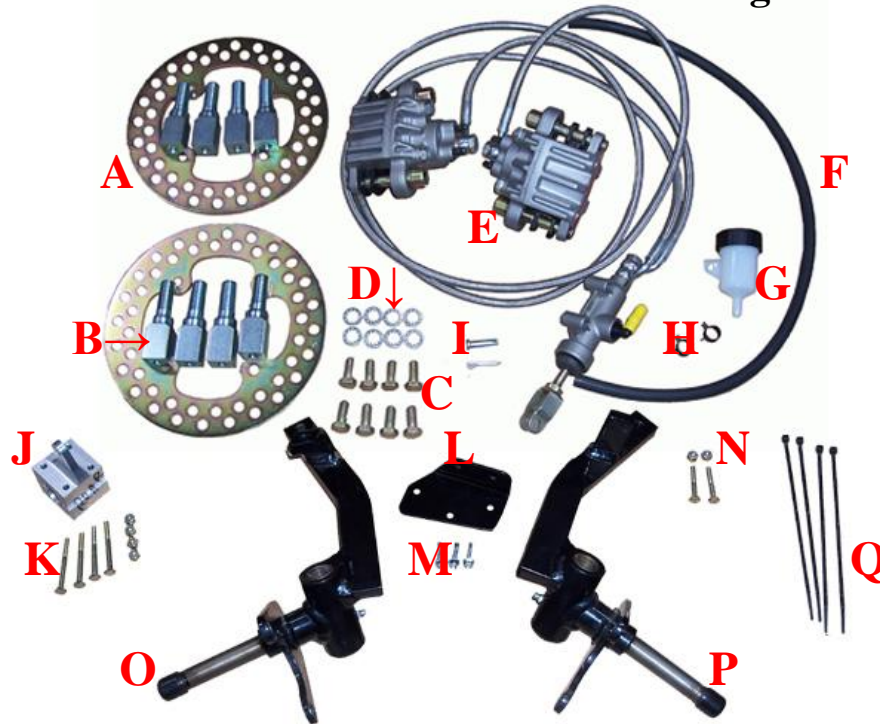




Club DS Front Brake Kit
 1981-04.5 DS Non-Lifted Part#7244
 04.5 -08.5 DS Non-Lifted Part# 7250
 08.5 & DS Non-Lifted Part# 7298
 1981-04.5 DS Lifted W/ Jake's Long Travel Part# 7283
 04.5-08.5 DS w/ Jake's Long Travel Part# 7284
 08.5 & Newer DS w/ Jake's Long Travel Part# 7296

****Must use at least 10" wheel with normal straight deep bell****



ITEM	QTY
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, 2-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. 1/4 x 1 1/4 Bolts & Locknuts for Master Cylinder Mount	2
O. Passenger Side Spindle (look will differ for different models)	1
P. Driver Side Spindle (look will differ for different models)	1
Q. Tie Straps	5

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, hubs & spindles.
2. Install the new spindles (ITEMS O & P) on the cart using the stock kingpins & nuts.
3. 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.**
4. Hammer out the stock wheel studs from your stock hubs. Insert the new studs with rotor assembly and put back on the cart.
5. Using the supplied bolts and nuts (ITEM P), bolt the master cylinder (ITEM E) to the master cylinder brake mount (ITEM L). Mount the master cylinder mount 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. **NOTE: Mount with the brake lines towards the front of the cart.**
6. 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.
7. 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.**
8. 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.
9. 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.
10. 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.

Figure 1

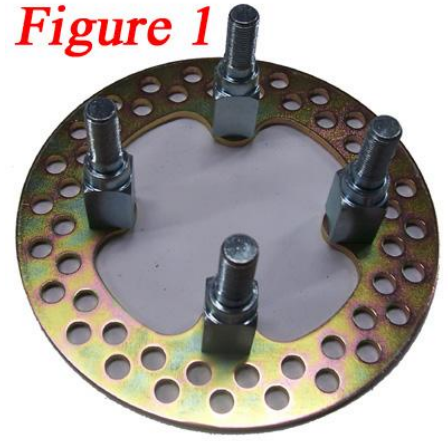


Figure 2

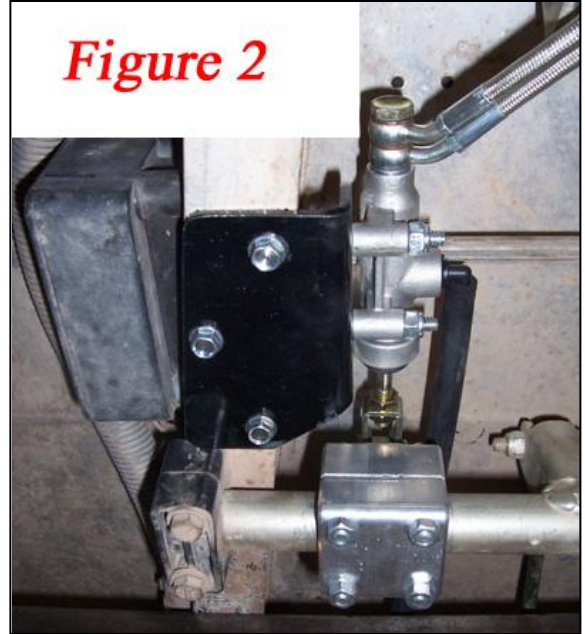


Figure 3



11. Securely tighten all bolts & nuts.
12. Put the wheels and tires back on the cart.
13. 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.
14. Using supplied tie straps (ITEM Q), tie the brake lines to the frame of the cart as needed to keep lines from rubbing.
15. **NOTE: If you get air in the system and need to bleed the lines follow**



these steps: **1.** Take the lid off the reservoir. Make sure during bleeding process that the reservoir remains $\frac{3}{4}$ full. **2.** Remove the driver side caliper from the cart. Place a piece of wood or steel between the brake pads so the pads will not move closer together when the pedal is pushed (**DO NOT PUSH THE PEDAL AT THIS TIME**). **3.** Have someone hold the caliper up on the air so the entire brake line is running up hill with the caliper at the highest point, this will allow the air to travel up. **4.** Press and hold the brake pedal, while the pedal is pressed open the top bleeder. This should release some air and or some fluid. Close the bleeder. Release the brake pedal. **5.** Wait approximately **45 seconds** (this will allow the master cylinder to refill with fluid once air is removed). Repeat all steps until you have a constant stream of fluid coming out of the bleeder when opened. Perform the same steps to the passenger side of the cart. Once brakes are bled reinstall calipers and reservoir cap.

INDEMNIFICATION AND INSURANCE AGREEMENT

High Performance Enhancement Kit installation should be performed by a professional. The High Performance Enhancement Kit purchaser assumes sole and entire responsibility for, and shall indemnify save harmless Nivel Manufacturing LLC, from any and all claim, liability, responsibility, and damage, or any costs or expenses resulting from any loss of life or injuries or claimed injuries to persons or property that may be sustained in connection with the use of any product before or after purchase, including but not limited to high performance enhancement brakes. The High Performance Enhancement Kit purchaser also shall indemnify Nivel Manufacturing LLC with respect to any and all liability that may be incurred. Golf cars are recommended for use only by those aged 16 and older. Golf cars can be especially hazardous to operate. Always remember that riding and alcohol/drugs don't mix. Never ride on public roads. Never carry more than two passengers (except shuttles and trams). Never engage in stunt driving. Avoid excessive speeds and be particularly careful on difficult terrain. Nivel Manufacturing LLC reserves the right, at any time, to discontinue or change specifications, prices, designs, features, models, or equipment without notice and without incurring any obligation.