12. Slide the other clamp (ITEM H) on the end of the reservoir hose (ITEM F). Pinch or plug the end of the hose before filling the reservoir. Using regular DOT 2 brake fluid, fill the reservoir. Do not put the lid on the reservoir. Turn the yellow cap on the master cylinder slightly upward and then remove the yellow cap. Slowly release the pinched hose and allow the air to be flushed out of the hose. Once the air is released and the brake fluid is flowing clamp the hose to the master cylinder as shown in FIGURE 4. Refill the reservoir.
13. Securely tighten all bolts & nuts.
14. Put the wheels and tires back on the cart.
15. Test drive the cart. Pump the brakes several times to seat the calipers to the rotors. If you have no front brakes after pumping the brake pedal you have let air into the system and it will require the brakes being bled.
16. Using supplied tie straps (ITEM Q), tie the brake lines to the frame of the cart as needed to keep lines from rubbing.



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