

## FB3 DISC BRAKE KIT INSTALLATION

Support the front of the vehicle on jack stands. Remove front brake drums, backing plates and hoses. Clean the spindles, including the spotfaces in back and the mounting surfaces on the spindle arms. Install the front spindle bracket and steering arm using the 3/8 x 1 1/2" and 1/2 x 2 1/2" bolts with the lockwashers and nuts on the back side, do not tighten. Install the 1/2 x 2 1/2" grade 8 bolt in the lower front hole through the steering arm with the nut and lock washer on the back side. Attach the caliper bracket to the spindle bracket with the 3/8 x 2 bolts and lockwashers. 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.

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 until it slides on 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. In some cases to position the hose the raised lip around the area that the brake line bolts on will have to be removed with a grinder or saw, plug the hole so you don't get any debris inside. Install with the bleeder at the top. **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. A power booster can be used to reduce pedal pressure. These parts are not included. You must bleed the brakes before attempting to drive the vehicle. Later model Ford wheels from a disc brake car is recommended.