

# INSTRUCTIONS

**PART #910-319INST**



*Instruction sheet for the following brake kits:*

## REAR DISC BRAKE KIT

<b>910-31910</b>	<b>910-31931</b>	<b>910-31934</b>
<b>910-31915</b>	<b>910-31932</b>	<b>910-31935</b>
<b>910-31920</b>	<b>910-31933</b>	<b>910-31936</b>
<b>910-31925</b>		

Unpack disc brake kit and compare invoice to components received. Report any damage or missing parts immediately to Speedway Motors.

- |               |                  |              |                     |
|---------------|------------------|--------------|---------------------|
| • Jack Stands | • 4" Grinder     | • Hammer     | • Safety Glasses    |
| • Floor Jack  | • Misc. Wrenches | • Wire Brush | • Gloves            |
| • Wire Brush  | • Drain Pan      | • Welder     | • Fire Extinguisher |

### **RECOMMENDED TOOLS**

- 1) Raise rear of vehicle and support with jack stands. Remove rear tires, brake drums and axles. Disconnect emergency brake cables (Do not cut cables if you are going to re-use with emergency brake style calipers.) and brake line. Loosen the bolts that retain the backing plate and remove.
- 2) Trial fit the brake rotor hat to ensure that it slides over the axle flange and studs. There is a wide variation in the diameter of the axle flange and center hub from manufacturers, so it may be necessary to turn these down to the proper dimensions. If so desired, replace any bearings or seals needed and re-install axles in housing. (The hat is designed to slide over the axle studs and flange. It is not recommended to mount on the back side of the axle flange.)
- 3) Bolt the rotor to the rotor hat using provided bolt kit.
- 4) Slide rotor & hat assembly over axle flange and secure with wheel nuts. (Use flat washers and thread the nuts on backwards.)
- 5) Assemble the caliper, brake pads, brake pad spacers (if needed) and caliper bracket together using the caliper slider bolts.
- 6) Set this assembly over the rotor and into the position best suited for your application. Keep in mind that the brake bleeder should be located at the top of the caliper and normally the caliper is placed at the rear of the axle. (If using the emergency brake style caliper, it must be behind the axle to hook up the cables.)
- 7) Make sure the brake pads are making proper contact with the rotor and that the caliper slider bolts are not hitting the rotor. Check the fit between the caliper bracket and axle tube for fit. If needed, modify bracket for proper fit. Tack weld in place.
- 8) Remove lug nuts and install the tire/wheel combination that you will be running on the vehicle. Check for any clearance problems between the caliper and wheel. Remember you will need a fitting for the brake line and in some cases an emergency brake cable.
- 9) If everything clears and you are satisfied with the installation, finish weld bracket and proceed to the other wheel.
- 10) Run brake lines to each caliper and bleed brakes. Connect emergency brake cables (if used) and adjust.

**BRAKE INSTALLATION ALERT:** The selection and installation of brake components should only be done by personnel experienced in the proper installation and operation of braking systems. The installer must use his/her own discretion to determine the suitability of the brake components and brake kits for every particular application.

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# IMPORTANT

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\*\*Some items are not legal for sale or use in California on pollution controlled motor vehicles. These items are legal in California for racing vehicles only which may never be used upon a highway.

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