

## FB4 FRONT DISC BRAKE KIT INSTALLATION

Support the front of the vehicle on jack stands. Remove front brake drums, backing plates and flexible brake lines from both sides. Clean the spindles, including the spotfaces in the back. Install the front spindle bracket using the 3/8 x 1 1/2" and 1/2 x 3" bolts with the lockwashers and nuts on the back side, do not tighten. Attach the caliper bracket to the spindle bracket with the 3/8 x 2 bolts and lockwashers. In some cases the lower spacer bushing on the caliper brackets might interfere with the spindle, if so grind clearance on the spindle. Apply Loctite to the 3/8" grade 8 bolts and tighten to 45 - 50 FT. LBS., make sure to install the lock washers. Apply Loctite to the 1/2" bolts and tighten to 75 - 80 FT. LBS.

Now you will have to heat the bearing spacers. DO NOT OVERHEAT! Quickly slide the heated spacer over the spindle with a pair of pliers and push the spacer with a piece of pipe until firmly seated. You might have to tap the pipe with a hammer. Do not try to install the spacer without heating. After it cools slide the inner bearing over the spacer, it should slide on easily. If not, polish the bearing journal with emery cloth until it slides on and off easily.

You will have to make some modifications to the calipers. There is a raised boss on lower part of the casting that will have to be removed with a grinder or saw, this will be done on the Super Kit. There is also a raised lip around the area that the brake line bolts to, in some cases this will have to be removed with a grinder or saw to position the hose. Plug is in the hole so you don't get any debris inside. The bleeder should be at the top when installing the calipers. Finish assembling the remaining parts. DO NOT Loctite the caliper slide bolts. Install the new hoses and turn the wheels all the way right and left and check for interference, adjust accordingly and tighten.

It is recommended that you install a dual master cylinder and proportioning valve. These parts are not included. You must bleed the brakes before attempting to drive the vehicle. Most later model Ford 14 and 15 in. disc brake wheels should fit.