

# 1961-64 THUNDERBIRD

## FRONT DISC BRAKE KIT

**WARNING:** Installation of any component or kit should be performed by persons experienced in the installation and proper operation of brake systems. It is also the responsibility of the person installing any brake component or kit to determine the suitability of the component or kit for that particular application.

### NOTE:

After installation and before operating the vehicle a complete test function of the brakes under controlled conditions should be made. Make several stops in a safe area from low speed and gradually work up to normal speeds. **DO NOT DRIVE WITH UNTESTED BRAKES!** Always utilize safety restraints when operating the vehicle.

### CHECKLIST

- 2- ROTORS
- 1- SET OF CALIPERS
- 2- INNER BEARINGS
- 2- OUTER BEARINGS
- 2- GREASE SEALS
- 2- DUST COVERS
- 2- SPINDLE WASHERS
- 2-COTTER PINS
- 2- C CLIPS
- 2-BRAKE HOSES
- 4- 3/8" SPACERS
- 2- 1/2" SPACERS
- 4- 3/8" X 2" BOLTS
- 2- 1/2" X 2 1/2" BOLTS
- 2- SPINDLE ADAPTORS

### STEP 1:

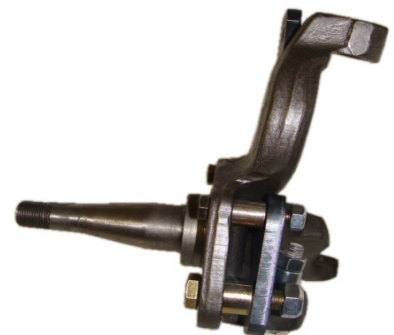
Be sure to check that your kit has all the necessary parts needed to complete this project.

### STEP 2:

Disassemble front spindles, remove backing plates, brake drums, brake shoes, and brake hoses. Make sure you remove and clean all grease and dirt from spindle shaft.

### STEP 3:

Install caliper bracket to spindle using supplied bolts, install two 3/8" bolts for the top mounting holes on bracket and 1/2" bolts for the bottom mounting holes on bracket. Insert caliper bracket spacers between bracket and spindle. (as shown in photo)



#### STEP 4:

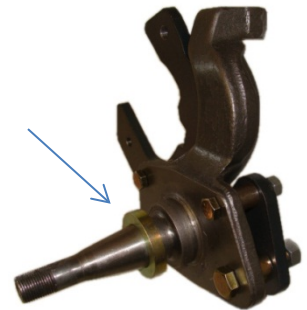
Make sure you pack wheel bearings with the appropriate grease. We recommend a high temperature, high quality bearing grease.



You can grease pack bearings two different ways. One, place a large dollop of grease on the palm of your hand with your other hand push the bearing into the grease until you see grease coming out of the other side of the bearing. Two, using a “bearing packer” place bearing on the piston press down on cap until grease shows on top of the bearing. This is more effective with less mess.

#### STEP5:

With bearings properly packed with grease install inner bearing and grease seal. Next insert spindle bearing adaptor to spindle shaft (tapered side facing towards the car) then mount the rotor onto spindle. Install the outer bearing until it seats properly on spindle shaft and bearing race. Install spindle washer followed by castle nut, tighten castle nut to appropriate specifications and insert cotter pin.



#### STEP 6:

Mount caliper onto caliper bracket using supplied caliper bolts. Make sure pads are securely seated in caliper by bending tabs on brake pads and using anti-rattle clips. Torque caliper bolts to 30 foot pounds. **Be sure the bleeder screws are on top position!** Install brake hose to caliper using one copper washer on top of banjo bolt, and one copper on bottom of banjo bolt. Connect your brake hose to your original brake line and secure brake hose. Repeat on opposite side. Bleed brakes, check for leaks, and test system.



#### DISCLAIMER:

Improper installation, abuse, racing and/or modification WILL VOID WARRANTY. ABS Power Brake Inc. is not responsible for any labor costs or shipping cost associated with any warranty.