



# ADJUSTABLE PROPORTIONING VALVE

## CATALOG # 654000

### INSTALLATION INSTRUCTIONS

Please read these instructions carefully before attempting to install your proportioning valve. Make sure to refer to your factory service manual for proper installation. If you have any questions or problems, do not hesitate to contact our **Technical Hotline** at: **(800) 416-8628** from 7:00 am to 5:00 pm, Monday through Friday, Pacific Standard Time or e-mail us at: [customerservice@russellperformance.com](mailto:customerservice@russellperformance.com)

**Note: Not recommended for vehicles equipped with anti-lock brake systems.**

These instructions are designed to give general installation guidelines. Adjustable proportioning valves are essentially pressure reducing valves and are often utilized in disc/drum and drum/drum braking systems. The valve is used to control front-to-rear brake pressure bias and will work for all types of vehicles. Install this valve between the distribution block and the rear flex hose and in the front to rear rigid brake line. Always use tube wrenches to tighten fitting properly. Final settings of the valve will depend on your particular vehicle, and individual preference.

### DEFINITIONS

**"IN"** (stamped on valve) -rigid brake line from the distribution block to this port.

On early cars: the master cylinder rear port to this point.

**"OUT"** (stamped on valve) -rigid brake line to the rear flex hose.

**"Decrease"** -reduces the line pressure to the rear flex line hose.

**"Increase"** -increases the pressure to the rear brakes.

Maximum pressure regulation -50%

Inlet port on valve -1/8" NPT (3/8"-24 adapter included)

Standard hole diameter -.250"

Line A-B Start Point with valve knob at full "increase" with pressure created by the master-cylinder

Line A-C Pressure reduced by the proportioning valve.

