

4700 Calle Bolero Camarillo, CA 93012

Place Your Order Today! Call 805-388-1188

# COMBINATION PROPORTIONING VALVE

Part # 260-11322

### Highlights:

- Circuit failure indicator: This function completes circuit through switch when either front or rear brake circuit experiences pressure loss or differential.
- Proportioning function: Non-adjustable front-to-rear proportioning
- Anti-dive metering delay valve: Enables rear brake pressure to build momentarily before front brake pressure builds.

### Features:

- 63% pressure reduction (rear) after 350 PSI knee point.
- 30 PSI delay rear-to-front circuit.
- Circuit failure sender activation at 50 ± 10 PSI.
- Recommended maximum operating pressure: 2000 PSI.
- Auto-fill pressure requirement: 120 PSI max.
- -50°F to 160°F operating temperature range.

## Why is Wilwood's valve better than other OE replacement valves?



- Each unit is tested at the factory for all functions prior to shipment
- Each unit is pressure leak tested
- Wilwood's GM style proportioning valve is manufactured from high quality aluminum and coated with a durable black anodized finish.





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#### Installation Instructions:

Mounting: Proportioning valve is a direct replacement for 1978 and newer General Motors vehicles equiped with front disc / rear drum brakes. Valve must be mounted such that it has ground contact with the vehicle's chassis for circuit failure function to operate. This is usually accomplished using a steel bracket mounted to the firewall.

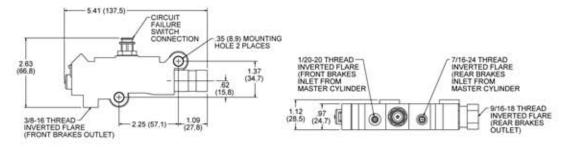
Line Connections: If proportioning valve is mounted in the OE location, the original lines should be able to connect directly to the valve. If mounted in a different location, fluid lines make have to be modified.

Fluid: The Wilwood proportioning valve is fully compatible with all types of brake fluid including DOT 3, 4, 5, and 5.1 fluids. DOT 3, 4 and 5.1 fluids are fully miscible, but DOT 5 silicone fluid should never be mixed with any other fluids. Always follow the vehicle manufacturers fluid recommendations for any vehicle. A complete flush and fill with fresh fluid is recommended for all installations. For best performance, use Wilwood Hi-Temp 570, EXP 600 Plus, or Wilwood FIVE DOT 5 high performance fluids.

Bleeding: To properly bleed the brake system, begin with the caliper farthest from the master cylinder. For fixed mount calipers with two bleed screws on top, bleed the outboard bleed screw first, then bleed the inboard screw. Repeat this procedure until all calipers have been bled, ending with the caliper closest to the master cylinder. Once the system has been bled, the pedal should maintain a consistent, firm feel. If the pedal returns to a spongy feel after it has rested from the bleeding process, this is an indication that air still exists in the system. If this occurs, repeat the bleeding process until all air has been purged and the pedal retains a firm feel. NOTE: When installing a new master cylinder, it is important to follow proper bench bleeding procedures. Follow the installation instructions provided with the new master cylinder. If a firm pedal can not be achieved after bleeding the system, the master cylinder may not be properly sized for the brake system.

Proportioning Valve Adjustment: The proportioning valve is non-adjustable by the user and functions automatically. NOTE: For safety and performance, the rear brakes should never lock before the front brakes. Otherwise, an out of control situation could occur.

### **Combination Proportioning Valve, Mounting Dimensions**



### **Need More Help?**

If after following the instructions, you still have difficulty with installing, or bleeding the system please consult your chassis builder, the retailer where the valve was purchased, a qualified brake technician, or Wilwood Customer Service at (805) 388-1188.



