

Ceram™ Valves, ISO 5599-1 Sizes 1-4

Internal to external pilot field conversion, Sizes 1 and 2



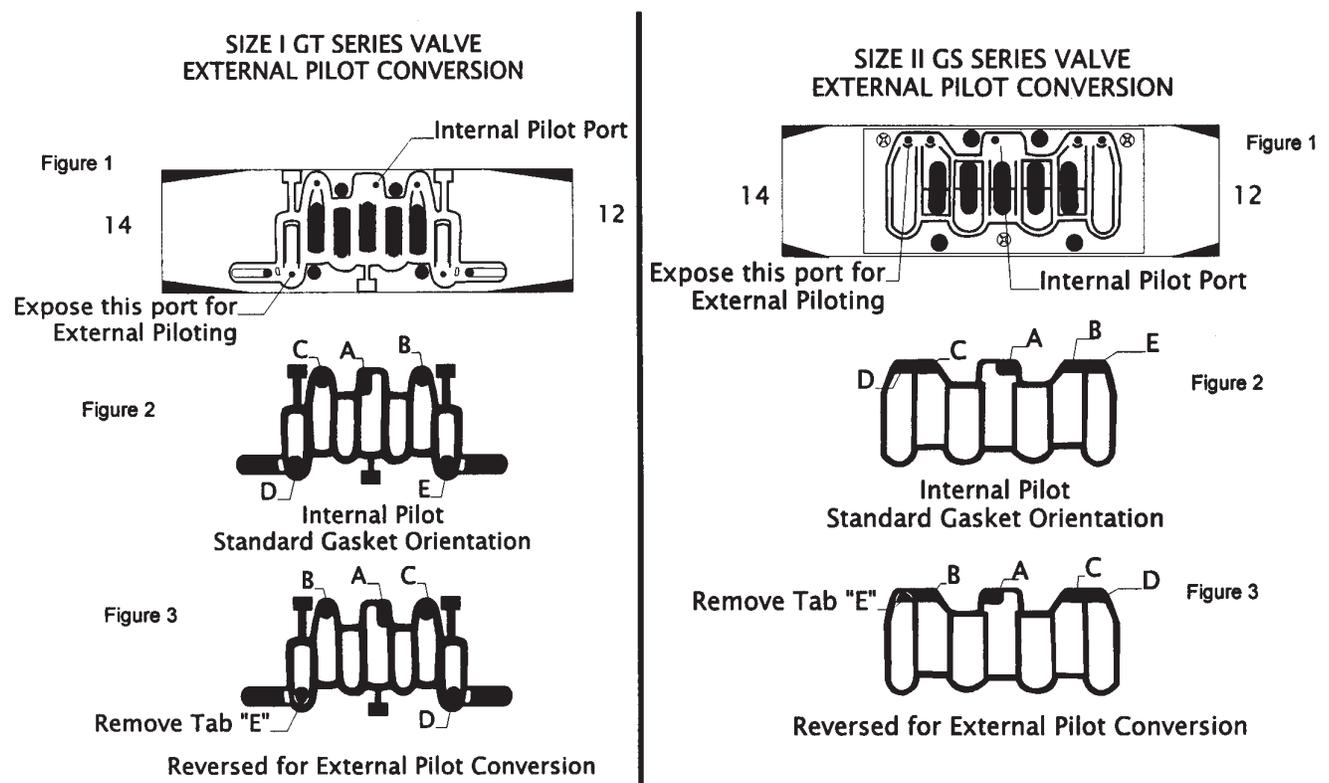
GT Series Size I and GS Series Size II Valves

** Solenoid Valve Internal To External Pilot Field Conversion **

CAUTION: Air supply should be removed before modification.

EXTERNALLY PILOTED VALVES ARE AVAILABLE DIRECTLY FROM THE FACTORY. See model explanation on page 2.14 as well as individual notes on pages 2.5 - 2.12 under standard valve models for ordering instructions.

The following procedure should be used to convert a solenoid valve from internal pilot to external pilot pressure operation. All valves come from the factory internally piloted. External pilot function is required if the supply pressure is below the minimum pilot pressure of 29 psi (2-position valves; 44 psi for 3-position models) or if the customer is using vacuum for supply pressure.



For external pilot conversion, remove gasket from valve body as shown in Figures 1 and 2. Flip gasket end-to-end so that Tab "A" will cover the internal pilot port shown in Figure 1. Remove Tab "E" shown in Figure 3. Mount valve to base.

Apply a minimum of 29 psi (2-position valves) or 44 psi (3-position valves) to Port 14. Port 14 will provide pilot pressure to all solenoids regardless of single or double configuration.

NOTE: Port 12 does not need to be plugged. Port 12 is used only on Double Air Pilot models.

Note: This page does not apply to air piloted/air spring return valves.