

## STUDEBAKER FRONT DISC BRAKE 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, especially the spot faces on the back side. Run a 13/32" or 7/16" drill through the mounting holes.

Assemble the caliper brackets on the BACK SIDE of the spindle using the supplied grade 8 bolts, lockwashers and spacers. Apply Loctite and tighten the bolts to 45 - 50 FT. LBS.

Now you will have to heat the bearing spacers with a torch. DO NOT OVERHEAT! Slide the heated spacer over the spindle with a pair of pliers and push the spacer with a piece of pipe large enough to fit over the bearing journal until firmly seated. You might have to tap the pipe with a hammer. Make sure the pipe seats against the larger flat face. 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 the bearing slides on and off easily.

If you are installing the Budget Kit you will have to make some modifications to the GM calipers. There is a raised boss on lower center part of the casting that will have to be removed with a grinder or saw and sanded smooth, this will be done in the Super Kit. In some cases the raised lip around the area that the brake line fastens might need to be removed to reposition the hose. Make sure the plastic plug is in the hole when doing this so no debris gets inside.

Finish assembling the remaining parts. DO NOT Loctite the caliper slide bolts. Install the new flexible brake line and turn the wheels all the way right and left and check for interference, adjust accordingly and tighten.

If using the stock master cylinder, remove the stock residual pressure check valve from the master cylinder. It is recommended that you install a proportioning valve. If the master cylinder is under the floor it is also recommended that you install a 2 lb residual check valve in the front brake lines and a 10 lb residual check valve in the rear brake line. These parts are not included but can be purchased from Speedway Motors and many other auto parts suppliers.

You must bleed the brakes before attempting to drive the vehicle. It is recommended to use later Ford or Mopar wheels from a car with disc brakes. On SB1 and SB2 kits the caliper faces the rear, on SB3 kits they face forward.