

# Installation & Maintenance Instructions

2-WAY DIRECT-ACTING SOLENOID VALVES  
 NORMALLY CLOSED OR NORMALLY OPEN OPERATION  
 3/8", 1/2", OR 3/4" NPT – STEAM SERVICE

SERIES

8267

Form No.V5338R3

**NOTICE:** See separate solenoid installation and maintenance instructions for information on: Wiring, Solenoid Temperature, Causes of Improper Operation, Coil or Solenoid Replacement.

## DESCRIPTION

Series 8267 valves are 2-way normally closed or normally open direct-acting solenoid valves. These valves are designed for steam service. The guillotine-type disc provides straight through flow, minimizing pressure drop and turbulence through the valve. Series 8267 valves may be provided with a general purpose, raintight/explosionproof or raintight/watertight/explosionproof solenoid enclosure.

## OPERATION

**Normally Closed:** Valve is closed when solenoid is De-energized; open when energized.

**Normally Open:** Valve is open when solenoid is De-energized; closed when energized.

**Note:** No minimum operating pressure differential required. See nameplate for maximum.

## INSTALLATION

Check nameplate for correct catalog number, pressure, voltage, frequency, and service. Never apply incompatible fluids or exceed pressure rating of the valve. Installation and valve maintenance to be performed by qualified personnel.

### Future Service Considerations

Provision should be made for performing seat leakage, external leakage, and operational tests on the valve with a nonhazardous, noncombustible fluid after disassembly and reassembly.

### Temperature Limitations

For maximum valve ambient and fluid temperatures, refer to chart above. Check catalog number on nameplate to determine maximum temperatures.

Catalog Number	Coil Insulation Class	Maximum Ambient Temp.	Maximum Fluid Temp.
8267A1 8267A5 8267A9 8267A13 HT8267B9 HT8267B13	H	104°F (40°C)	320°F (160°C)
8267A3 8267A7 8267A11 8267A15 HT8267B3 HT8267B11	H	104°F (40°C)	280°F (138°C)
FT8267A11, FT8267A1104974	F	104°F (40°C)	190°F (88°C)
8267B7 8267B15	F	86°F (33°C)	250°F (121°C)
8267B3 8267B11	F	86°F (33°C)	280°F (138°C)
8267G1 8267G5 8267G9 8267G13	H	125°F (51.7°C)	320°F (160°C)
8267G3 8267G11	H	125°F (51.7°C)	274°F (134°C)
8267G7 8267G15	H	125°F (51.7°C)	250°F (121°C)

### Positioning

Valve must be mounted with solenoid vertical and upright.

### Piping

Connect piping to valve according to markings on valve body. Apply pipe compound sparingly to male pipe threads only. If applied to valve threads the compound may enter the valve and cause operational difficulty. Avoid pipe strain by properly supporting and aligning piping. When tightening the pipe, do not use valve or solenoid as a lever. Locate wrenches applied to valve body or piping as close as possible to connection point.

**▲ CAUTION:** To protect the solenoid valve, install a strainer or filter, suitable for the service involved, in the inlet side as close to the valve as possible. Clean periodically depending on service conditions. See ASCO Series 8600, 8601, and 8602 for strainers.

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**ORDERING INFORMATION FOR ASCO REBUILD KITS**

Parts marked with an asterisk (\*) in the exploded view are supplied in Rebuild Kits.

- When Ordering Rebuild Kits for ASCO valves, order the Rebuild Kit number stamped on the valve nameplate. +
- +If the number of the kit is not visible, order by indicating the number of kits required, and the Catalog Number and Serial Number of the valve(s) for which they are intended.

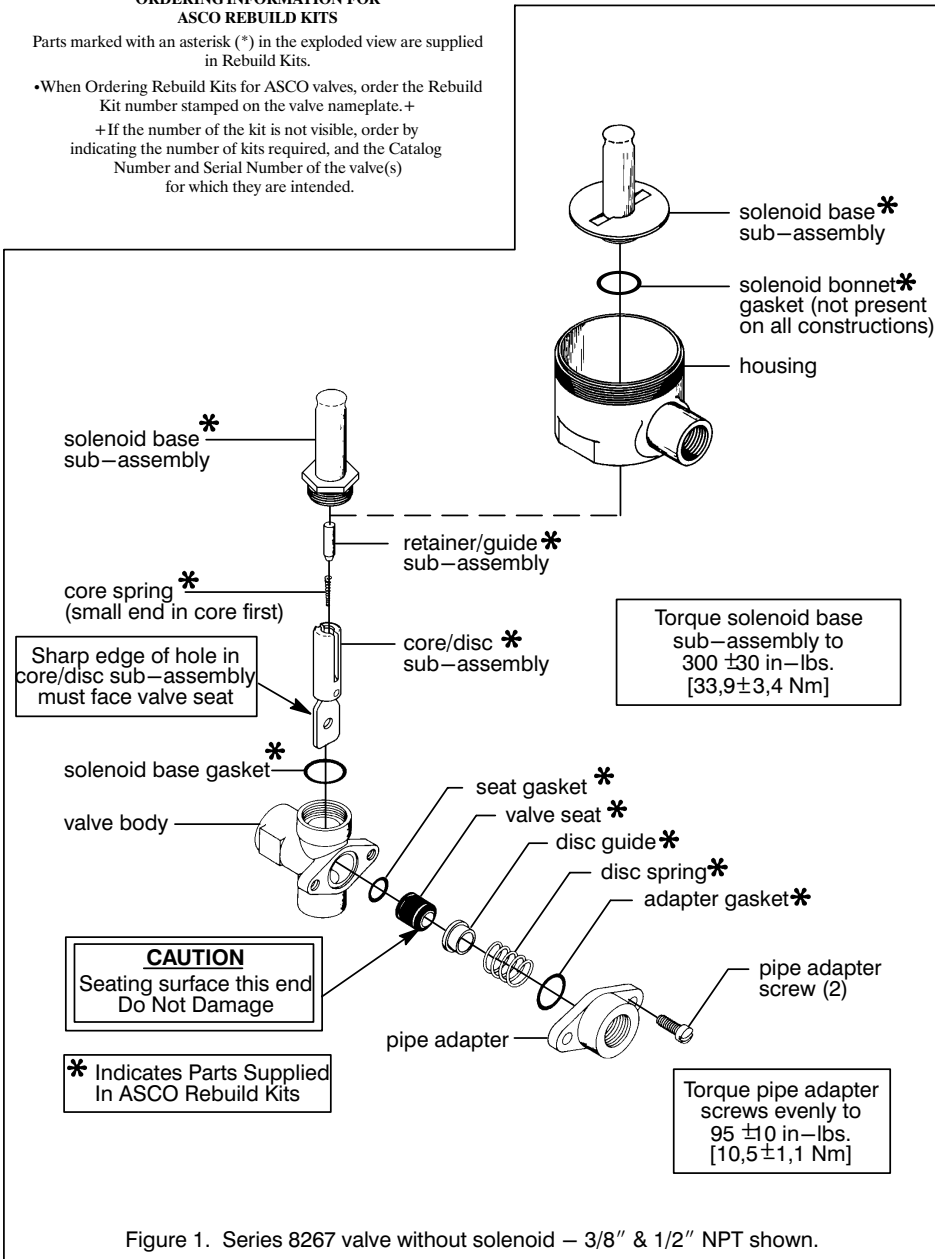


Figure 1. Series 8267 valve without solenoid – 3/8" & 1/2" NPT shown.

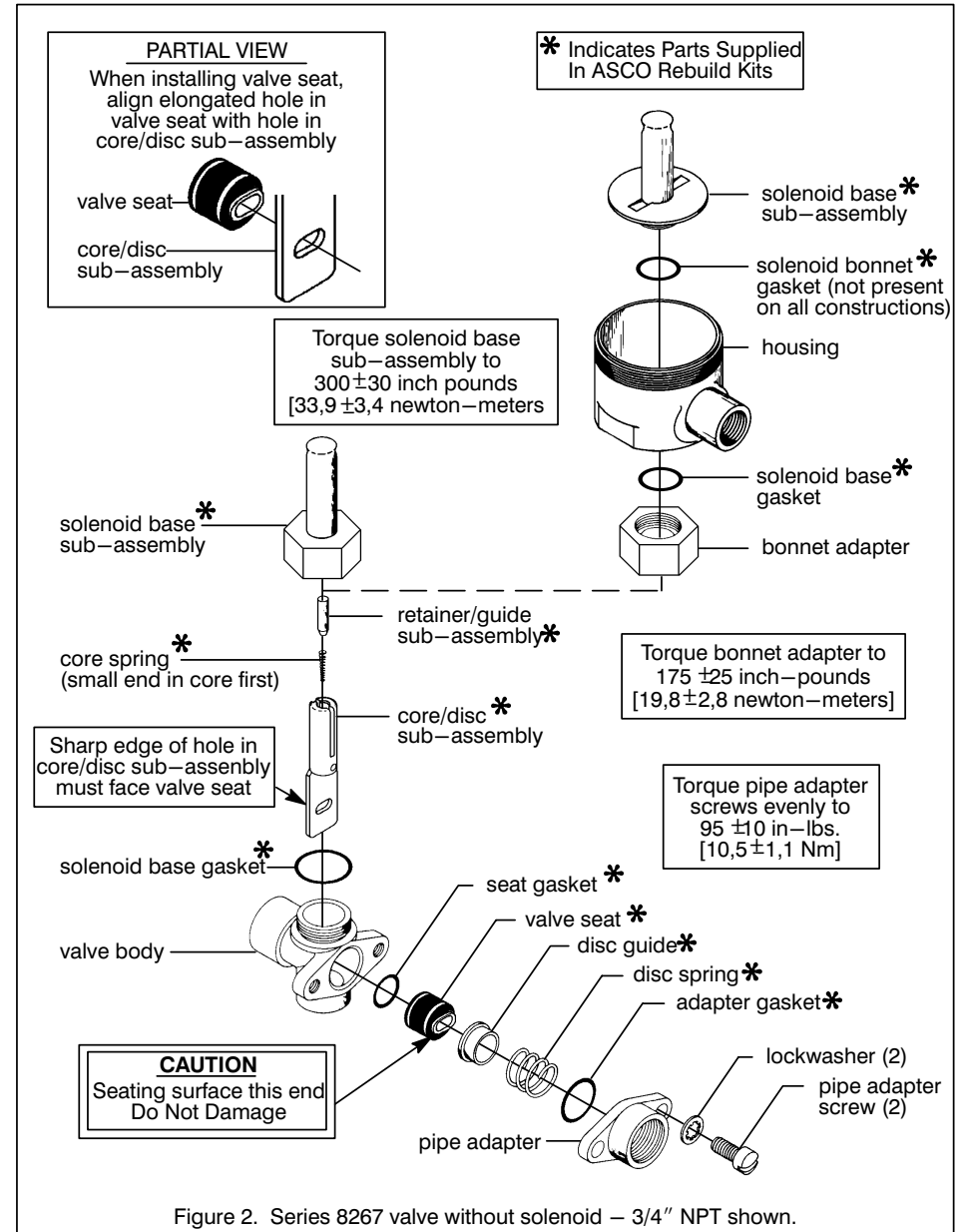


Figure 2. Series 8267 valve without solenoid – 3/4" NPT shown.